

Cover Page

Order ID : Q2372

Project ID : Ave B

Client : G Environmental

Lab Sample Number

Q2372-01
Q2372-02

Client Sample Number

GAV1W
GAV2W

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: 6/25/2025

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 #: Q2372

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: NISHADH PATEL

Date: 06/25/2025

LAB CHRONICLE

OrderID: Q2372	OrderDate: 6/19/2025 2:53:00 PM
Client: G Environmental	Project: Ave B
Contact: Gary Landis	Location: D51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2372-01	GAV1W	Water	SVOCMS Group2	8270E	06/19/25	06/24/25	06/24/25	06/19/25



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Hit Summary Sheet SW-846

SDG No.: Q2372
Client: G Environmental

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	GAV1W						
Q2372-01	GAV1W	WATER 2-(2-Butoxyethoxy)acetic acid	* 190.000	J	0	0	ug/L
Q2372-01	GAV1W	WATER D-Allothreonine	* 770.000	J	0	0	ug/L
Q2372-01	GAV1W	WATER Dibutyl 3,6,9,12-tetraoxatetradeca	* 140.000	J	0	0	ug/L
Q2372-01	GAV1W	WATER Ethanol, 2-(2-butoxyethoxy)-	* 15.700	J	0	0	ug/L
Q2372-01	GAV1W	WATER Ethanol, 2-[2-(2-butoxyethoxy)etl	* 46.400	J	0	0	ug/L
Q2372-01	GAV1W	WATER Ethanol, 2-butoxy-	* 19.300	J	0	0	ug/L
Total Tics :			1,181.40				
Total Concentration:			1,181.40				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168592BL	PB168592BL	Nitrobenzene-d5	100	75.7	76		30 (67)	130 (132)
		2-Fluorobiphenyl	100	74.9	75		30 (52)	130 (132)
		Terphenyl-d14	100	68.3	68		30 (42)	130 (152)
PB168592BS	PB168592BS	Nitrobenzene-d5	100	74.3	74		30 (67)	130 (132)
		2-Fluorobiphenyl	100	75.6	76		30 (52)	130 (132)
		Terphenyl-d14	100	62.7	63		30 (42)	130 (152)
PB168592BSD	PB168592BSD	Nitrobenzene-d5	100	73.6	74		30 (67)	130 (132)
		2-Fluorobiphenyl	100	73.3	73		30 (52)	130 (132)
		Terphenyl-d14	100	70.2	70		30 (42)	130 (152)
Q2372-01	GAV1W	Nitrobenzene-d5	100	82.3	82		30 (67)	130 (132)
		2-Fluorobiphenyl	100	88.0	88		30 (52)	130 (132)
		Terphenyl-d14	100	47.5	47		30 (42)	130 (152)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E

DataFile: BF142836.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168592BS	Benzaldehyde	50	38.2	ug/L	76				20 (10)	160 (162)	
	bis(2-Chloroethyl)ether	50	43.2	ug/L	86				70 (62)	130 (103)	
	2,2-oxybis(1-Chloropropane)	50	41.2	ug/L	82				70 (65)	130 (100)	
	Acetophenone	50	44.5	ug/L	89				70 (60)	130 (104)	
	N-Nitroso-di-n-propylamine	50	41.5	ug/L	83				70 (57)	130 (107)	
	Hexachloroethane	50	42.8	ug/L	86				20 (76)	160 (118)	
	Nitrobenzene	50	44.0	ug/L	88				70 (58)	130 (106)	
	Isophorone	50	43.8	ug/L	88				70 (61)	130 (102)	
	bis(2-Chloroethoxy)methane	50	43.7	ug/L	87				70 (58)	130 (109)	
	Naphthalene	50	43.6	ug/L	87				70 (64)	130 (107)	
	4-Chloroaniline	50	23.4	ug/L	47		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	44.5	ug/L	89				70 (69)	130 (101)	
	Caprolactam	50	47.5	ug/L	95				20 (58)	160 (128)	
	2-Methylnaphthalene	50	43.2	ug/L	86				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	93.9	ug/L	94				20 (36)	160 (160)	
	1,1-Biphenyl	50	44.3	ug/L	89				70 (72)	130 (98)	
	2-Chloronaphthalene	50	43.9	ug/L	88				70 (59)	130 (106)	
	2-Nitroaniline	50	42.9	ug/L	86				70 (73)	130 (114)	
	Dimethylphthalate	50	44.4	ug/L	89				70 (64)	130 (103)	
	Acenaphthylene	50	43.7	ug/L	87				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	44.2	ug/L	88				70 (64)	130 (110)	
	3-Nitroaniline	50	24.7	ug/L	49		*		70 (28)	130 (100)	
	Acenaphthene	50	48.3	ug/L	97				70 (59)	130 (113)	
	Dibenzofuran	50	43.1	ug/L	86				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	46.0	ug/L	92				70 (60)	130 (115)	
	Diethylphthalate	50	45.5	ug/L	91				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	43.5	ug/L	87				70 (61)	130 (104)	
	Fluorene	50	43.0	ug/L	86				70 (64)	130 (107)	
	4-Nitroaniline	50	44.2	ug/L	88				70 (55)	130 (125)	
	N-Nitrosodiphenylamine	50	44.2	ug/L	88				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	45.6	ug/L	91				70 (73)	130 (103)	
	Hexachlorobenzene	50	44.3	ug/L	89				70 (73)	130 (106)	
	Atrazine	50	51.6	ug/L	103				70 (76)	130 (120)	
	Phenanthrene	50	44.4	ug/L	89				70 (62)	130 (109)	
	Anthracene	50	44.6	ug/L	89				70 (65)	130 (110)	
	Carbazole	50	45.5	ug/L	91				70 (62)	130 (106)	
	Di-n-butylphthalate	50	51.4	ug/L	103				70 (64)	130 (106)	
	Fluoranthene	50	46.9	ug/L	94				70 (64)	130 (110)	
	Pyrene	50	35.7	ug/L	71				70 (71)	130 (103)	
	Butylbenzylphthalate	50	50.2	ug/L	100				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	19.3	ug/L	39		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	43.6	ug/L	87				70 (62)	130 (107)	
	Chrysene	50	45.6	ug/L	91				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	51.1	ug/L	102				70 (59)	130 (110)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E

DataFile: BF142836.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168592BS	Di-n-octyl phthalate	50	47.0	ug/L	94				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	45.2	ug/L	90				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	48.9	ug/L	98				70 (77)	130 (105)	
	Benzo(a)pyrene	50	45.8	ug/L	92				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	40.8	ug/L	82				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	40.8	ug/L	82				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	40.8	ug/L	82				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	44.5	ug/L	89				70 (72)	130 (101)	
	1,4-Dioxane	50	35.1	ug/L	70				20 (38)	160 (125)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E

DataFile: BF142837.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB168592BSD	Benzaldehyde	50	38.7	ug/L	77	1			20 (10)	160 (162)	20 (20)
	bis(2-Chloroethyl)ether	50	43.2	ug/L	86	0			70 (62)	130 (103)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	41.3	ug/L	83	0			70 (65)	130 (100)	20 (20)
	Acetophenone	50	43.1	ug/L	86	3			70 (60)	130 (104)	20 (20)
	N-Nitroso-di-n-propylamine	50	43.1	ug/L	86	4			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	42.2	ug/L	84	1			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	42.4	ug/L	85	4			70 (58)	130 (106)	20 (20)
	Isophorone	50	43.5	ug/L	87	1			70 (61)	130 (102)	20 (20)
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87	1			70 (58)	130 (109)	20 (20)
	Naphthalene	50	42.8	ug/L	86	2			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	18.2	ug/L	36	25	*	*	70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	43.5	ug/L	87	2			70 (69)	130 (101)	20 (20)
	Caprolactam	50	47.4	ug/L	95	0			20 (58)	160 (128)	20 (20)
	2-Methylnaphthalene	50	43.0	ug/L	86	0			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	92.4	ug/L	92	2			20 (36)	160 (160)	20 (20)
	1,1-Biphenyl	50	43.4	ug/L	87	2			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	42.5	ug/L	85	3			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	43.3	ug/L	87	1			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	44.3	ug/L	89	0			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	42.6	ug/L	85	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	44.4	ug/L	89	0			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	24.2	ug/L	48	2	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	47.1	ug/L	94	3			70 (59)	130 (113)	20 (20)
	Dibenzofuran	50	42.5	ug/L	85	1			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	45.1	ug/L	90	2			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	45.0	ug/L	90	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	42.4	ug/L	85	3			70 (61)	130 (104)	20 (20)
	Fluorene	50	42.6	ug/L	85	1			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	43.6	ug/L	87	1			70 (55)	130 (125)	20 (20)
	N-Nitrosodiphenylamine	50	44.4	ug/L	89	0			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	45.4	ug/L	91	0			70 (73)	130 (103)	20 (20)
	Hexachlorobenzene	50	44.4	ug/L	89	0			70 (73)	130 (106)	20 (20)
	Atrazine	50	51.4	ug/L	103	0			70 (76)	130 (120)	20 (20)
	Phenanthrene	50	44.3	ug/L	89	0			70 (62)	130 (109)	20 (20)
	Anthracene	50	44.2	ug/L	88	1			70 (65)	130 (110)	20 (20)
	Carbazole	50	44.9	ug/L	90	1			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	50.6	ug/L	101	2			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	45.8	ug/L	92	2			70 (64)	130 (110)	20 (20)
	Pyrene	50	40.4	ug/L	81	12			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	51.5	ug/L	103	3			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	19.6	ug/L	39	2	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	44.8	ug/L	90	3			70 (62)	130 (107)	20 (20)
	Chrysene	50	45.9	ug/L	92	1			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	51.5	ug/L	103	1			70 (59)	130 (110)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E DataFile: BF142837.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB168592BSD	Di-n-octyl phthalate	50	48.5	ug/L	97	3			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	45.5	ug/L	91	1			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	46.8	ug/L	94	4			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	45.8	ug/L	92	0			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	42.1	ug/L	84	3			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	42.4	ug/L	85	4			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	42.6	ug/L	85	4			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	43.7	ug/L	87	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	35.5	ug/L	71	1			20 (38)	160 (125)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168592BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q2372

SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BF142835.D

Lab Sample ID: PB168592BL

Instrument ID: BNA_F

Date Extracted: 06/24/2025

Matrix: (soil/water) Water

Date Analyzed: 06/25/2025

Level: (low/med) LOW

Time Analyzed: 13:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168592BS	PB168592BS	BF142836.D	06/25/2025
PB168592BSD	PB168592BSD	BF142837.D	06/25/2025
GAV1W	Q2372-01	BF142820.D	06/24/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q2372SDG NO.: Q2372Lab File ID: BF142787.DDFTPP Injection Date: 06/19/2025Instrument ID: BNA_FDFTPP Injection Time: 16:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	30.9
70	Less than 2.0% of mass 69	0.1 (0.5) 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	5.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (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
SSTDICC2.5	SSTDICC2.5	BF142788.D	06/19/2025	17:07
SSTDICC005	SSTDICC005	BF142789.D	06/19/2025	17:38
SSTDICC010	SSTDICC010	BF142790.D	06/19/2025	18:08
SSTDICC020	SSTDICC020	BF142791.D	06/19/2025	18:39
SSTDICC040	SSTDICC040	BF142792.D	06/19/2025	19:09
SSTDICC050	SSTDICC050	BF142793.D	06/19/2025	19:40
SSTDICC060	SSTDICC060	BF142794.D	06/19/2025	20:10
SSTDICC080	SSTDICC080	BF142795.D	06/19/2025	20:40



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q2372 SDG NO.: Q2372Lab File ID: BF142810.DDFTPP Injection Date: 06/24/2025Instrument ID: BNA_FDFTPP Injection Time: 09:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.1 (0.4) 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	6.5
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 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	BF142811.D	06/24/2025	10:16
GAV1W	Q2372-01	BF142820.D	06/24/2025	15:28



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q2372 SDG NO.: Q2372Lab File ID: BF142833.DDFTPP Injection Date: 06/25/2025Instrument ID: BNA_FDFTPP Injection Time: 12:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.1 (0.4) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.0 (0.0) 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
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142834.D	06/25/2025	13:25
PB168592BL	PB168592BL	BF142835.D	06/25/2025	13:55
PB168592BS	PB168592BS	BF142836.D	06/25/2025	14:25
PB168592BSD	PB168592BSD	BF142837.D	06/25/2025	14:55

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/24/2025

Lab File ID: BF142811.D Time Analyzed: 10:16

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	88364	6.88	335549	8.16	179366	9.92
UPPER LIMIT	176728	7.38	671098	8.663	358732	10.421
LOWER LIMIT	44182	6.38	167775	7.663	89683	9.421
EPA SAMPLE NO.						
01 GAV1W	69183	6.88	242235	8.16	106484	9.92

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.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/24/2025

Lab File ID: BF142811.D Time Analyzed: 10:16

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

01

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	300319	11.41	163667	14.056	187854	15.545
UPPER LIMIT	600638	11.91	327334	14.556	375708	16.045
LOWER LIMIT	150160	10.91	81833.5	13.556	93927	15.045
EPA SAMPLE NO.						
GAV1W	179849	11.41	193130	14.06	144569	15.55

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.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/25/2025

Lab File ID: BF142834.D Time Analyzed: 13:25

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	62666	6.881	217016	8.16	105351	9.92
UPPER LIMIT	125332	7.381	434032	8.663	210702	10.422
LOWER LIMIT	31333	6.381	108508	7.663	52675.5	9.422
EPA SAMPLE NO.						
01 PB168592BL	83049	6.88	315982	8.16	166060	9.92
02 PB168592BS	81651	6.88	296393	8.16	150433	9.92
03 PB168592BSD	83905	6.88	314873	8.16	163617	9.92

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.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/25/2025

Lab File ID: BF142834.D Time Analyzed: 13:25

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	165051	11.41	130450	14.057	161869	15.551
UPPER LIMIT	330102	11.91	260900	14.557	323738	16.051
LOWER LIMIT	82525.5	10.91	65225	13.557	80934.5	15.051
EPA SAMPLE NO.						
01 PB168592BL	291883	11.40	193847	14.05	187448	15.55
02 PB168592BS	242210	11.41	173489	14.06	196328	15.55
03 PB168592BSD	262901	11.41	161274	14.06	186310	15.55

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:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV1W	SDG No.:	Q2372
Lab Sample ID:	Q2372-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142820.D	1	06/24/25 08:39	06/24/25 15:28	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.83	U	0.83	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
98-86-2	Acetophenone	0.76	U	0.76	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.60	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.78	U	0.78	5.10	ug/L
78-59-1	Isophorone	0.77	U	0.77	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	0.86	U	0.86	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.2	ug/L
91-57-6	2-Methylnaphthalene	0.57	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.2	ug/L
92-52-4	1,1-Biphenyl	0.54	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L
208-96-8	Acenaphthylene	0.77	U	0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.94	U	0.94	5.10	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
132-64-9	Dibenzofuran	0.62	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	0.70	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.10	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV1W	SDG No.:	Q2372
Lab Sample ID:	Q2372-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142820.D	1	06/24/25 08:39	06/24/25 15:28	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
86-74-8	Carbazole	0.73	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.84	U	0.84	5.10	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.46	U	0.46	5.10	ug/L
218-01-9	Chrysene	0.45	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.50	U	0.50	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L

SURROGATES

367-12-4	2-Fluorophenol	70.6		15 (23) - 110 (138)	47%	SPK: 150
13127-88-3	Phenol-d6	43.9		15 (10) - 110 (134)	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.3		30 (67) - 130 (132)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.0		30 (52) - 130 (132)	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		15 (44) - 110 (137)	88%	SPK: 150

Report of Analysis

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV1W	SDG No.:	Q2372
Lab Sample ID:	Q2372-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142820.D	1	06/24/25 08:39	06/24/25 15:28	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	47.5		30 (42) - 130 (152)	47%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	69200	6.881
1146-65-2	Naphthalene-d8	242000	8.163
15067-26-2	Acenaphthene-d10	106000	9.922
1517-22-2	Phenanthrene-d10	180000	11.41
1719-03-5	Chrysene-d12	193000	14.057
1520-96-3	Perylene-d12	145000	15.545

TENTATIVE IDENTIFIED COMPOUNDS

000111-76-2	Ethanol, 2-butoxy-	19.3	J	5.83	ug/L
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	15.7	J	8.07	ug/L
082941-26-2	2-(2-Butoxyethoxy)acetic acid	190	J	9.18	ug/L
000143-22-6	Ethanol, 2-[2-(2-butoxyethoxy)etho	46.4	J	9.68	ug/L
024830-94-2	D-Allothreonine	770	J	10.6	ug/L
1010366-80-2	Dibutyl 3,6,9,12-tetraoxatetradeca	140	J	11.7	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\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Time: Jun 24 15:50:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69183	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	242235	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	106484	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	179849	20.000	ng	0.00
76) Chrysene-d12	14.057	240	193130	20.000	ng	0.00
86) Perylene-d12	15.545	264	144569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	293375	70.602	ng	0.00
7) Phenol-d6	6.504	99	215123	43.881	ng	0.00
23) Nitrobenzene-d5	7.440	82	363253	82.254	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	145109	132.424	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	713214	87.988	ng	0.00
79) Terphenyl-d14	12.998	244	663563	47.473	ng	0.00

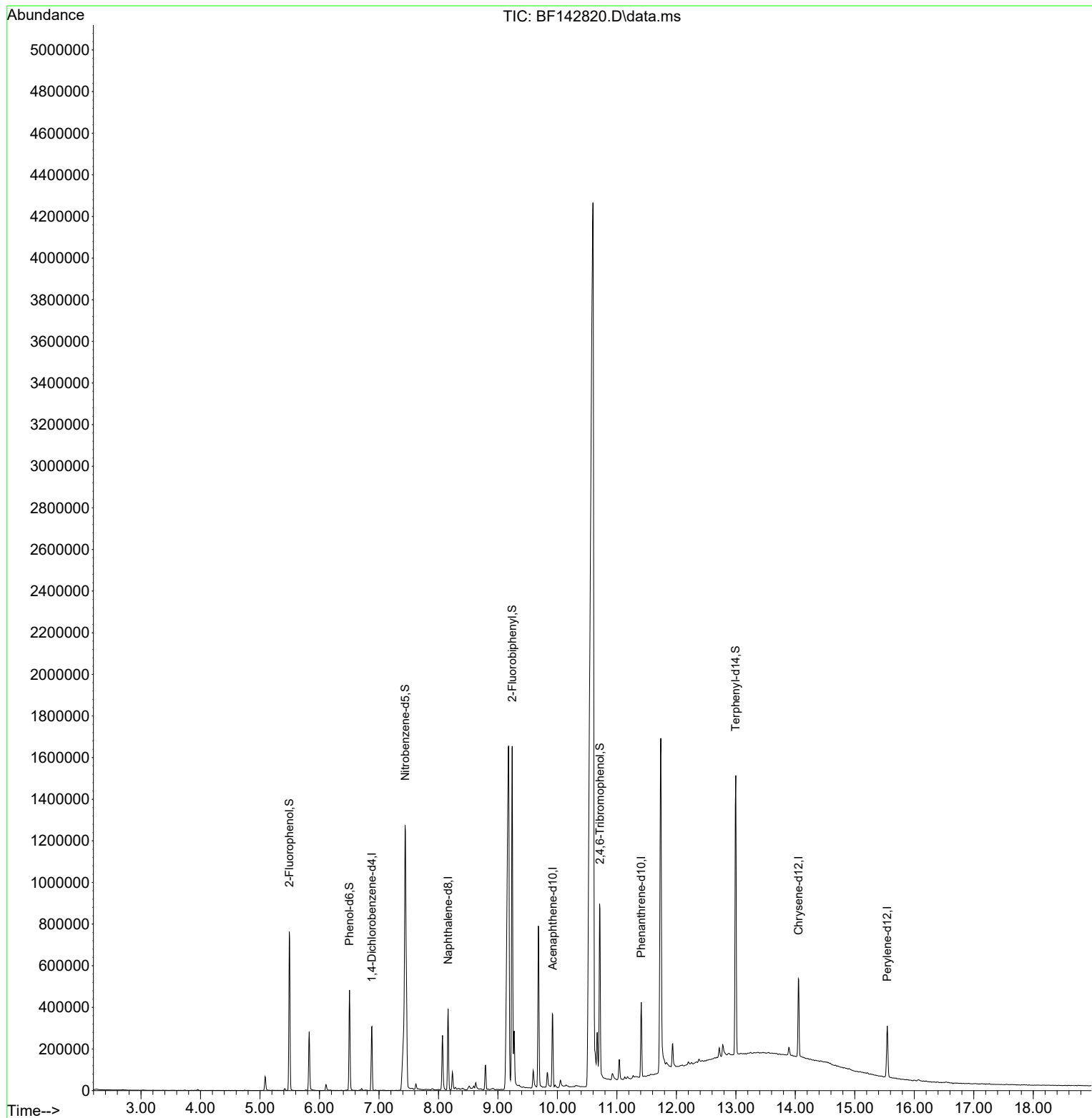
Target Compounds	Qvalue

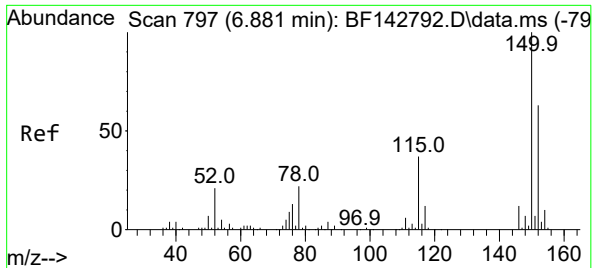
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Time: Jun 24 15:50:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

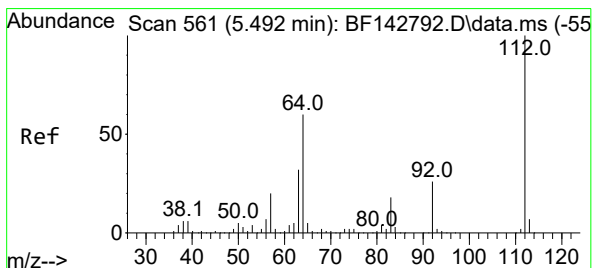
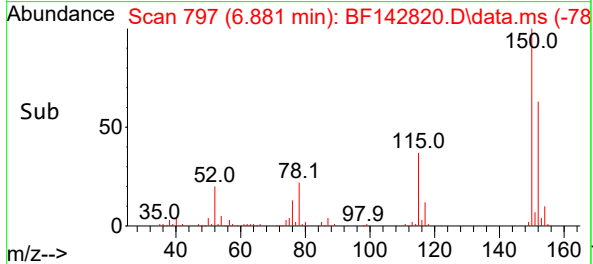
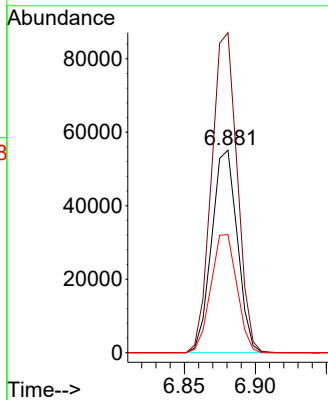
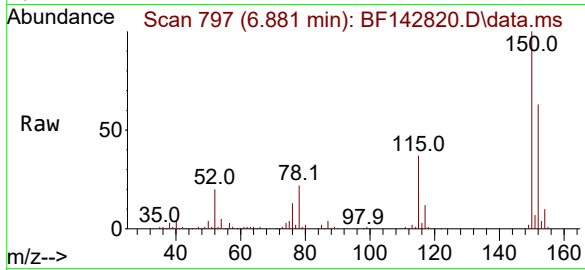




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

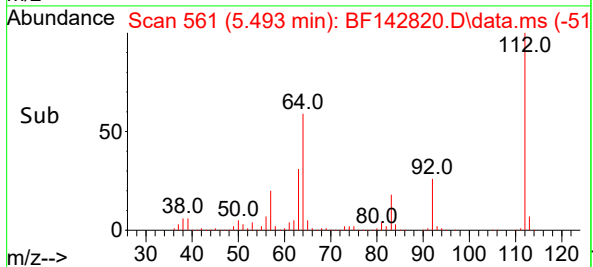
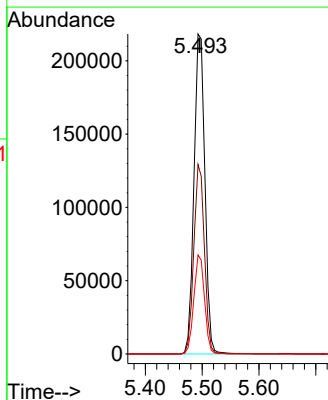
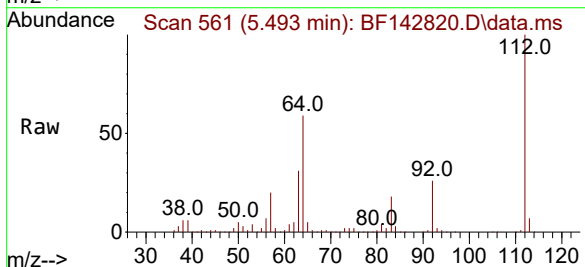
Instrument :
BNA_F
ClientSampleId :
GAV1W

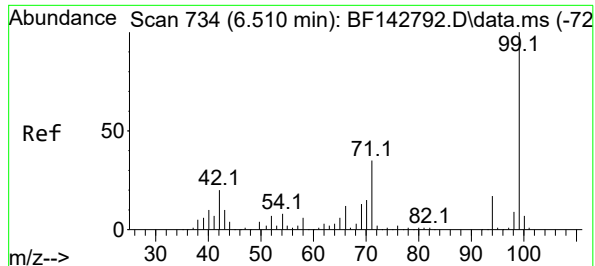
Tgt Ion:152 Resp: 69183
Ion Ratio Lower Upper
152 100
150 158.0 127.2 190.8
115 58.3 46.6 69.8



#5
2-Fluorophenol
Concen: 70.602 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:112 Resp: 293375
Ion Ratio Lower Upper
112 100
64 59.2 48.2 72.2
63 31.0 25.7 38.5

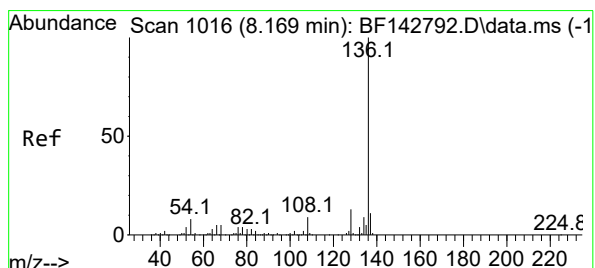
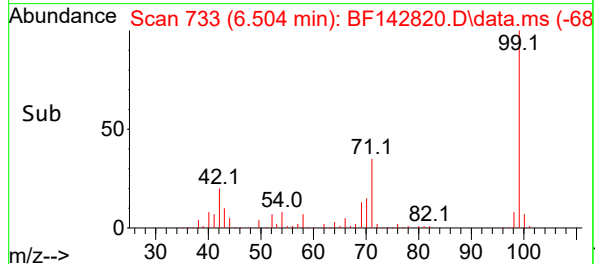
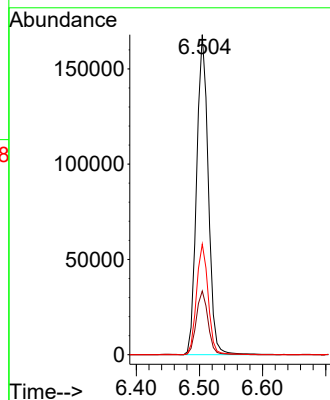
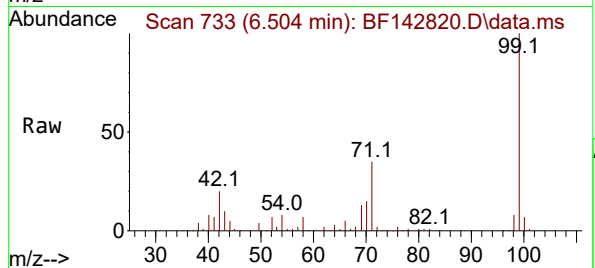




#7
Phenol-d6
Concen: 43.881 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

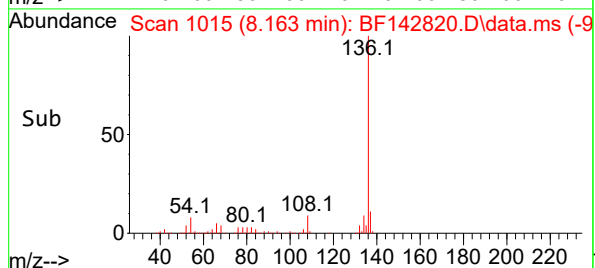
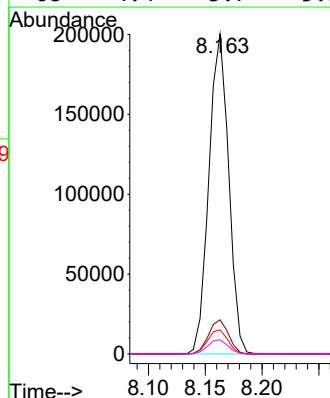
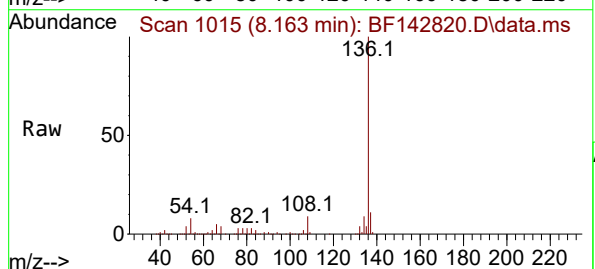
Instrument :
BNA_F
ClientSampleId :
GAV1W

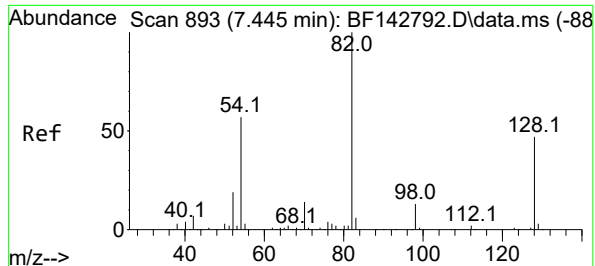
Tgt Ion: 99 Resp: 215123
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 34.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion: 136 Resp: 242235
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 82.254 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142820.D

Acq: 24 Jun 2025 15:28

Instrument :

BNA_F

ClientSampleId :

GAV1W

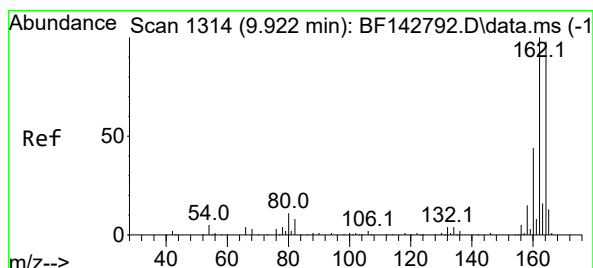
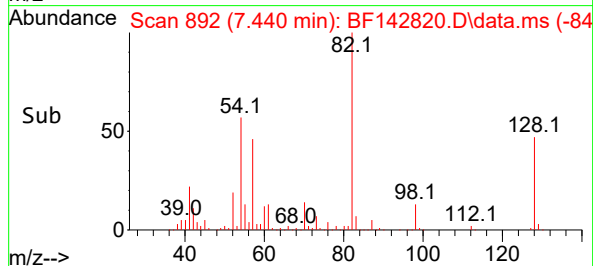
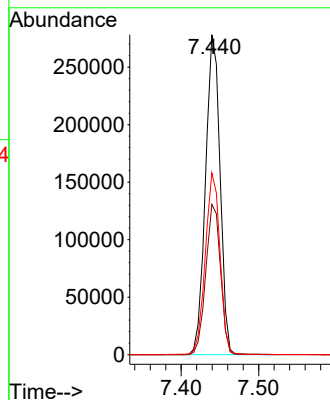
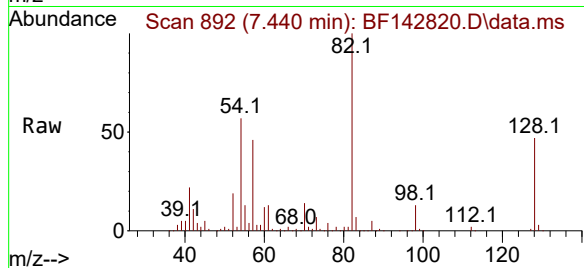
Tgt Ion: 82 Resp: 363253

Ion Ratio Lower Upper

82 100

128 46.9 37.7 56.5

54 56.8 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF142820.D

Acq: 24 Jun 2025 15:28

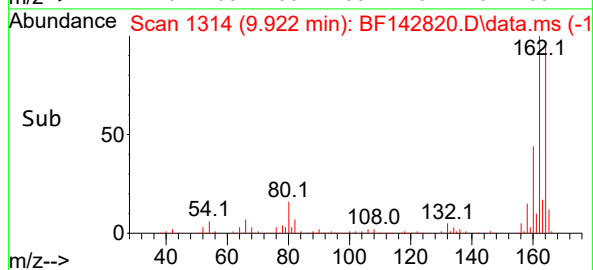
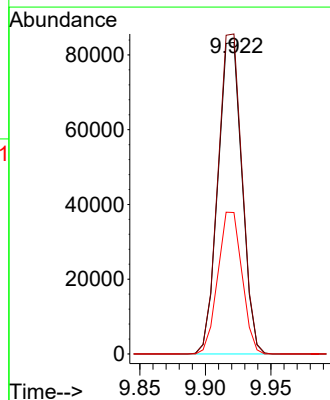
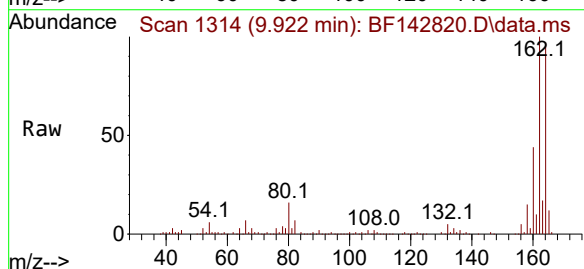
Tgt Ion:164 Resp: 106484

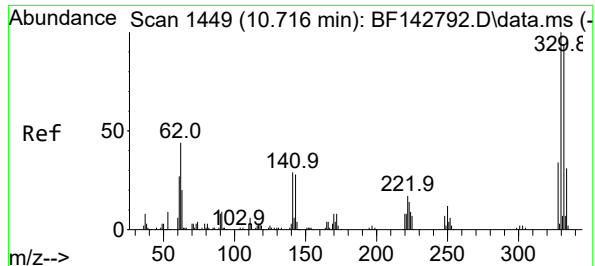
Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.8

160 45.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 132.424 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF142820.D

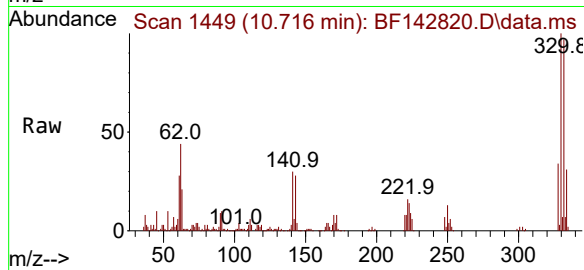
Acq: 24 Jun 2025 15:28

Instrument :

BNA_F

ClientSampleId :

GAV1W



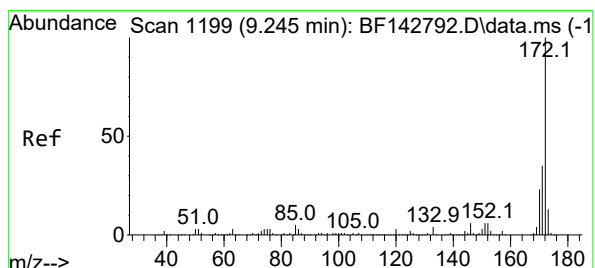
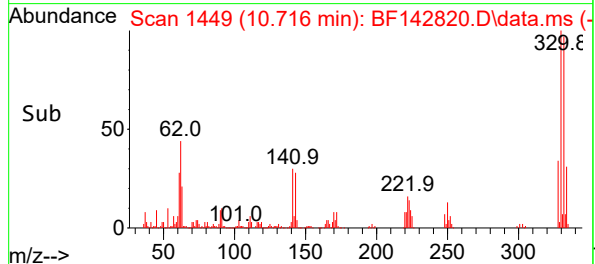
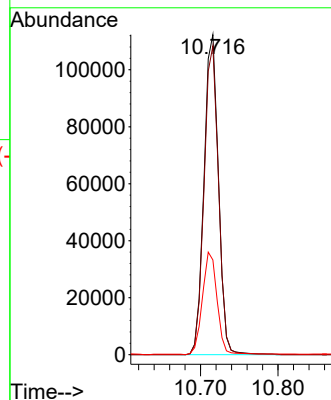
Tgt Ion:330 Resp: 145109

Ion Ratio Lower Upper

330 100

332 96.8 75.0 112.6

141 33.3 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 87.988 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142820.D

Acq: 24 Jun 2025 15:28

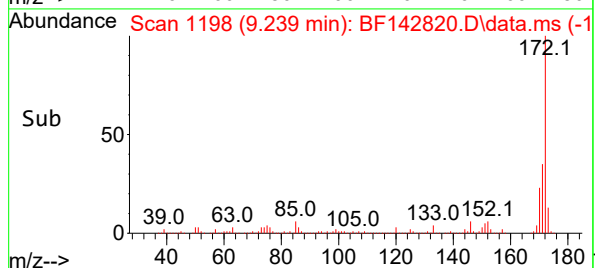
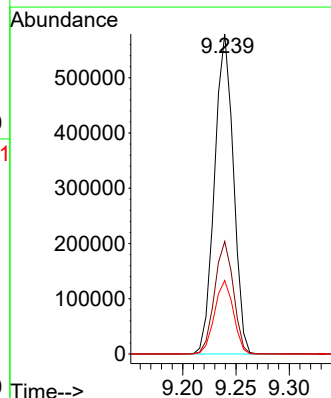
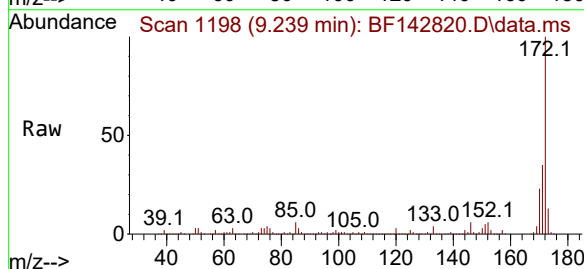
Tgt Ion:172 Resp: 713214

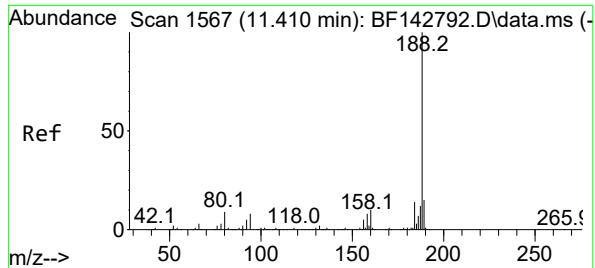
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.0 18.5 27.7

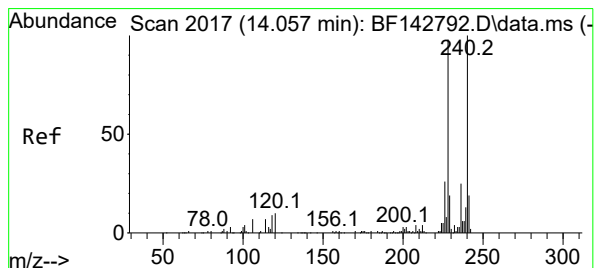
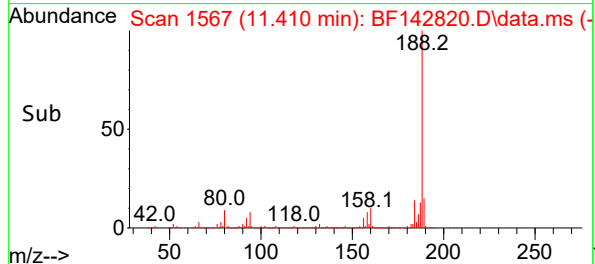
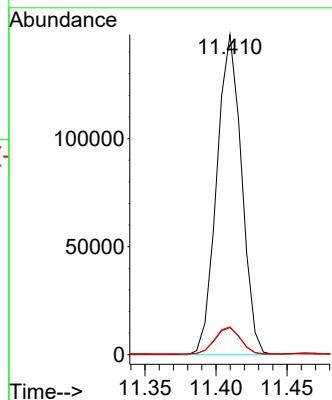
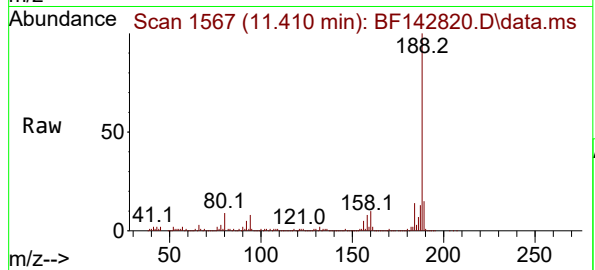




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

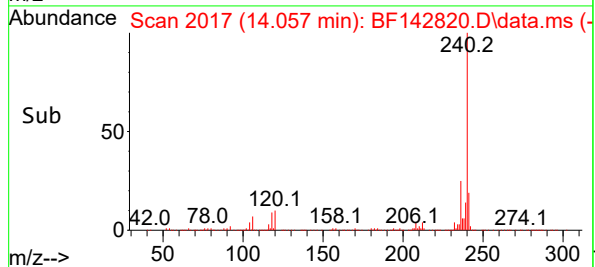
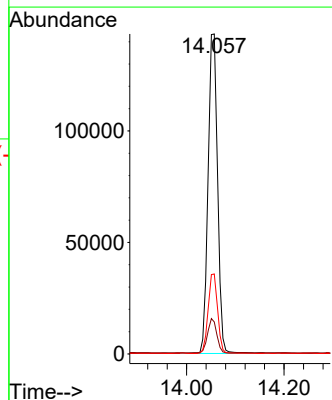
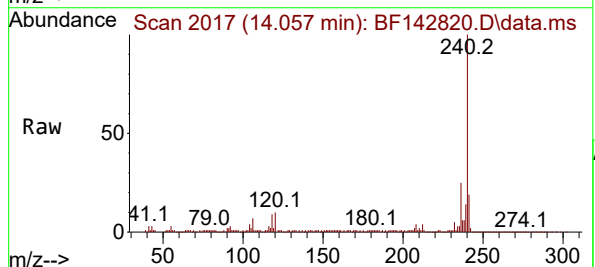
Instrument :
BNA_F
ClientSampleId :
GAV1W

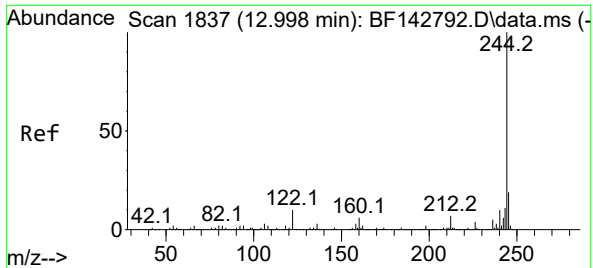
Tgt Ion:188	Resp: 179849
Ion Ratio	Lower Upper
188	100
94	8.5 6.7 10.1
80	8.7 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:240	Resp: 193130
Ion Ratio	Lower Upper
240	100
120	10.0 8.2 12.2
236	25.0 19.8 29.8





#79

Terphenyl-d14

Concen: 47.473 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142820.D

Acq: 24 Jun 2025 15:28

Instrument :

BNA_F

ClientSampleId :

GAV1W

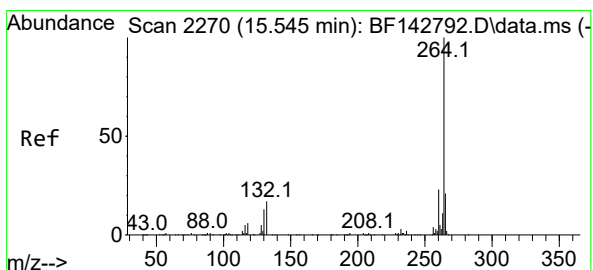
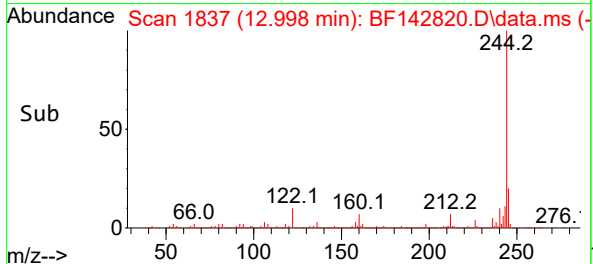
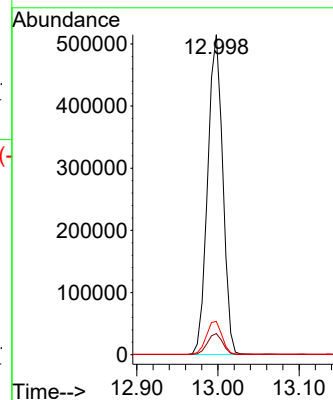
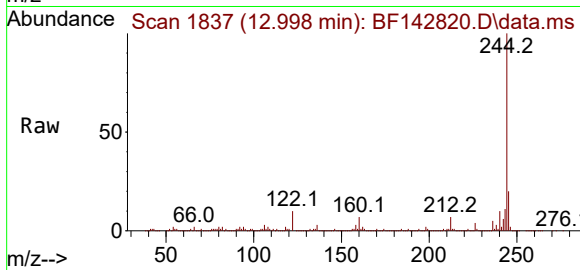
Tgt Ion:244 Resp: 663563

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.4 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142820.D

Acq: 24 Jun 2025 15:28

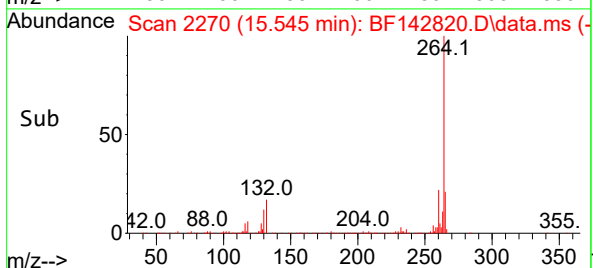
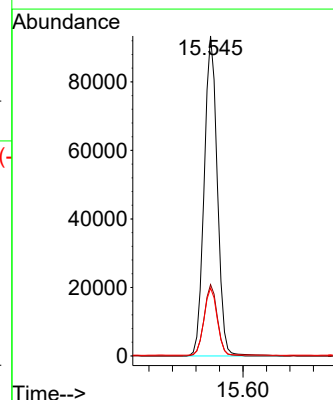
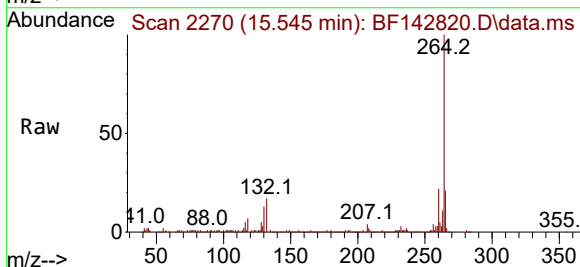
Tgt Ion:264 Resp: 144569

Ion Ratio Lower Upper

264 100

260 22.3 18.1 27.1

265 21.2 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142820.D
 Acq On : 24 Jun 2025 15:28
 Operator : RC/JU
 Sample : Q2372-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GAV1W

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142820.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	556	561	575	rVB	762688	1006374	5.93%	2.576%
2	5.828	612	618	641	rVB	282298	371523	2.19%	0.951%
3	6.504	728	733	745	rVB	482054	614707	3.62%	1.574%
4	6.881	791	797	802	rBV	307995	392587	2.31%	1.005%
5	7.440	877	892	909	rBV2	1273728	3104160	18.30%	7.946%
6	8.069	992	999	1010	rBV	261159	361822	2.13%	0.926%
7	8.163	1010	1015	1020	rVB	387743	470338	2.77%	1.204%
8	9.181	1174	1188	1193	rBV	1651213	4249157	25.05%	10.877%
9	9.239	1193	1198	1202	rVV	1638930	2130040	12.56%	5.453%
10	9.275	1202	1204	1215	rVB	264201	303612	1.79%	0.777%
11	9.681	1268	1273	1285	rVB	775771	1022717	6.03%	2.618%
12	9.916	1308	1313	1318	rVB	349698	449373	2.65%	1.150%
13	10.598	1409	1429	1438	rBV	4246983	16964197	100.00%	43.426%
14	10.669	1438	1441	1444	rVV	234987	329606	1.94%	0.844%
15	10.710	1444	1448	1461	rVB	842321	1204220	7.10%	3.083%
16	11.410	1562	1567	1572	rBV	359841	448603	2.64%	1.148%
17	11.739	1615	1623	1636	rBV	1607680	3006321	17.72%	7.696%
18	12.998	1832	1837	1842	rBV	1336671	1723629	10.16%	4.412%
19	14.051	2012	2016	2028	rVB	377933	518407	3.06%	1.327%
20	15.545	2264	2270	2279	rVB	247992	393595	2.32%	1.008%

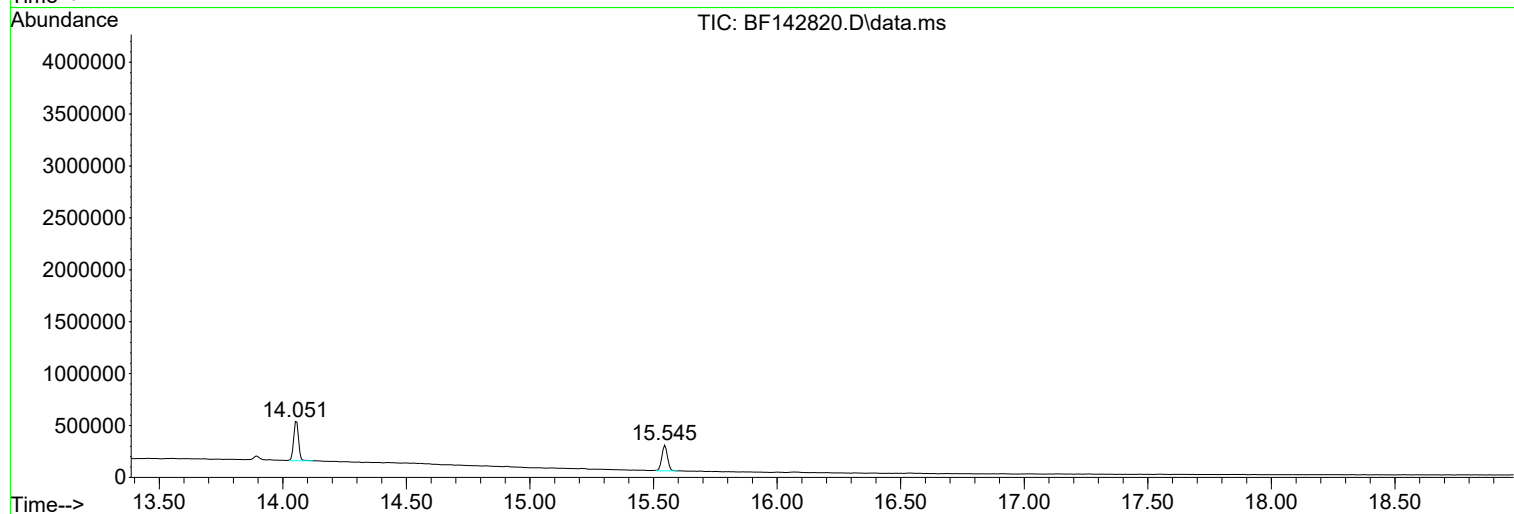
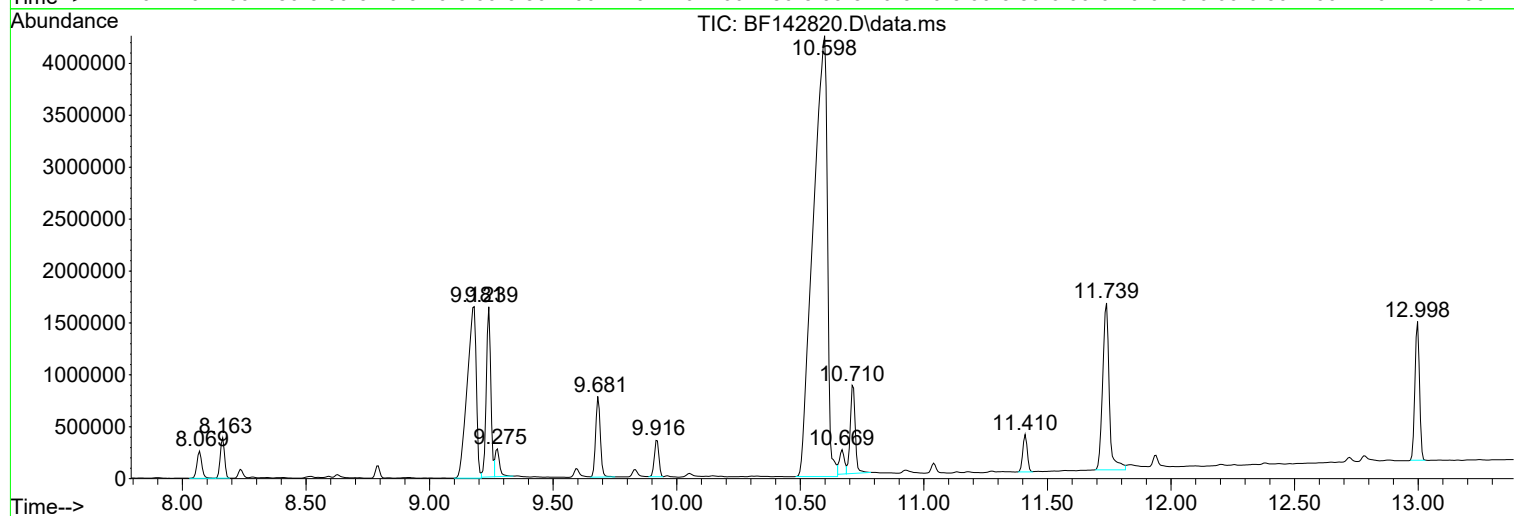
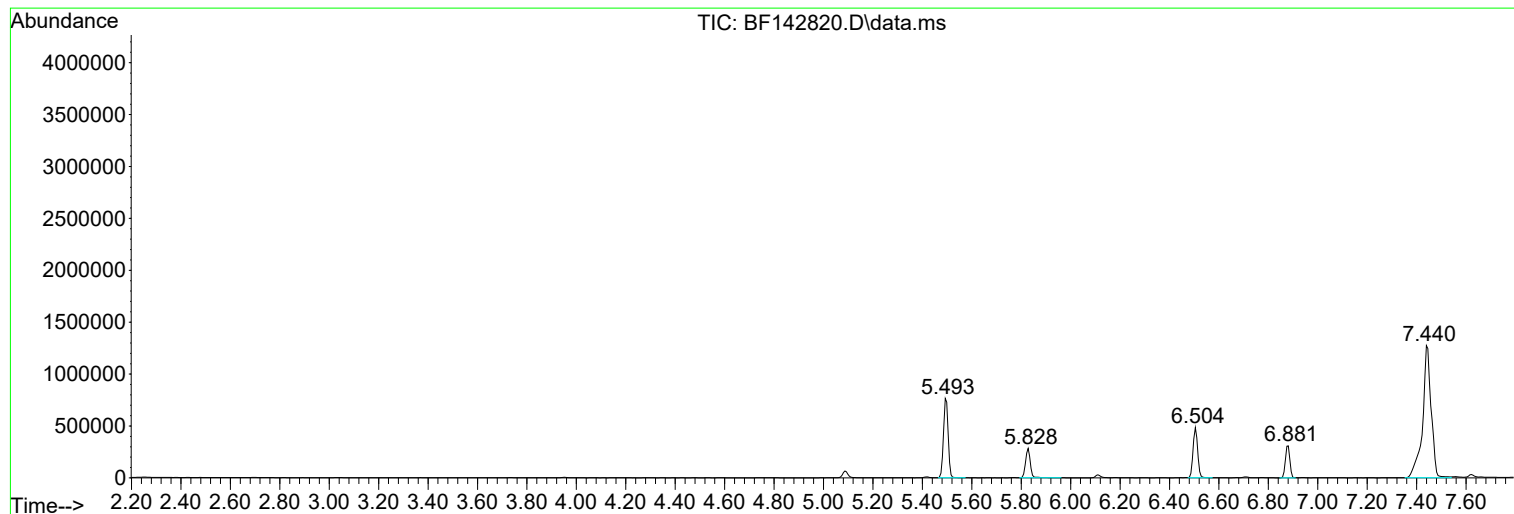
Sum of corrected areas: 39064988

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

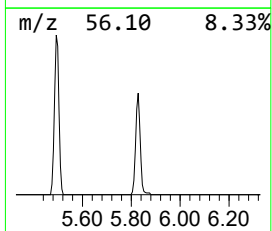
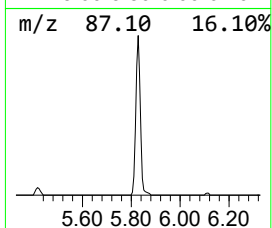
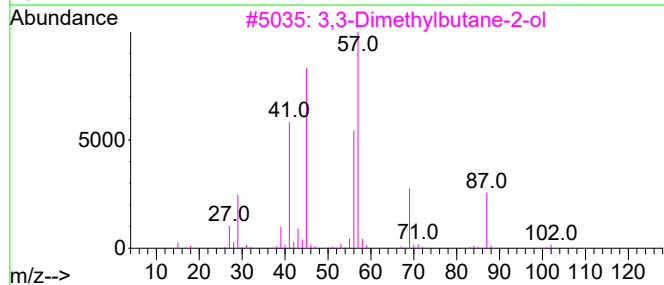
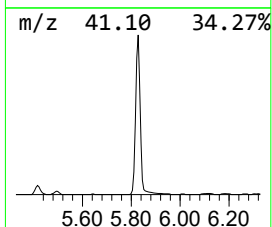
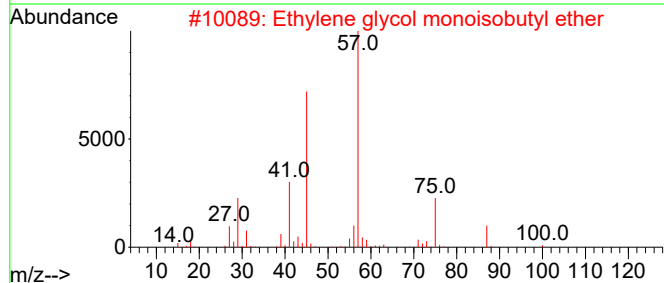
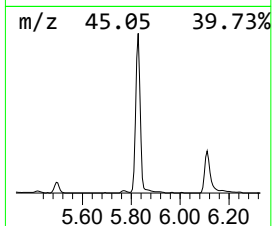
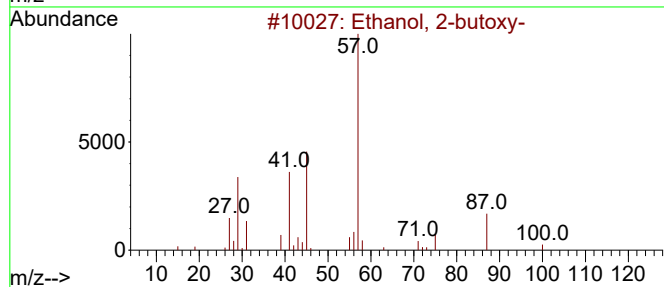
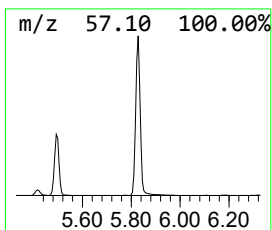
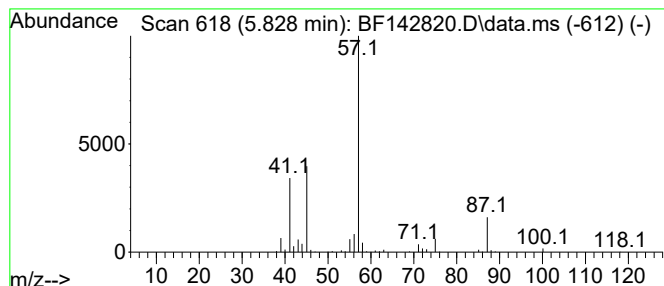
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.828	18.93 ng	371523	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
3			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
4			n-Butyl ether	130	C8H18O	000142-96-1	12
5			Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

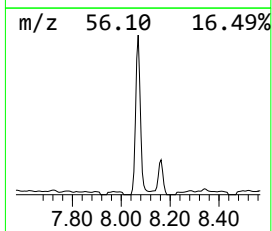
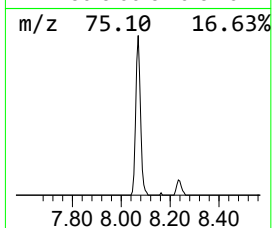
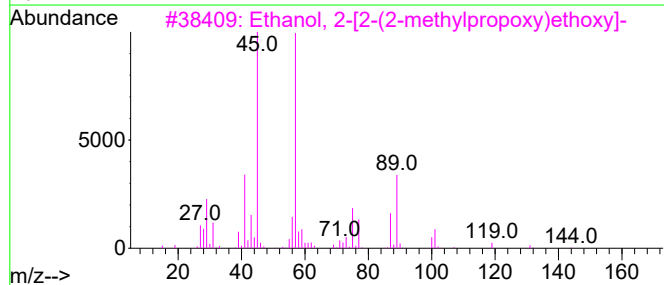
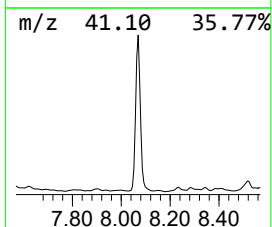
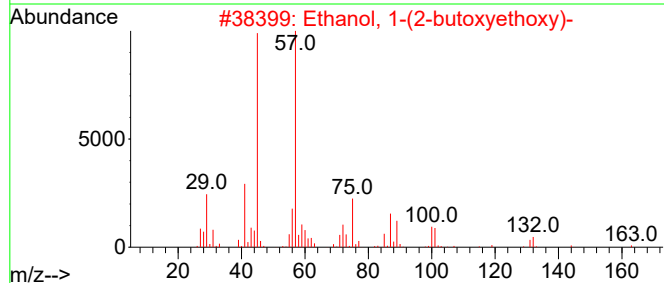
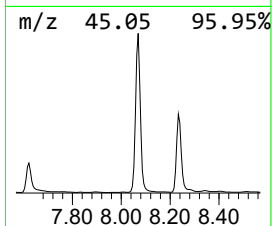
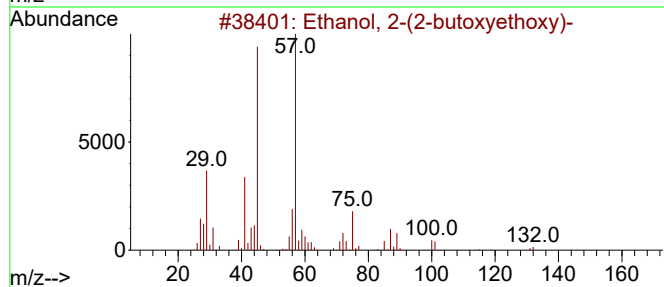
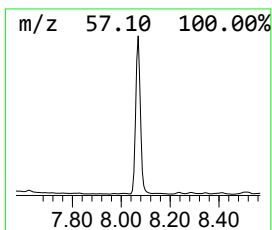
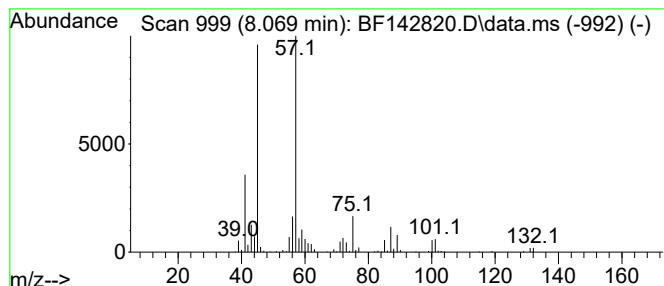
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	15.39 ng	361822	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
5			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

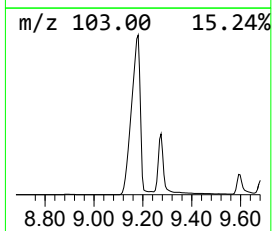
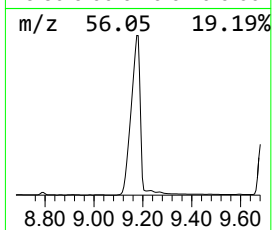
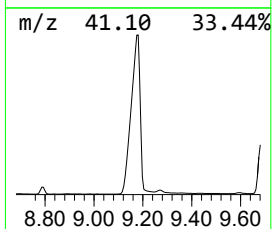
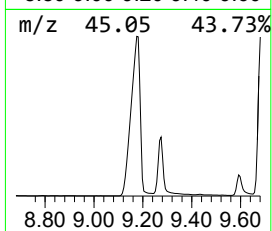
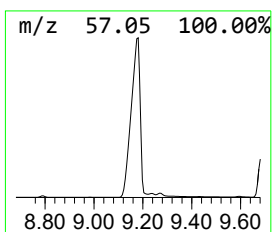
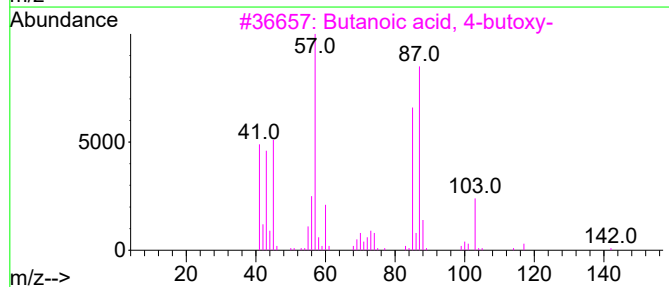
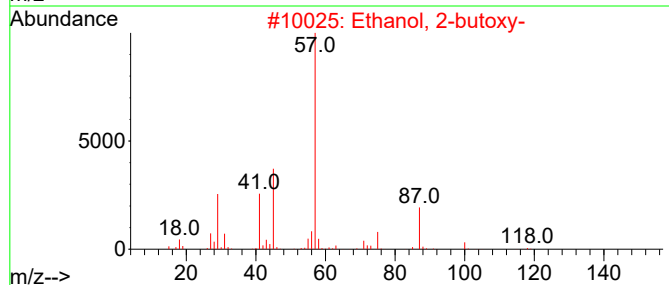
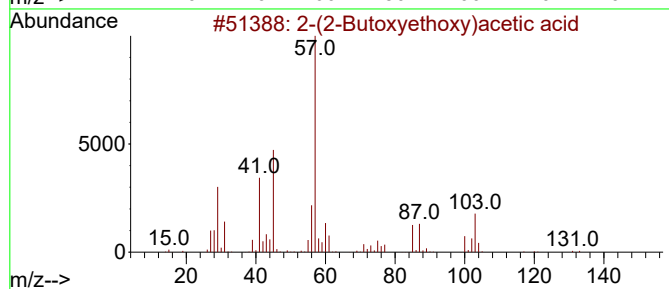
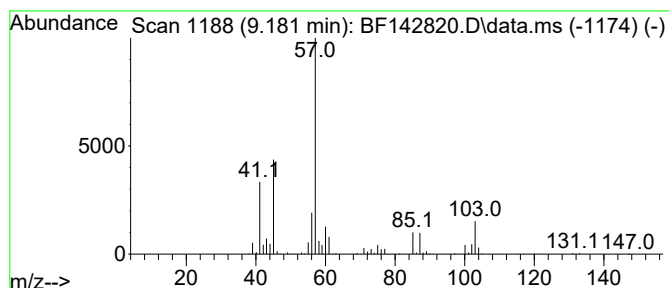
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-(2-Butoxyethoxy)acetic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	189.12 ng	4249160	Acenaphthene-d10	9.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-(2-Butoxyethoxy)acetic acid	176	C8H16O4	082941-26-2	72
2		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	43
3		Butanoic acid, 4-butoxy-	160	C8H16O3	055724-73-7	42
4		Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	40
5		Isobutyl pentan-2-yl carbonate	188	C10H20O3	1010372-76-8	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

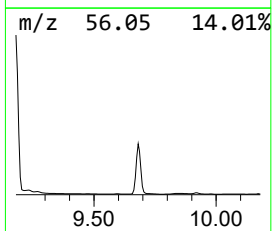
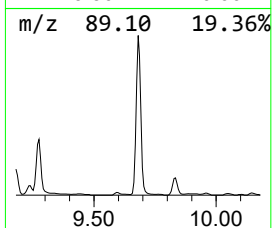
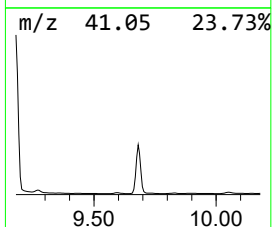
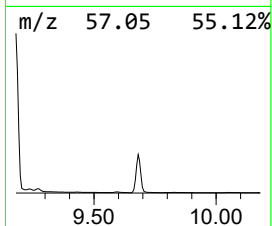
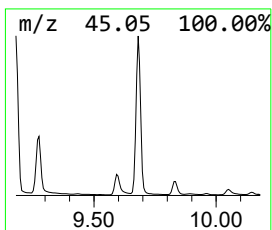
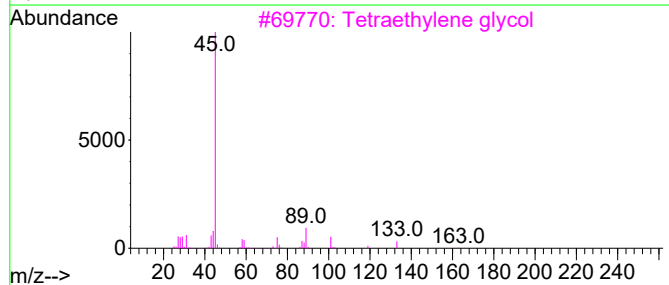
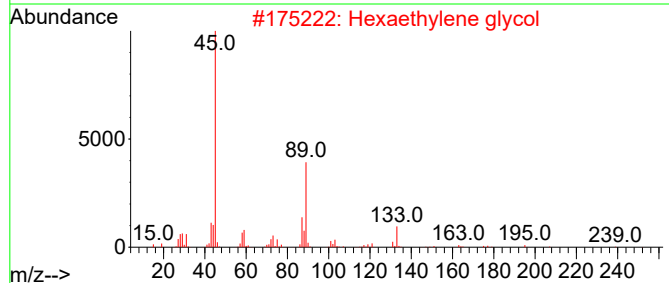
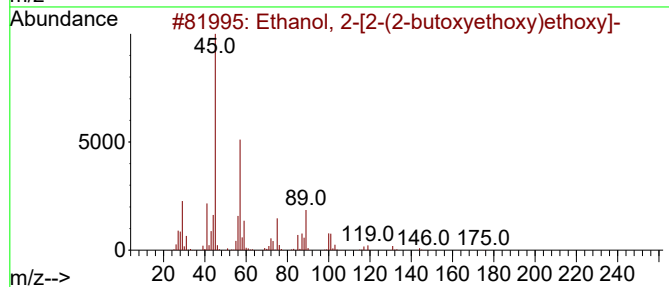
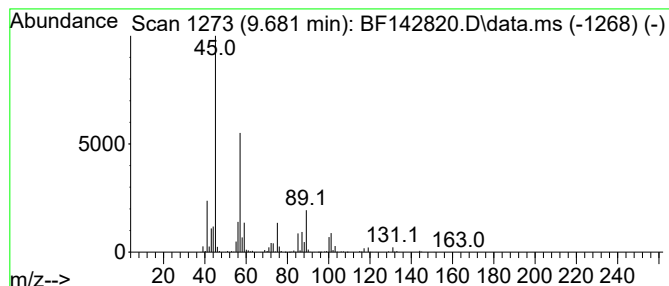
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.681	45.52 ng	1022720	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2			Hexaethylene glycol	282	C12H26O7	002615-15-8	80
3			Tetraethylene glycol	194	C8H18O5	000112-60-7	72
4			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5			Ethanol, 2-[2-(ethenyloxy)ethoxy]-	132	C6H12O3	000929-37-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

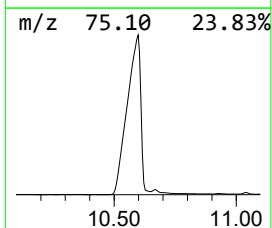
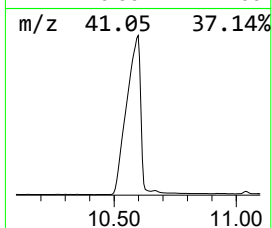
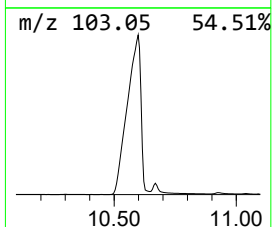
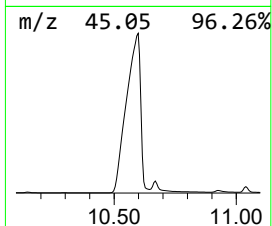
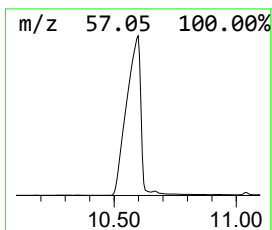
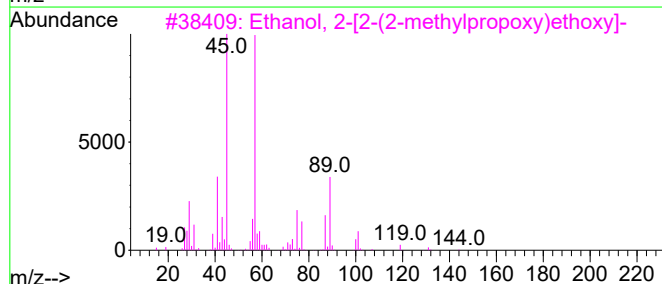
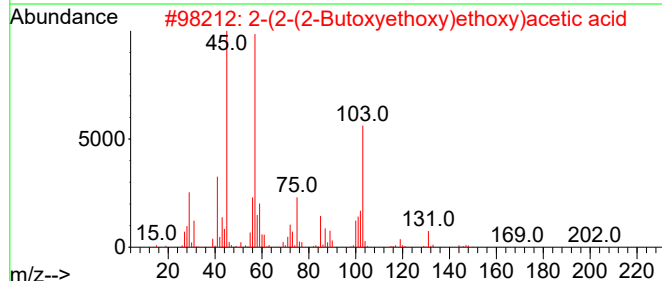
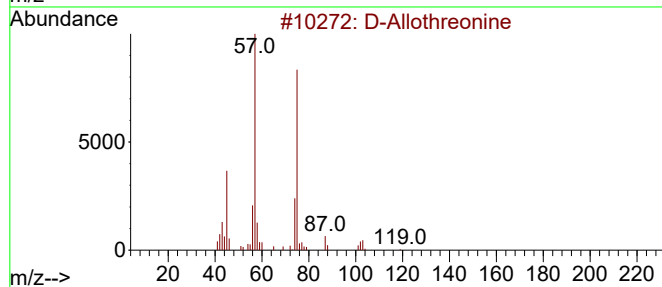
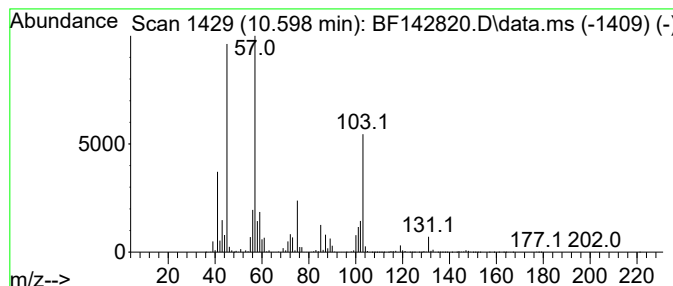
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 D-Allothreonine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	755.02 ng	16964200	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Allothreonine	119	C4H9NO3	024830-94-2	64
2			2-(2-(2-Butoxyethoxy)ethoxy)acet...	220	C10H20O5	075427-76-8	58
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
4			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
5			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

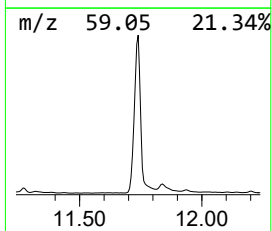
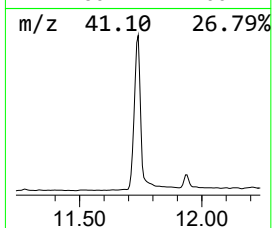
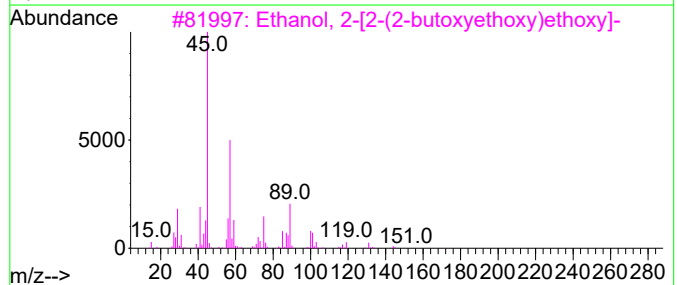
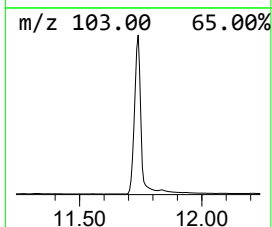
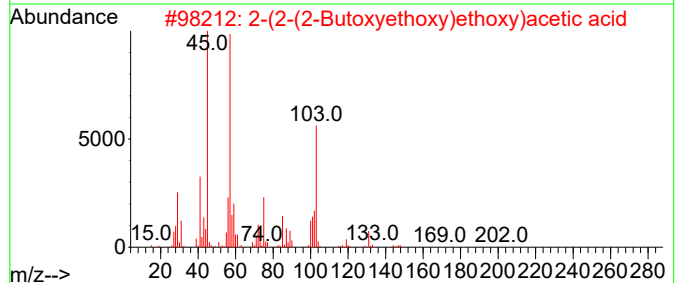
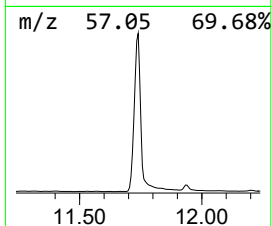
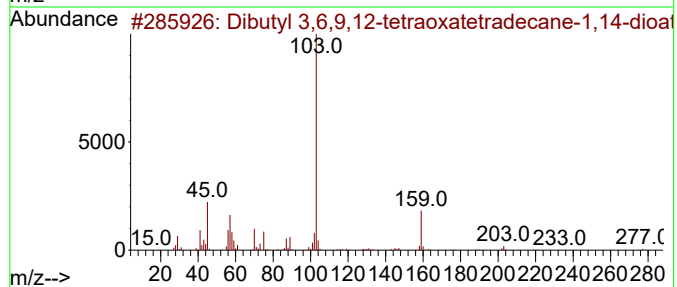
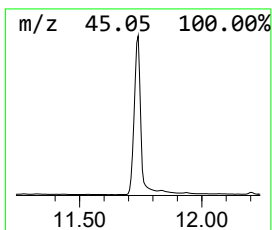
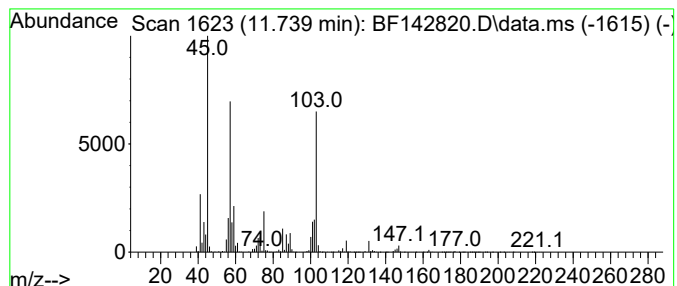
Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibutyl 3,6,9,12-tetraoxate... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.739	134.03 ng	3006320	Phenanthrene-d10	11.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutyl 3,6,9,12-tetraoxatetradecane-1,14-dioat	378	C18H34O8	1010366-80-2	59
2	2-(2-(2-Butoxyethoxy)ethoxy)acet...	220	C10H20O5	075427-76-8	47
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	47
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	43
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-butoxy-	5.828	18.9	ng	371523	1	6.881	392587	20.0
Ethanol, 2-(2-b...	8.069	15.4	ng	361822	2	8.163	470338	20.0
2-(2-Butoxyetho...	9.181	189.1	ng	4249160	3	9.922	449373	20.0
Ethanol, 2-[2-(...	9.681	45.5	ng	1022720	3	9.922	449373	20.0
D-Allothreonine	10.598	755.0	ng	16964200	3	9.922	449373	20.0
Dibutyl 3,6,9,1...	11.739	134.0	ng	3006320	4	11.410	448603	20.0



CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date(s): 06/19/2025 06/19/2025

Calibration Time(s): 17:07 20:40

LAB FILE ID:		RRF2.5 = BF142788.D			RRF005 = BF142789.D		RRF010 = BF142790.D	
		RRF020 = BF142791.D			RRF040 = BF142792.D		RRF050 = BF142793.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.238	1.230	1.230	1.149	1.263	1.201	4.3
Benzaldehyde			0.988	0.943	0.757	0.832	0.841	15.0
Phenol-d6		1.512	1.481	1.423	1.340	1.480	1.417	5.5
bis(2-Chloroethyl)ether		1.167	1.133	1.134	1.072	1.183	1.126	3.7
2,2-oxybis(1-Chloropropane)		1.975	1.869	1.815	1.723	1.879	1.809	6.1
Acetophenone		0.464	0.451	0.459	0.418	0.461	0.441	5.3
n-Nitroso-di-n-propylamine	0.831	0.879	0.840	0.833	0.787	0.847	0.824	4.3
Nitrobenzene-d5		0.369	0.362	0.373	0.354	0.386	0.365	3.5
Hexachloroethane		0.533	0.521	0.507	0.499	0.539	0.511	3.9
Nitrobenzene		0.345	0.325	0.332	0.319	0.349	0.330	3.9
Isophorone		0.611	0.582	0.592	0.555	0.616	0.585	4.2
bis(2-Chloroethoxy)methane		0.386	0.373	0.383	0.355	0.390	0.372	4.1
Naphthalene		1.051	1.002	1.004	0.934	1.017	0.979	5.5
4-Chloroaniline		0.414	0.408	0.409	0.379	0.421	0.398	5.3
Hexachlorobutadiene		0.195	0.188	0.198	0.184	0.200	0.190	4.3
Caprolactam			0.073	0.075	0.072	0.081	0.075	5.8
2-Methylnaphthalene		0.655	0.621	0.629	0.579	0.631	0.607	6.1
Hexachlorocyclopentadiene			0.235	0.308	0.336	0.365	0.335	17.0
2-Fluorobiphenyl		1.740	1.636	1.592	1.430	1.500	1.522	9.2
1,1-Biphenyl		1.701	1.616	1.637	1.505	1.609	1.580	5.3
2-Chloronaphthalene		1.300	1.202	1.208	1.129	1.209	1.186	5.5
2-Nitroaniline		0.321	0.329	0.337	0.324	0.358	0.332	3.9
Dimethylphthalate		1.372	1.334	1.330	1.228	1.335	1.295	5.2
Acenaphthylene		2.110	2.006	2.011	1.861	1.995	1.952	5.6
2,6-Dinitrotoluene		0.297	0.279	0.290	0.277	0.294	0.284	3.6
3-Nitroaniline		0.311	0.311	0.316	0.302	0.338	0.313	4.5
Acenaphthene		1.247	1.199	1.241	1.142	1.228	1.191	4.4
Dibenzofuran		1.844	1.772	1.763	1.626	1.752	1.708	6.1
2,4-Dinitrotoluene		0.373	0.378	0.397	0.367	0.407	0.378	5.9
Diethylphthalate		1.328	1.302	1.319	1.211	1.318	1.269	5.5
4-Chlorophenyl-phenylether		0.713	0.656	0.669	0.599	0.640	0.636	7.6
Fluorene		1.464	1.412	1.395	1.260	1.362	1.334	7.6
4-Nitroaniline		0.279	0.276	0.297	0.272	0.316	0.286	6.5
n-Nitrosodiphenylamine		0.736	0.686	0.710	0.670	0.717	0.693	4.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372
 Instrument ID: BNA_F Calibration Date(s): 06/19/2025 06/19/2025
 Calibration Time(s): 17:07 20:40

LAB FILE ID:		RRF2.5 = BF142788.D			RRF005 = BF142789.D		RRF010 = BF142790.D	
		RRF020 = BF142791.D			RRF040 = BF142792.D		RRF050 = BF142793.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,4,6-Tribromophenol		0.208	0.207	0.214	0.200	0.219	0.206	5.0
4-Bromophenyl-phenylether		0.231	0.221	0.235	0.218	0.236	0.228	3.0
Hexachlorobenzene		0.263	0.248	0.257	0.241	0.262	0.253	3.3
Atrazine		0.176	0.172	0.180	0.174	0.195	0.179	4.5
Phenanthrene		1.183	1.113	1.115	1.031	1.122	1.083	6.2
Anthracene		1.226	1.123	1.149	1.064	1.140	1.111	6.3
Carbazole		1.040	0.986	0.999	0.900	1.002	0.959	6.7
Di-n-butylphthalate		0.997	1.006	1.045	0.946	1.073	0.999	4.9
Fluoranthene		1.136	1.088	1.090	0.954	1.059	1.028	8.4
Pyrene		2.110	1.940	1.968	1.742	2.030	1.875	11.4
Terphenyl-d14		1.691	1.556	1.533	1.327	1.535	1.447	13.3
Butylbenzylphthalate		0.478	0.470	0.538	0.547	0.613	0.544	10.0
3,3-Dichlorobenzidine			0.398	0.440	0.429	0.476	0.438	5.7
Benzo (a) anthracene		1.392	1.358	1.366	1.265	1.403	1.349	4.0
Chrysene		1.243	1.191	1.208	1.164	1.295	1.204	4.2
Bis(2-ethylhexyl)phthalate		0.650	0.675	0.767	0.803	0.861	0.782	11.5
Di-n-octyl phthalate			1.207	1.352	1.463	1.610	1.475	11.5
Benzo (b) fluoranthene		1.164	1.220	1.226	1.072	1.152	1.157	5.6
Benzo (k) fluoranthene		1.206	1.004	1.035	1.037	1.193	1.083	7.5
Benzo (a) pyrene		1.142	1.065	1.124	1.069	1.201	1.118	4.4
Indeno (1,2,3-cd) pyrene		1.528	1.488	1.545	1.474	1.648	1.523	4.4
Dibenzo (a,h) anthracene		1.249	1.214	1.293	1.180	1.337	1.238	5.1
Benzo (g,h,i) perylene		1.239	1.198	1.266	1.188	1.332	1.234	4.7
1,2,4,5-Tetrachlorobenzene		0.626	0.609	0.602	0.557	0.598	0.590	4.3
1,4-Dioxane		0.479	0.499	0.471	0.461	0.509	0.480	3.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
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 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jun 20 04:37:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

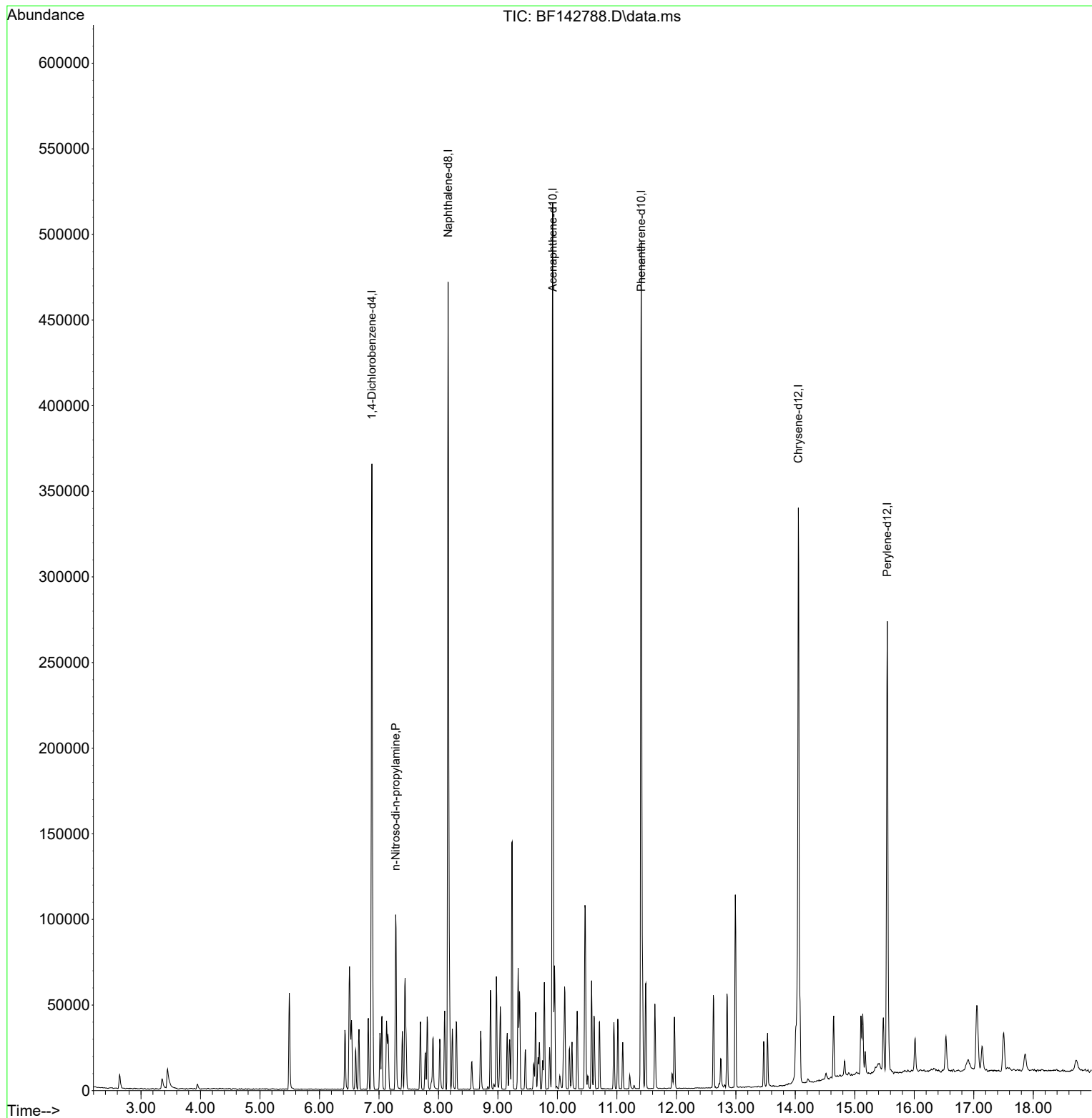
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	77977	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	295295	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	153580	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	258429	20.000	ng	0.00
76) Chrysene-d12	14.051	240	149767	20.000	ng	0.00
86) Perylene-d12	15.545	264	154736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.281	70	8100	2.392	ng	Qvalue 97

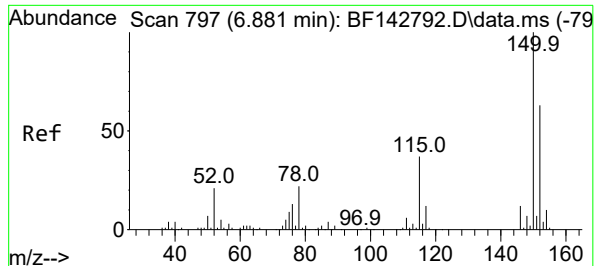
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142788.D
Acq On : 19 Jun 2025 17:07
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

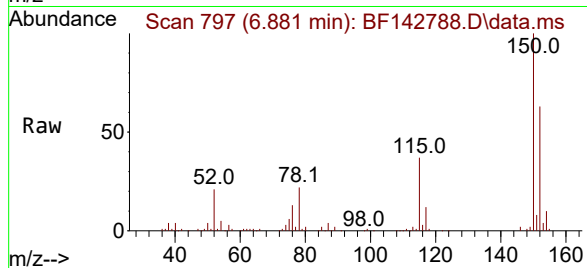
Quant Time: Jun 20 04:37:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration



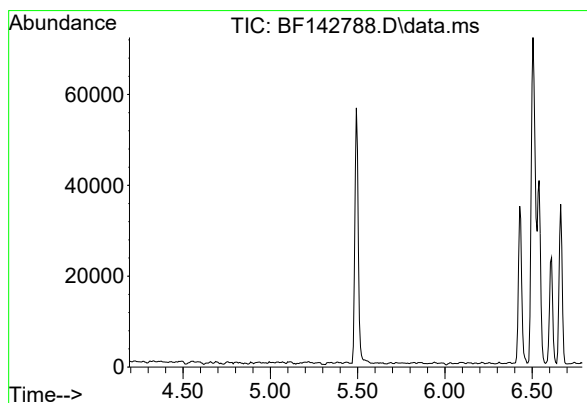
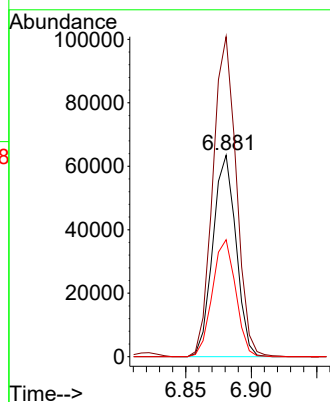
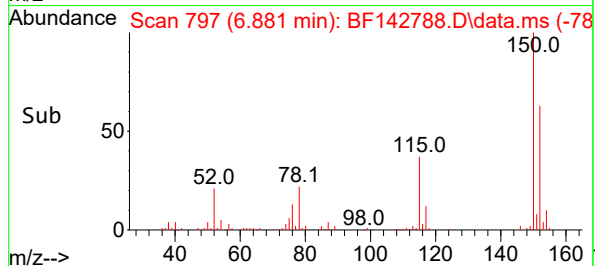


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



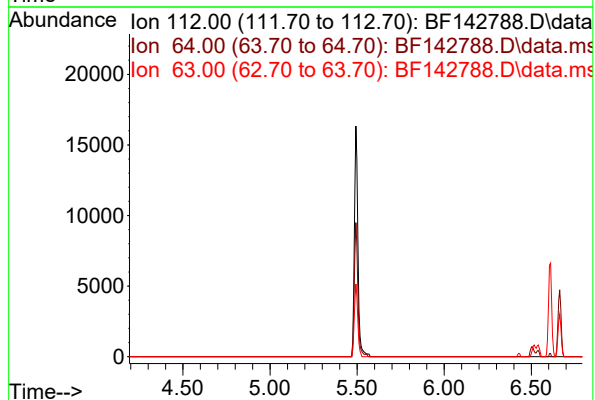
Tgt Ion:152 Resp: 77977
Ion Ratio Lower Upper
152 100
150 158.8 127.2 190.8
115 58.1 46.6 69.8

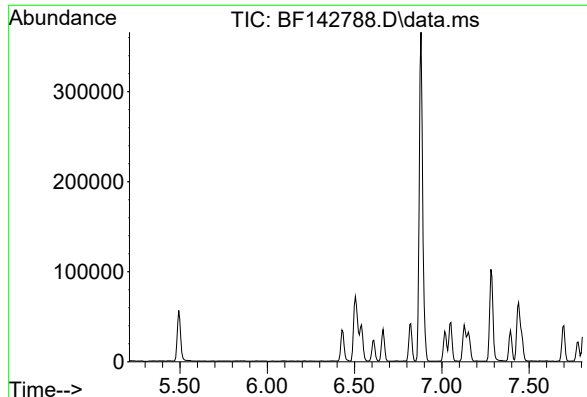


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion: 112
Sig Exp Ratio
112 100
64 60.2
63 32.1





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.51 min

Lab File: BF142788.D

Acq: 19 Jun 2025 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

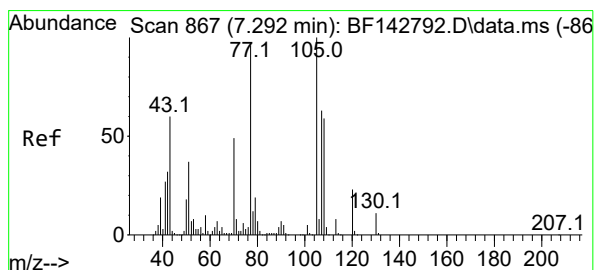
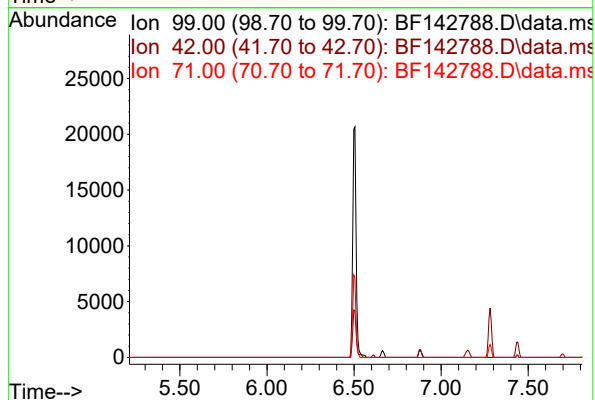
Tgt Ion: 99

Sig Exp Ratio

99 100

42 19.9

71 34.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.392 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF142788.D

Acq: 19 Jun 2025 17:07

Tgt Ion: 70 Resp: 8100

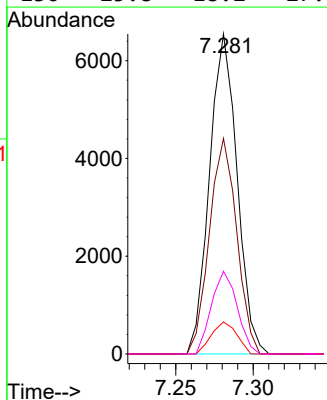
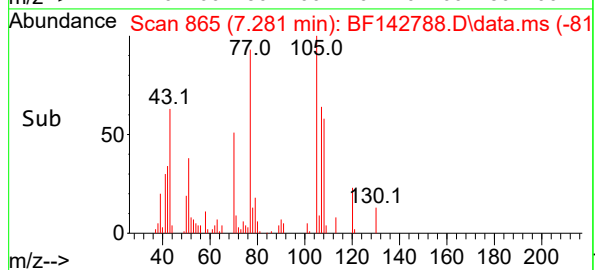
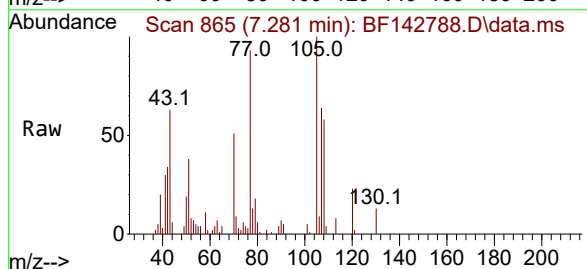
Ion Ratio Lower Upper

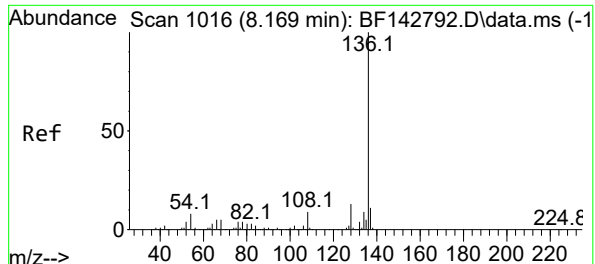
70 100

42 67.3 52.1 78.1

101 10.0 8.2 12.2

130 25.8 18.2 27.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142788.D

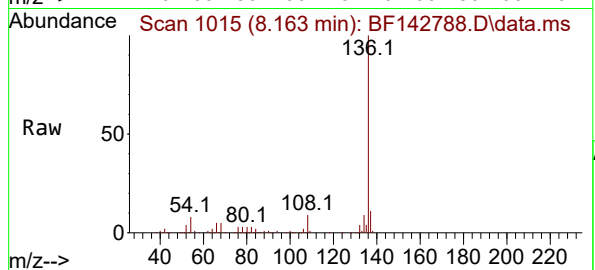
Acq: 19 Jun 2025 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 295295

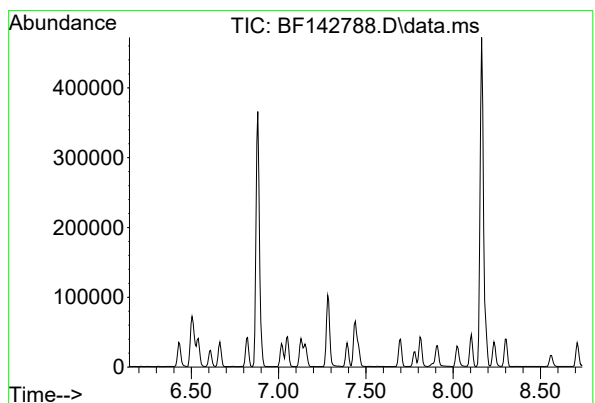
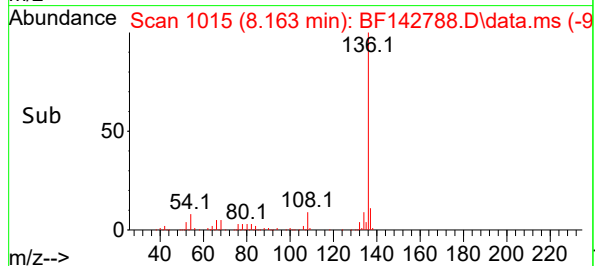
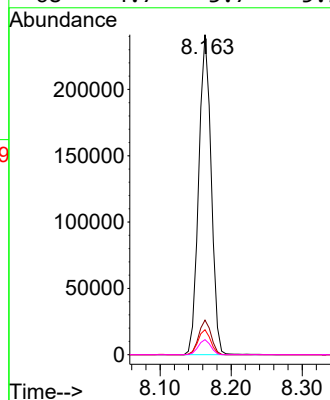
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.8 6.3 9.5

68 4.7 3.7 5.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF142788.D

Acq: 19 Jun 2025 17:07

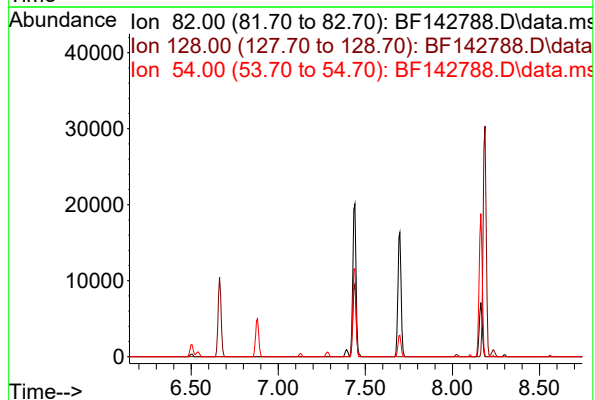
Tgt Ion: 82

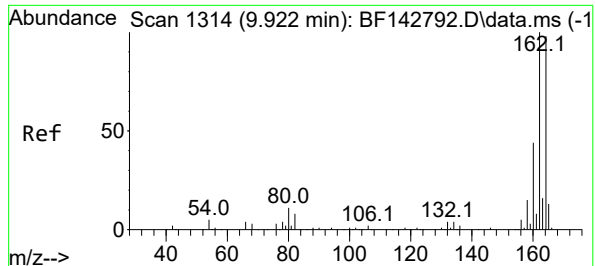
Sig Exp Ratio

82 100

128 47.1

54 57.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142788.D

Acq: 19 Jun 2025 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

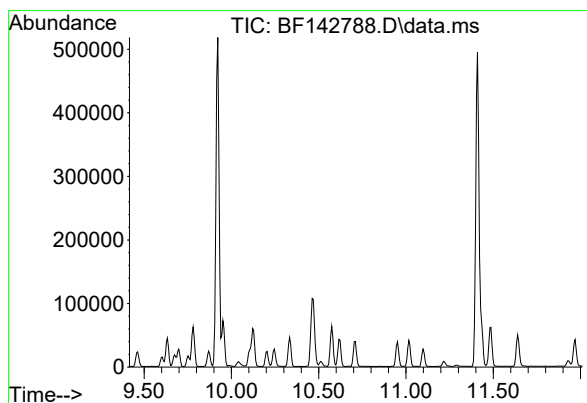
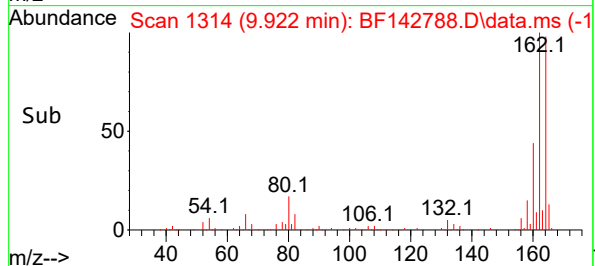
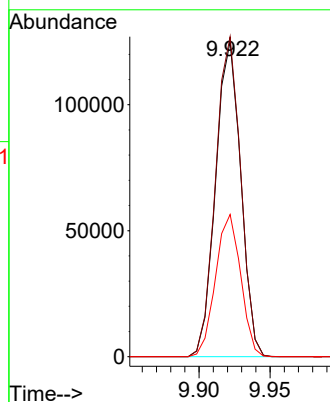
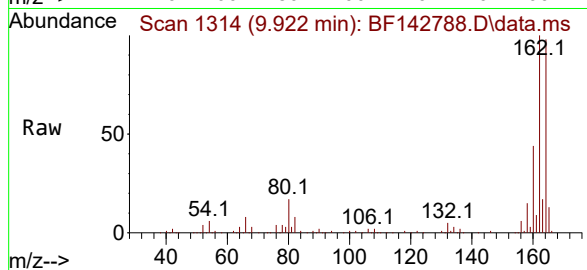
Tgt Ion:164 Resp: 153580

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.8

160 45.1 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF142788.D

Acq: 19 Jun 2025 17:07

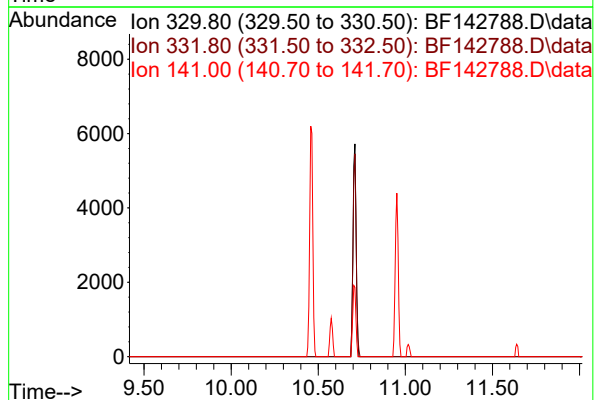
Tgt Ion: 330

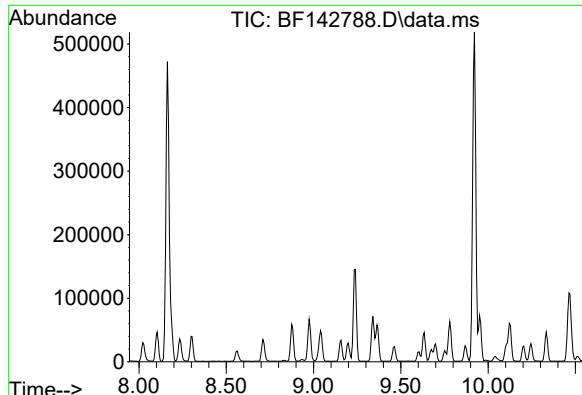
Sig Exp Ratio

330 100

332 93.8

141 31.6





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.25 min

Lab File: BF142788.D

Acq: 19 Jun 2025 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

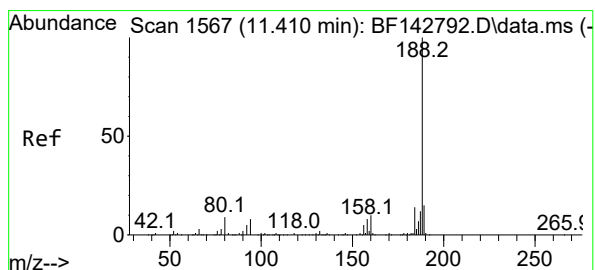
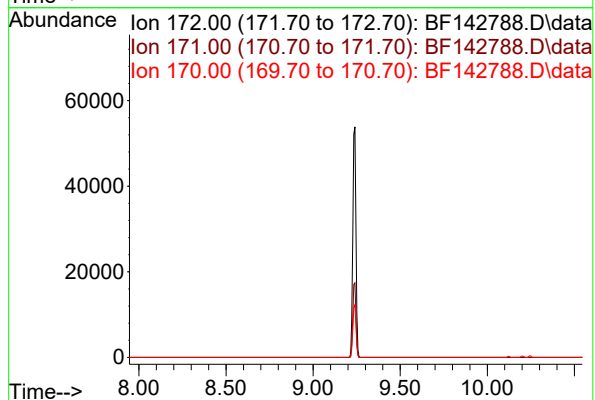
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.3

170 23.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF142788.D

Acq: 19 Jun 2025 17:07

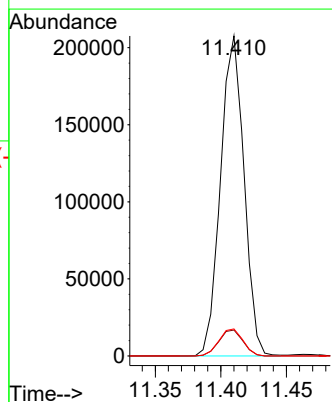
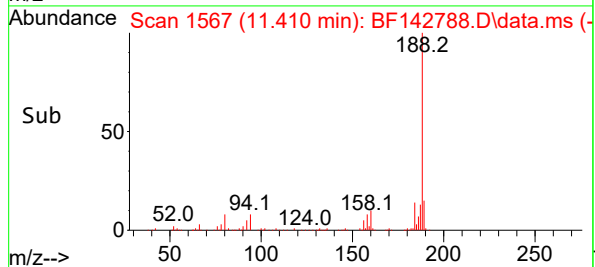
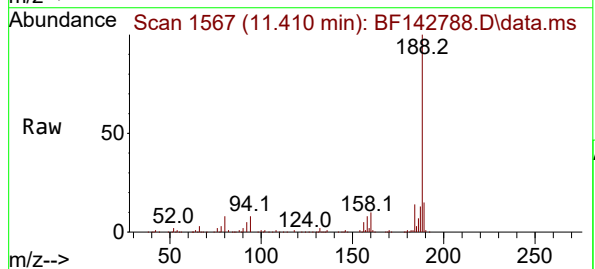
Tgt Ion: 188 Resp: 258429

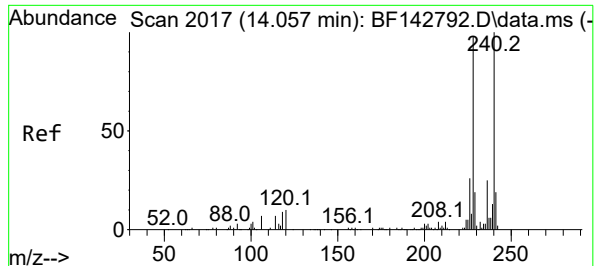
Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

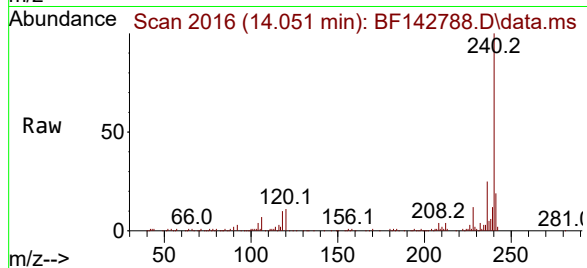
80 8.5 6.9 10.3



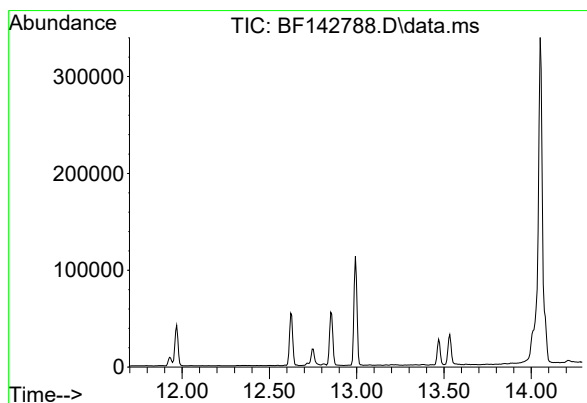
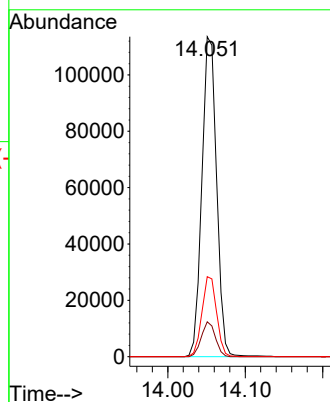
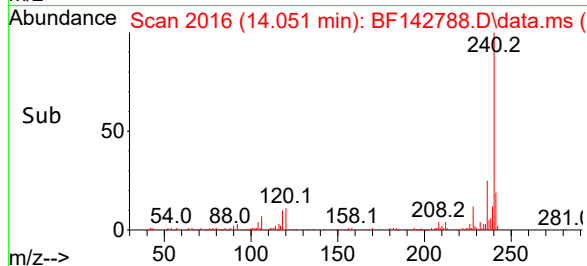


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



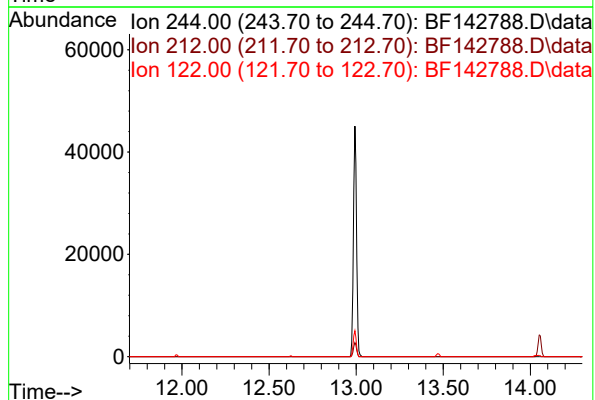
Tgt Ion:240 Resp: 149767
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 25.0 19.8 29.8

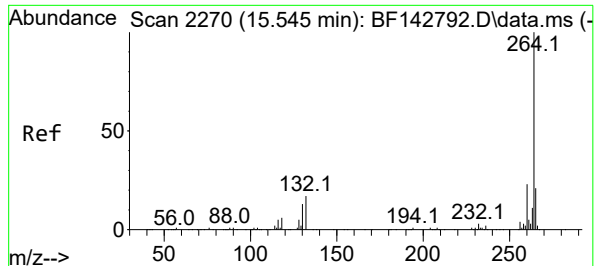


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.7
122 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142788.D

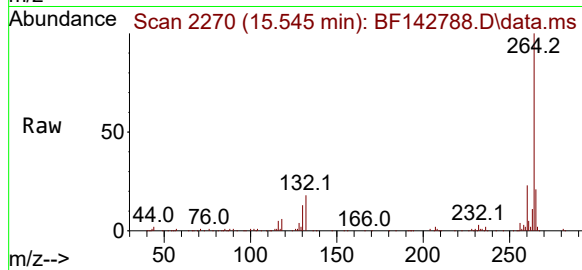
Acq: 19 Jun 2025 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



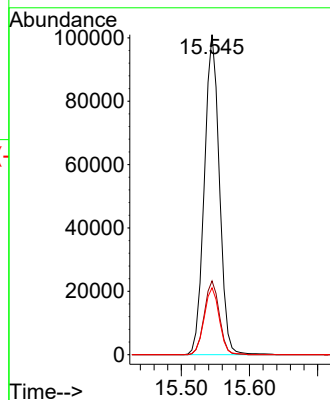
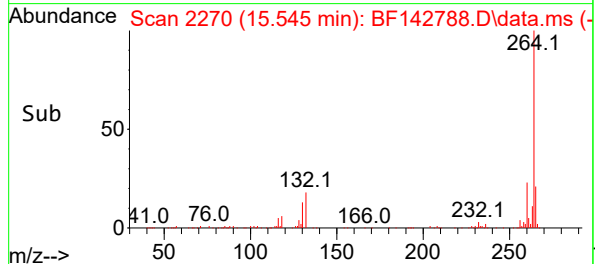
Tgt Ion:264 Resp: 154736

Ion Ratio Lower Upper

264 100

260 23.1 18.1 27.1

265 20.9 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142789.D
 Acq On : 19 Jun 2025 17:38
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Jun 20 04:37:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	80144	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	305306	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162729	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277233	20.000	ng	0.00
76) Chrysene-d12	14.051	240	151689	20.000	ng	0.00
86) Perylene-d12	15.545	264	132284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	49599	10.555	ng	0.00
7) Phenol-d6	6.498	99	60590	10.981	ng	-0.01
23) Nitrobenzene-d5	7.439	82	56291	10.106	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	16892	9.551	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	141565	11.573	ng	0.00
79) Terphenyl-d14	12.992	244	128289	11.771	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	9589	5.139	ng	95
3) Pyridine	3.434	79	23835	5.102	ng	98
6) Aniline	6.540	93	39088	5.286	ng	97
8) 2-Chlorophenol	6.663	128	27282	5.332	ng	96
10) Phenol	6.516	94	33027	5.369	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	23378	5.122	ng	99
12) 1,3-Dichlorobenzene	6.822	146	30770	5.281	ng	99
13) 1,4-Dichlorobenzene	6.898	146	31311	5.302	ng	99
14) 1,2-Dichlorobenzene	7.051	146	29215	5.175	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	39577	5.503	ng	99
17) 2-Methylphenol	7.128	107	20336	5.199	ng	99
18) Hexachloroethane	7.392	117	10670	5.054	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	17612	5.061	ng	98
22) Acetophenone	7.281	105	35396	5.240	ng	95
24) Nitrobenzene	7.457	77	26353	5.324	ng	98
25) Isophorone	7.698	82	46673	4.997	ng	99
26) 2-Nitrophenol	7.781	139	12914	4.682	ng	99
27) 2,4-Dimethylphenol	7.810	122	24614	5.242	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	29467	5.068	ng	99
29) 2,4-Dichlorophenol	8.022	162	22222	5.134	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	24724	5.171	ng	98
31) Naphthalene	8.187	128	80247	5.344	ng	99
33) 4-Chloroaniline	8.234	127	31626	5.256	ng	98
34) Hexachlorobutadiene	8.304	225	14900	4.918	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	22861	5.113	ng	98
37) 2-Methylnaphthalene	8.875	142	50024	5.281	ng	99
38) 1-Methylnaphthalene	8.975	142	52193	5.307	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	25456	5.419	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	15667	5.154	ng	100
44) 2,4,5-Trichlorophenol	9.192	196	16563	5.045	ng	97
46) 1,1'-Biphenyl	9.339	154	69218	5.478	ng	99
47) 2-Chloronaphthalene	9.363	162	52868	5.670	ng	98
48) 2-Nitroaniline	9.457	65	13076	4.937	ng	96
49) Acenaphthylene	9.781	152	85856	5.477	ng	99
50) Dimethylphthalate	9.633	163	55804	5.170	ng	99
51) 2,6-Dinitrotoluene	9.698	165	12080	5.163	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142789.D
 Acq On : 19 Jun 2025 17:38
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

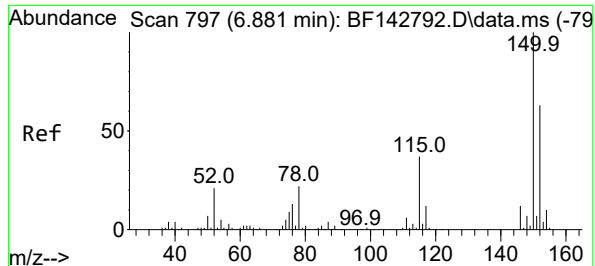
Quant Time: Jun 20 04:37:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.951	154	50726	5.230	ng	97
53) 3-Nitroaniline	9.869	138	12667	4.984	ng	99
55) Dibenzofuran	10.122	168	74998	5.420	ng	99
57) 2,4-Dinitrotoluene	10.104	165	15173	4.904	ng	96
58) Fluorene	10.469	166	59558	5.453	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	13285	4.827	ng	# 97
60) Diethylphthalate	10.333	149	54038	5.040	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	29011	5.469	ng	98
62) 4-Nitroaniline	10.475	138	11342	4.971	ng	97
63) Azobenzene	10.616	77	49436	5.276	ng	99
66) n-Nitrosodiphenylamine	10.575	169	51021	5.356	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	15996	4.927	ng	99
68) Hexachlorobenzene	11.016	284	18237	5.059	ng	97
69) Atrazine	11.098	200	12221	4.832	ng	98
71) Phenanthrene	11.433	178	81962	5.522	ng	99
72) Anthracene	11.486	178	84944	5.529	ng	99
73) Carbazole	11.639	167	72067	5.601	ng	100
74) Di-n-butylphthalate	11.969	149	69083	4.850	ng	99
75) Fluoranthene	12.622	202	78721	5.582	ng	99
78) Pyrene	12.851	202	80026	5.739	ng	100
80) Butylbenzylphthalate	13.469	149	18113	4.383	ng	96
81) Benzo(a)anthracene	14.045	228	52785	5.300	ng	100
83) Chrysene	14.080	228	47142	5.084	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	24641	4.002	ng	97
87) Indeno(1,2,3-cd)pyrene	17.045	276	50546	5.168	ng	99
88) Benzo(b)fluoranthene	15.104	252	38493	4.996	ng	99
89) Benzo(k)fluoranthene	15.133	252	39874	5.302	ng	97
90) Benzo(a)pyrene	15.480	252	37779	5.124	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	41301	5.194	ng	100
92) Benzo(g,h,i)perylene	17.504	276	40975	5.165	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

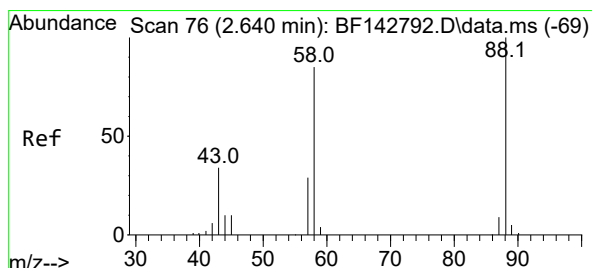
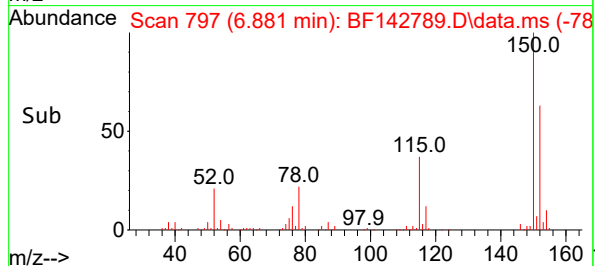
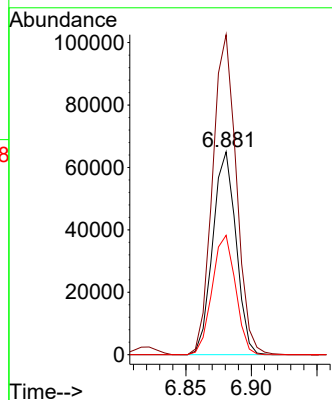
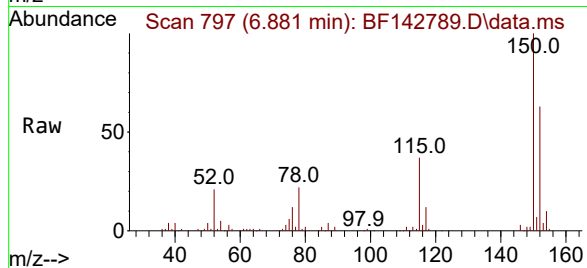
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

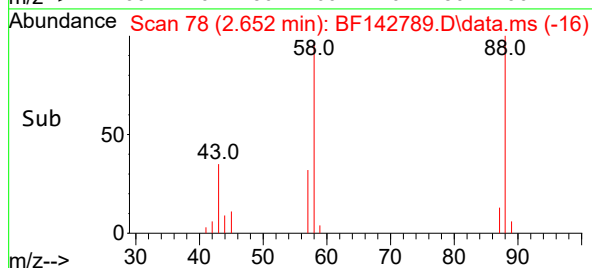
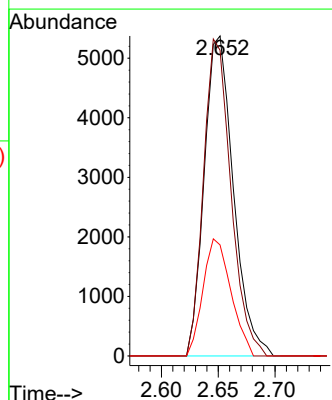
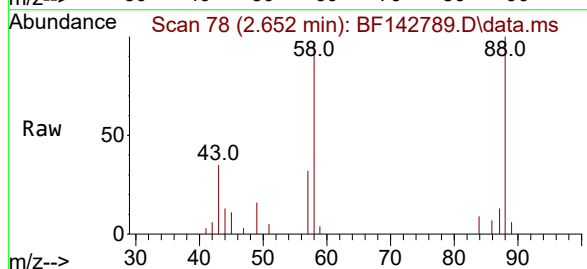
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

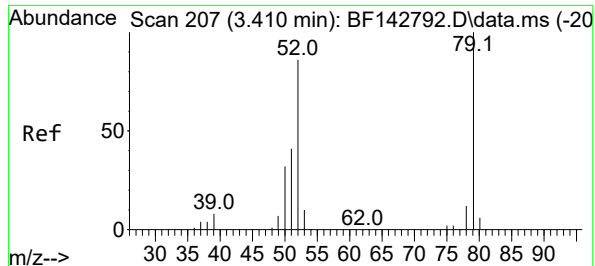
Tgt Ion:152 Resp: 80144
Ion Ratio Lower Upper
152 100
150 157.7 127.2 190.8
115 58.8 46.6 69.8



#2
1,4-Dioxane
Concen: 5.139 ng
RT: 2.652 min Scan# 78
Delta R.T. 0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 88 Resp: 9589
Ion Ratio Lower Upper
88 100
58 92.9 69.1 103.7
43 35.1 27.4 41.2





#3

Pyridine

Concen: 5.102 ng

RT: 3.434 min Scan# 211

Delta R.T. 0.024 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

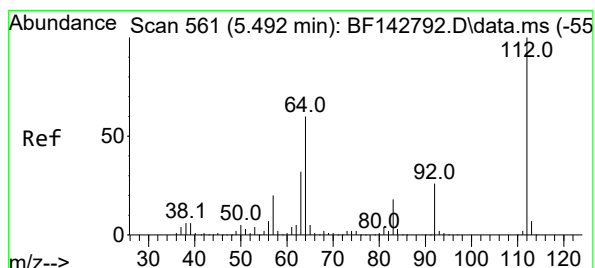
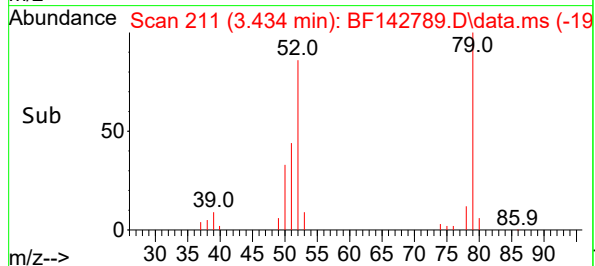
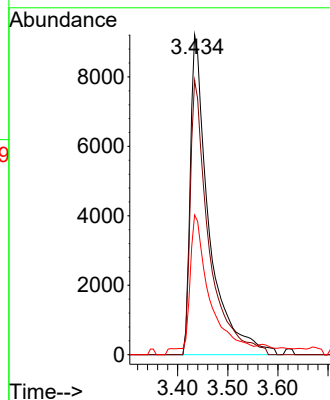
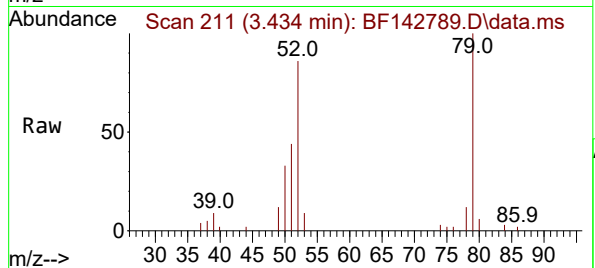
Tgt Ion: 79 Resp: 23835

Ion Ratio Lower Upper

79 100

52 85.8 69.2 103.8

51 43.7 33.2 49.8



#5

2-Fluorophenol

Concen: 10.555 ng

RT: 5.493 min Scan# 561

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

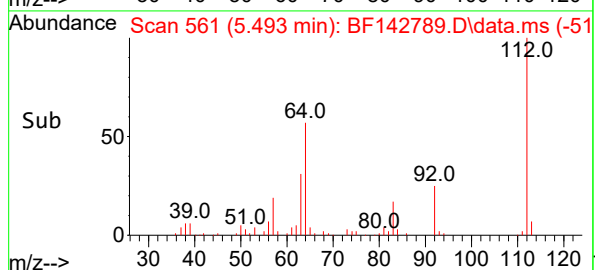
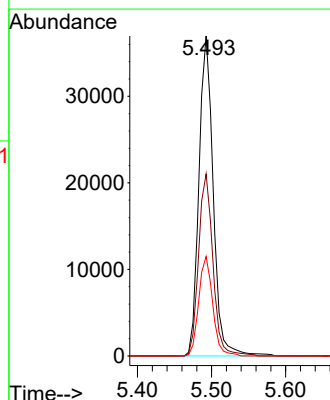
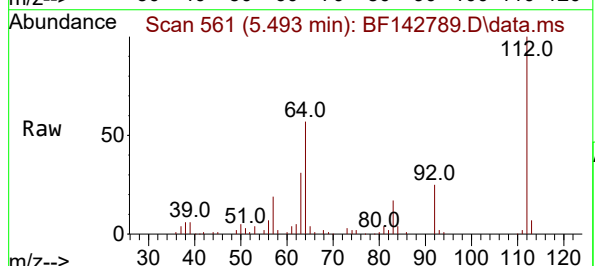
Tgt Ion: 112 Resp: 49599

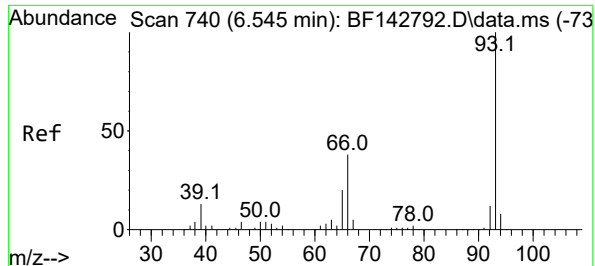
Ion Ratio Lower Upper

112 100

64 56.9 48.2 72.2

63 31.1 25.7 38.5

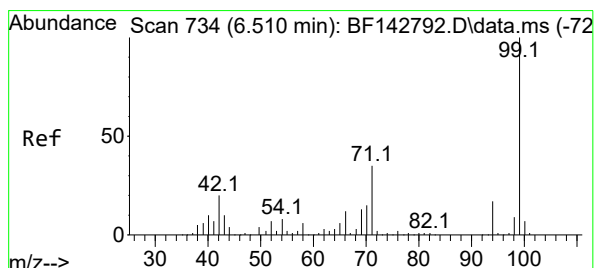
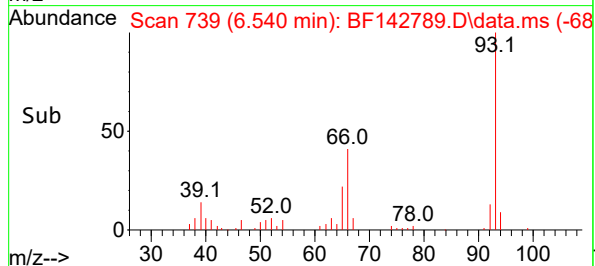
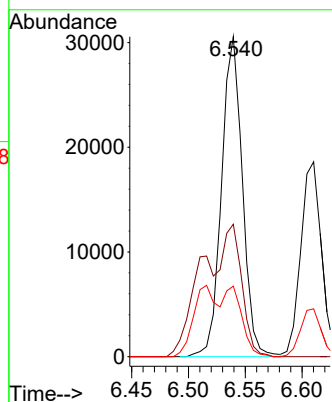
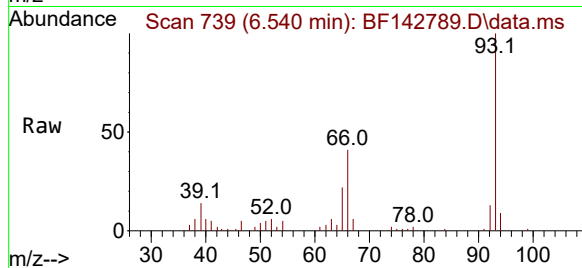




#6
Aniline
Concen: 5.286 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

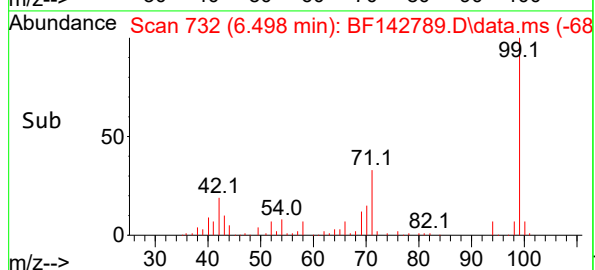
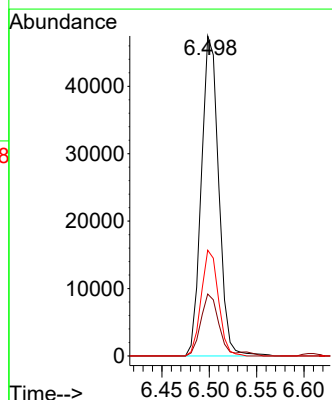
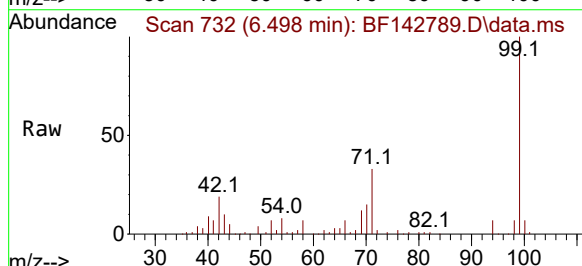
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

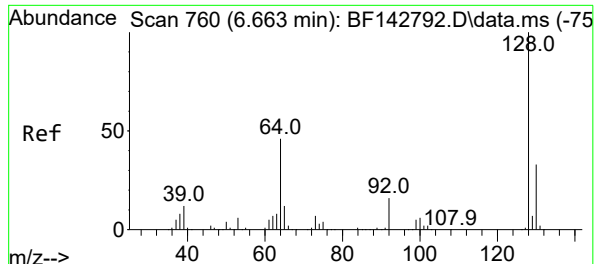
Tgt Ion: 93 Resp: 39088
Ion Ratio Lower Upper
93 100
66 41.4 31.8 47.6
65 22.0 16.2 24.2



#7
Phenol-d6
Concen: 10.981 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 99 Resp: 60590
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 33.1 27.8 41.8

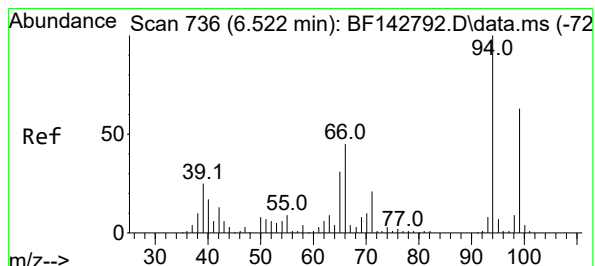
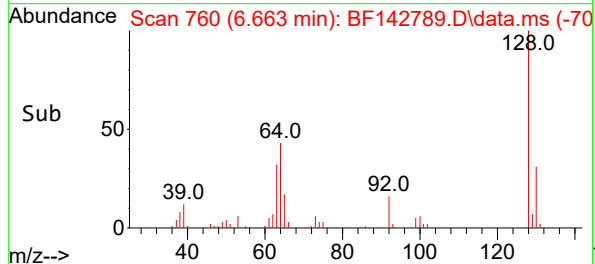
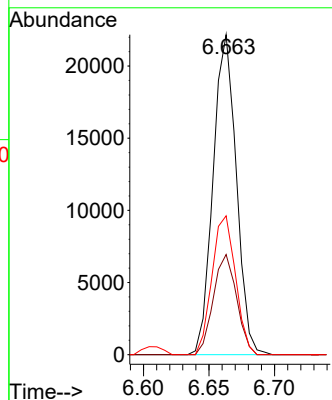
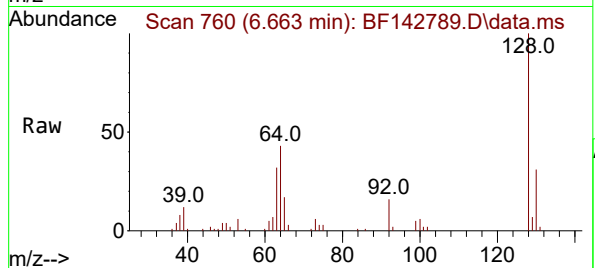




#8
2-Chlorophenol
Concen: 5.332 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

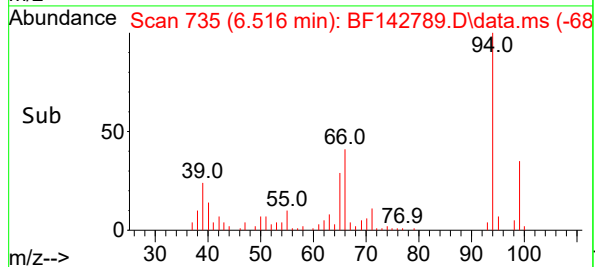
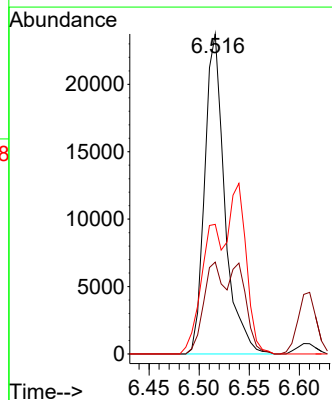
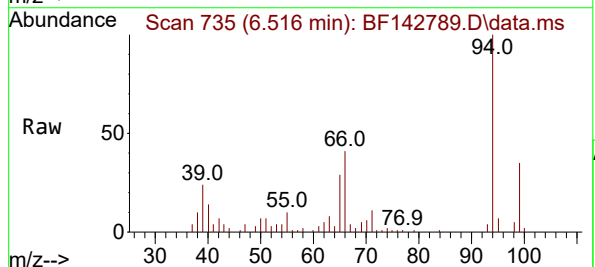
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

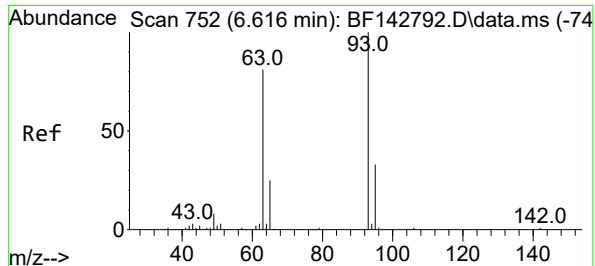
Tgt Ion:128 Resp: 27282
Ion Ratio Lower Upper
128 100
130 31.3 12.7 52.7
64 43.4 26.5 66.5



#10
Phenol
Concen: 5.369 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 94 Resp: 33027
Ion Ratio Lower Upper
94 100
65 28.7 11.3 51.3
66 40.5 24.9 64.9

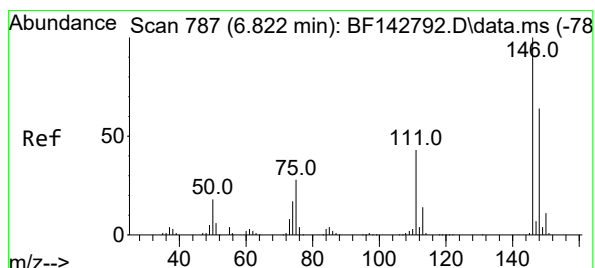
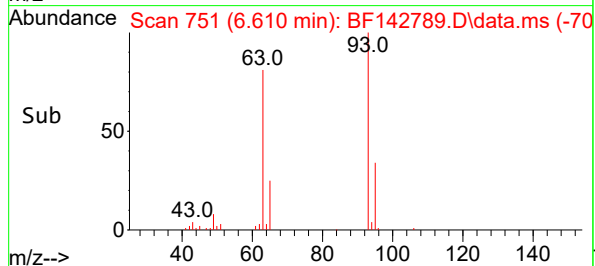
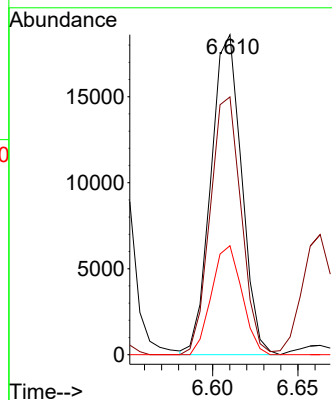
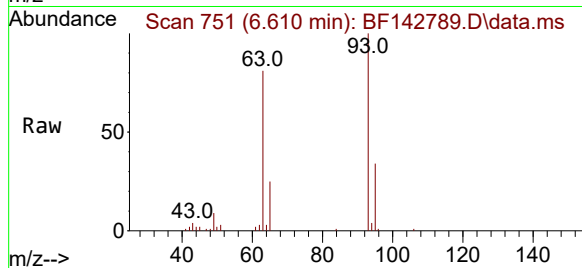




#11
bis(2-Chloroethyl)ether
Concen: 5.122 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

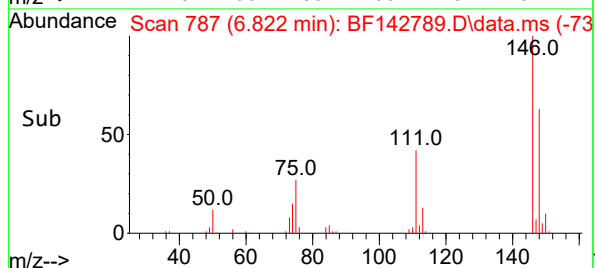
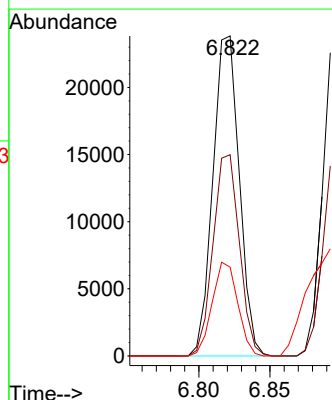
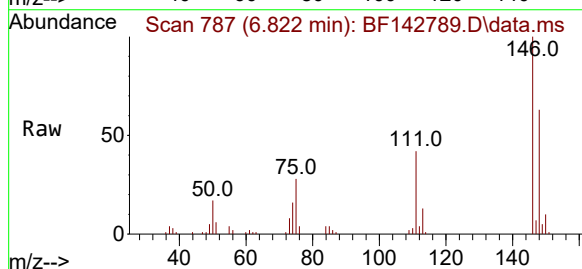
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

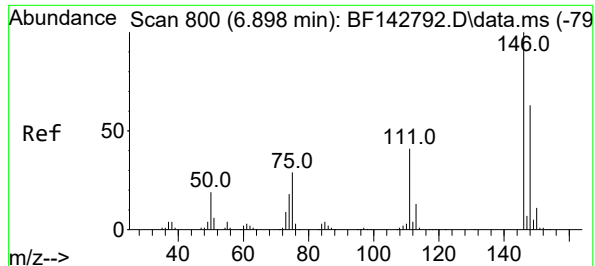
Tgt Ion: 93 Resp: 23378
Ion Ratio Lower Upper
93 100
63 80.6 60.3 100.3
95 34.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 5.281 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 146 Resp: 30770
Ion Ratio Lower Upper
146 100
148 62.9 51.1 76.7
75 27.7 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 5.302 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

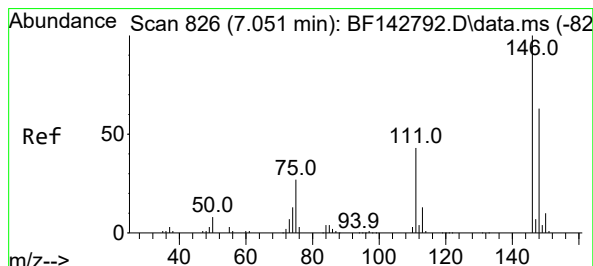
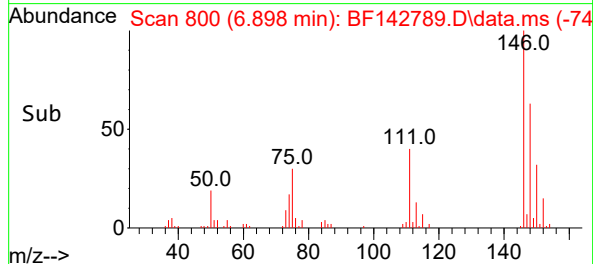
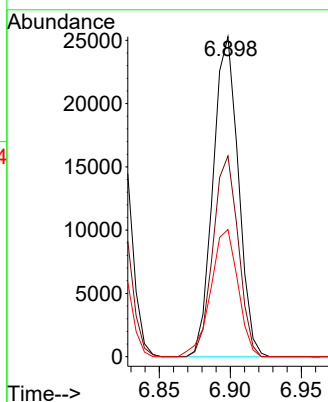
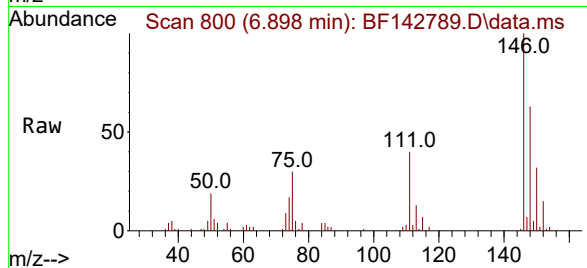
Tgt Ion:146 Resp: 31311

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

111 39.8 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 5.175 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

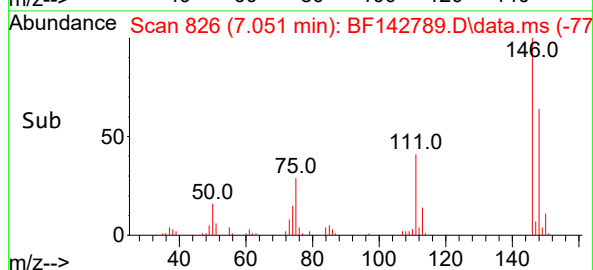
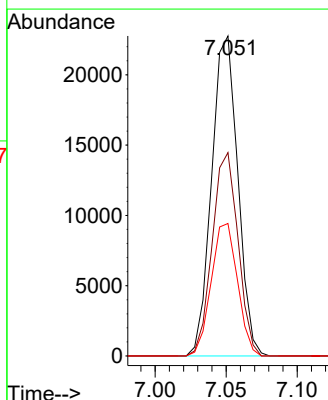
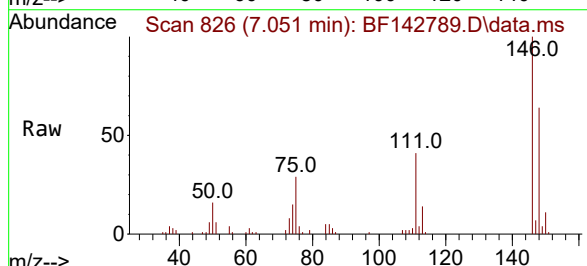
Tgt Ion:146 Resp: 29215

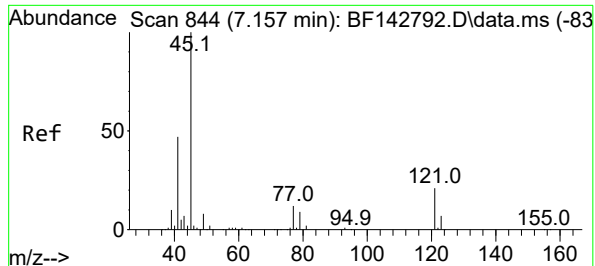
Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

111 41.4 34.1 51.1





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.503 ng

RT: 7.151 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

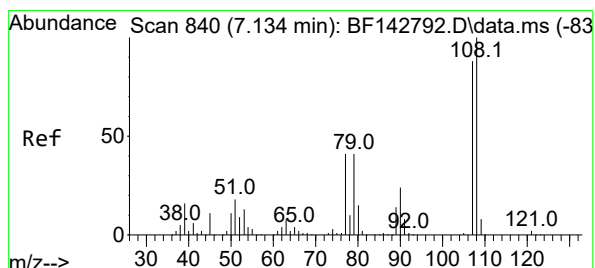
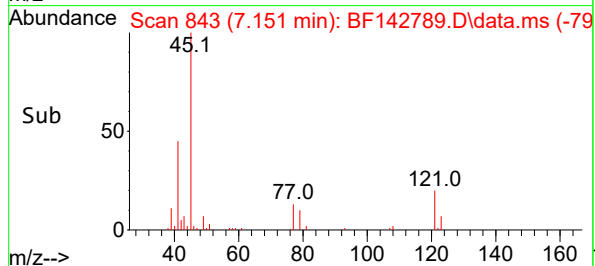
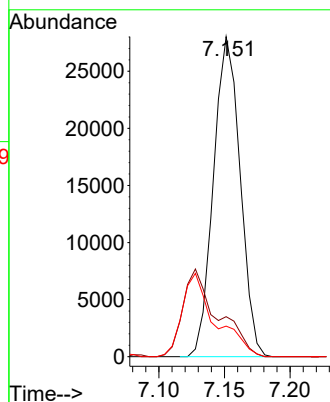
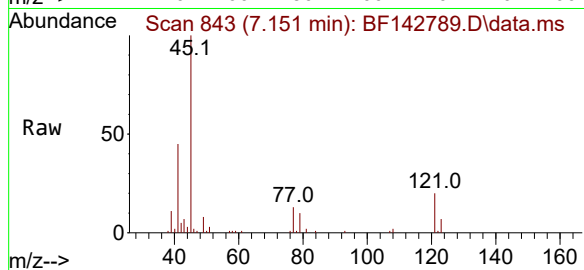
Tgt Ion: 45 Resp: 39577

Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.8

79 9.5 0.0 29.8



#17

2-Methylphenol

Concen: 5.199 ng

RT: 7.128 min Scan# 839

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Tgt Ion:107 Resp: 20336

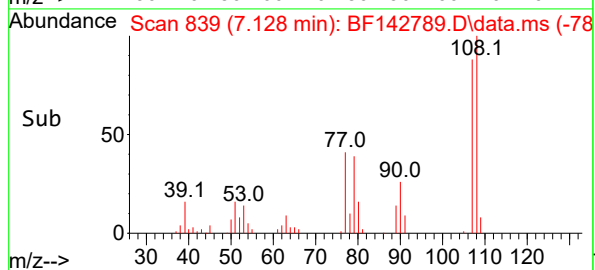
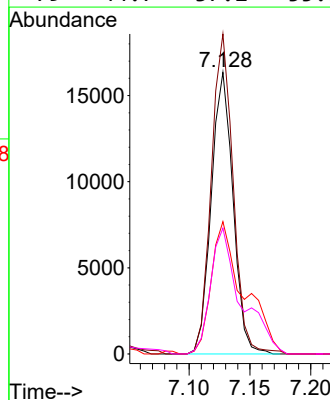
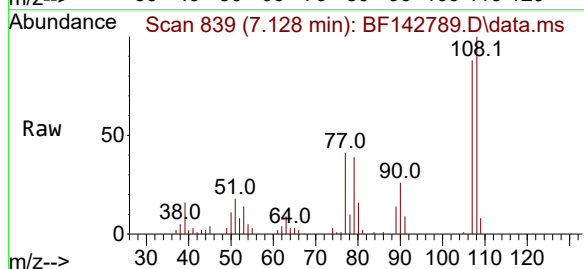
Ion Ratio Lower Upper

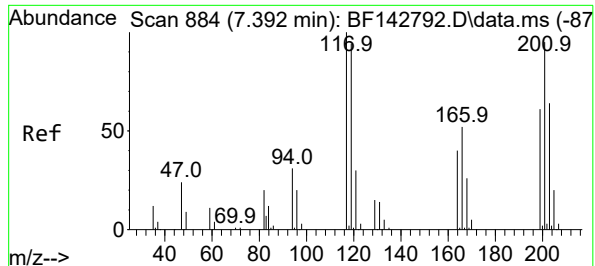
107 100

108 113.6 90.9 136.3

77 47.0 37.3 55.9

79 44.7 37.2 55.8

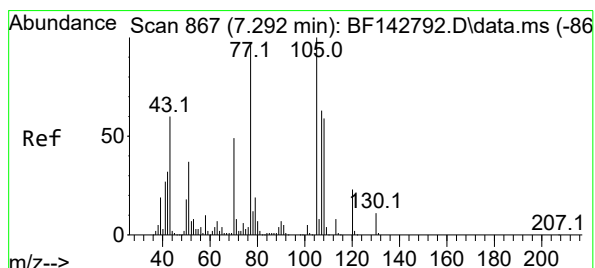
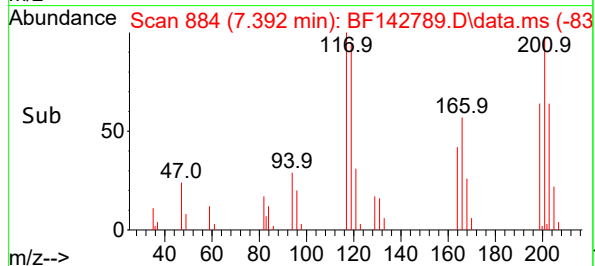
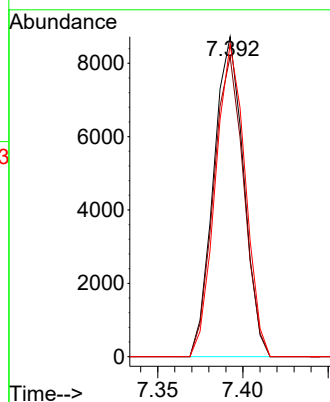
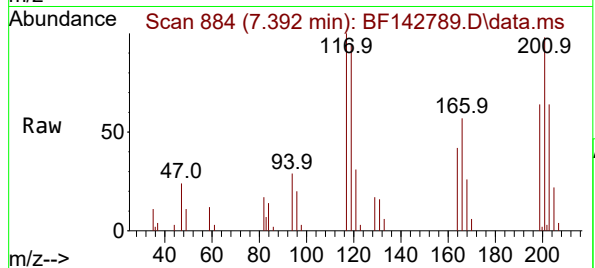




#18
Hexachloroethane
Concen: 5.054 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

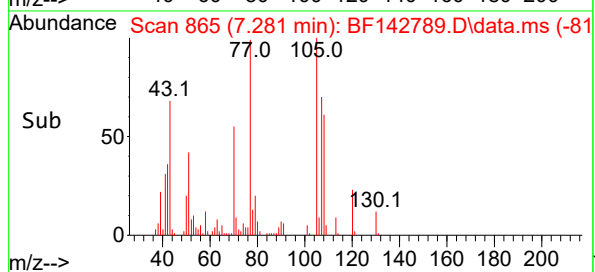
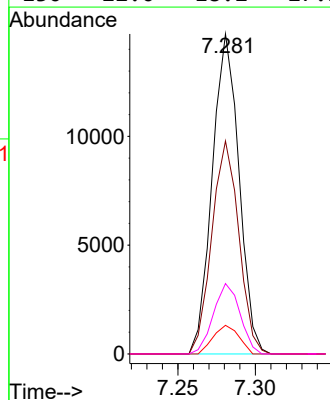
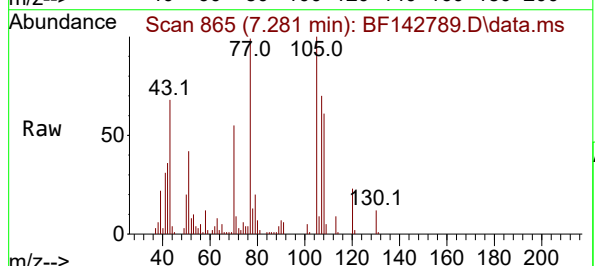
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

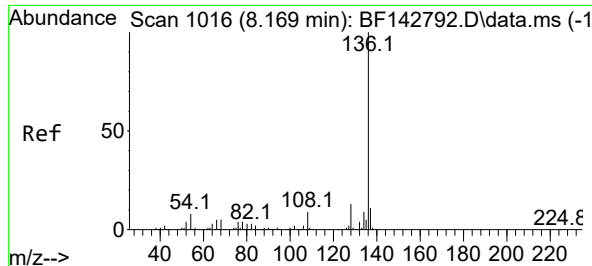
Tgt Ion:117 Resp: 10670
Ion Ratio Lower Upper
117 100
119 93.8 75.4 113.0
201 97.7 75.9 113.9



#19
n-Nitroso-di-n-propylamine
Concen: 5.061 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion: 70 Resp: 17612
Ion Ratio Lower Upper
70 100
42 66.5 52.1 78.1
101 8.9 8.2 12.2
130 22.0 18.2 27.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 305306

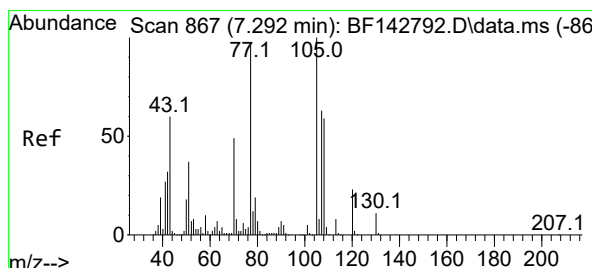
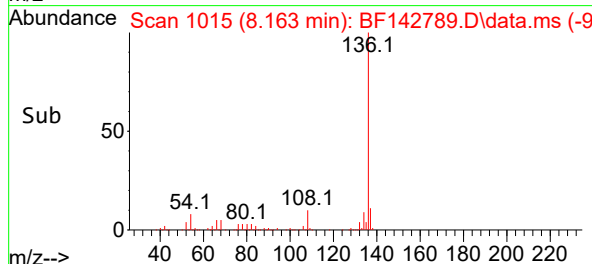
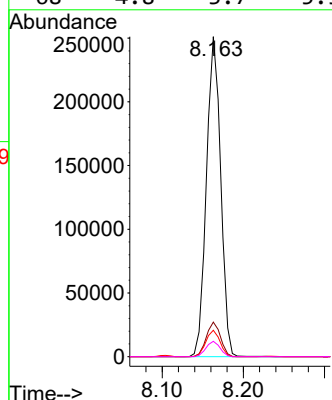
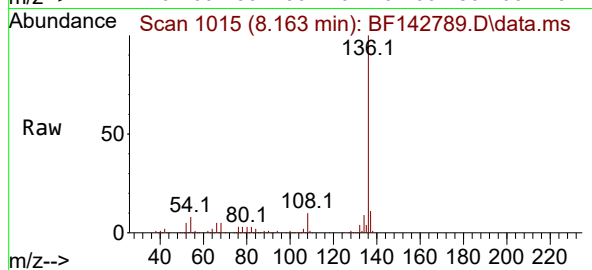
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.3 6.3 9.5

68 4.8 3.7 5.5



#22

Acetophenone

Concen: 5.240 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Tgt Ion:105 Resp: 35396

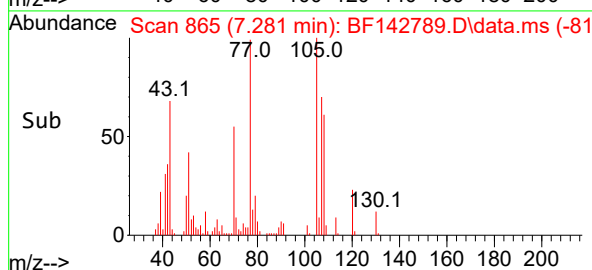
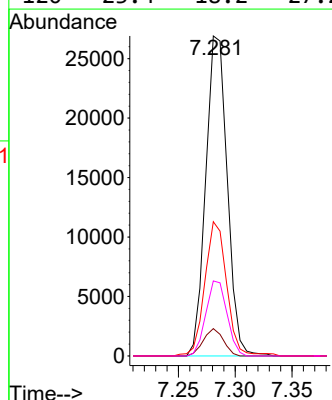
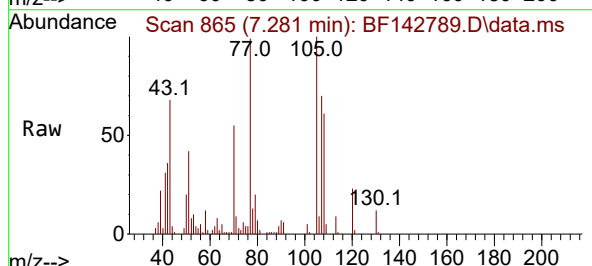
Ion Ratio Lower Upper

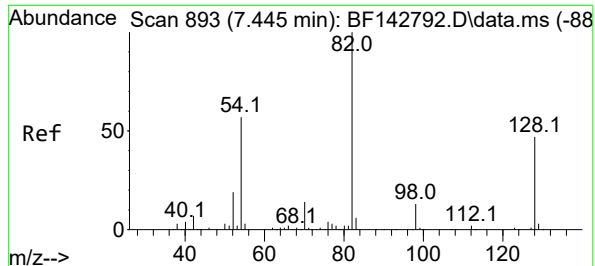
105 100

71 8.5 6.5 9.7

51 41.9 29.8 44.8

120 23.4 18.2 27.2





#23

Nitrobenzene-d5

Concen: 10.106 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

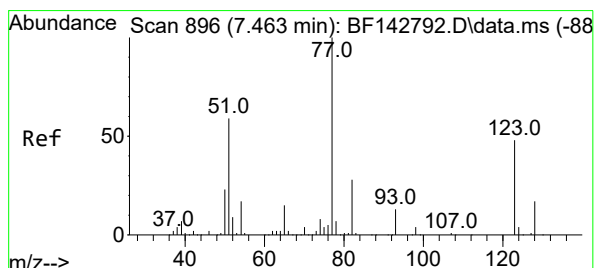
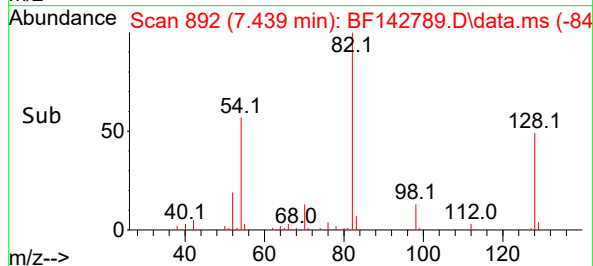
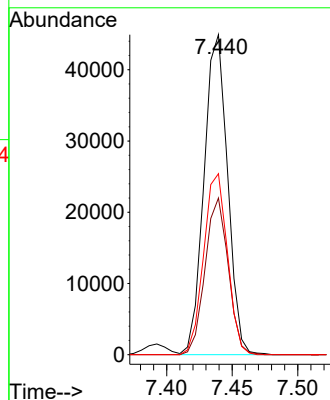
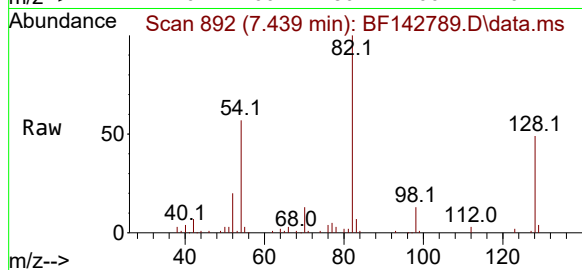
Tgt Ion: 82 Resp: 56291

Ion Ratio Lower Upper

82 100

128 48.9 37.7 56.5

54 56.6 45.7 68.5



#24

Nitrobenzene

Concen: 5.324 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

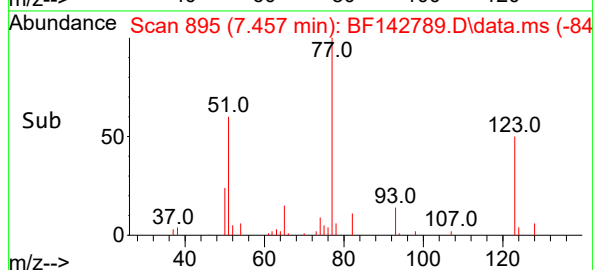
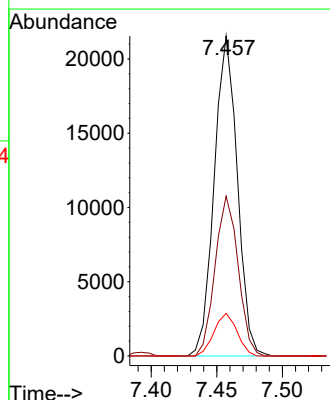
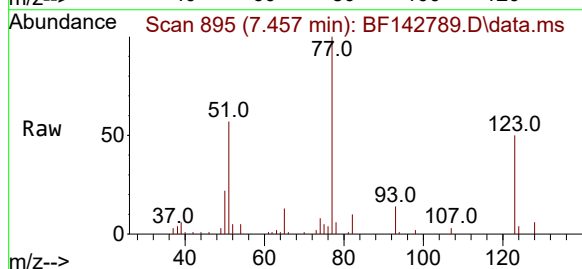
Tgt Ion: 77 Resp: 26353

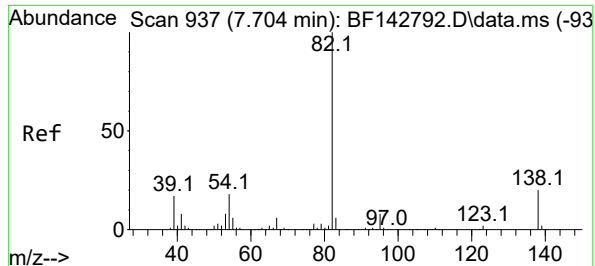
Ion Ratio Lower Upper

77 100

123 49.9 39.2 58.8

65 13.3 11.6 17.4





#25

Isophorone

Concen: 4.997 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

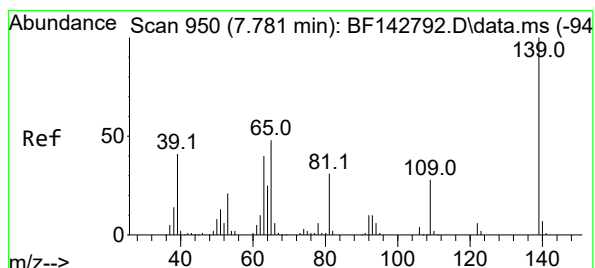
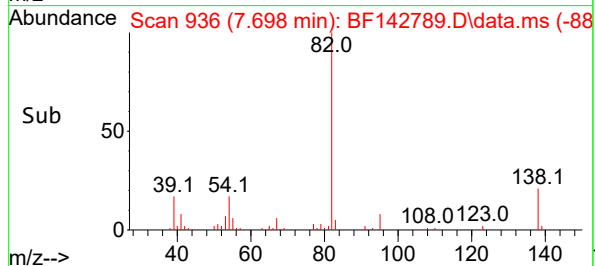
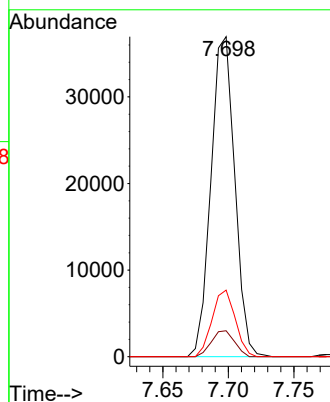
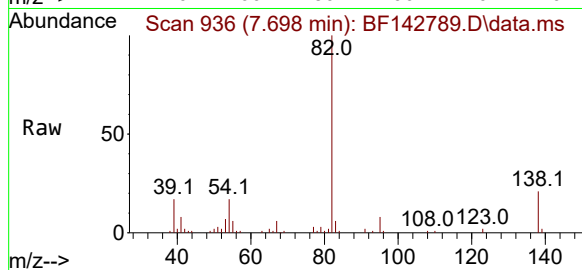
Tgt Ion: 82 Resp: 46673

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 20.8 16.2 24.4



#26

2-Nitrophenol

Concen: 4.682 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

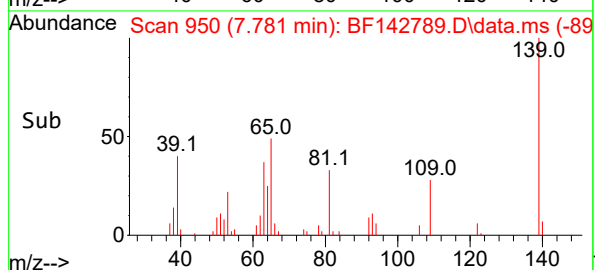
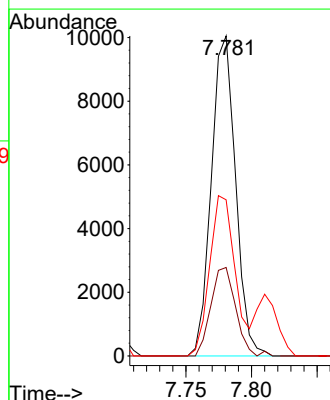
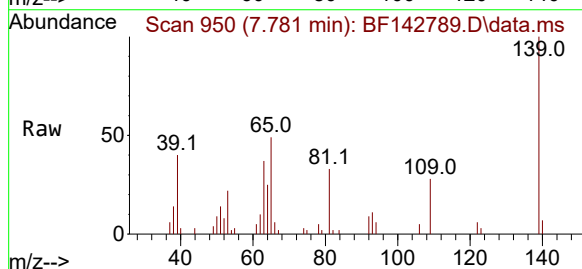
Tgt Ion:139 Resp: 12914

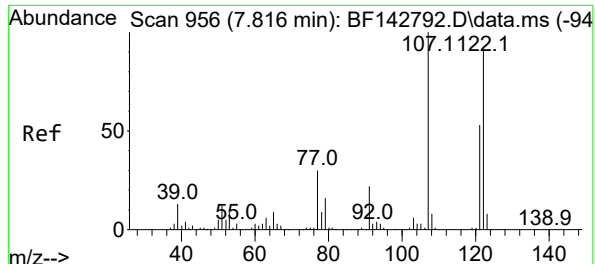
Ion Ratio Lower Upper

139 100

109 27.7 22.7 34.1

65 48.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 5.242 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

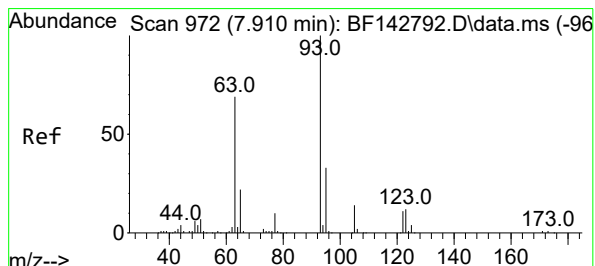
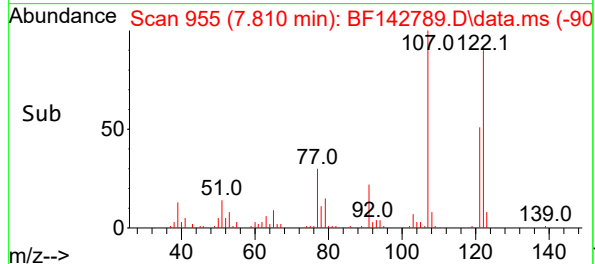
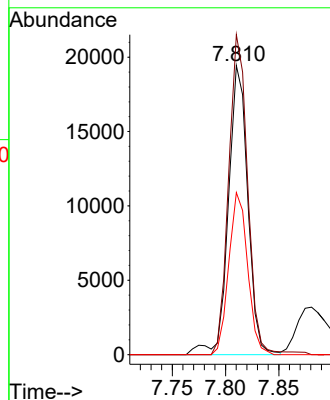
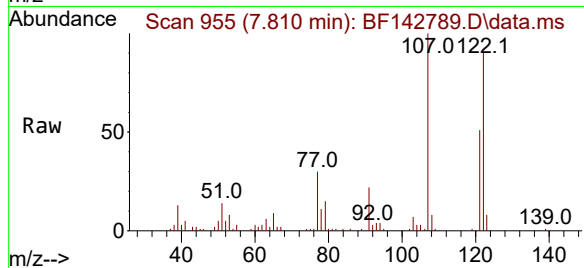
Tgt Ion:122 Resp: 24614

Ion Ratio Lower Upper

122 100

107 110.7 88.0 132.0

121 56.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 5.068 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

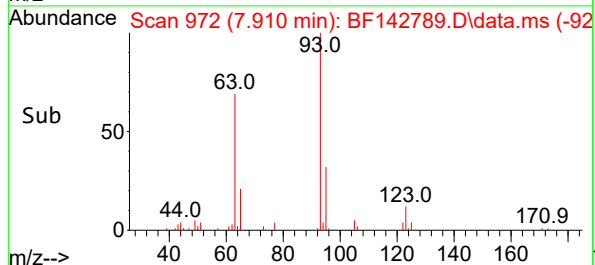
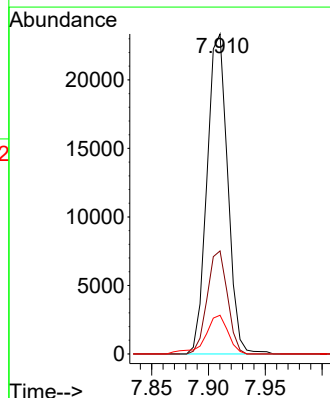
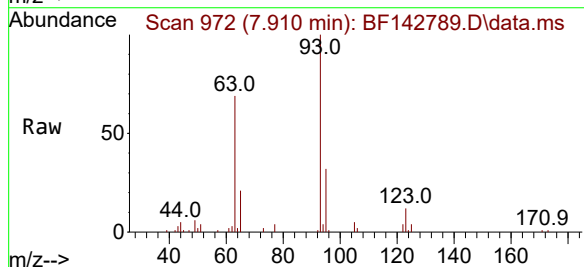
Tgt Ion: 93 Resp: 29467

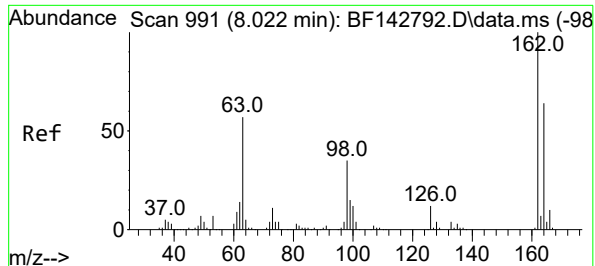
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 5.134 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

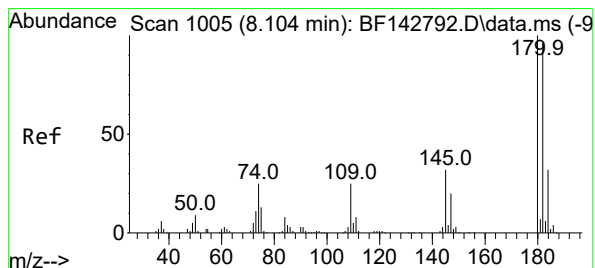
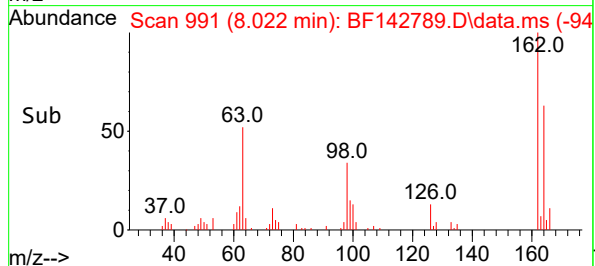
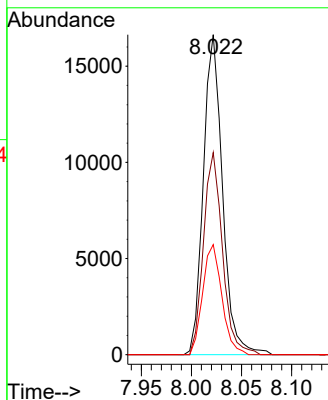
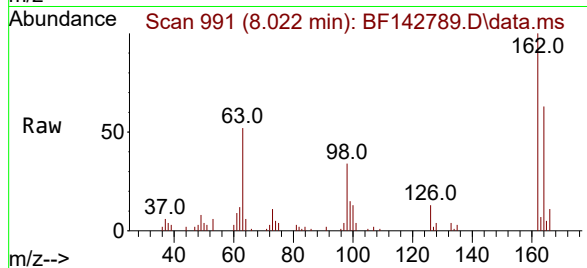
Tgt Ion:162 Resp: 22222

Ion Ratio Lower Upper

162 100

164 63.2 44.0 84.0

98 34.4 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 5.171 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

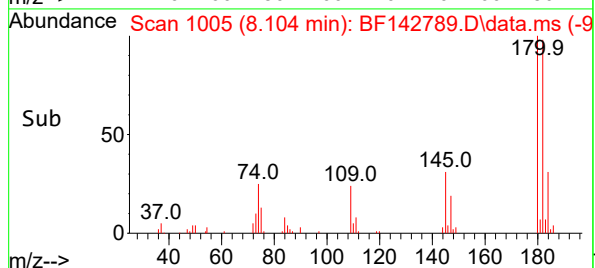
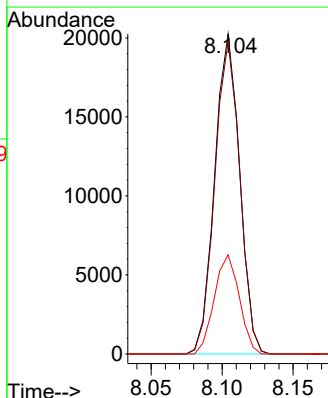
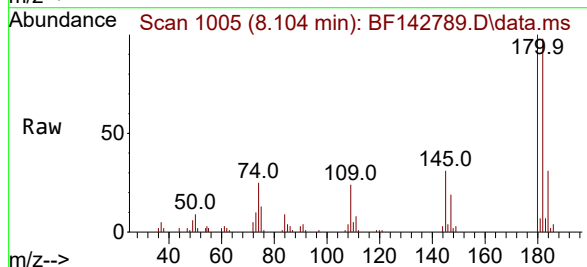
Tgt Ion:180 Resp: 24724

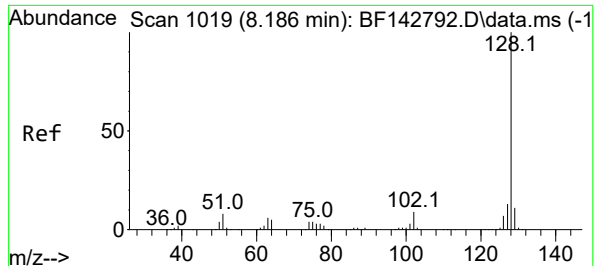
Ion Ratio Lower Upper

180 100

182 97.8 76.4 114.6

145 31.0 25.8 38.8





#31

Naphthalene

Concen: 5.344 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

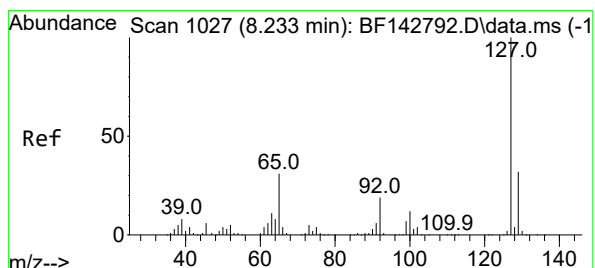
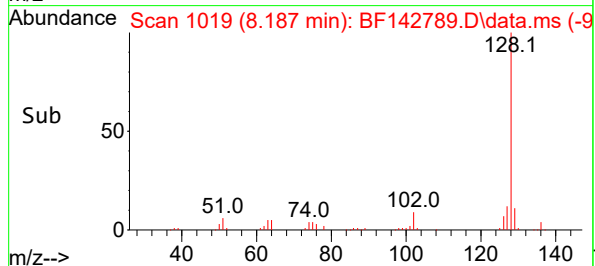
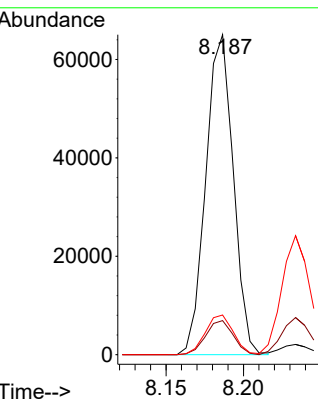
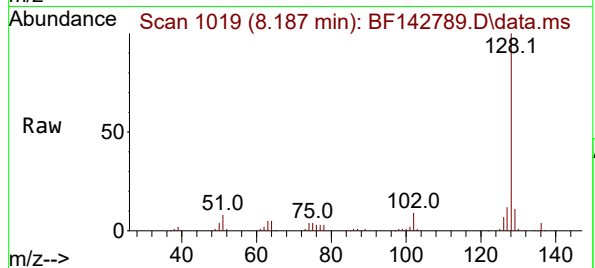
Tgt Ion:128 Resp: 80247

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

127 12.4 10.4 15.6



#33

4-Chloroaniline

Concen: 5.256 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Tgt Ion:127 Resp: 31626

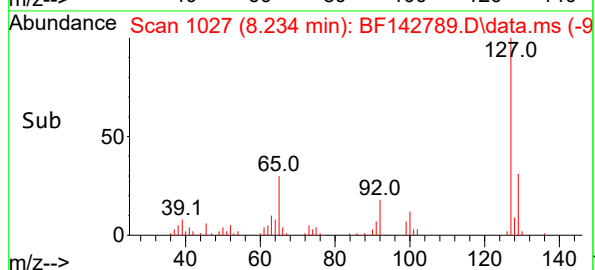
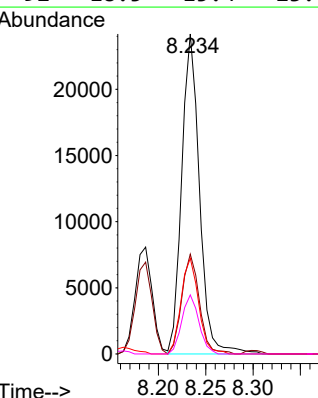
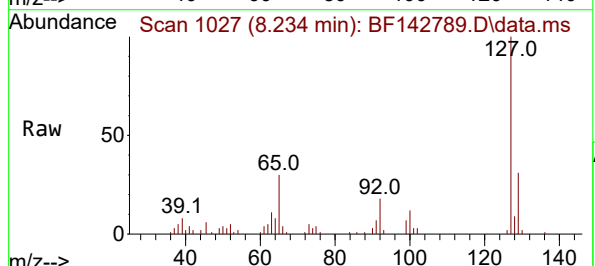
Ion Ratio Lower Upper

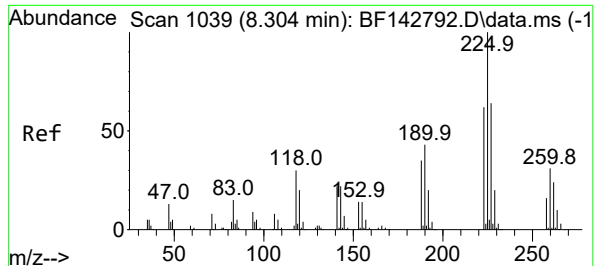
127 100

129 31.2 25.9 38.9

65 29.9 24.6 36.8

92 18.5 15.4 23.0





#34

Hexachlorobutadiene

Concen: 4.918 ng

RT: 8.304 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

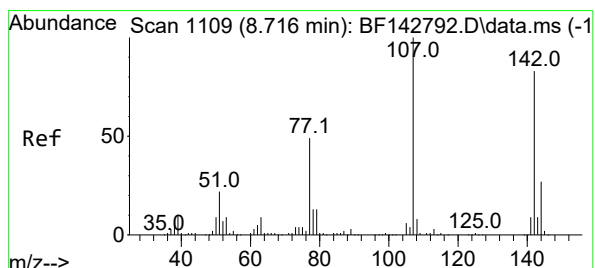
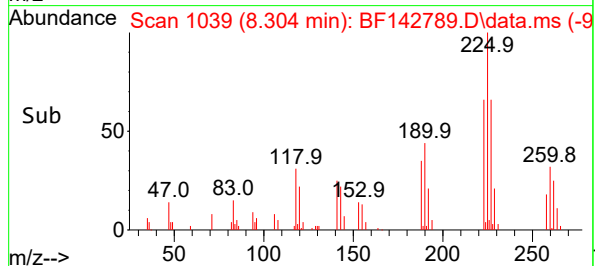
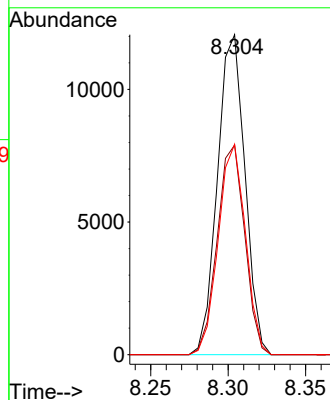
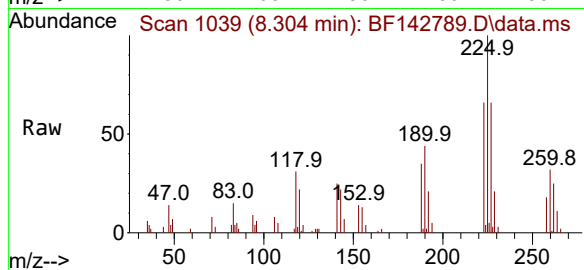
Tgt Ion:225 Resp: 14900

Ion Ratio Lower Upper

225 100

223 65.5 49.9 74.9

227 65.7 51.4 77.0



#36

4-Chloro-3-methylphenol

Concen: 5.113 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

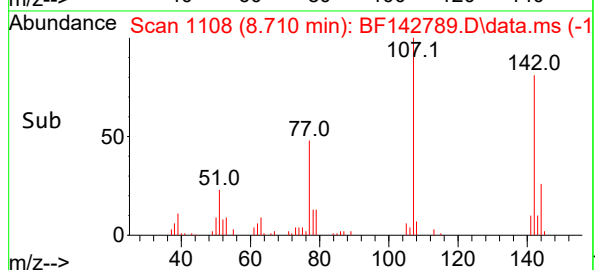
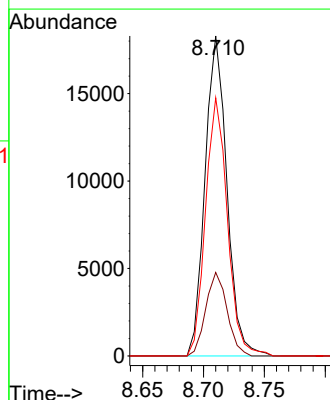
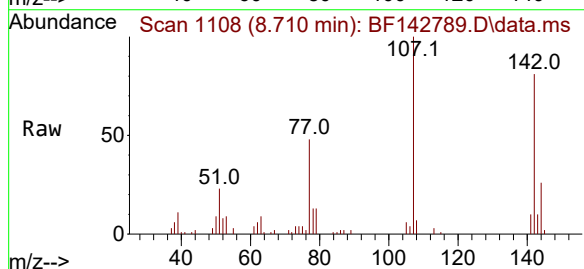
Tgt Ion:107 Resp: 22861

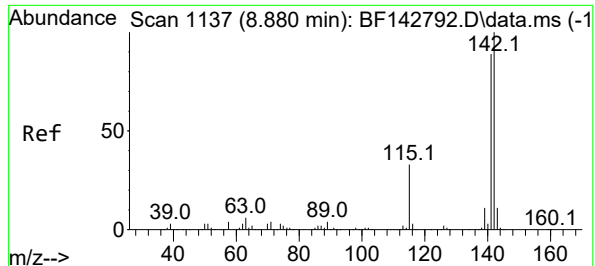
Ion Ratio Lower Upper

107 100

144 26.1 21.3 31.9

142 80.7 66.6 100.0





#37

2-Methylnaphthalene

Concen: 5.281 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

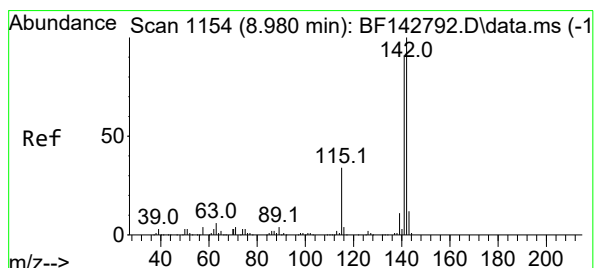
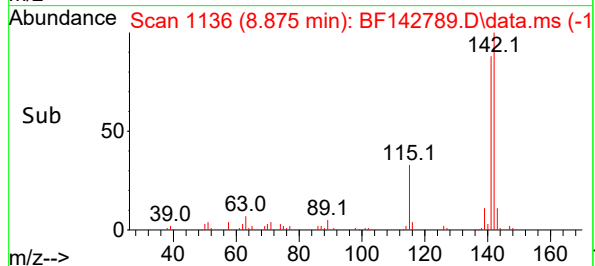
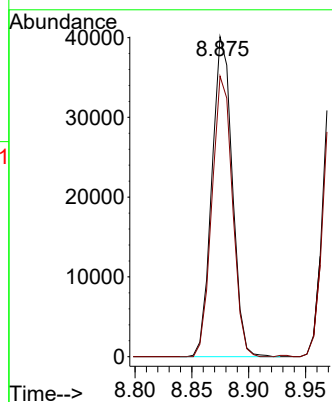
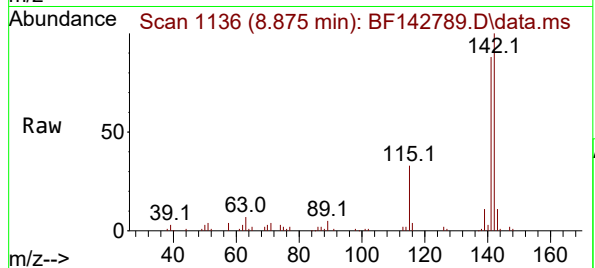
SSTDICC005

Tgt Ion:142 Resp: 50024

Ion Ratio Lower Upper

142 100

141 87.6 70.9 106.3



#38

1-Methylnaphthalene

Concen: 5.307 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142789.D

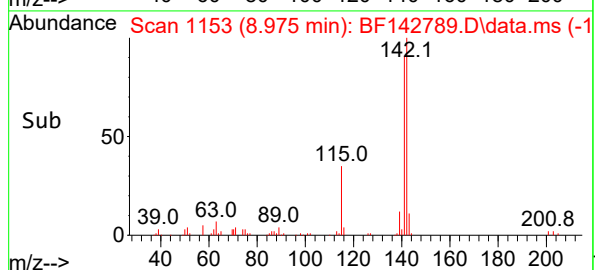
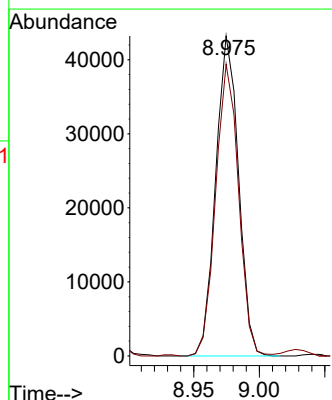
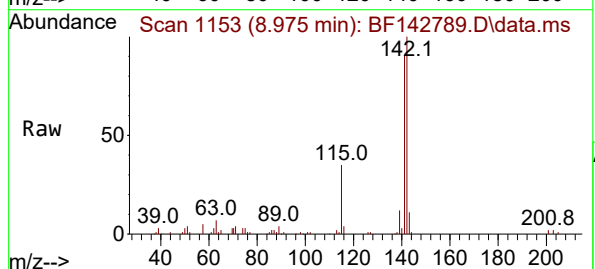
Acq: 19 Jun 2025 17:38

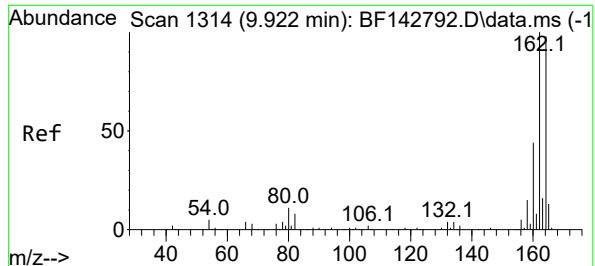
Tgt Ion:142 Resp: 52193

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

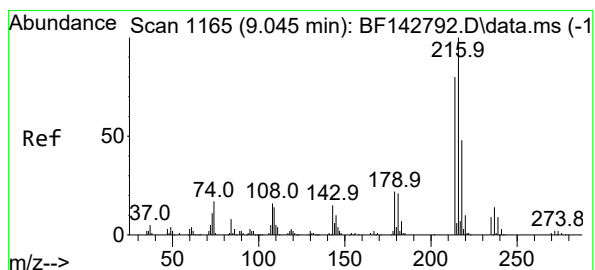
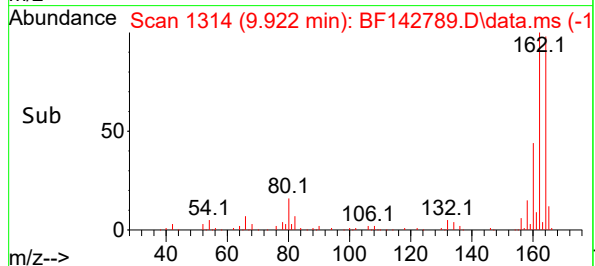
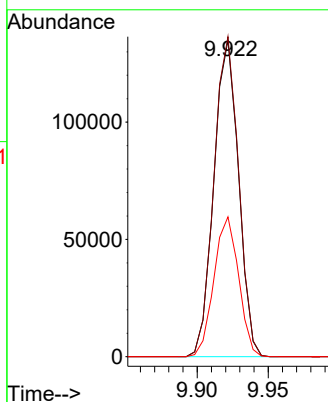
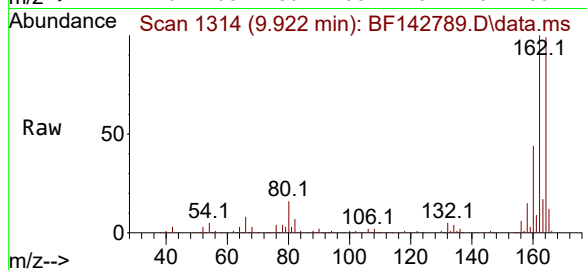
Tgt Ion:164 Resp: 162729

Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.8

160 44.2 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.419 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Tgt Ion:216 Resp: 25456

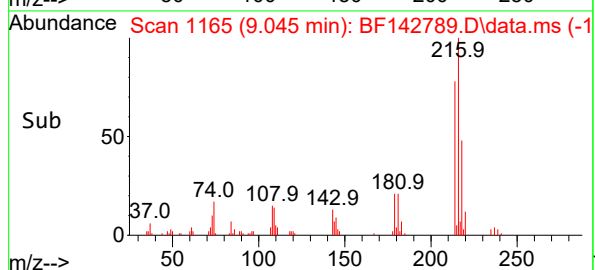
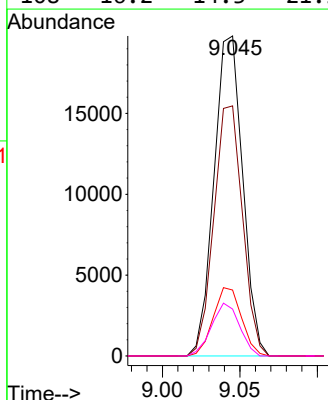
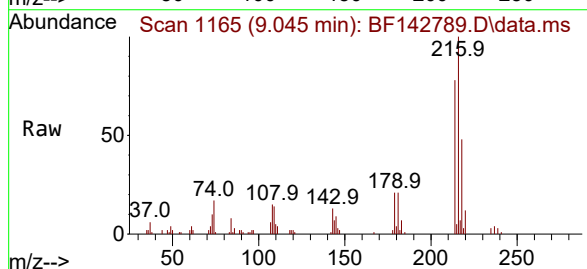
Ion Ratio Lower Upper

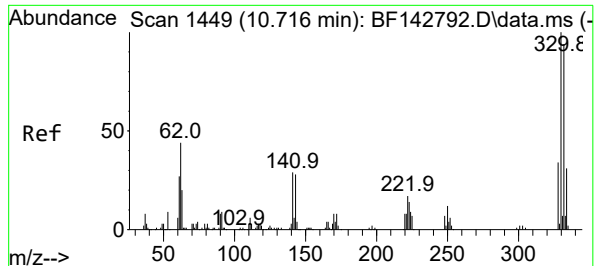
216 100

214 78.0 63.7 95.5

179 21.1 17.6 26.4

108 16.2 14.3 21.5





#42

2,4,6-Tribromophenol

Concen: 9.551 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

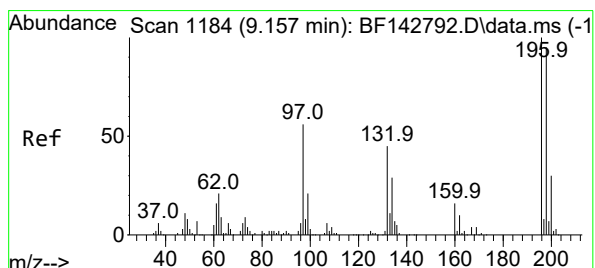
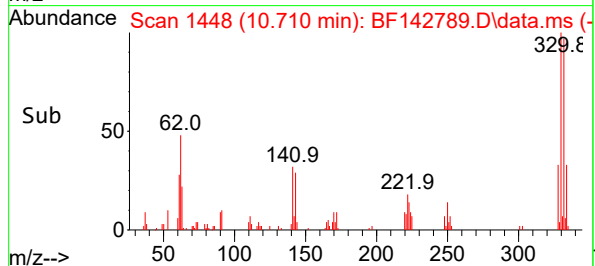
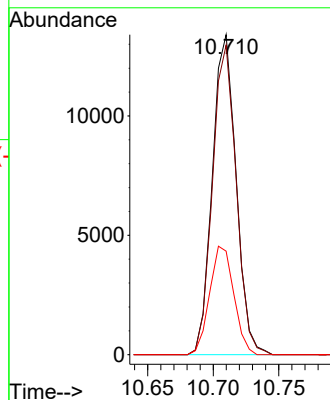
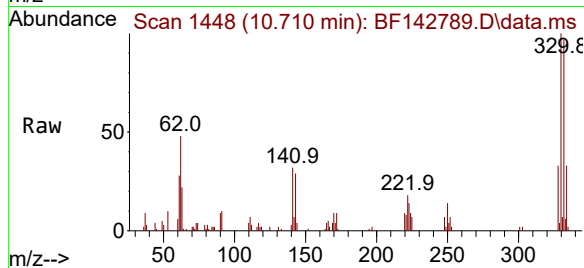
Tgt Ion:330 Resp: 16892

Ion Ratio Lower Upper

330 100

332 96.5 75.0 112.6

141 34.5 25.3 37.9



#43

2,4,6-Trichlorophenol

Concen: 5.154 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

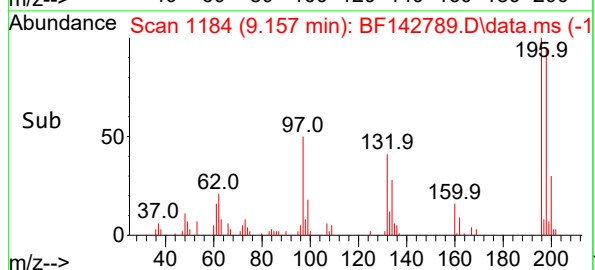
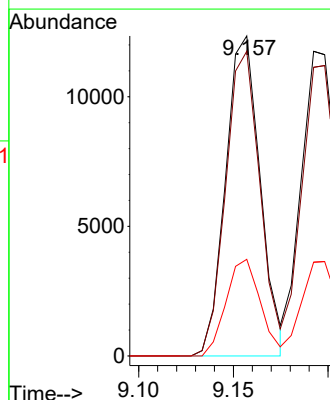
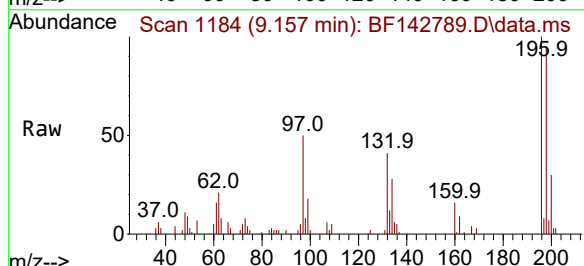
Tgt Ion:196 Resp: 15667

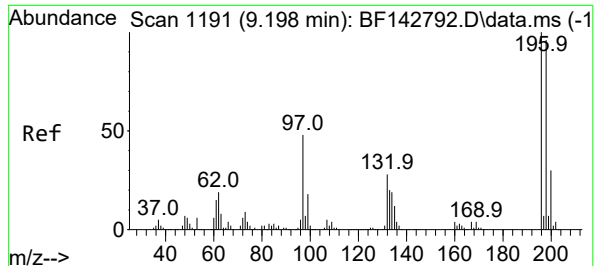
Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

200 30.2 24.1 36.1





#44

2,4,5-Trichlorophenol

Concen: 5.045 ng

RT: 9.192 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:196 Resp: 16563

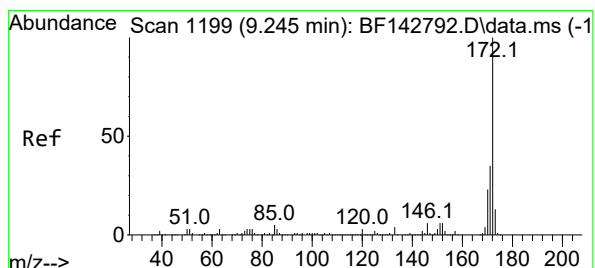
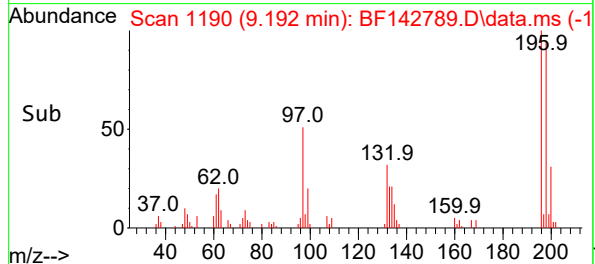
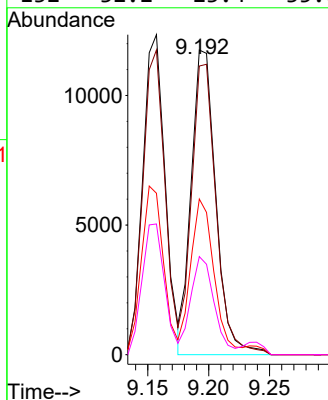
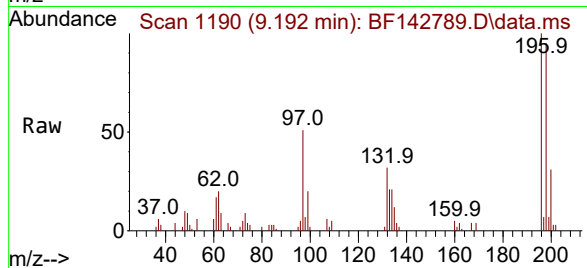
Ion Ratio Lower Upper

196 100

198 94.8 76.6 115.0

97 51.1 38.2 57.2

132 32.2 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 11.573 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

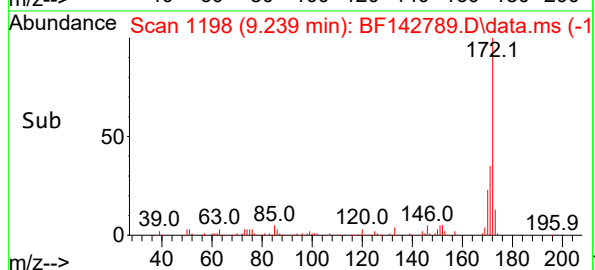
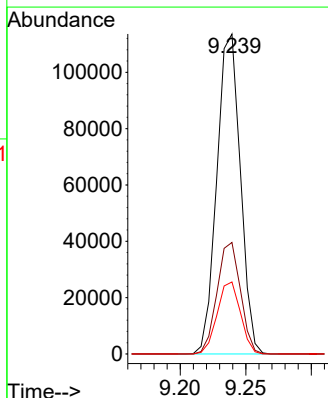
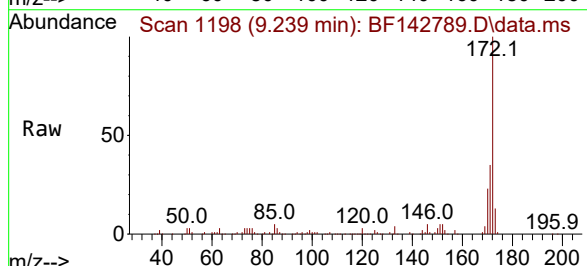
Tgt Ion:172 Resp: 141565

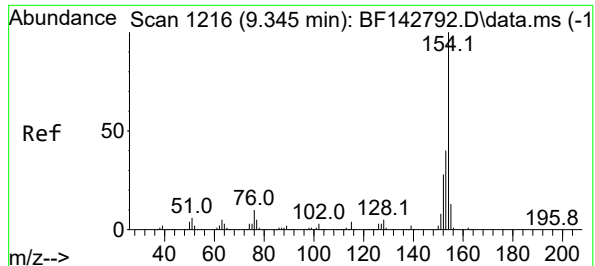
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 22.5 18.5 27.7





#46

1,1'-Biphenyl

Concen: 5.478 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

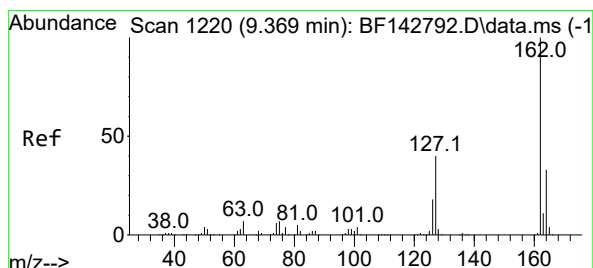
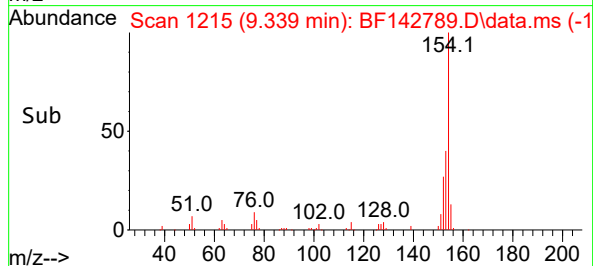
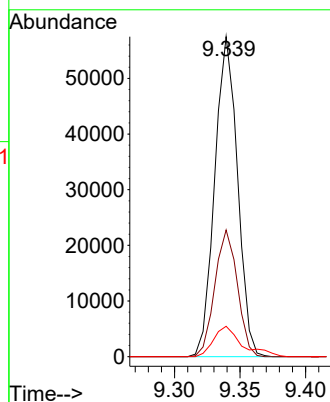
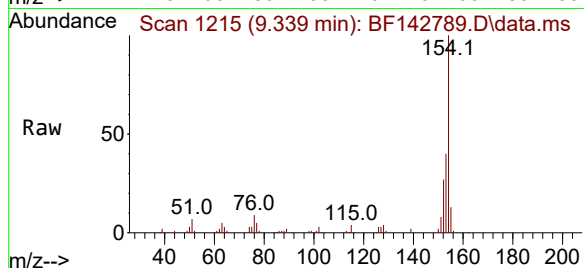
Tgt Ion:154 Resp: 69218

Ion Ratio Lower Upper

154 100

153 39.6 20.3 60.3

76 9.5 0.0 30.3



#47

2-Chloronaphthalene

Concen: 5.670 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

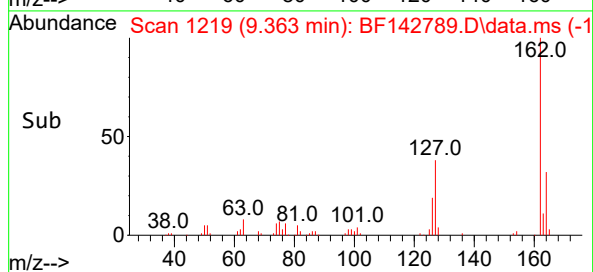
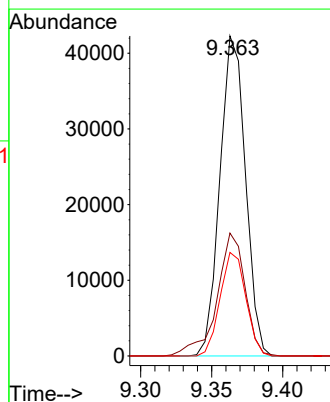
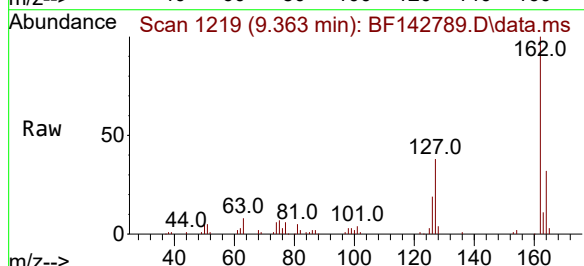
Tgt Ion:162 Resp: 52868

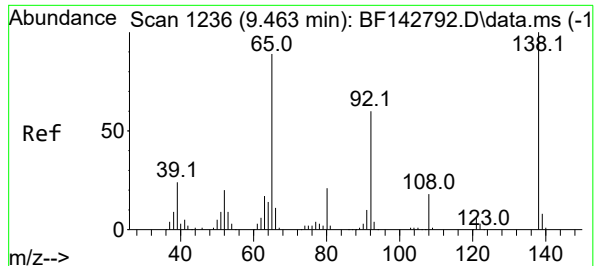
Ion Ratio Lower Upper

162 100

127 38.4 32.2 48.2

164 32.4 26.1 39.1

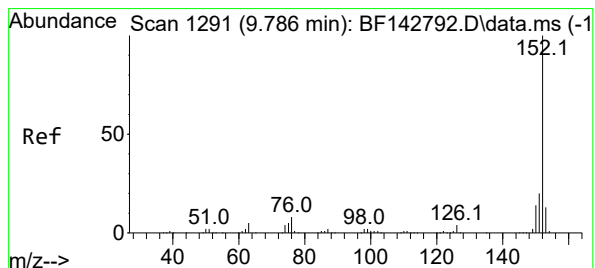
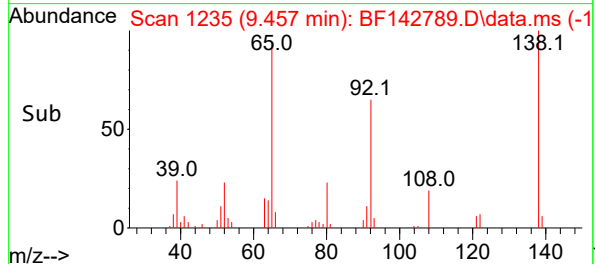
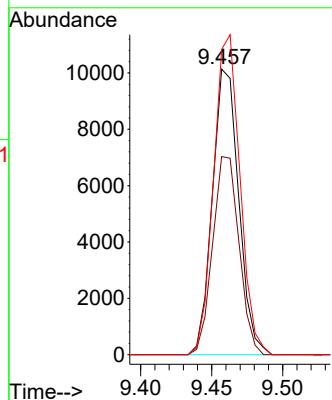
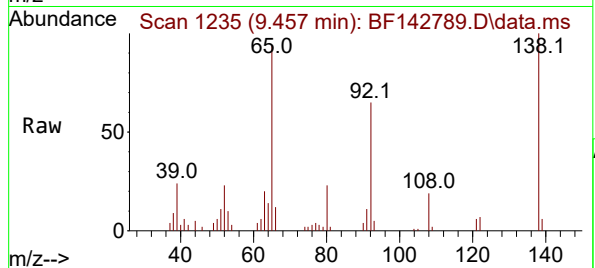




#48
2-Nitroaniline
Concen: 4.937 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

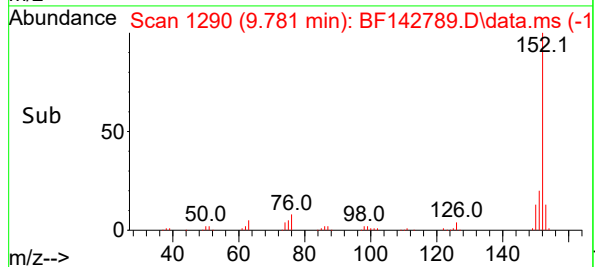
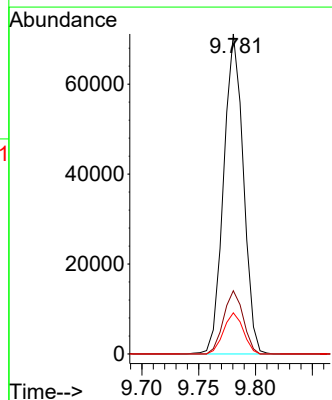
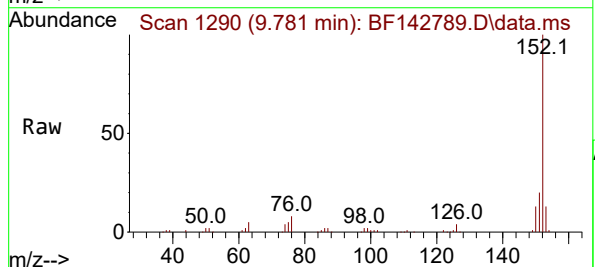
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

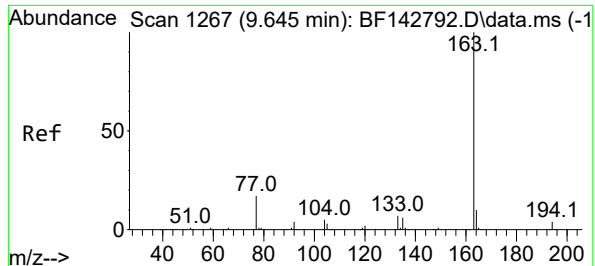
Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	53.8	80.6
138	106.9	89.6	134.4



#49
Acenaphthylene
Concen: 5.477 ng
RT: 9.781 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	12.8	10.4	15.6

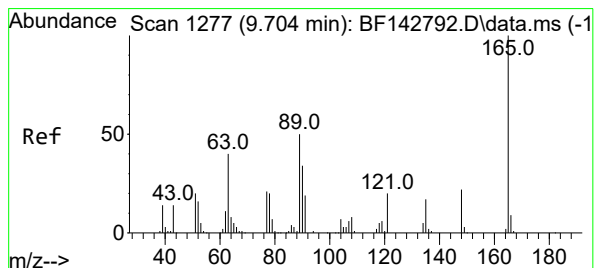
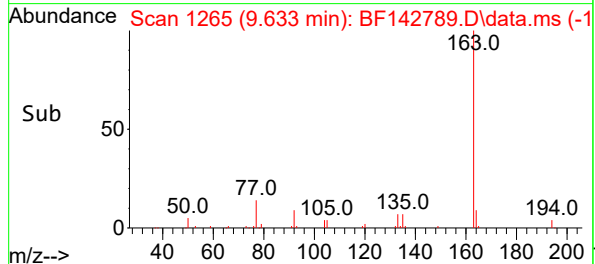
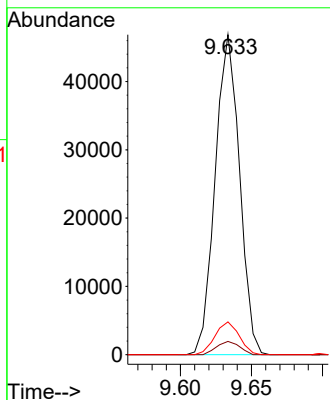
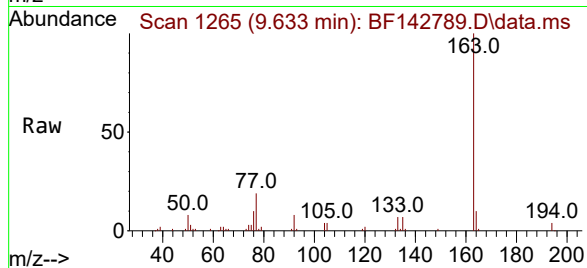




#50
Dimethylphthalate
Concen: 5.170 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

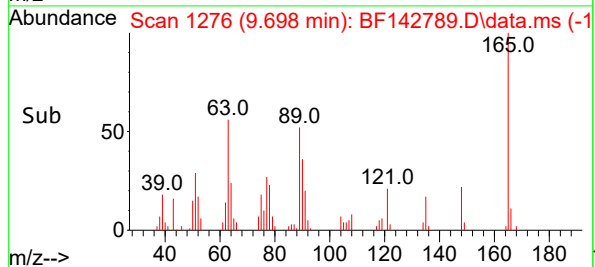
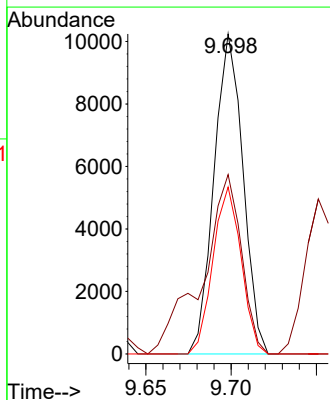
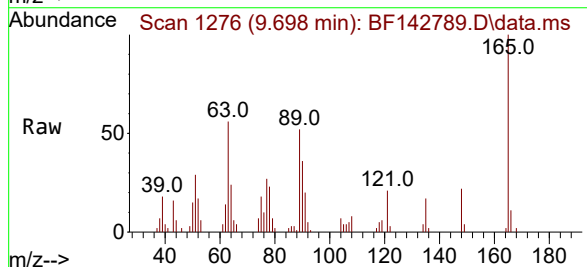
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

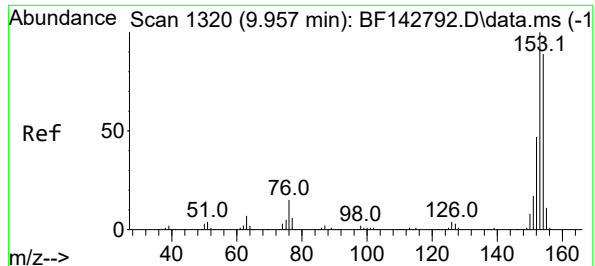
Tgt Ion:163 Resp: 55804
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 5.163 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:165 Resp: 12080
Ion Ratio Lower Upper
165 100
63 56.1 44.2 66.4
89 52.1 39.8 59.8





#52

Acenaphthene

Concen: 5.230 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

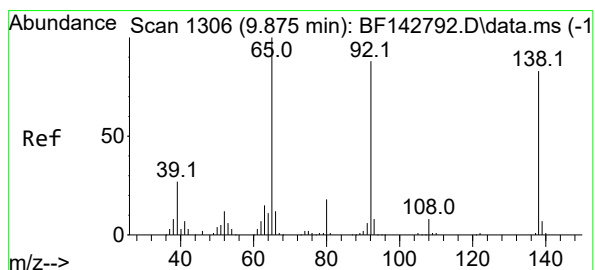
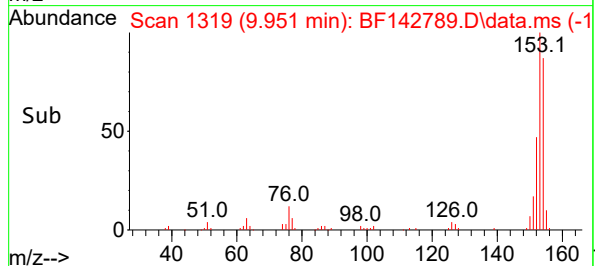
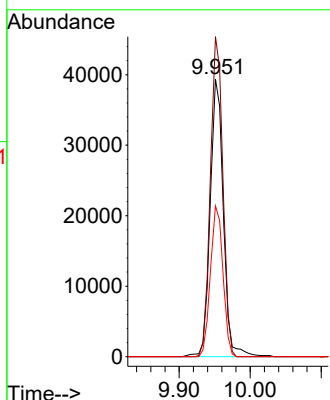
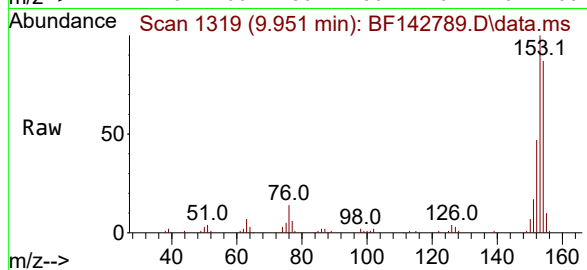
Tgt Ion:154 Resp: 50726

Ion Ratio Lower Upper

154 100

153 115.3 90.0 135.0

152 54.3 41.9 62.9



#53

3-Nitroaniline

Concen: 4.984 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

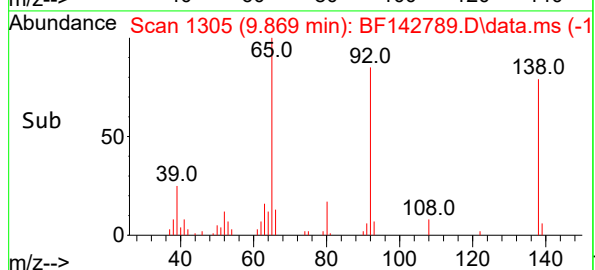
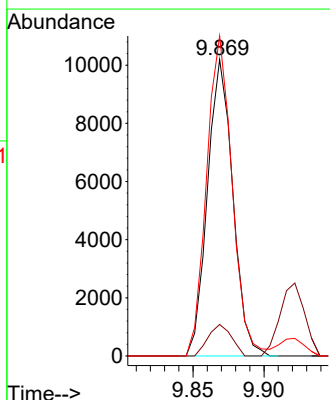
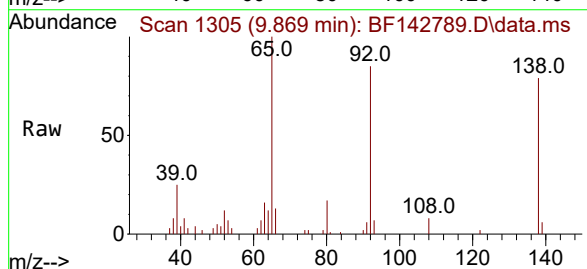
Tgt Ion:138 Resp: 12667

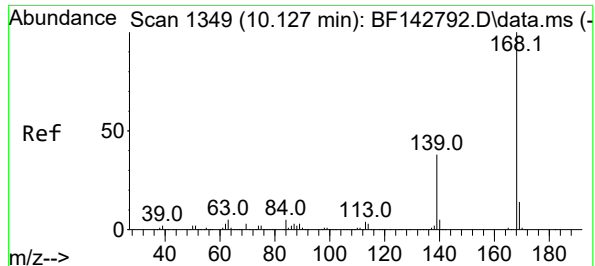
Ion Ratio Lower Upper

138 100

108 10.7 8.1 12.1

92 108.0 85.1 127.7





#55

Dibenzenofuran

Concen: 5.420 ng

RT: 10.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

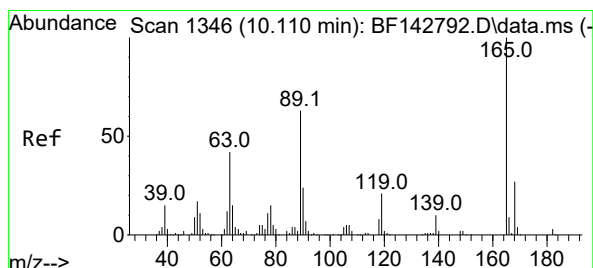
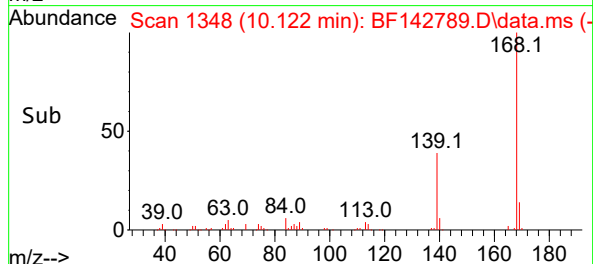
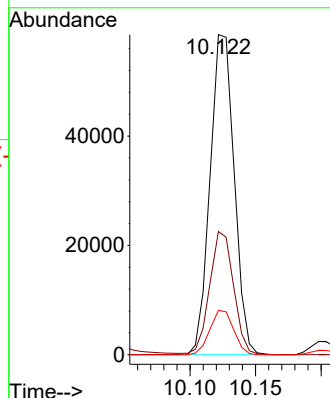
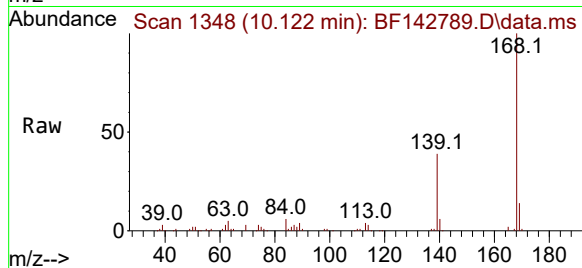
Tgt Ion:168 Resp: 74998

Ion Ratio Lower Upper

168 100

139 38.5 30.2 45.4

169 13.8 10.8 16.2



#57

2,4-Dinitrotoluene

Concen: 4.904 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Tgt Ion:165 Resp: 15173

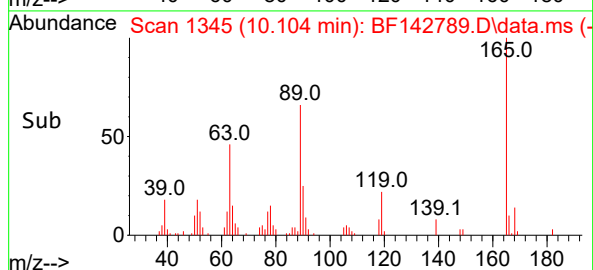
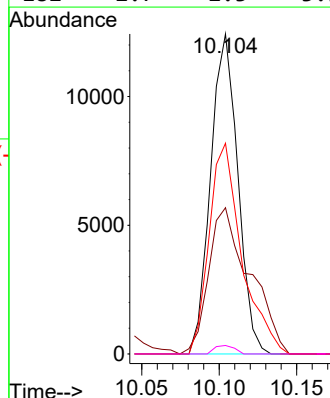
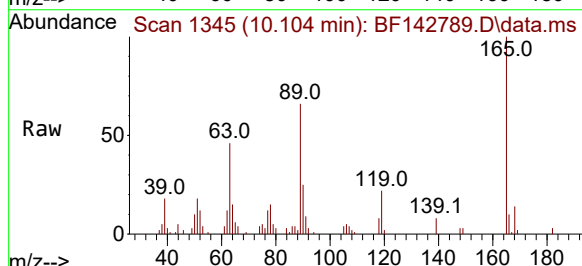
Ion Ratio Lower Upper

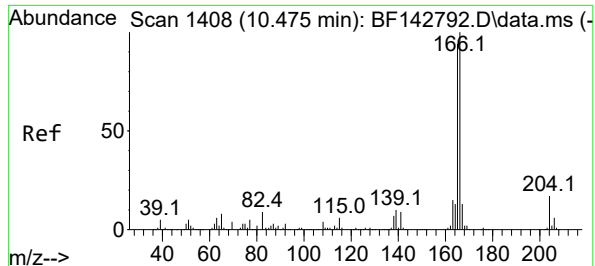
165 100

63 45.7 33.9 50.9

89 65.9 50.6 75.8

182 2.7 2.3 3.5

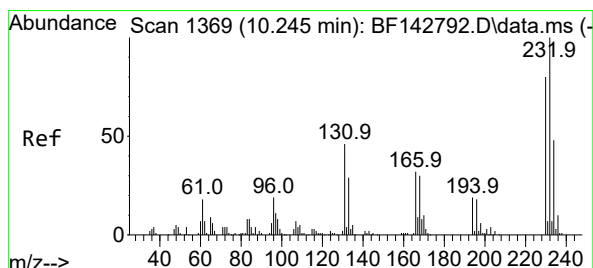
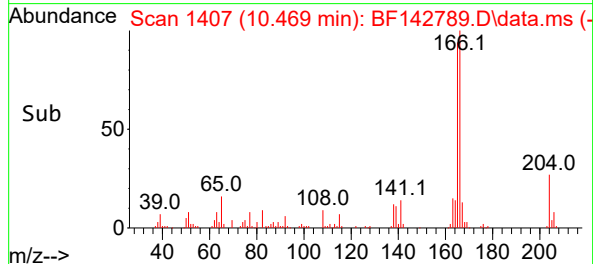
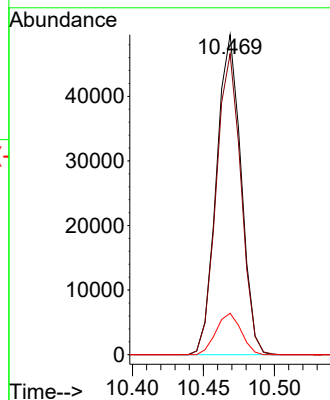
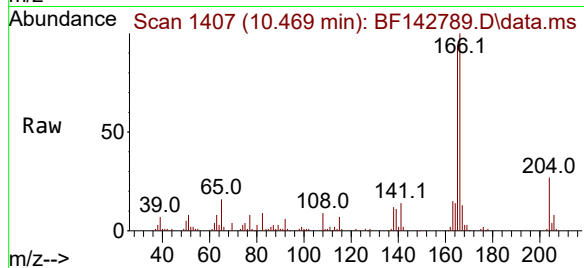




#58
Fluorene
Concen: 5.453 ng
RT: 10.469 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

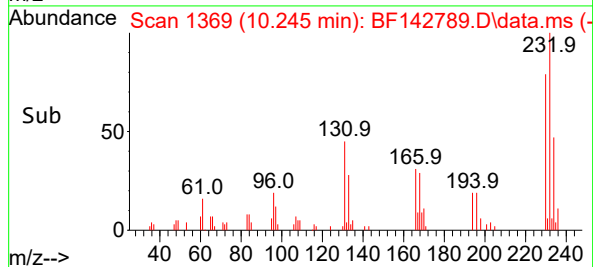
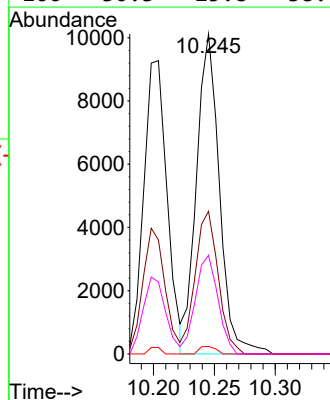
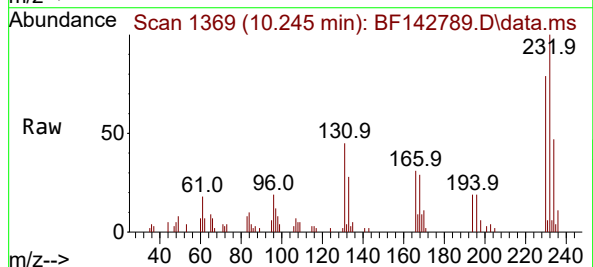
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

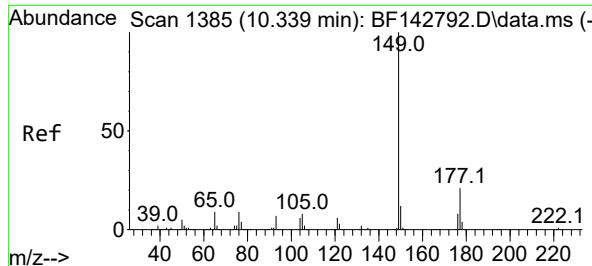
Tgt Ion:166 Resp: 59558
Ion Ratio Lower Upper
166 100
165 94.0 75.2 112.8
167 13.0 10.6 15.8



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.827 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:232 Resp: 13285
Ion Ratio Lower Upper
232 100
131 44.7 37.6 56.4
130 1.7 1.7 2.5#
166 30.3 25.8 38.6

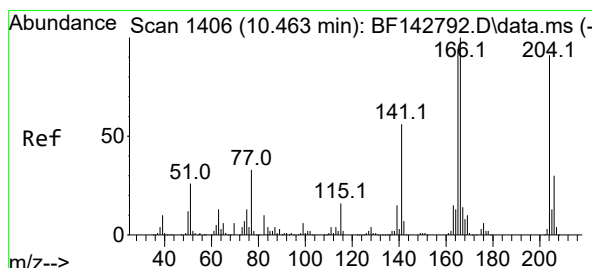
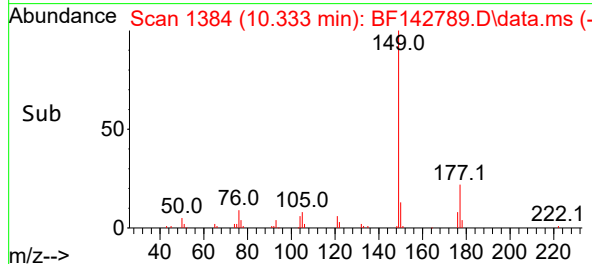
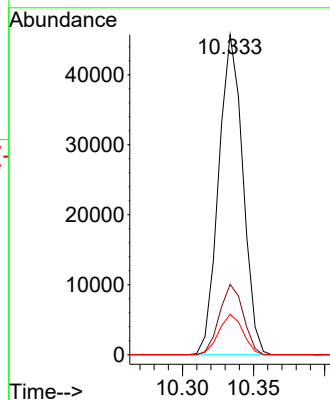
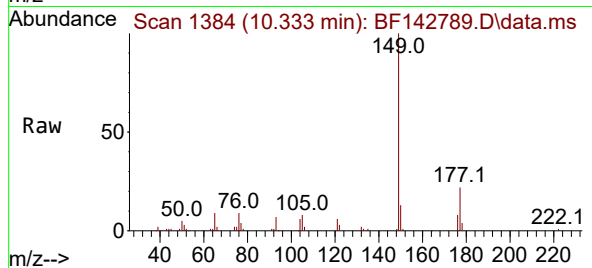




#60
Diethylphthalate
Concen: 5.040 ng
RT: 10.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

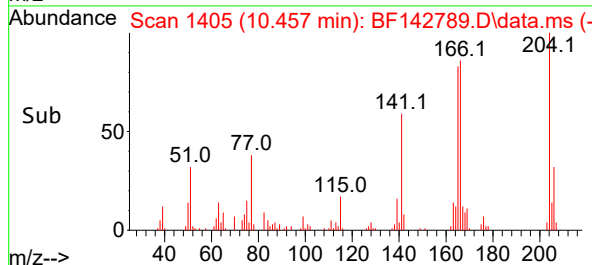
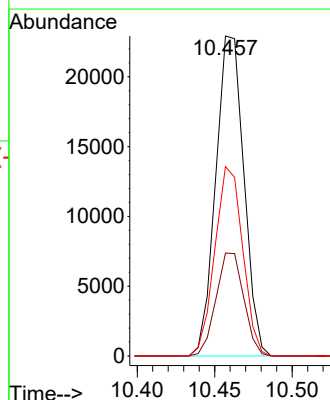
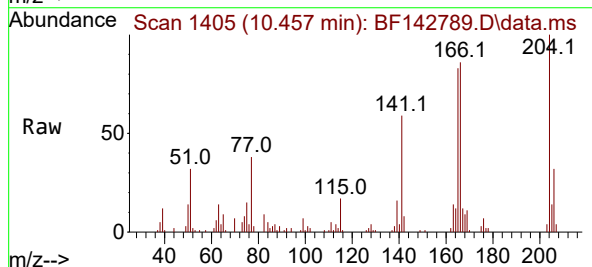
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

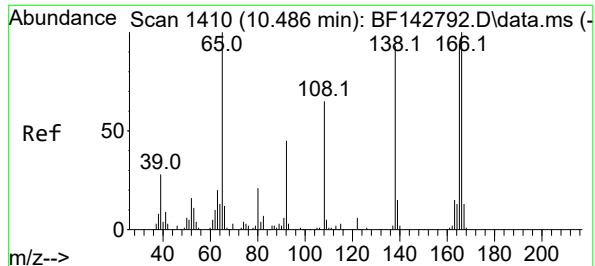
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.6
150	12.6	9.8	14.6



#61
4-Chlorophenyl-phenylether
Concen: 5.469 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.3	39.5
141	59.2	49.1	73.7





#62

4-Nitroaniline

Concen: 4.971 ng

RT: 10.475 min Scan# 1408

Delta R.T. -0.012 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

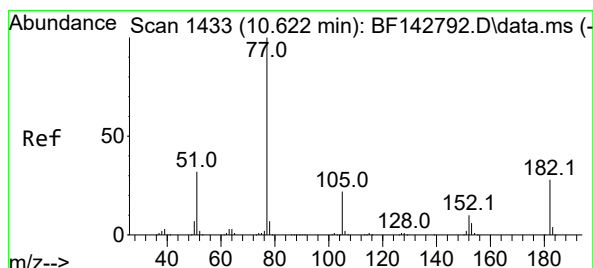
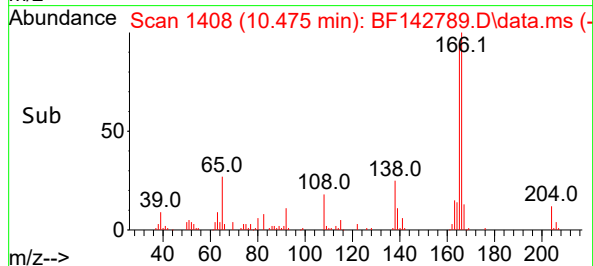
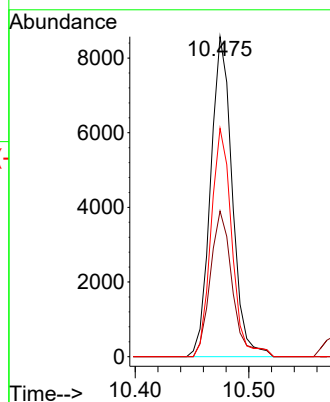
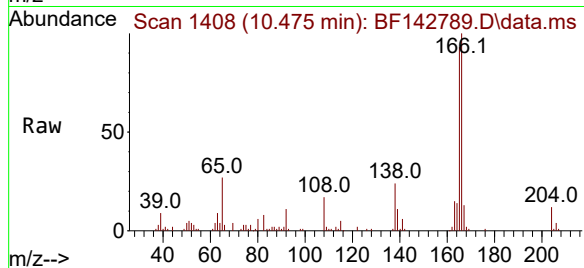
Tgt Ion:138 Resp: 11342

Ion Ratio Lower Upper

138 100

92 45.5 28.4 68.4

108 71.3 50.2 90.2



#63

Azobenzene

Concen: 5.276 ng

RT: 10.616 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Tgt Ion: 77 Resp: 49436

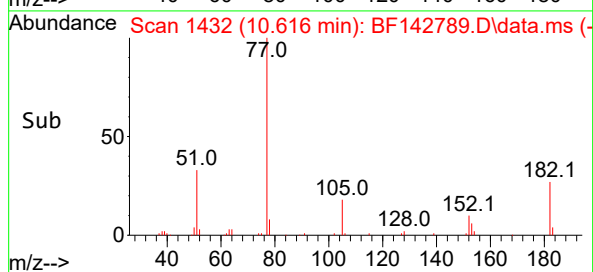
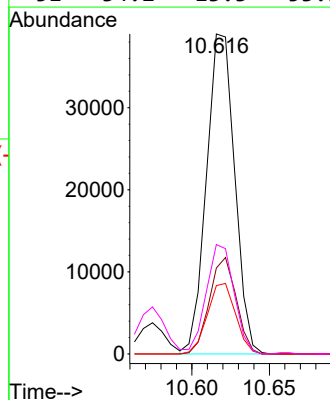
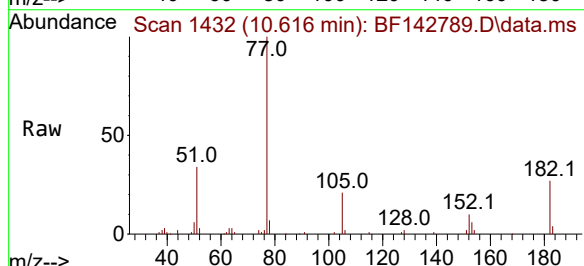
Ion Ratio Lower Upper

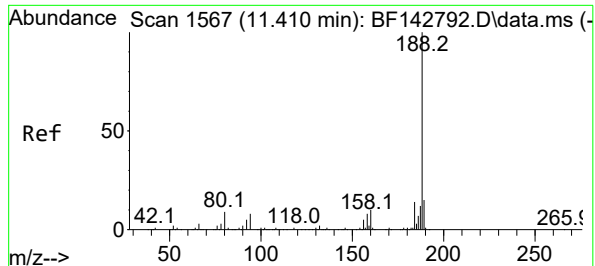
77 100

182 26.8 7.7 47.7

105 21.4 1.9 41.9

51 34.2 13.3 53.3

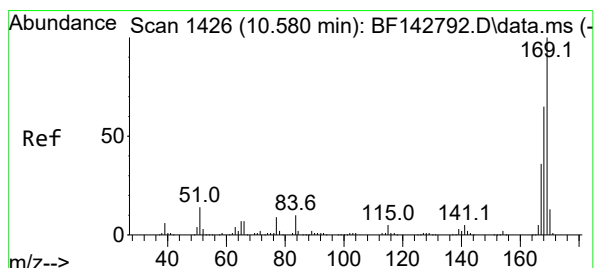
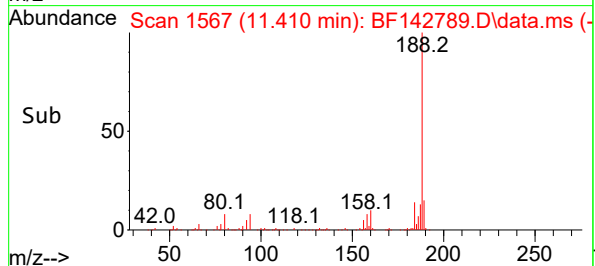
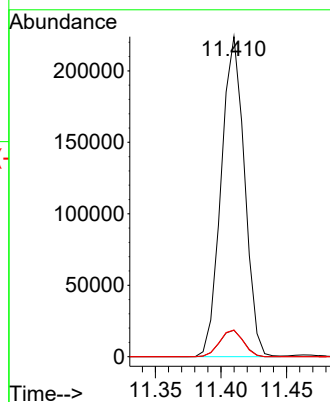
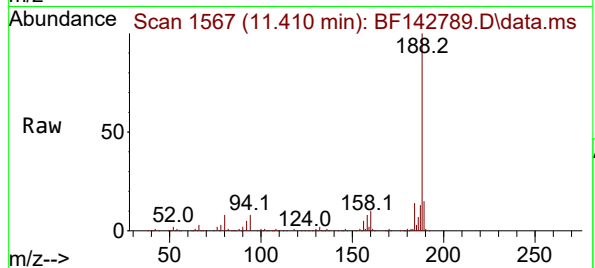




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

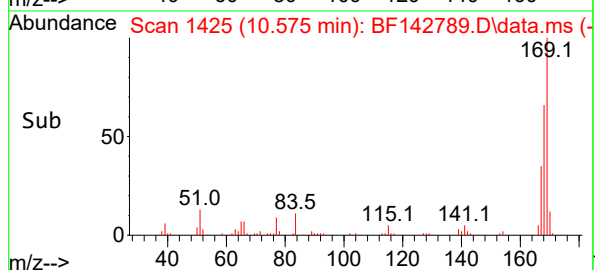
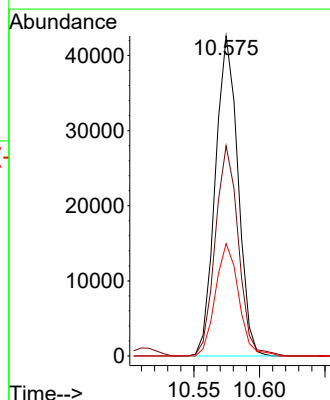
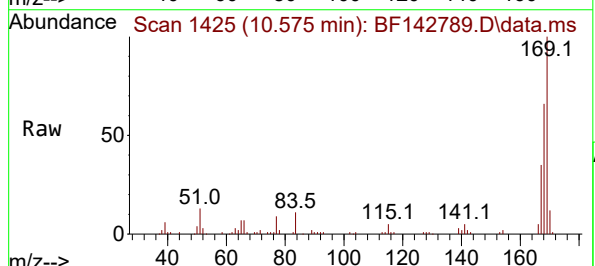
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

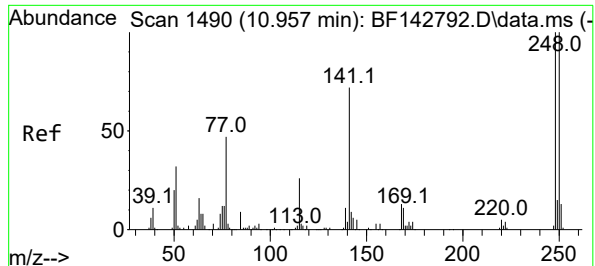
Tgt Ion:188 Resp: 277233
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.3 6.9 10.3



#66
n-Nitrosodiphenylamine
Concen: 5.356 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:169 Resp: 51021
Ion Ratio Lower Upper
169 100
168 65.7 51.9 77.9
167 35.1 28.5 42.7

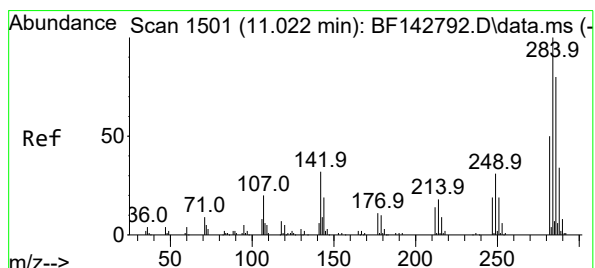
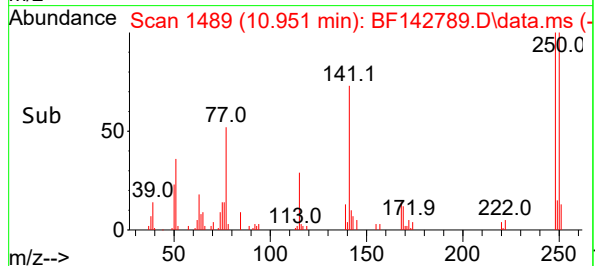
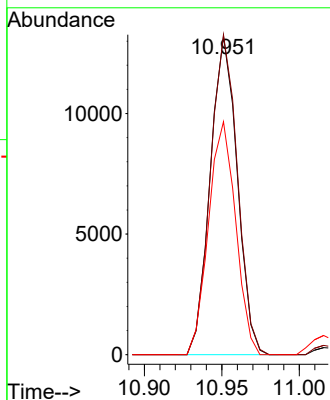
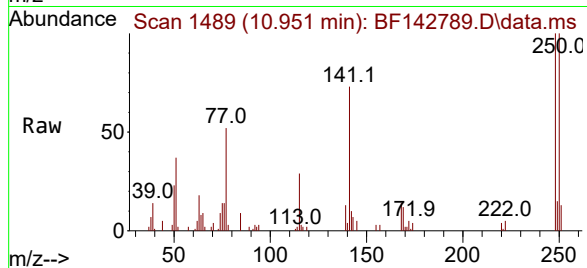




#67
4-Bromophenyl-phenylether
Concen: 4.927 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

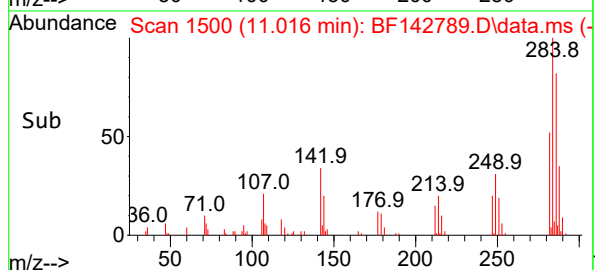
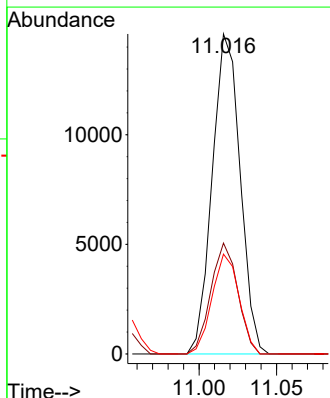
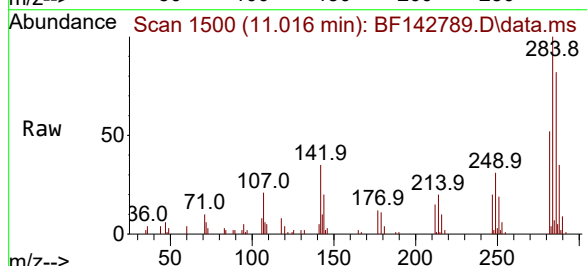
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

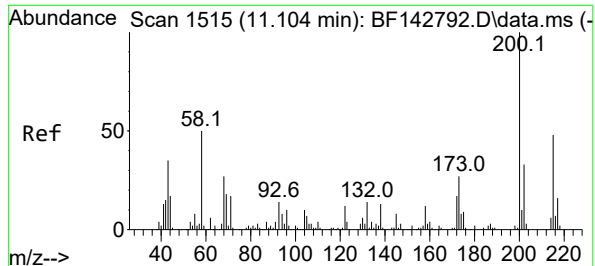
Tgt Ion:248 Resp: 15996
Ion Ratio Lower Upper
248 100
250 100.4 79.8 119.8
141 73.1 57.8 86.6



#68
Hexachlorobenzene
Concen: 5.059 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:284 Resp: 18237
Ion Ratio Lower Upper
284 100
142 34.6 25.5 38.3
249 31.2 24.9 37.3





#69

Atrazine

Concen: 4.832 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

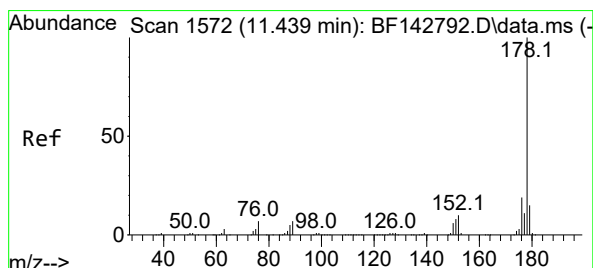
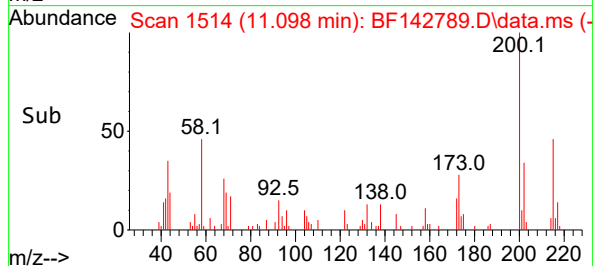
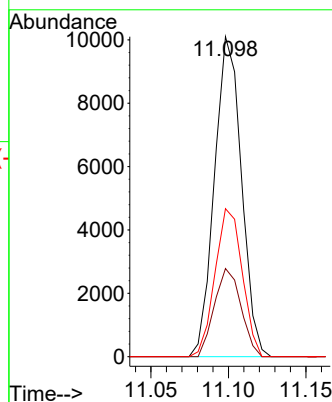
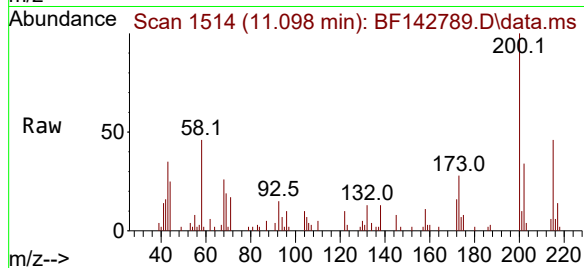
Tgt Ion:200 Resp: 12221

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

215 46.2 28.4 68.4



#71

Phenanthrene

Concen: 5.522 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

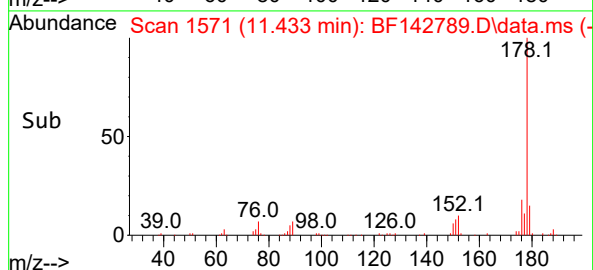
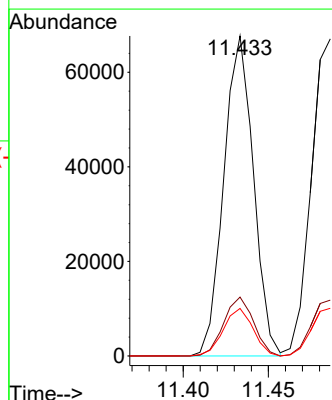
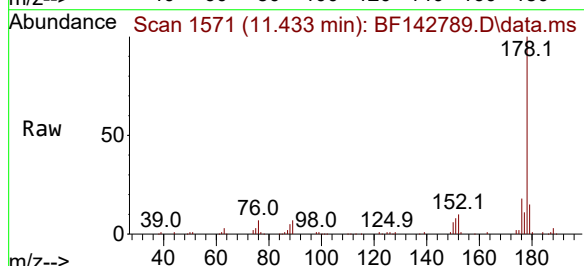
Tgt Ion:178 Resp: 81962

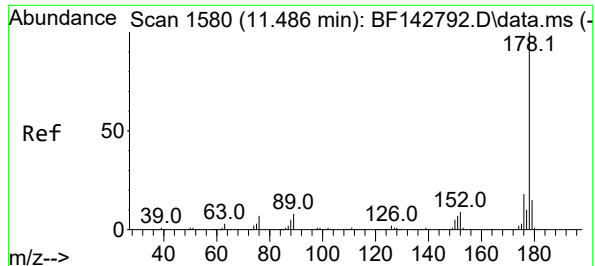
Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

179 14.8 12.0 18.0





#72

Anthracene

Concen: 5.529 ng

RT: 11.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

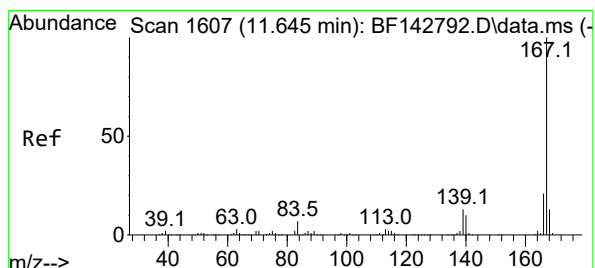
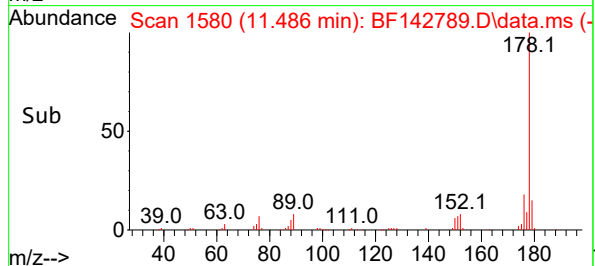
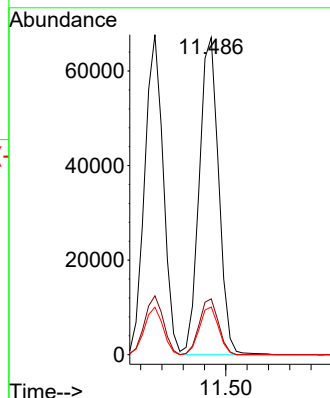
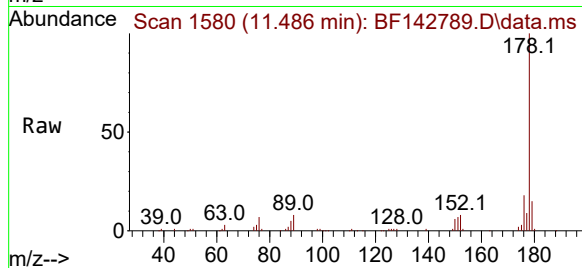
Tgt Ion:178 Resp: 84944

Ion Ratio Lower Upper

178 100

176 17.6 14.6 21.8

179 15.1 12.4 18.6



#73

Carbazole

Concen: 5.601 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

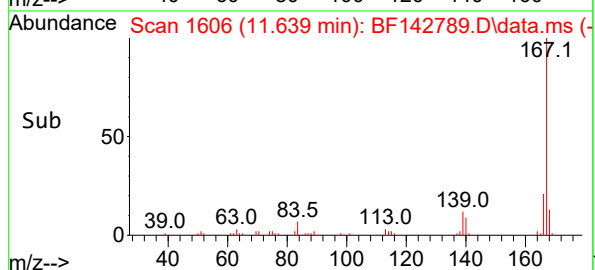
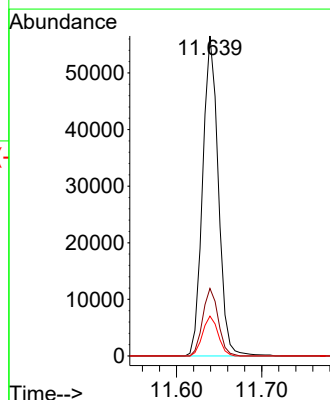
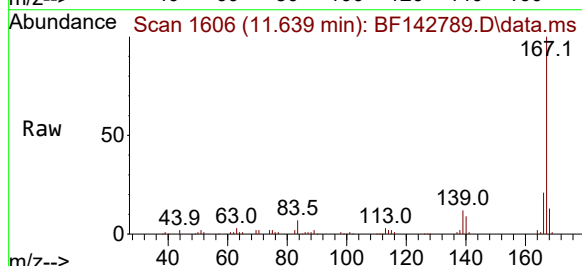
Tgt Ion:167 Resp: 72067

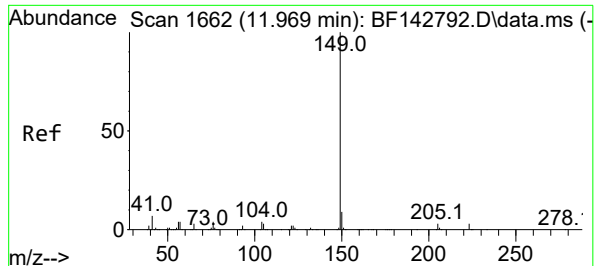
Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 12.5 10.2 15.2

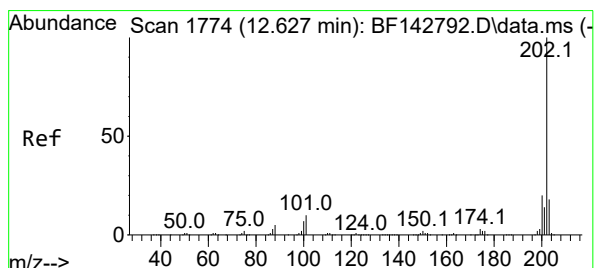
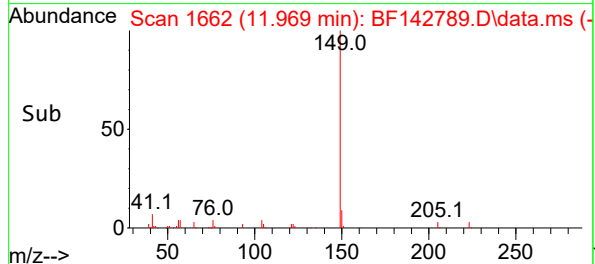
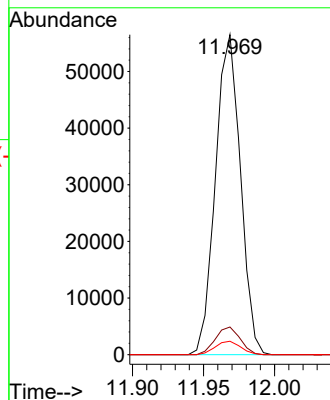
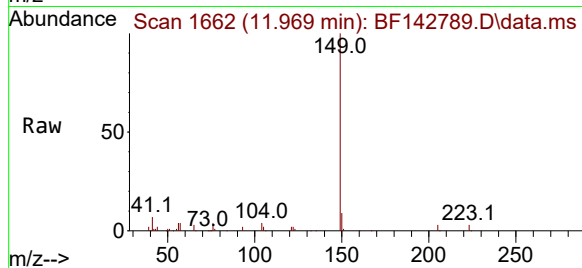




#74
Di-n-butylphthalate
Concen: 4.850 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

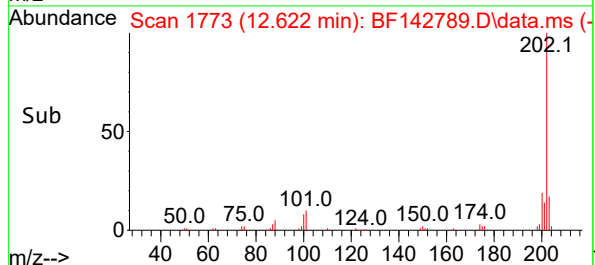
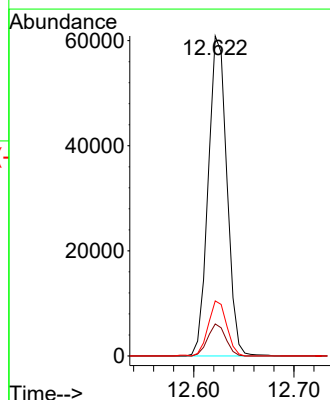
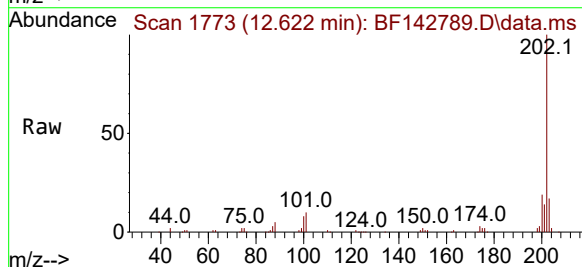
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

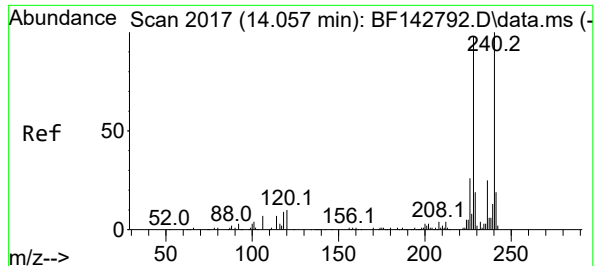
Tgt Ion:149 Resp: 69083
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.0
104 4.2 3.5 5.3



#75
Fluoranthene
Concen: 5.582 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:202 Resp: 78721
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.7
203 17.2 0.0 37.5

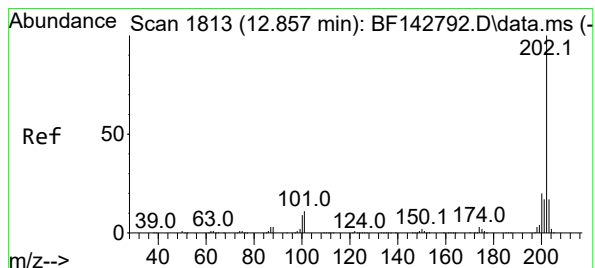
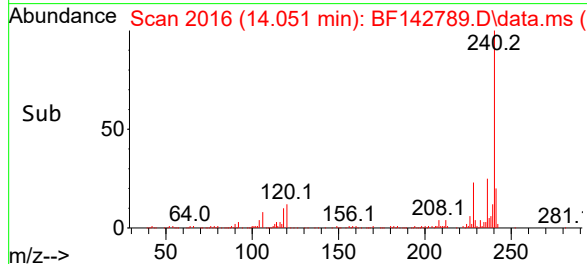
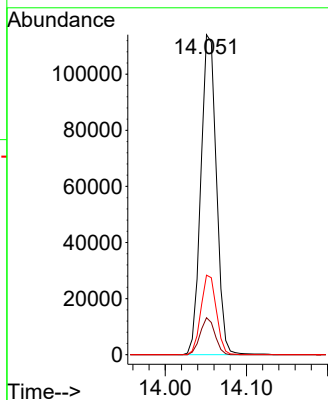
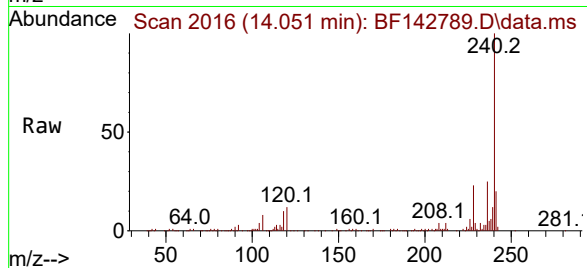




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

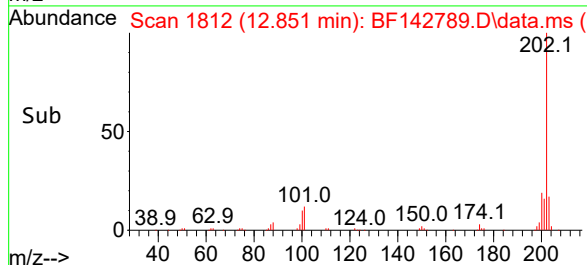
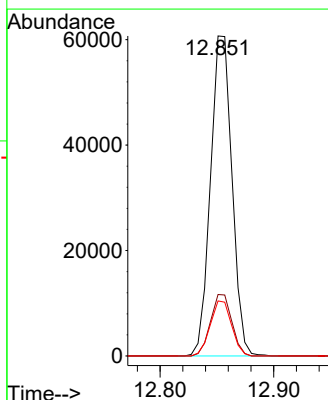
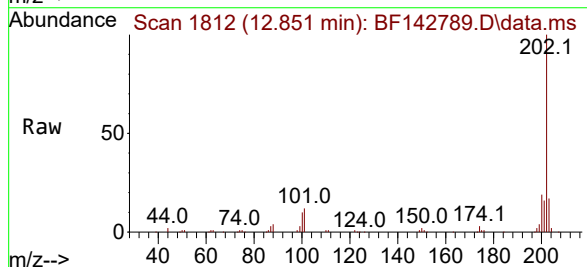
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

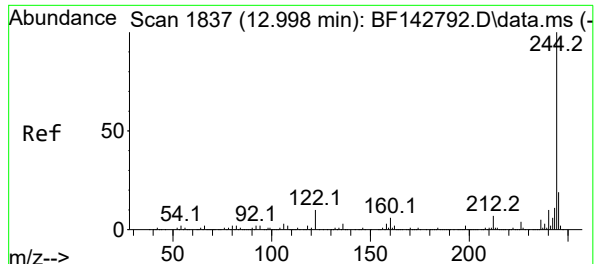
Tgt Ion:240 Resp: 151689
Ion Ratio Lower Upper
240 100
120 11.5 8.2 12.2
236 24.9 19.8 29.8



#78
Pyrene
Concen: 5.739 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:202 Resp: 80026
Ion Ratio Lower Upper
202 100
200 19.2 15.7 23.5
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 11.771 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

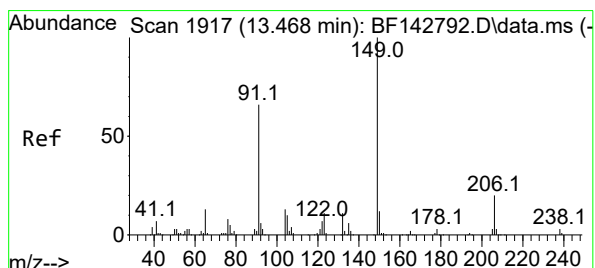
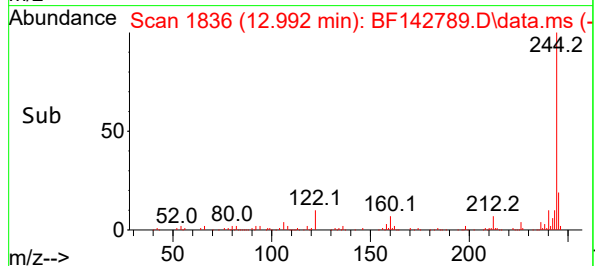
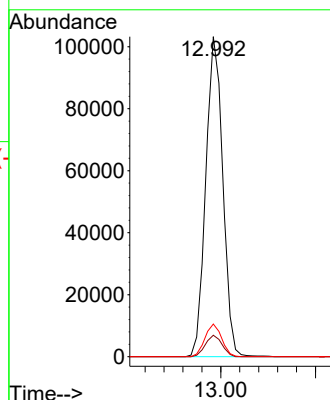
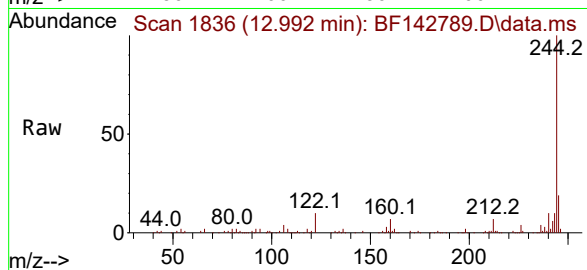
Tgt Ion:244 Resp: 128289

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 4.383 ng

RT: 13.469 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

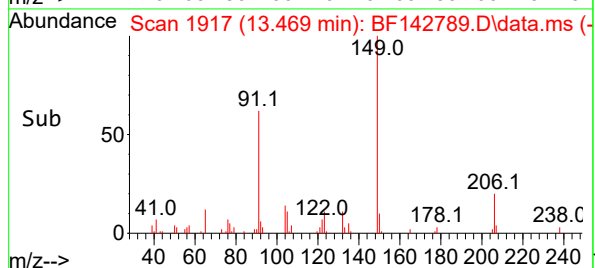
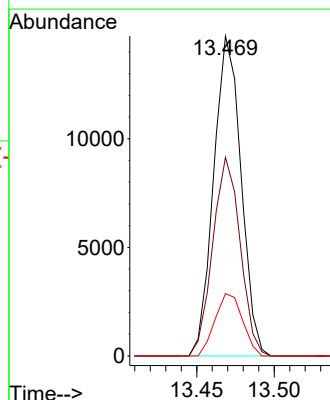
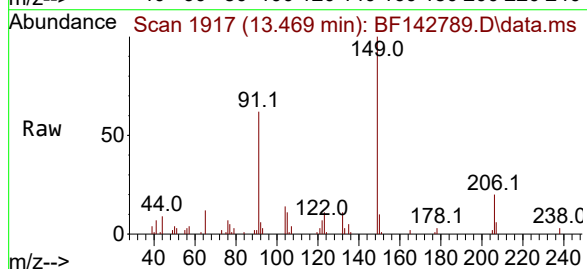
Tgt Ion:149 Resp: 18113

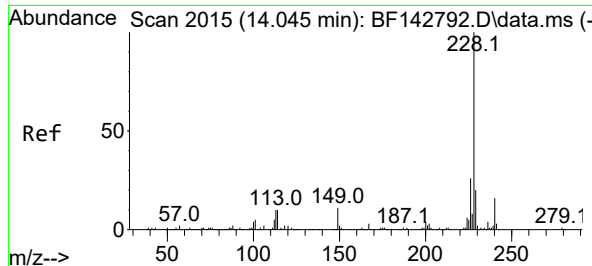
Ion Ratio Lower Upper

149 100

91 62.1 52.9 79.3

206 19.5 16.3 24.5

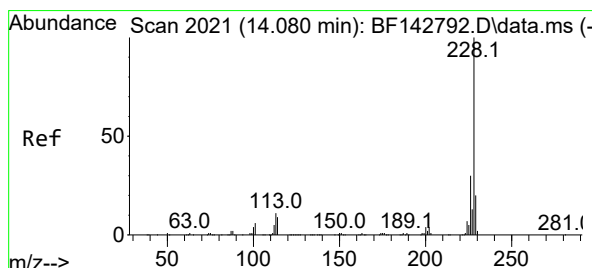
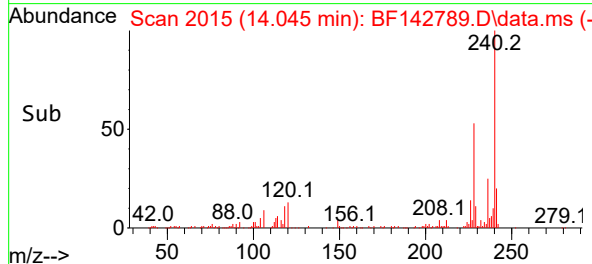
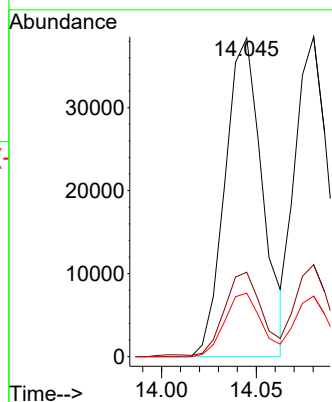
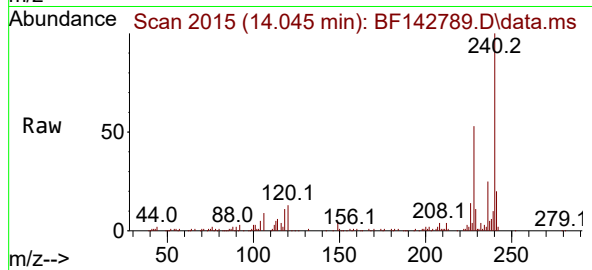




#81
Benzo(a)anthracene
Concen: 5.300 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

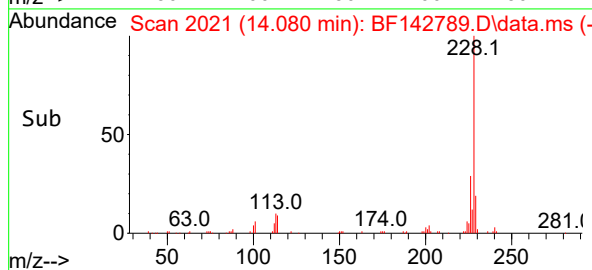
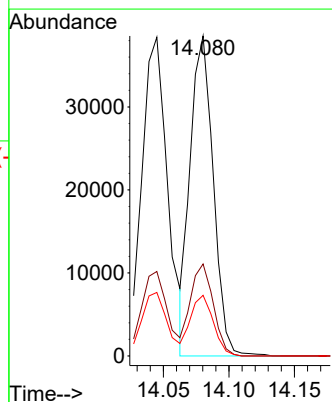
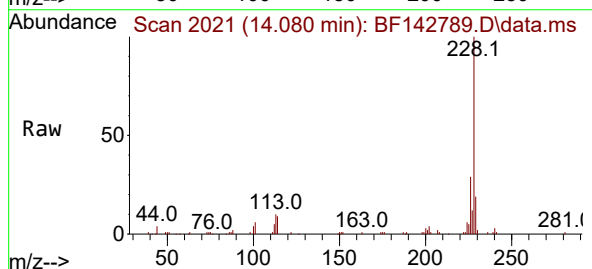
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

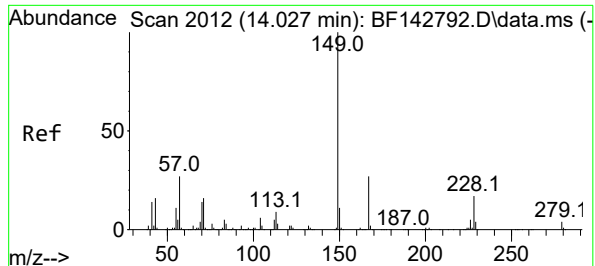
Tgt Ion:228 Resp: 52785
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.9 15.6 23.4



#83
Chrysene
Concen: 5.084 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:228 Resp: 47142
Ion Ratio Lower Upper
228 100
226 28.7 23.7 35.5
229 18.9 15.7 23.5

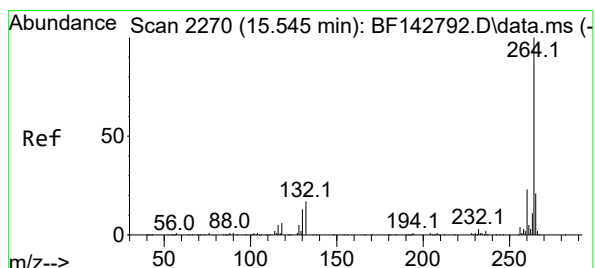
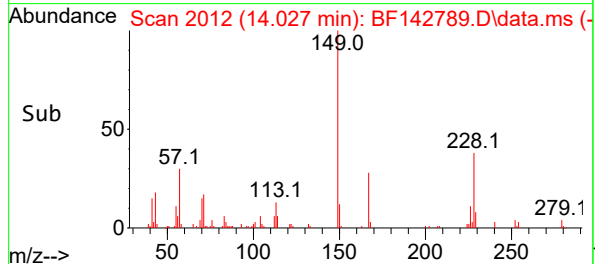
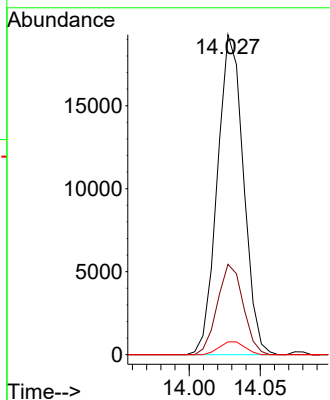
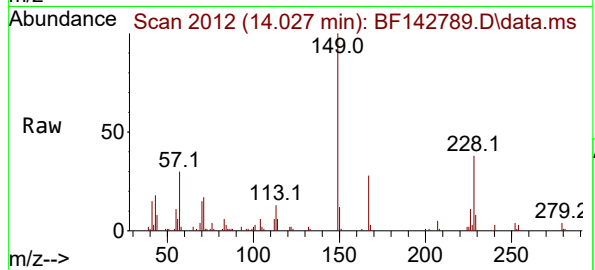




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.002 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

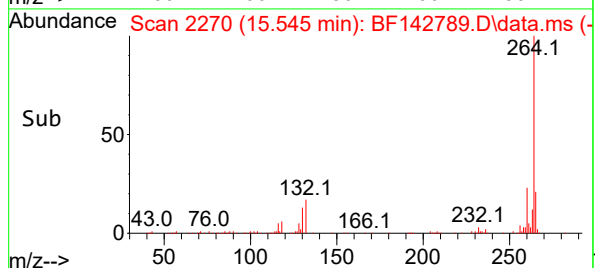
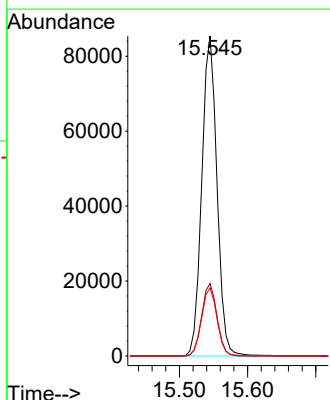
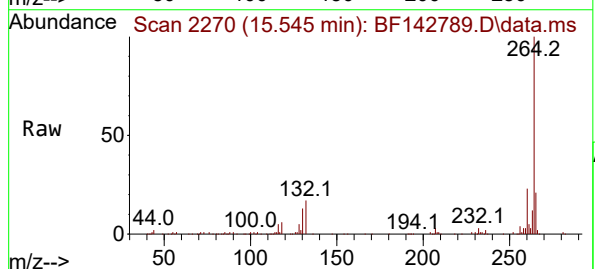
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

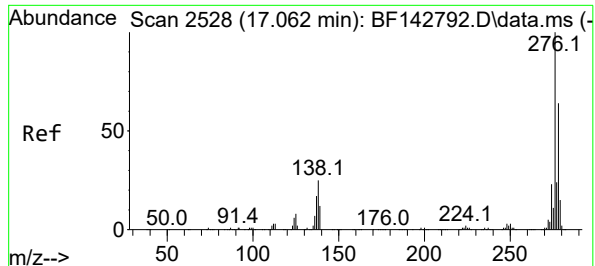
Tgt Ion:149 Resp: 24641
Ion Ratio Lower Upper
149 100
167 28.3 21.4 32.0
279 4.0 3.0 4.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:264 Resp: 132284
Ion Ratio Lower Upper
264 100
260 22.7 18.1 27.1
265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.168 ng

RT: 17.045 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

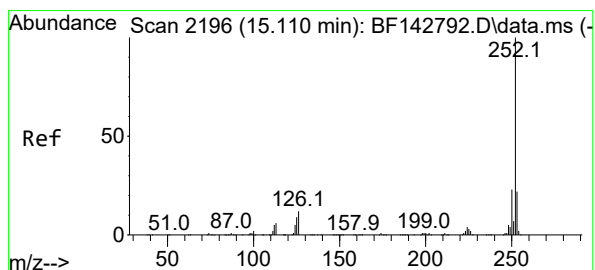
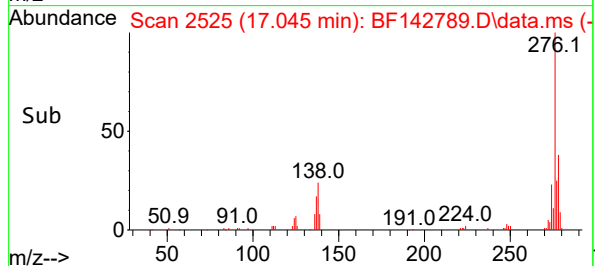
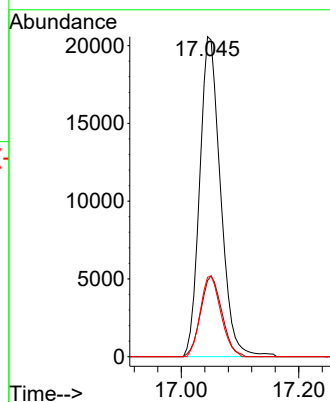
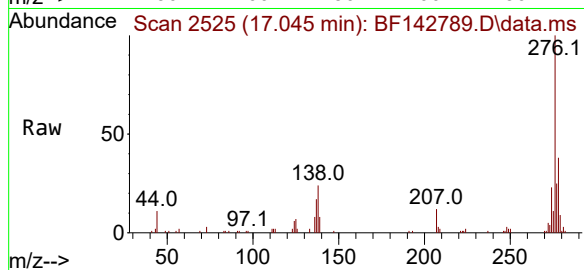
Tgt Ion:276 Resp: 50546

Ion Ratio Lower Upper

276 100

138 25.7 20.2 30.4

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 4.996 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

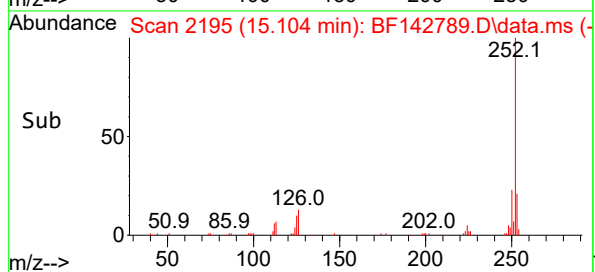
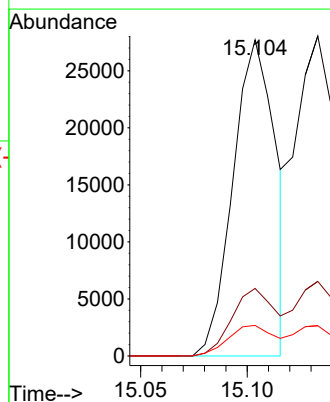
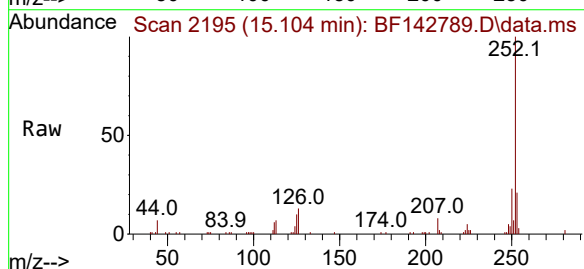
Tgt Ion:252 Resp: 38493

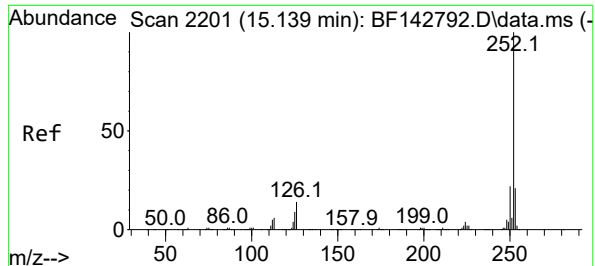
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 5.302 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

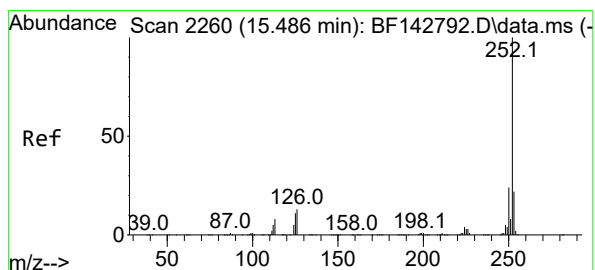
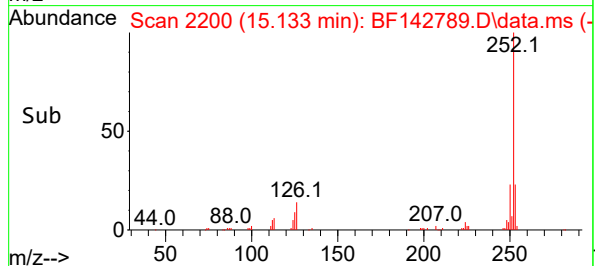
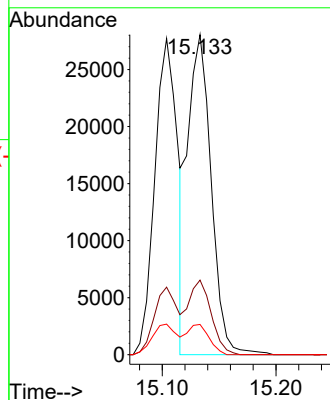
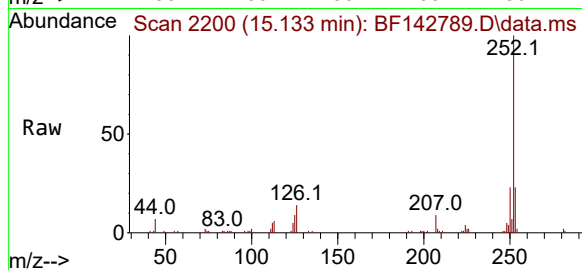
Tgt Ion:252 Resp: 39874

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

125 9.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 5.124 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

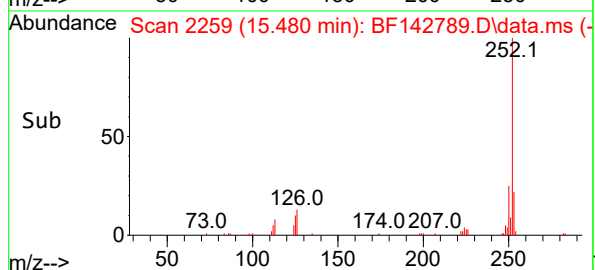
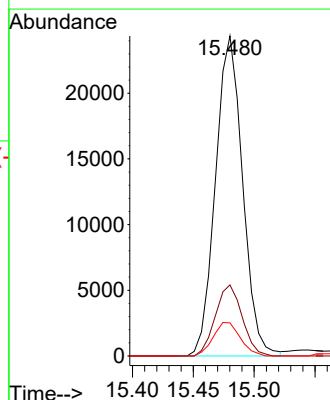
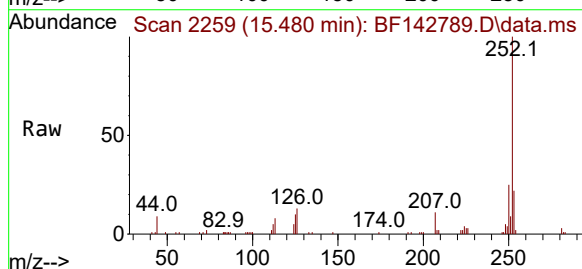
Tgt Ion:252 Resp: 37779

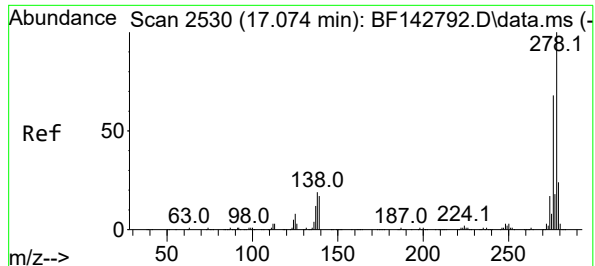
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.3 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 5.194 ng

RT: 17.062 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

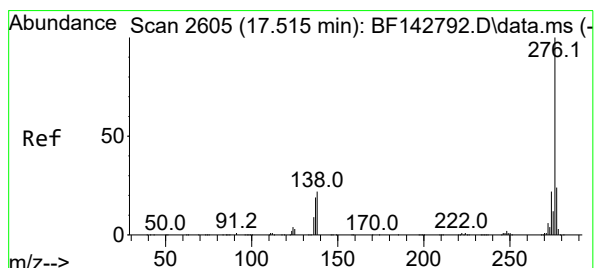
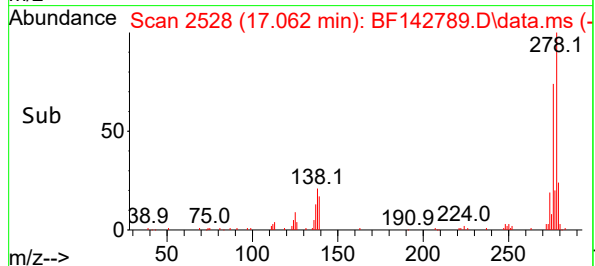
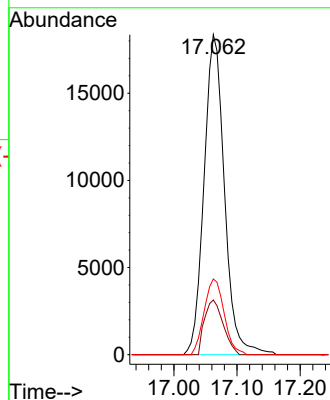
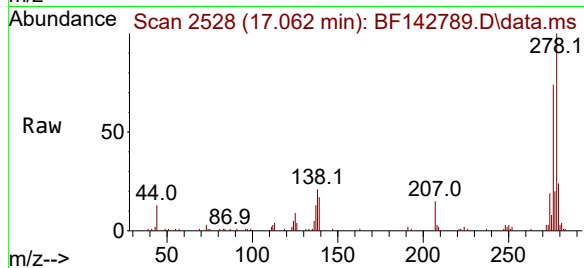
Tgt Ion:278 Resp: 41301

Ion Ratio Lower Upper

278 100

139 17.1 13.5 20.3

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 5.165 ng

RT: 17.504 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BF142789.D

Acq: 19 Jun 2025 17:38

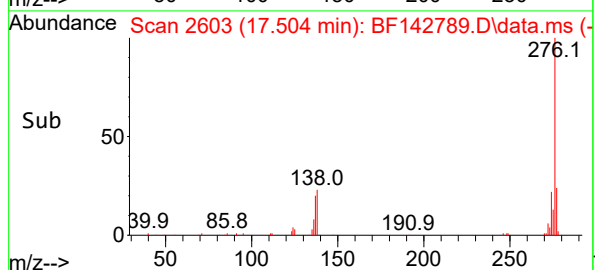
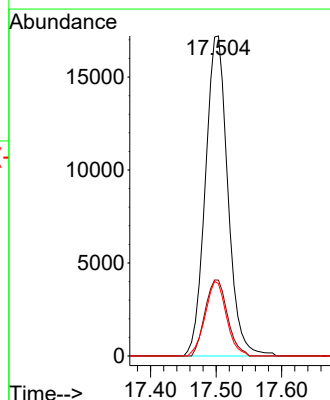
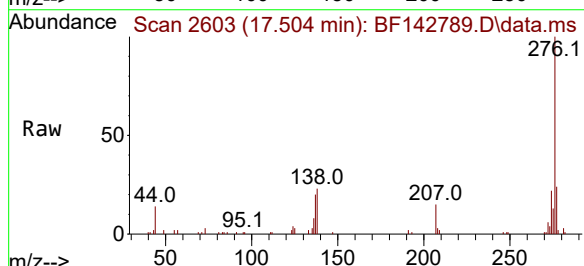
Tgt Ion:276 Resp: 40975

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 22.6 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142790.D
 Acq On : 19 Jun 2025 18:08
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Jun 20 04:38:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	76918	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	299903	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	158336	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	273084	20.000	ng	0.00
76) Chrysene-d12	14.057	240	152374	20.000	ng	0.00
86) Perylene-d12	15.545	264	140417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	94601	20.977	ng	0.00
7) Phenol-d6	6.504	99	113910	21.510	ng	0.00
23) Nitrobenzene-d5	7.440	82	108508	19.832	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	32767	19.042	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	259052	21.765	ng	0.00
79) Terphenyl-d14	12.992	244	237037	21.651	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	19183	10.712	ng	98
3) Pyridine	3.416	79	45966	10.252	ng	98
4) n-Nitrosodimethylamine	3.346	42	23459	10.216	ng	99
6) Aniline	6.540	93	74779	10.537	ng	100
8) 2-Chlorophenol	6.663	128	50128	10.208	ng	99
9) Benzaldehyde	6.428	77	37993	11.768	ng	98
10) Phenol	6.516	94	63585	10.769	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	43585	9.950	ng	99
12) 1,3-Dichlorobenzene	6.822	146	57659	10.312	ng	97
13) 1,4-Dichlorobenzene	6.898	146	57522	10.149	ng	99
14) 1,2-Dichlorobenzene	7.051	146	54672	10.091	ng	99
15) Benzyl Alcohol	7.016	79	39348	9.927	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	71897	10.417	ng	99
17) 2-Methylphenol	7.128	107	38357	10.217	ng	98
18) Hexachloroethane	7.393	117	20035	9.889	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	32293	9.670	ng	98
20) 3+4-Methylphenols	7.281	107	49675	10.513	ng	91
22) Acetophenone	7.287	105	67666	10.197	ng	98
24) Nitrobenzene	7.457	77	48789	10.034	ng	99
25) Isophorone	7.698	82	87205	9.504	ng	99
26) 2-Nitrophenol	7.781	139	25734	9.498	ng	99
27) 2,4-Dimethylphenol	7.810	122	46454	10.071	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	55907	9.788	ng	100
29) 2,4-Dichlorophenol	8.022	162	41925	9.861	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	47419	10.097	ng	99
31) Naphthalene	8.187	128	150265	10.188	ng	100
32) Benzoic acid	7.887	122	17708	6.919	ng	90
33) 4-Chloroaniline	8.234	127	61190	10.352	ng	98
34) Hexachlorobutadiene	8.304	225	28192	9.473	ng	100
35) Caprolactam	8.569	113	10933	9.557	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	41204	9.382	ng	98
37) 2-Methylnaphthalene	8.875	142	93078	10.003	ng	98
38) 1-Methylnaphthalene	8.975	142	96673	10.007	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	48175	10.540	ng	98
41) Hexachlorocyclopentadiene	9.028	237	18602	6.436	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	30118	10.182	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142790.D
 Acq On : 19 Jun 2025 18:08
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Jun 20 04:38:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

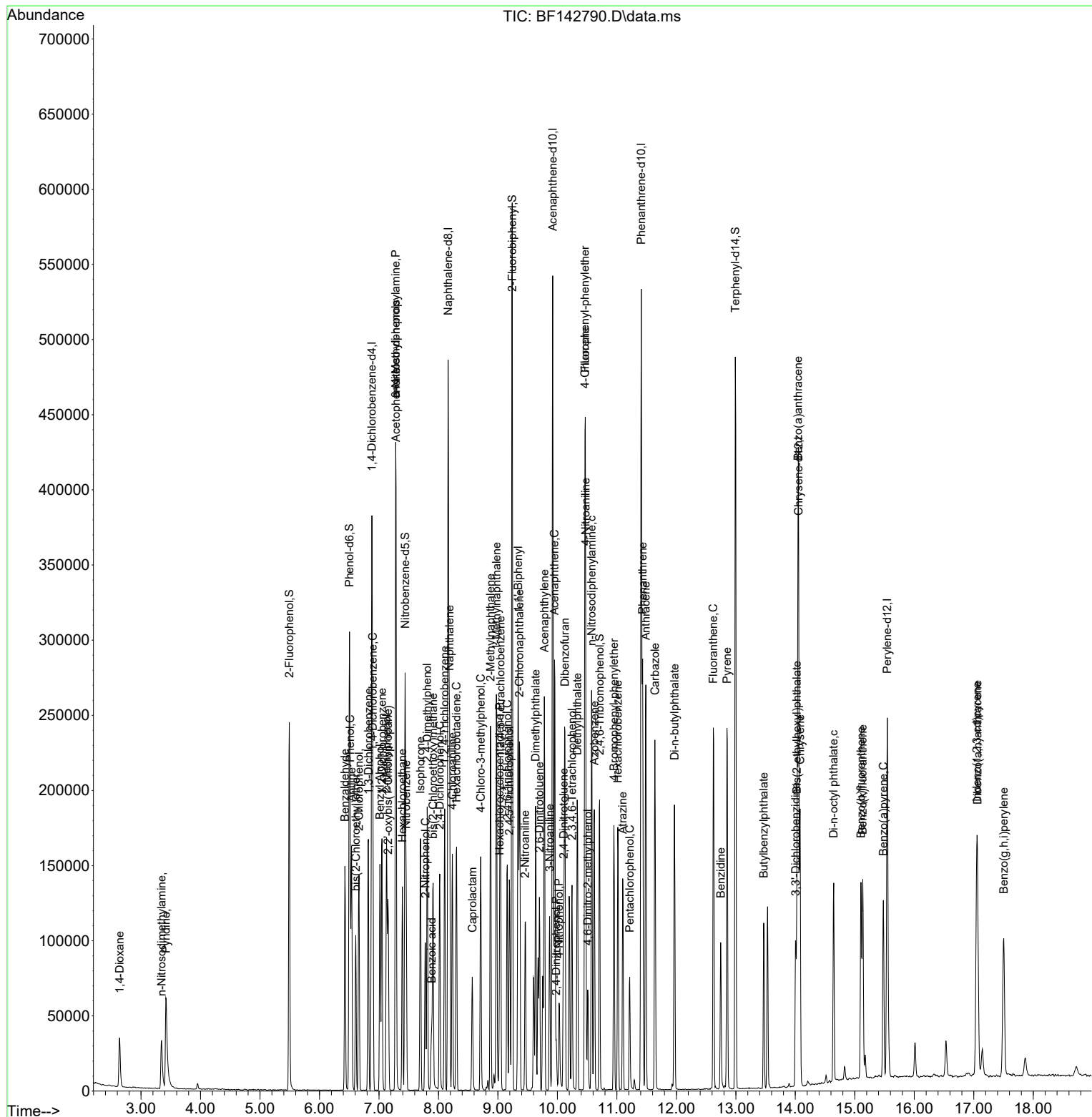
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	31900	9.987	ng	99
46) 1,1'-Biphenyl	9.339	154	127911	10.404	ng	98
47) 2-Chloronaphthalene	9.363	162	95194	10.493	ng	100
48) 2-Nitroaniline	9.457	65	26075	10.117	ng	98
49) Acenaphthylene	9.781	152	158842	10.415	ng	99
50) Dimethylphthalate	9.634	163	105636	10.058	ng	99
51) 2,6-Dinitrotoluene	9.698	165	22116	9.714	ng	97
52) Acenaphthene	9.951	154	94961	10.062	ng	98
53) 3-Nitroaniline	9.869	138	24651	9.968	ng	98
54) 2,4-Dinitrophenol	9.981	184	7521	6.104	ng	97
55) Dibenzofuran	10.128	168	140256	10.416	ng	97
56) 4-Nitrophenol	10.028	139	14986	8.927	ng	94
57) 2,4-Dinitrotoluene	10.104	165	29934	9.943	ng	99
58) Fluorene	10.469	166	111772	10.518	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	25885	9.666	ng	96
60) Diethylphthalate	10.334	149	103048	9.877	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	51958	10.067	ng	96
62) 4-Nitroaniline	10.475	138	21876	9.854	ng	98
63) Azobenzene	10.622	77	90965	9.977	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	13545	7.982	ng	91
66) n-Nitrosodiphenylamine	10.575	169	93632	9.978	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	30145	9.425	ng	97
68) Hexachlorobenzene	11.016	284	33838	9.530	ng	98
69) Atrazine	11.098	200	23423	9.401	ng	98
70) Pentachlorophenol	11.216	266	13894	7.534	ng	96
71) Phenanthrene	11.433	178	151997	10.396	ng	100
72) Anthracene	11.486	178	153376	10.135	ng	99
73) Carbazole	11.639	167	134656	10.625	ng	99
74) Di-n-butylphthalate	11.969	149	137293	9.784	ng	99
75) Fluoranthene	12.622	202	148540	10.693	ng	98
77) Benzidine	12.745	184	56769	10.524	ng	98
78) Pyrene	12.851	202	147819	10.553	ng	100
80) Butylbenzylphthalate	13.469	149	35843	8.635	ng	100
81) Benzo(a)anthracene	14.045	228	103495	10.345	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	30349	9.368	ng	99
83) Chrysene	14.080	228	90725	9.741	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	51432	8.316	ng	99
85) Di-n-octyl phthalate	14.645	149	91989	7.805	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	104445	10.061	ng	100
88) Benzo(b)fluoranthene	15.104	252	85689	10.478	ng	99
89) Benzo(k)fluoranthene	15.133	252	70470	8.828	ng	99
90) Benzo(a)pyrene	15.480	252	74803	9.558	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	85238	10.099	ng	99
92) Benzo(g,h,i)perylene	17.504	276	84115	9.989	ng	98

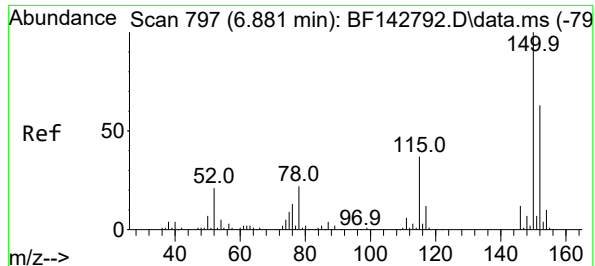
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\  
Data File : BF142790.D  
Acq On    : 19 Jun 2025  18:08  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jun 20 04:38:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration

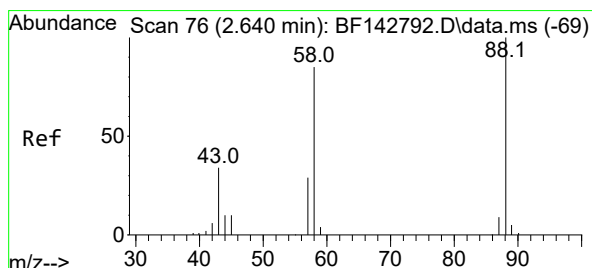
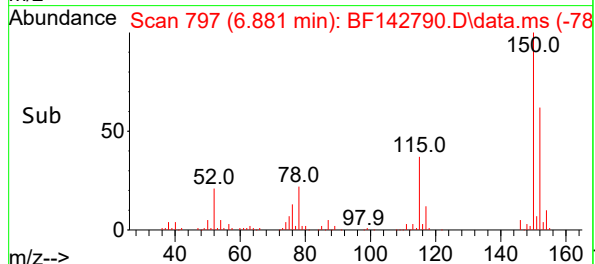
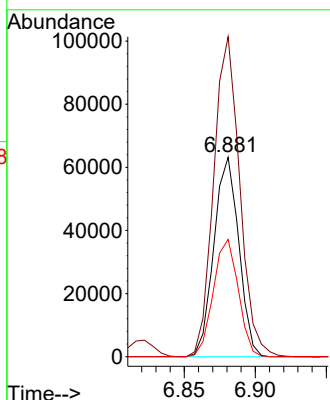
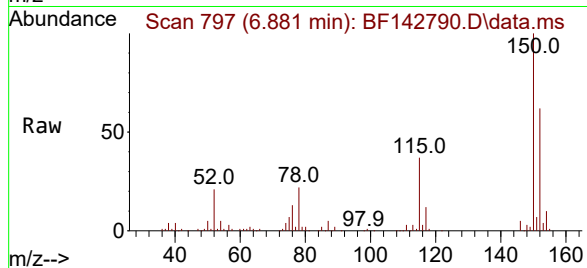




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

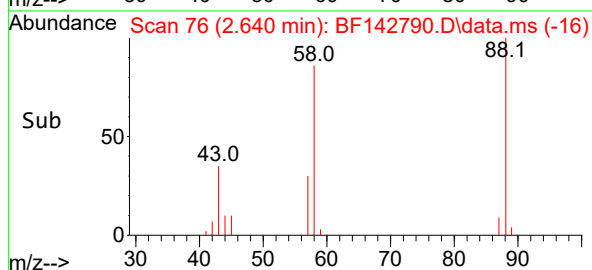
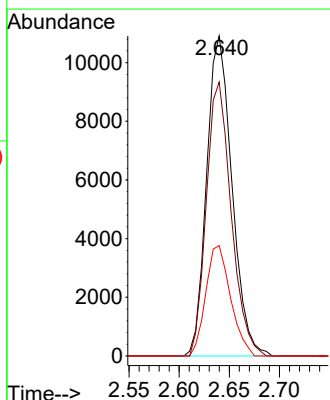
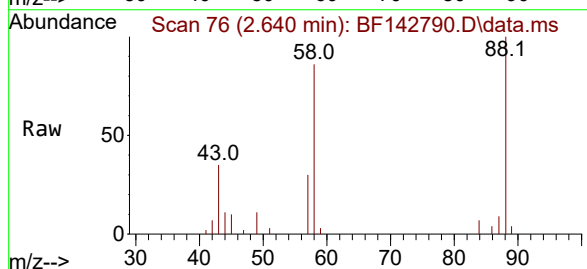
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

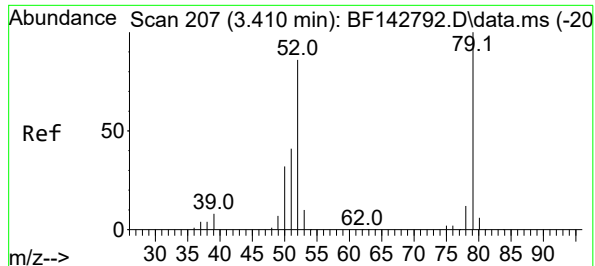
Tgt Ion:152 Resp: 76918
Ion Ratio Lower Upper
152 100
150 160.5 127.2 190.8
115 58.8 46.6 69.8



#2
1,4-Dioxane
Concen: 10.712 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion: 88 Resp: 19183
Ion Ratio Lower Upper
88 100
58 83.9 69.1 103.7
43 33.7 27.4 41.2





#3

Pyridine

Concen: 10.252 ng

RT: 3.416 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

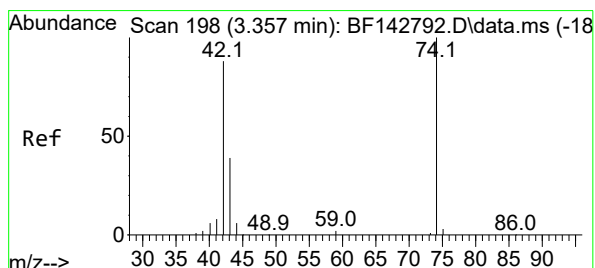
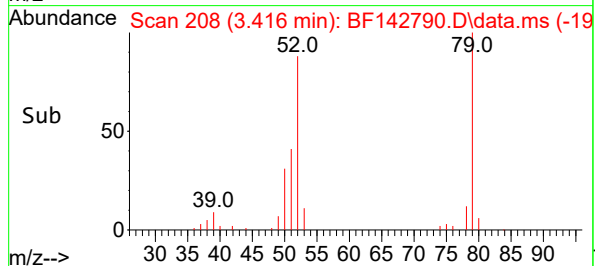
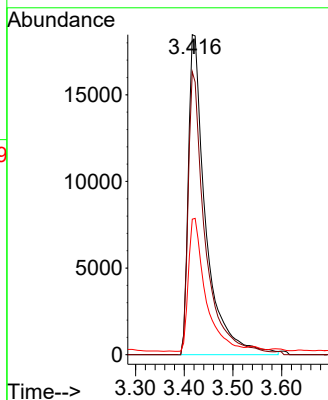
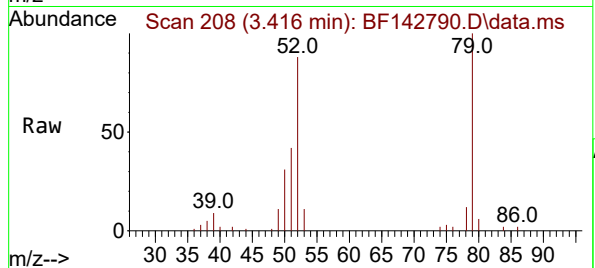
Tgt Ion: 79 Resp: 45966

Ion Ratio Lower Upper

79 100

52 88.4 69.2 103.8

51 42.4 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 10.216 ng

RT: 3.346 min Scan# 196

Delta R.T. -0.012 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

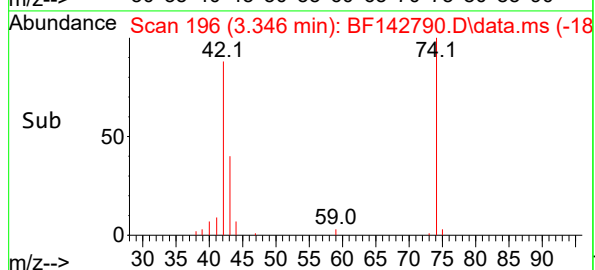
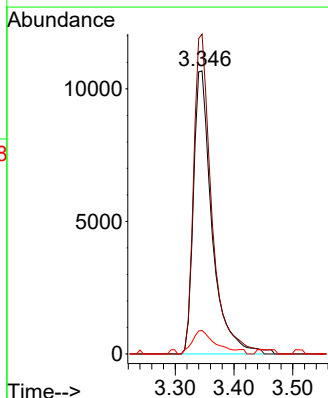
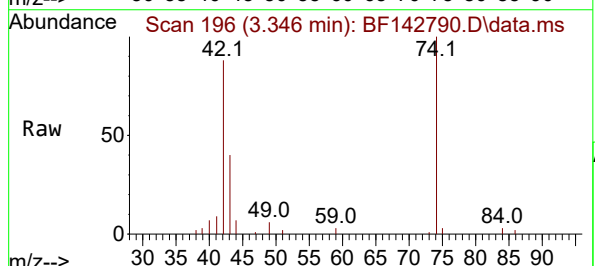
Tgt Ion: 42 Resp: 23459

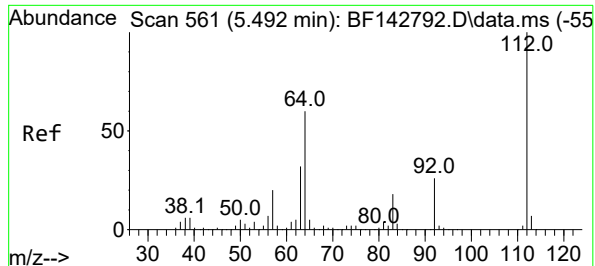
Ion Ratio Lower Upper

42 100

74 113.1 90.9 136.3

44 8.3 5.8 8.6





#5

2-Fluorophenol

Concen: 20.977 ng

RT: 5.493 min Scan# 50

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

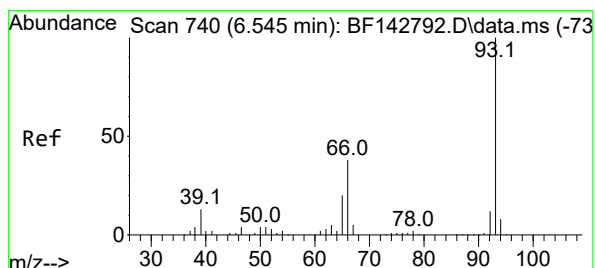
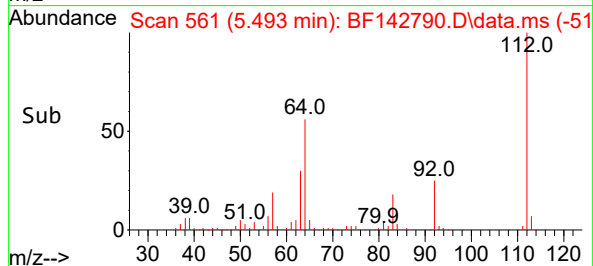
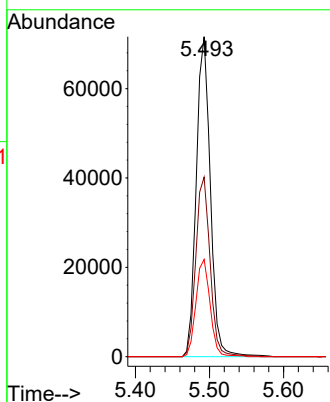
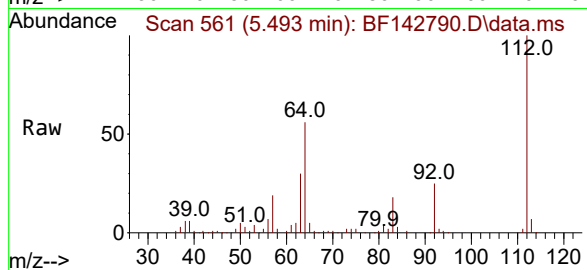
Tgt Ion:112 Resp: 94601

Ion Ratio Lower Upper

112 100

64 56.1 48.2 72.2

63 30.4 25.7 38.5



#6

Aniline

Concen: 10.537 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

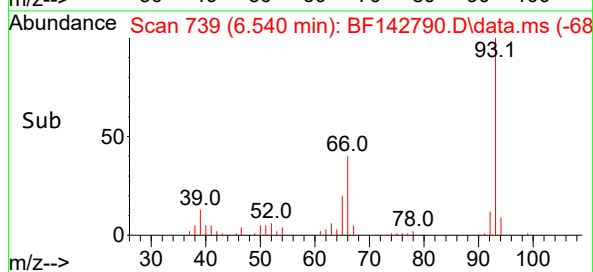
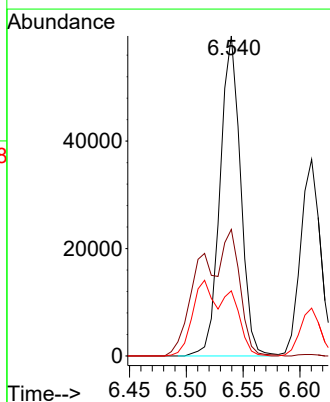
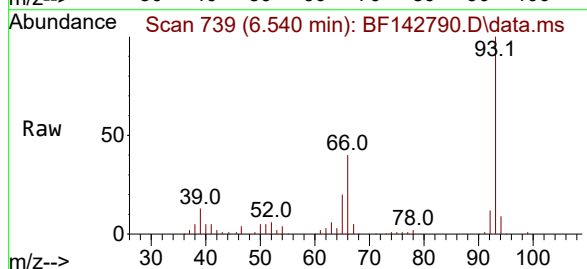
Tgt Ion: 93 Resp: 74779

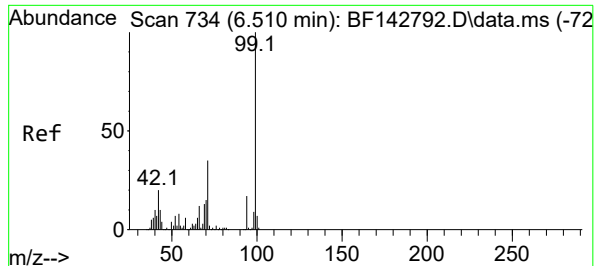
Ion Ratio Lower Upper

93 100

66 39.6 31.8 47.6

65 20.4 16.2 24.2





#7

Phenol-d6

Concen: 21.510 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

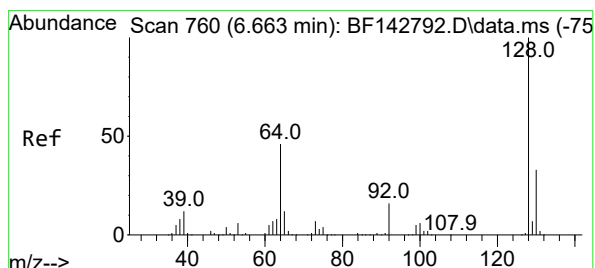
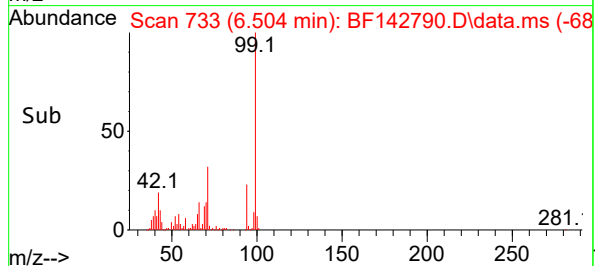
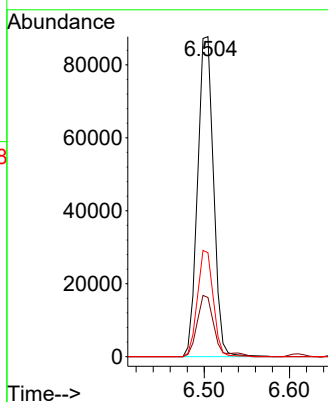
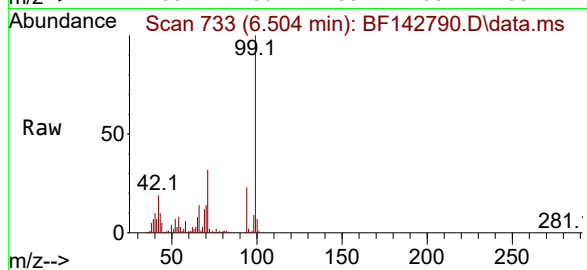
Tgt Ion: 99 Resp: 113910

Ion Ratio Lower Upper

99 100

42 18.5 15.9 23.9

71 32.5 27.8 41.8



#8

2-Chlorophenol

Concen: 10.208 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

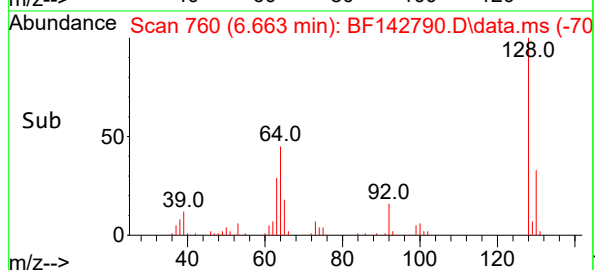
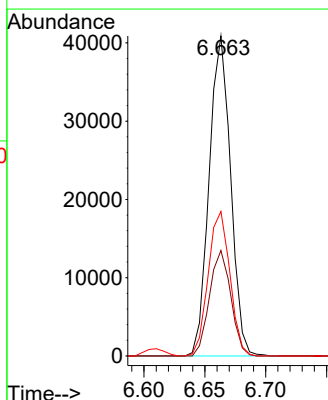
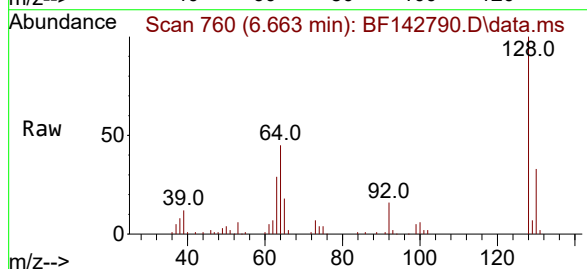
Tgt Ion:128 Resp: 50128

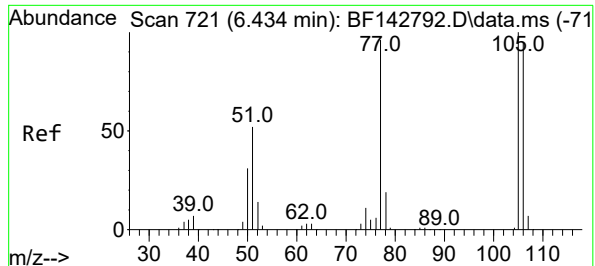
Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 45.2 26.5 66.5

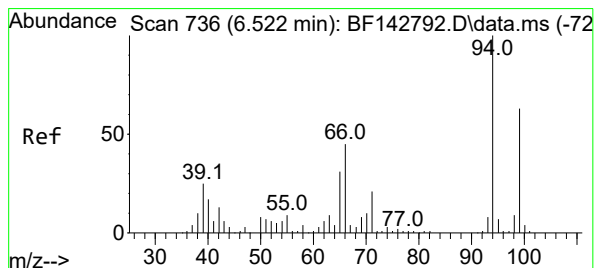
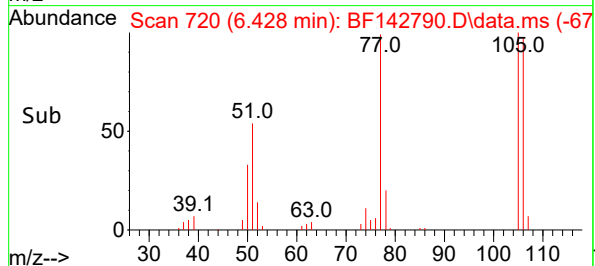
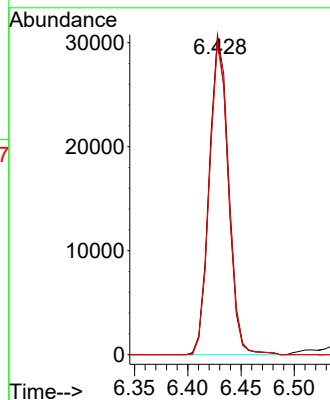
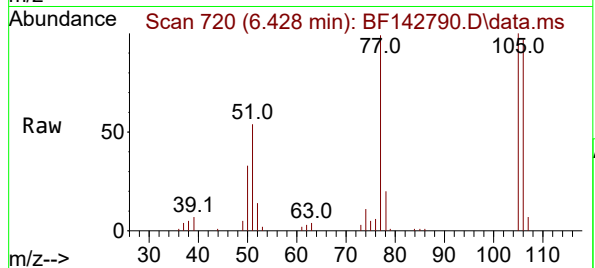




#9
Benzaldehyde
Concen: 11.768 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

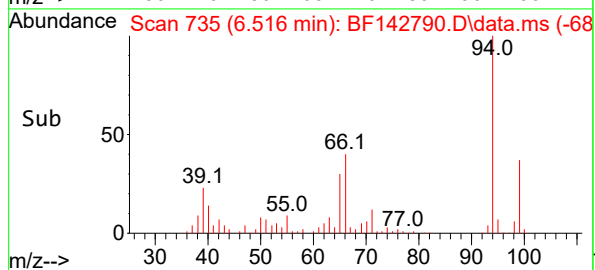
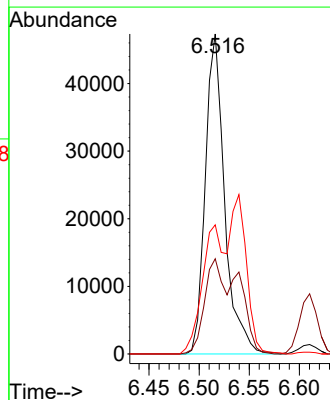
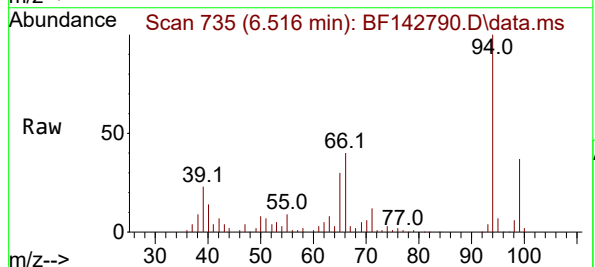
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

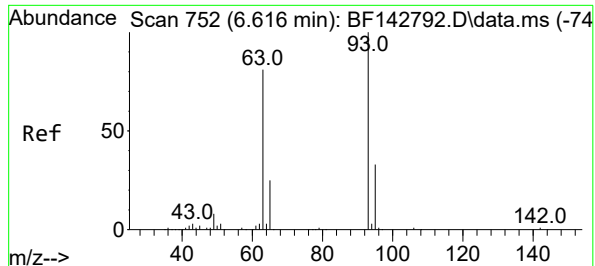
Tgt Ion: 77 Resp: 37993
Ion Ratio Lower Upper
77 100
105 100.8 83.8 123.8
106 98.1 78.7 118.7



#10
Phenol
Concen: 10.769 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion: 94 Resp: 63585
Ion Ratio Lower Upper
94 100
65 29.8 11.3 51.3
66 40.3 24.9 64.9

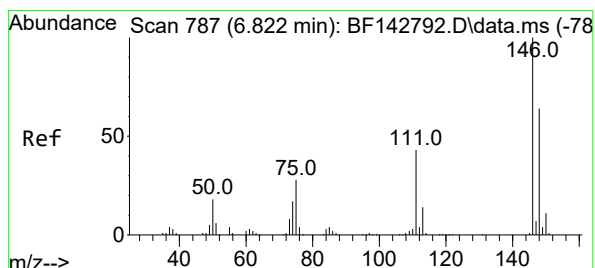
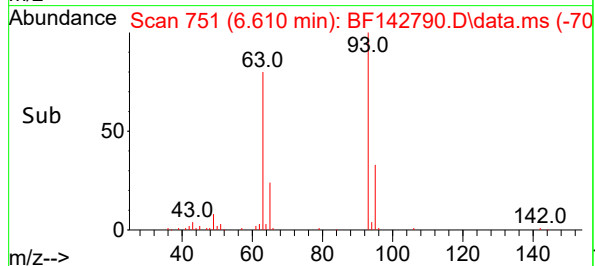
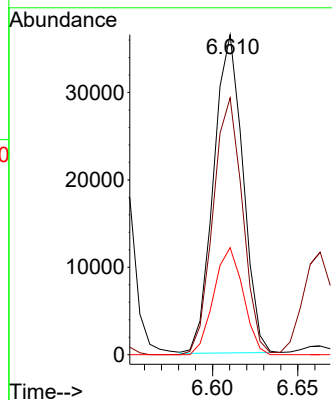
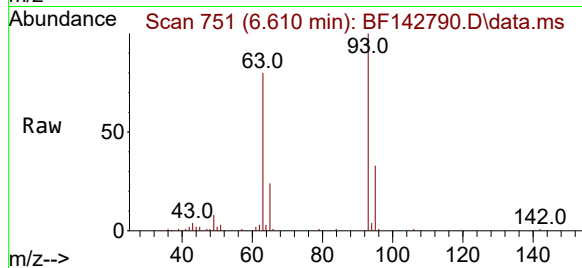




#11
bis(2-Chloroethyl)ether
Concen: 9.950 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

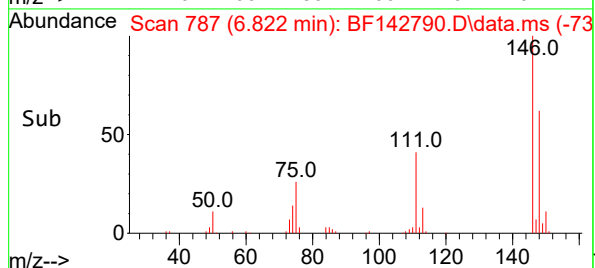
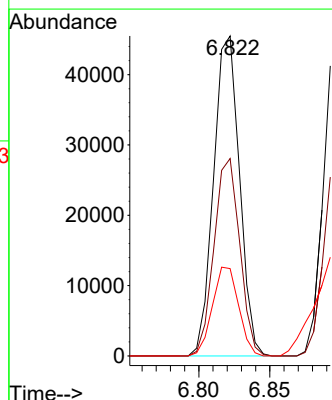
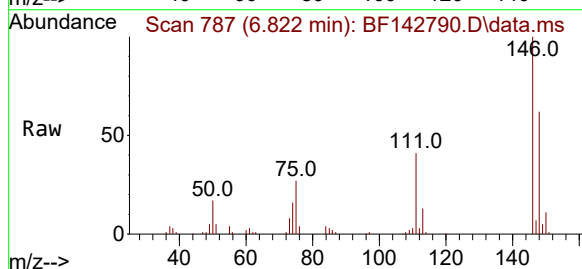
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

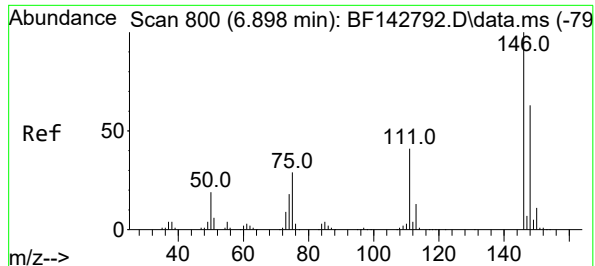
Tgt Ion:	93	Resp:	43585
Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.3	100.3
95	33.5	12.5	52.5



#12
1,3-Dichlorobenzene
Concen: 10.312 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:	146	Resp:	57659
Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.1	76.7
75	27.3	22.7	34.1





#13

1,4-Dichlorobenzene

Concen: 10.149 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

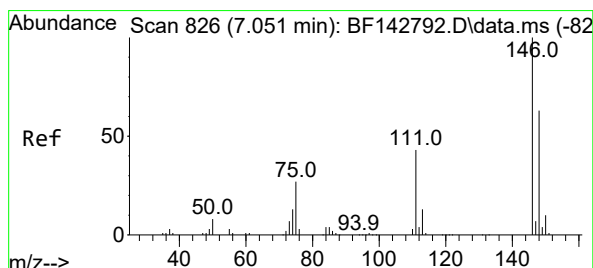
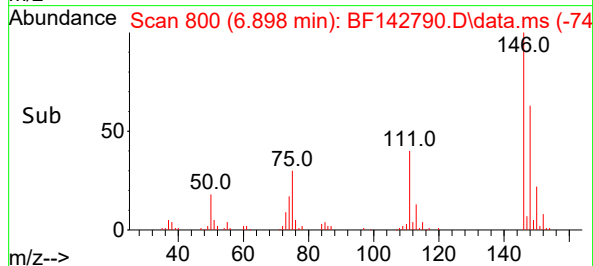
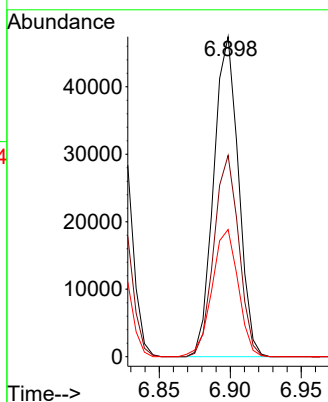
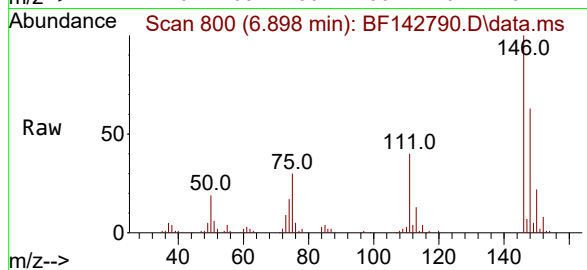
Tgt Ion:146 Resp: 57522

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

111 39.8 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 10.091 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

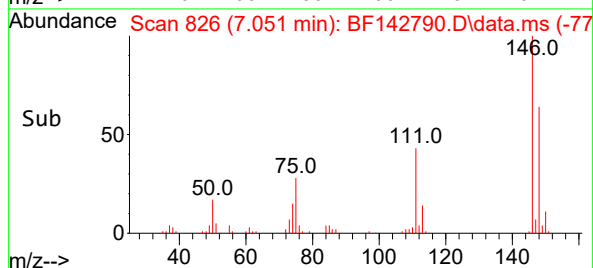
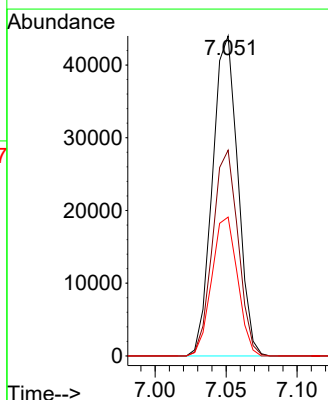
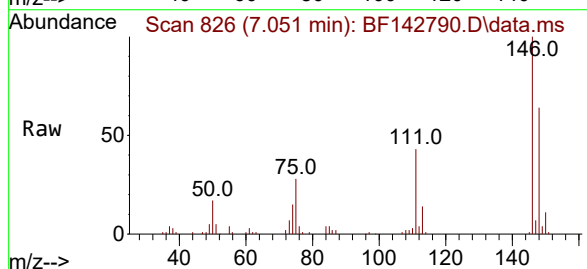
Tgt Ion:146 Resp: 54672

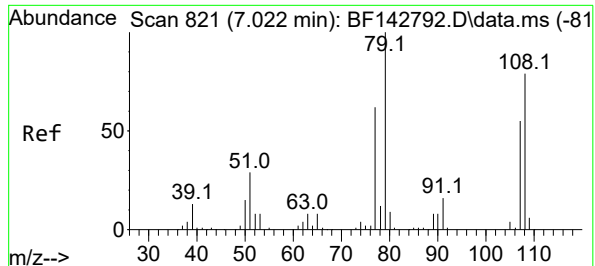
Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

111 43.4 34.1 51.1





#15

Benzyl Alcohol

Concen: 9.927 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

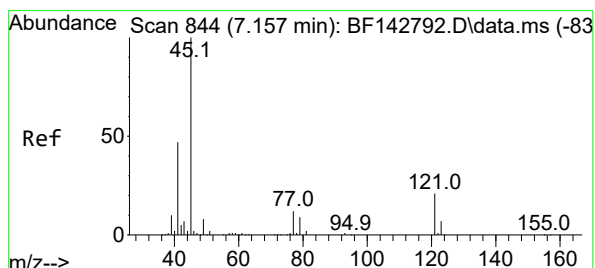
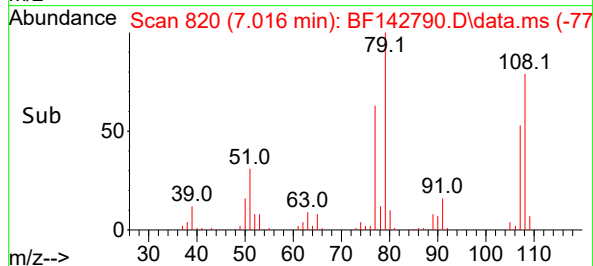
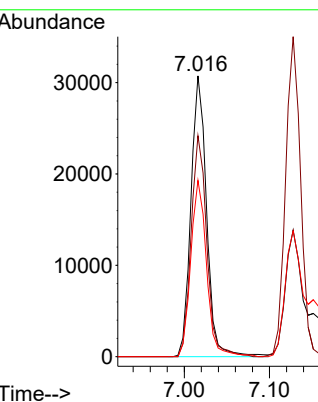
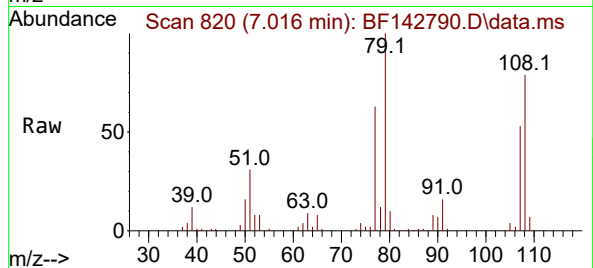
Tgt Ion: 79 Resp: 39348

Ion Ratio Lower Upper

79 100

108 78.7 63.4 95.0

77 62.8 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.417 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

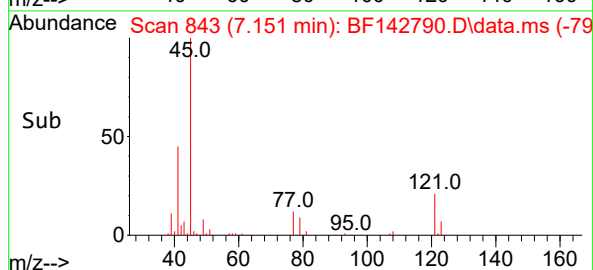
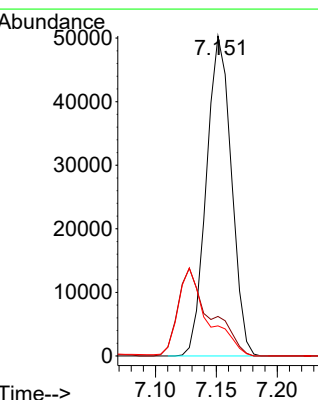
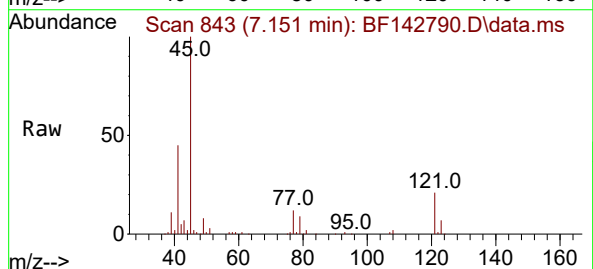
Tgt Ion: 45 Resp: 71897

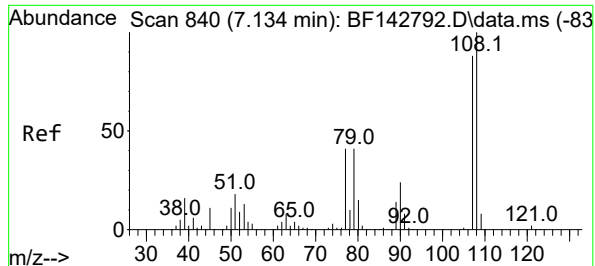
Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.8

79 9.4 0.0 29.8

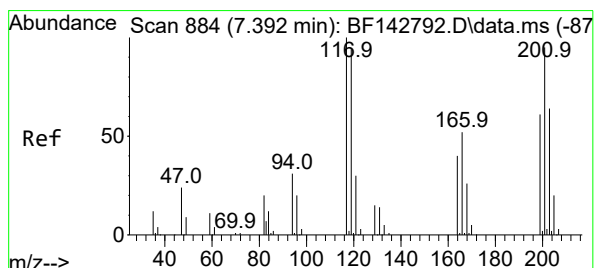
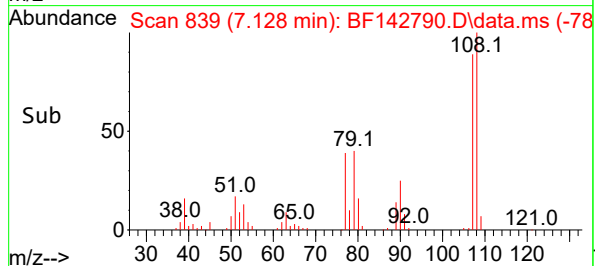
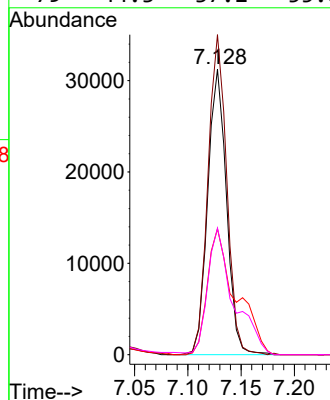
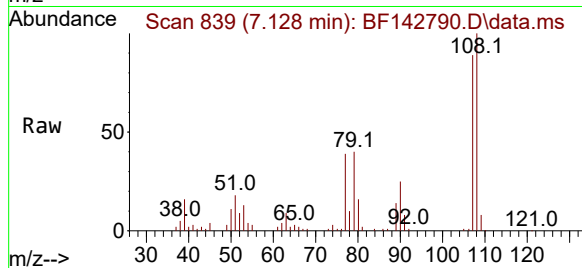




#17
2-Methylphenol
Concen: 10.217 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

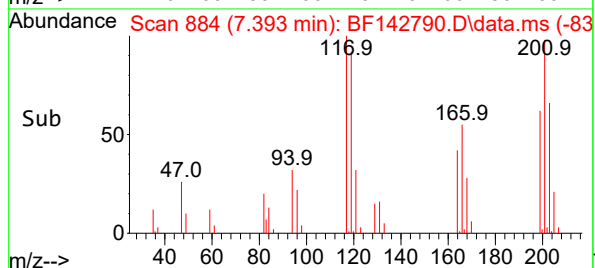
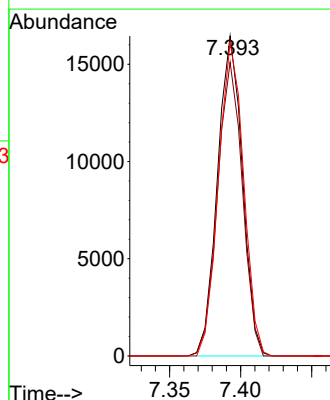
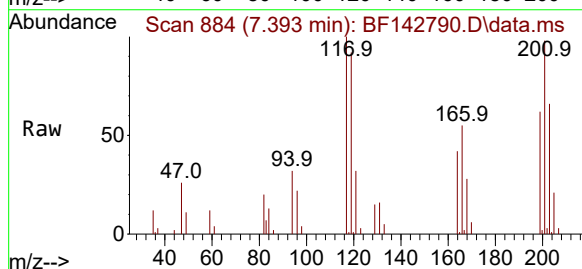
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

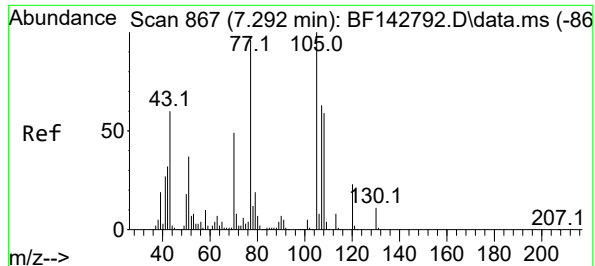
Tgt Ion:107 Resp: 38357
Ion Ratio Lower Upper
107 100
108 112.1 90.9 136.3
77 44.1 37.3 55.9
79 44.3 37.2 55.8



#18
Hexachloroethane
Concen: 9.889 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:117 Resp: 20035
Ion Ratio Lower Upper
117 100
119 91.8 75.4 113.0
201 98.0 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 9.670 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF142790.D

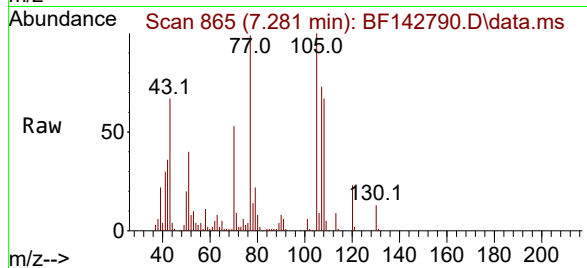
Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

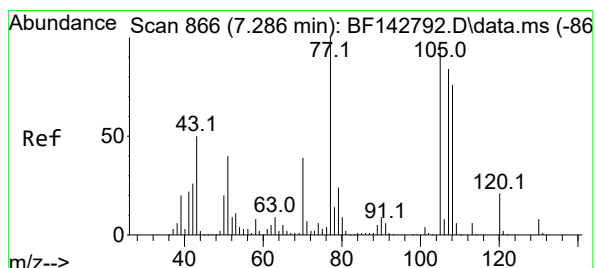
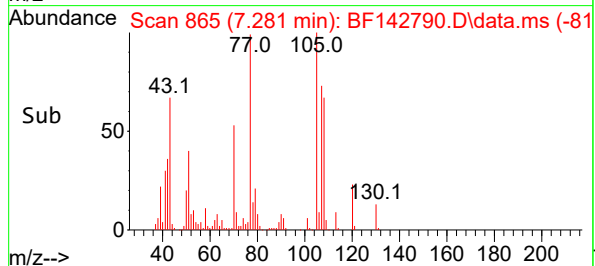
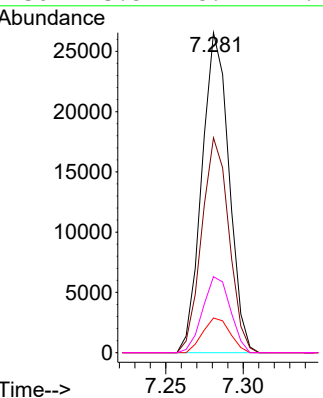
ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 32293

Ion	Ratio	Lower	Upper
70	100		
42	67.1	52.1	78.1
101	10.9	8.2	12.2
130	23.8	18.2	27.2



#20

3+4-Methylphenols

Concen: 10.513 ng

RT: 7.281 min Scan# 865

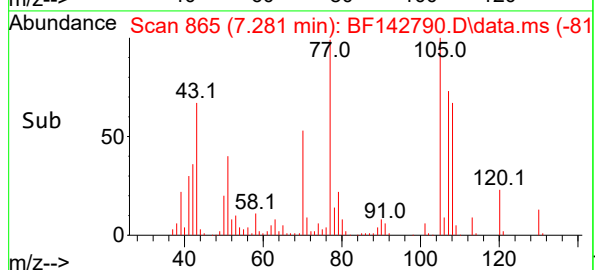
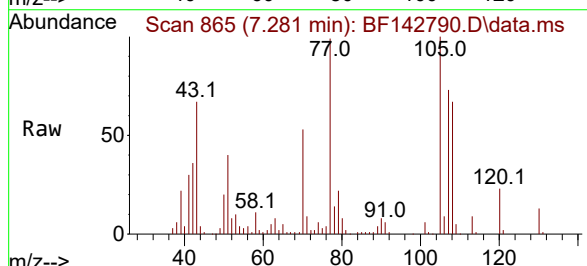
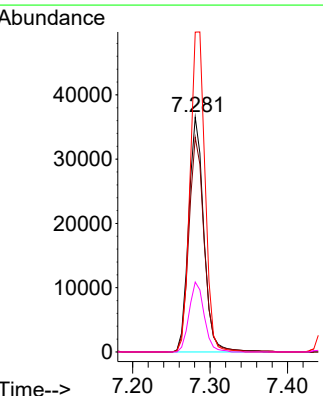
Delta R.T. -0.006 min

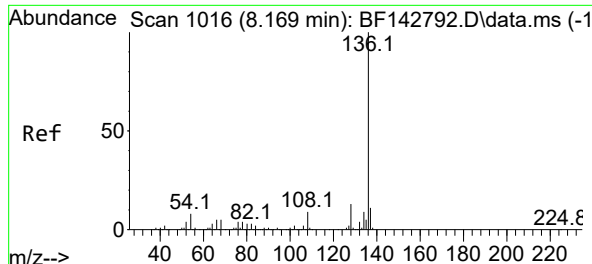
Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Tgt Ion: 107 Resp: 49675

Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.0	110.0
77	136.2	98.5	138.5
79	29.8	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:136 Resp: 299903

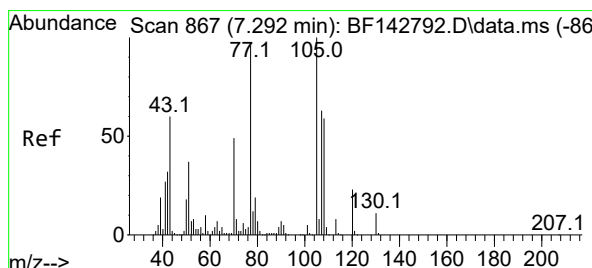
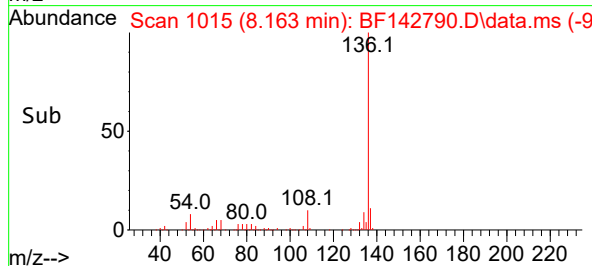
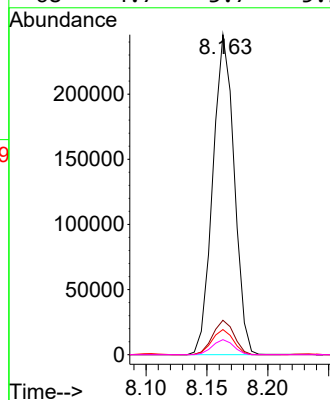
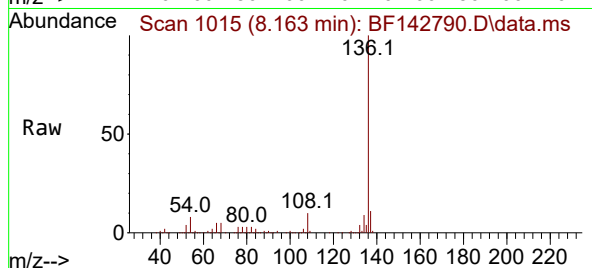
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.9 6.3 9.5

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 10.197 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Tgt Ion:105 Resp: 67666

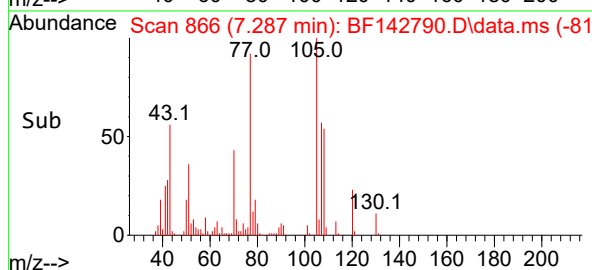
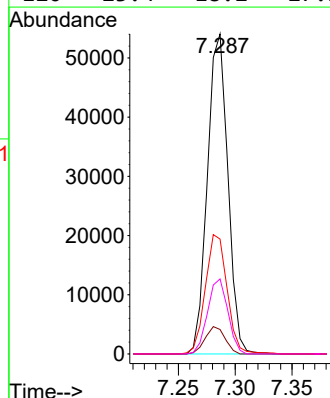
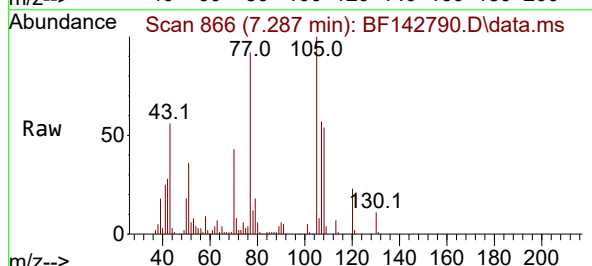
Ion Ratio Lower Upper

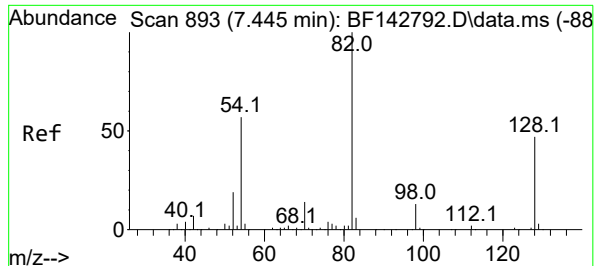
105 100

71 7.7 6.5 9.7

51 35.9 29.8 44.8

120 23.4 18.2 27.2





#23

Nitrobenzene-d5

Concen: 19.832 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

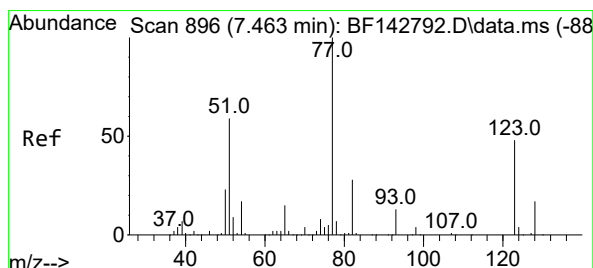
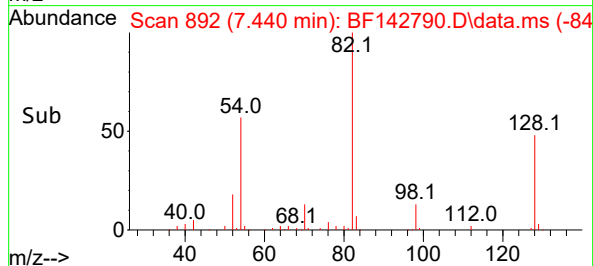
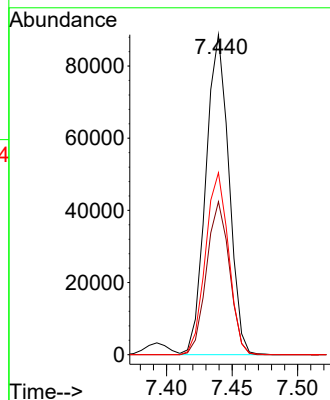
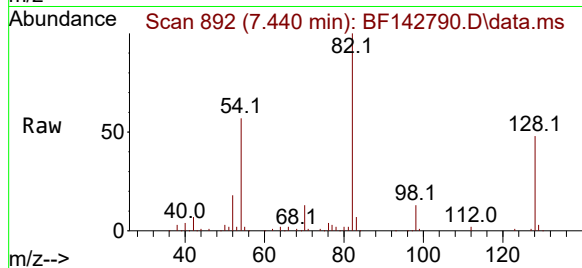
Tgt Ion: 82 Resp: 108508

Ion Ratio Lower Upper

82 100

128 47.8 37.7 56.5

54 56.9 45.7 68.5



#24

Nitrobenzene

Concen: 10.034 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

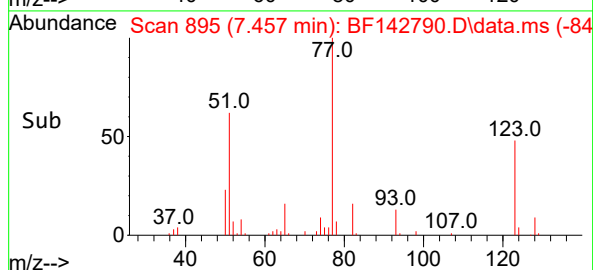
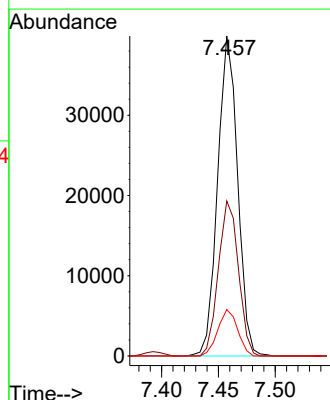
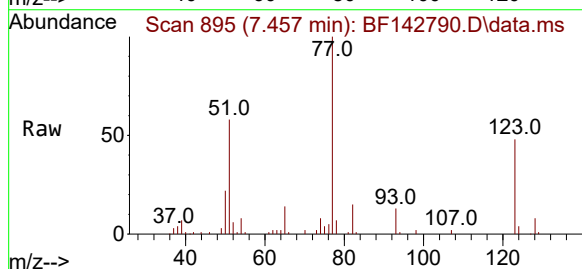
Tgt Ion: 77 Resp: 48789

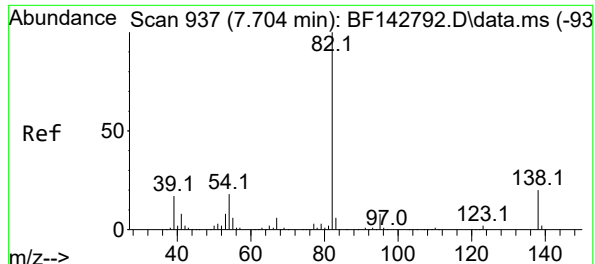
Ion Ratio Lower Upper

77 100

123 48.5 39.2 58.8

65 14.5 11.6 17.4





#25

Isophorone

Concen: 9.504 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

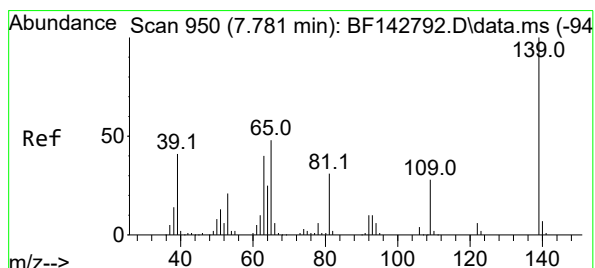
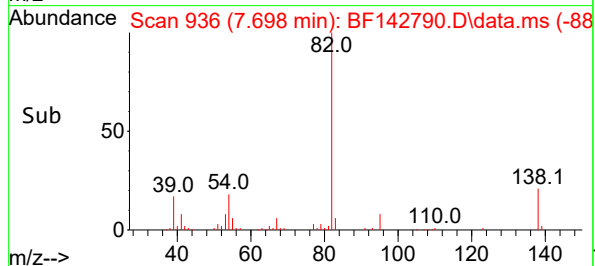
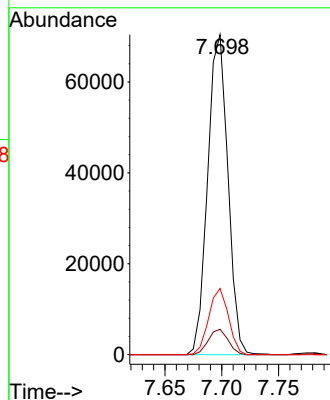
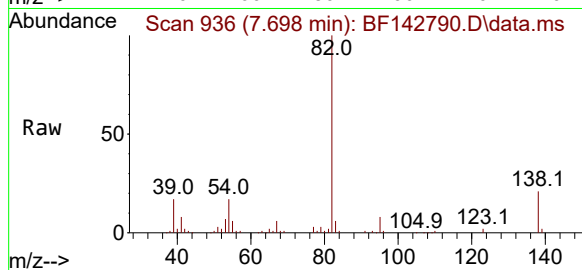
Tgt Ion: 82 Resp: 87205

Ion Ratio Lower Upper

82 100

95 8.0 6.2 9.2

138 20.7 16.2 24.4



#26

2-Nitrophenol

Concen: 9.498 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

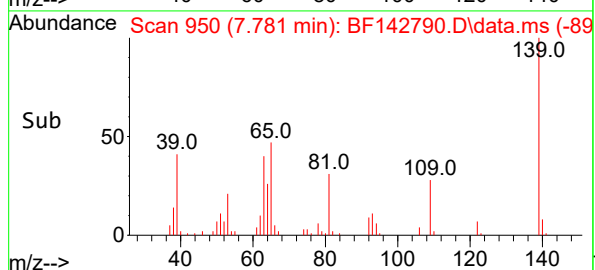
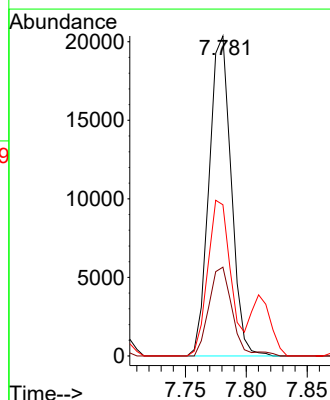
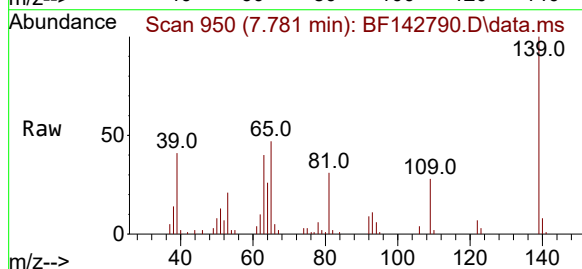
Tgt Ion:139 Resp: 25734

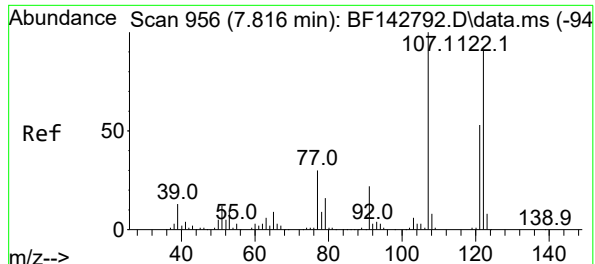
Ion Ratio Lower Upper

139 100

109 27.7 22.7 34.1

65 47.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 10.071 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

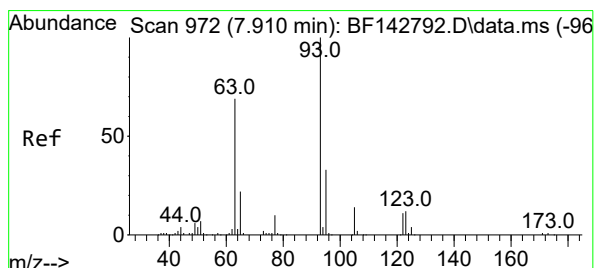
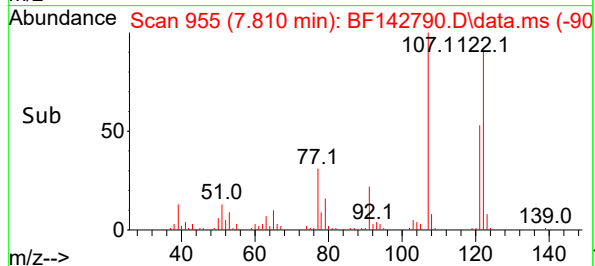
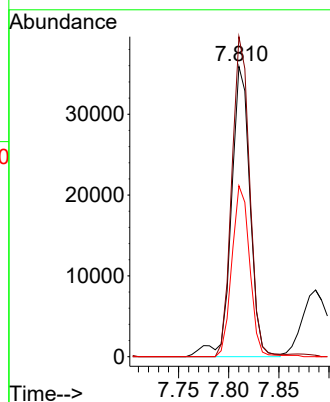
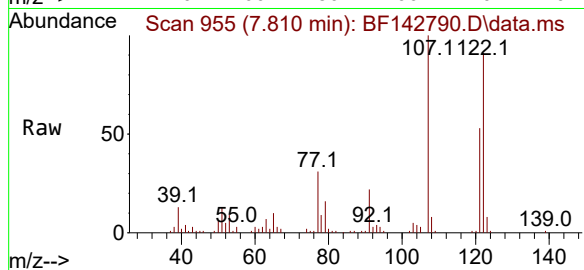
Tgt Ion:122 Resp: 46454

Ion Ratio Lower Upper

122 100

107 110.2 88.0 132.0

121 58.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 9.788 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

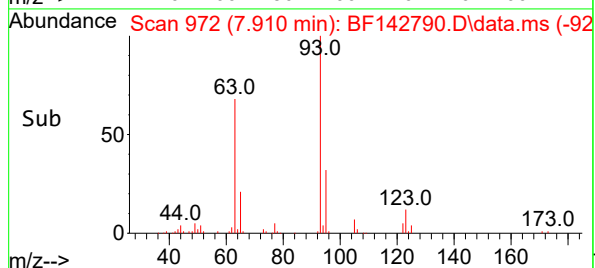
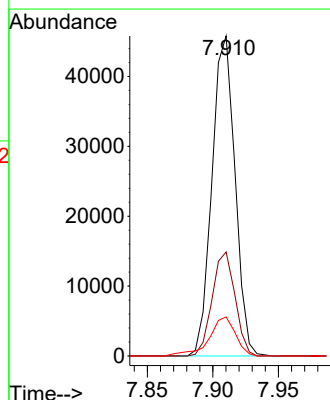
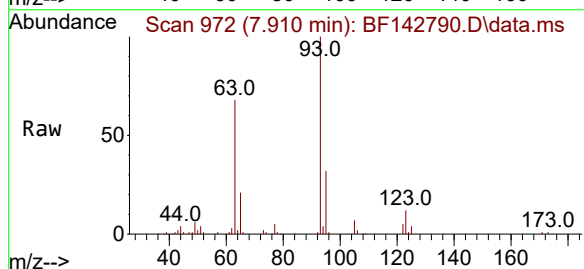
Tgt Ion: 93 Resp: 55907

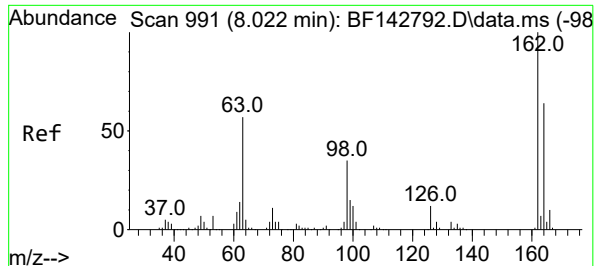
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 9.861 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

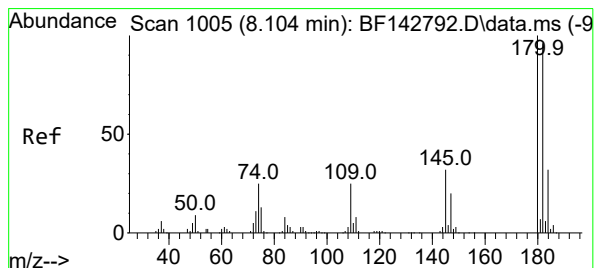
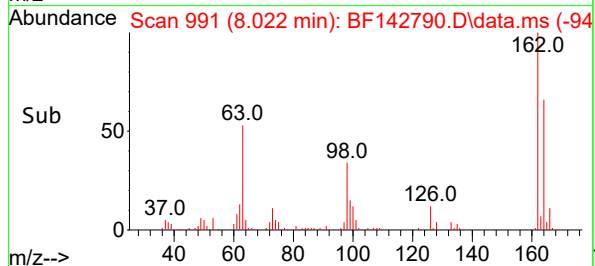
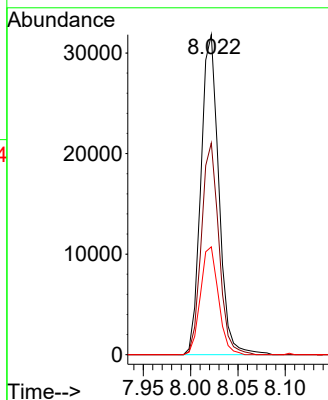
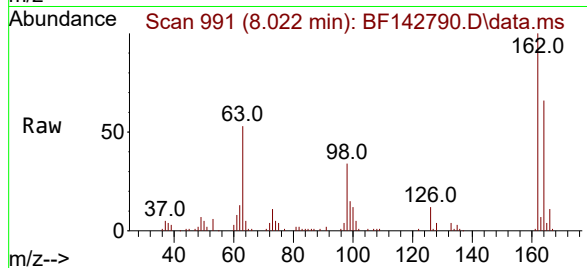
Tgt Ion:162 Resp: 41925

Ion Ratio Lower Upper

162 100

164 66.2 44.0 84.0

98 33.7 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 10.097 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

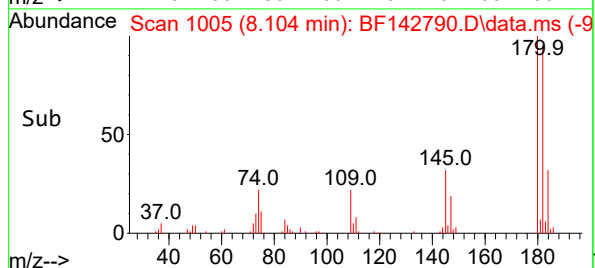
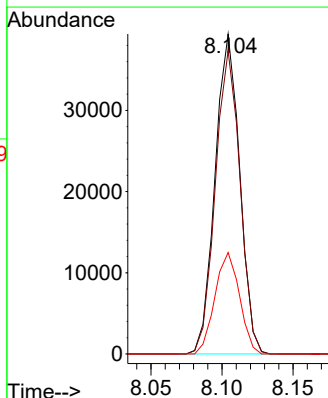
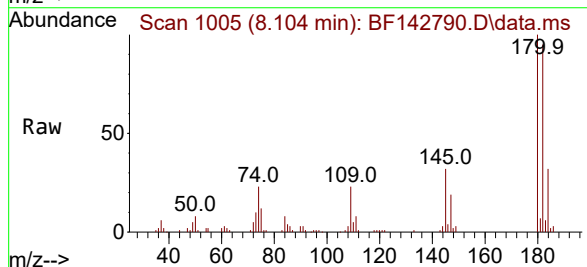
Tgt Ion:180 Resp: 47419

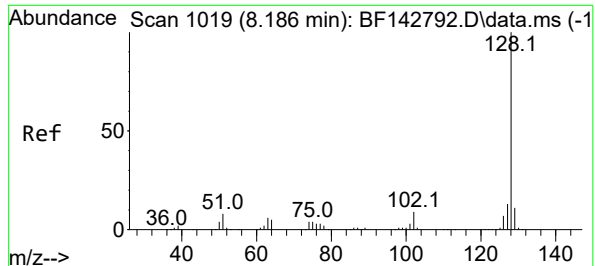
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 31.7 25.8 38.8





#31

Naphthalene

Concen: 10.188 ng

RT: 8.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

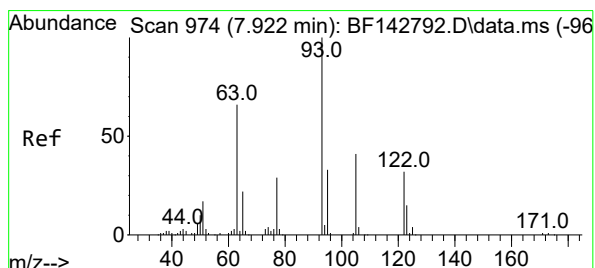
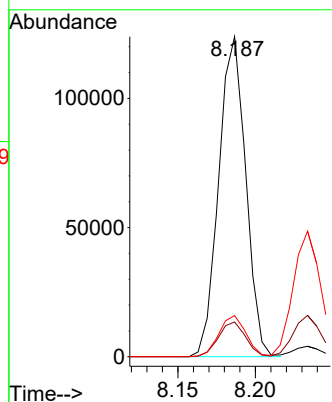
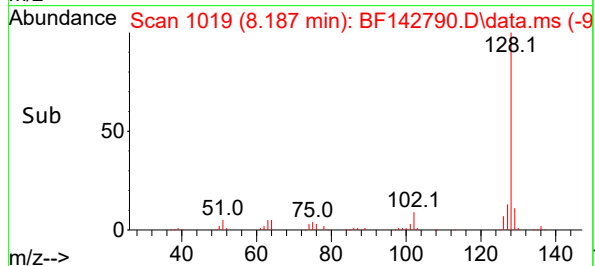
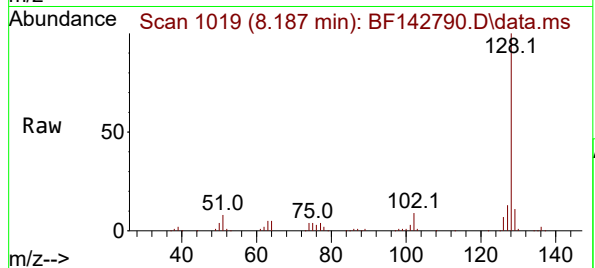
Tgt Ion:128 Resp: 150265

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 12.9 10.4 15.6



#32

Benzoic acid

Concen: 6.919 ng

RT: 7.887 min Scan# 968

Delta R.T. -0.035 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

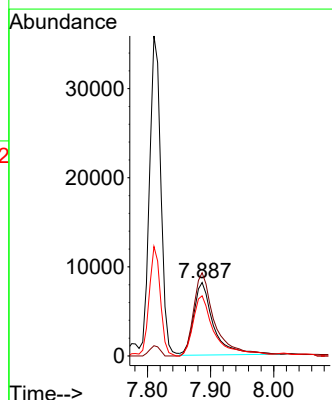
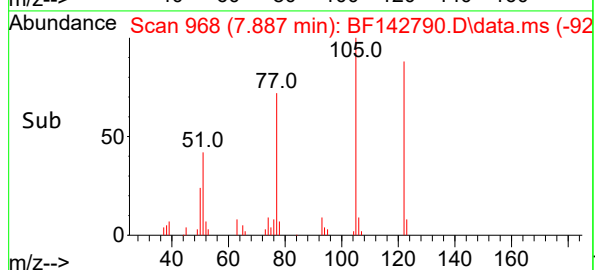
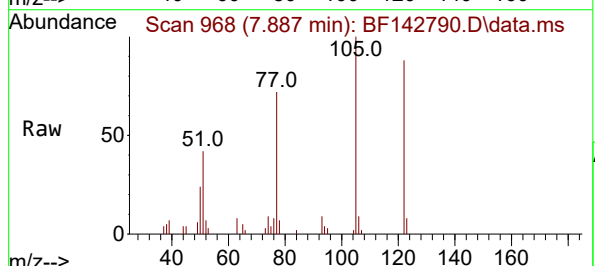
Tgt Ion:122 Resp: 17708

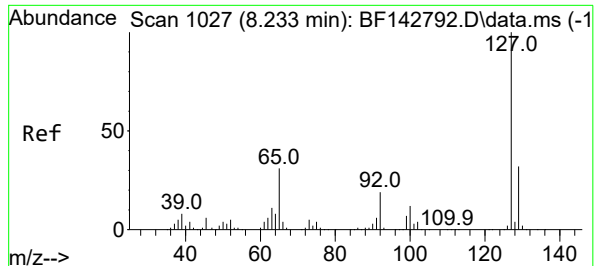
Ion Ratio Lower Upper

122 100

105 113.1 104.7 144.7

77 81.9 70.2 110.2





#33

4-Chloroaniline

Concen: 10.352 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 61190

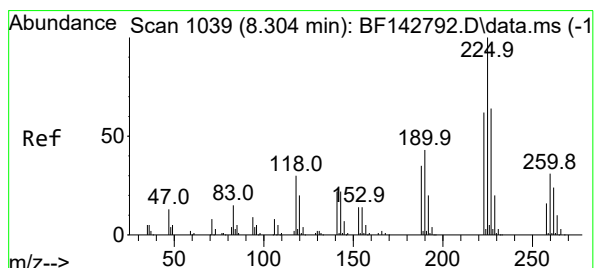
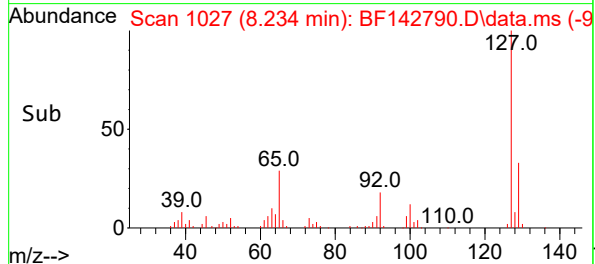
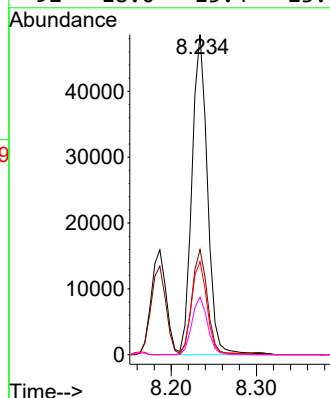
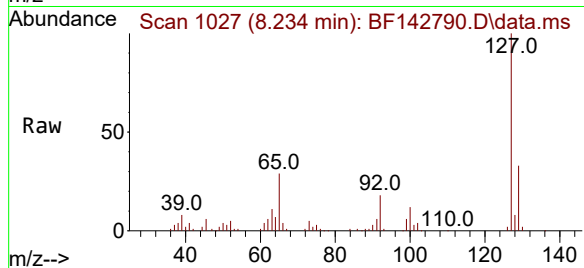
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 29.1 24.6 36.8

92 18.0 15.4 23.0



#34

Hexachlorobutadiene

Concen: 9.473 ng

RT: 8.304 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

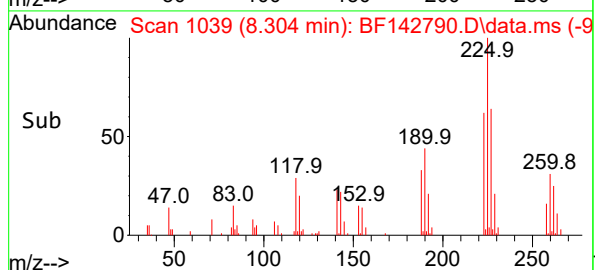
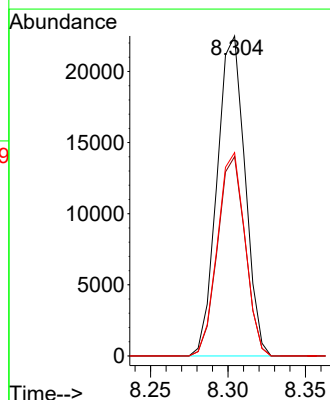
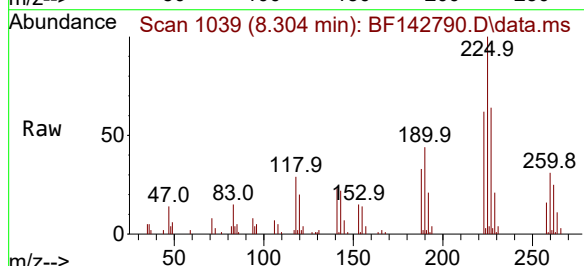
Tgt Ion:225 Resp: 28192

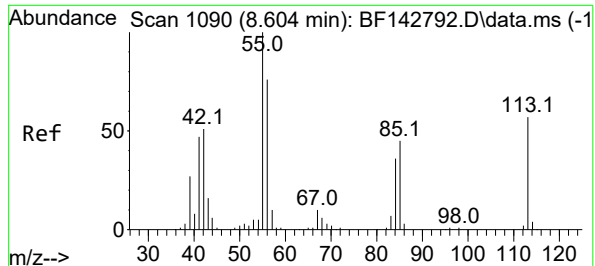
Ion Ratio Lower Upper

225 100

223 62.3 49.9 74.9

227 63.5 51.4 77.0





#35

Caprolactam

Concen: 9.557 ng

RT: 8.569 min Scan# 1108

Delta R.T. -0.035 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

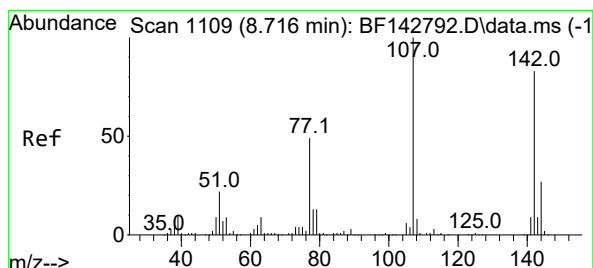
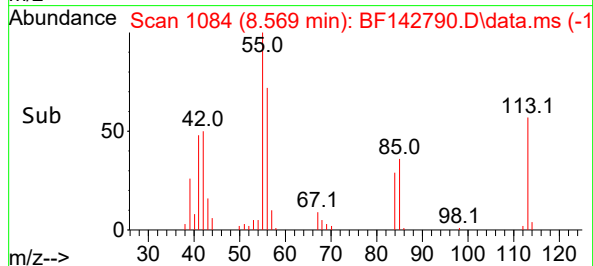
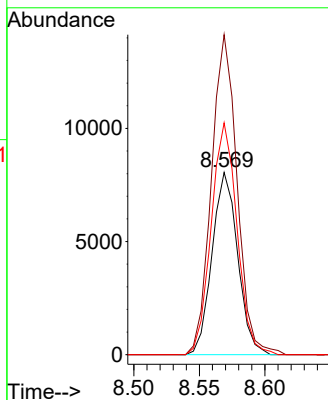
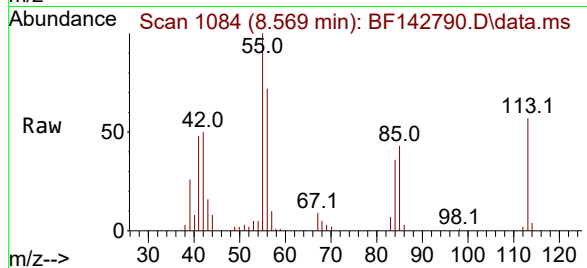
Tgt Ion:113 Resp: 10933

Ion Ratio Lower Upper

113 100

55 175.6 154.4 194.4

56 127.2 112.1 152.1



#36

4-Chloro-3-methylphenol

Concen: 9.382 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

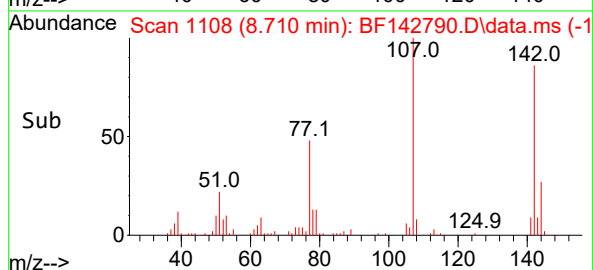
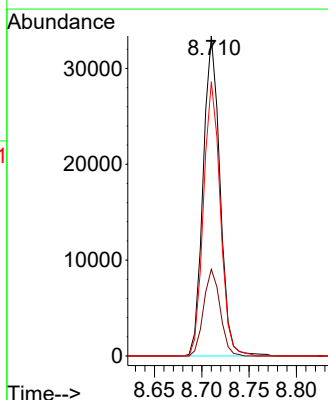
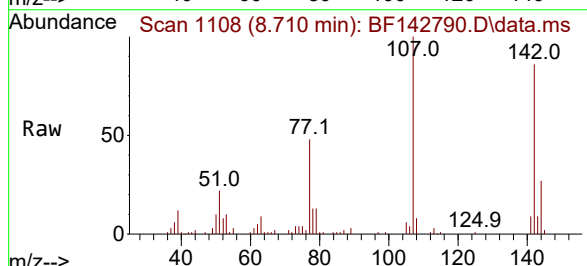
Tgt Ion:107 Resp: 41204

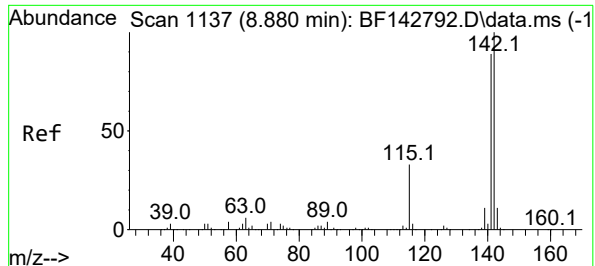
Ion Ratio Lower Upper

107 100

144 27.1 21.3 31.9

142 85.7 66.6 100.0

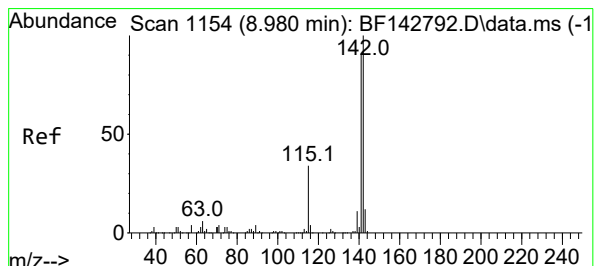
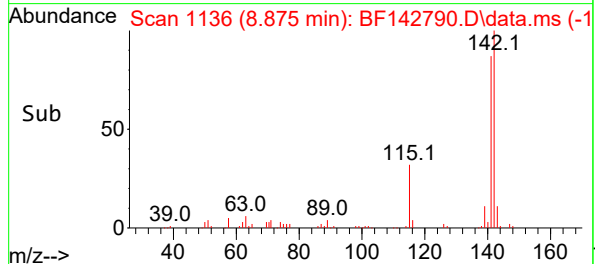
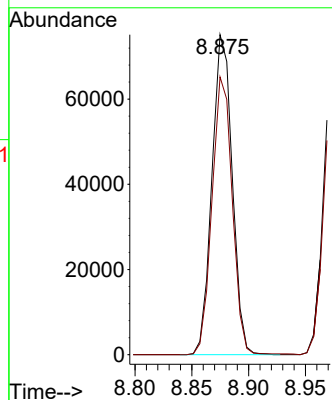
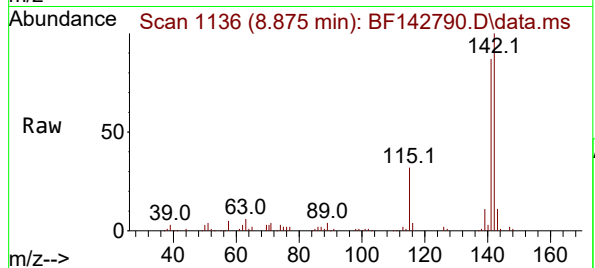




#37
2-Methylnaphthalene
Concen: 10.003 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

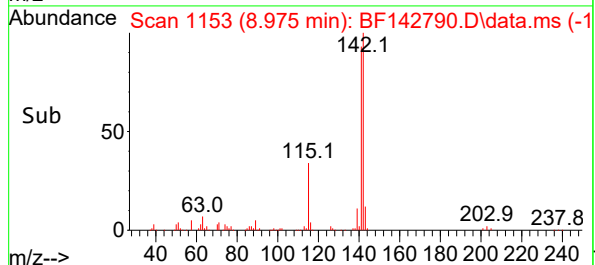
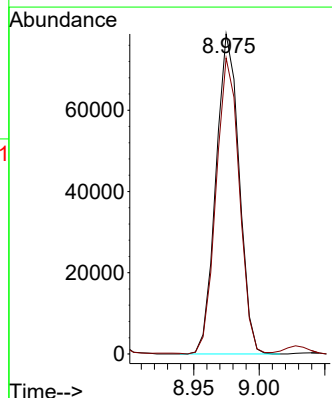
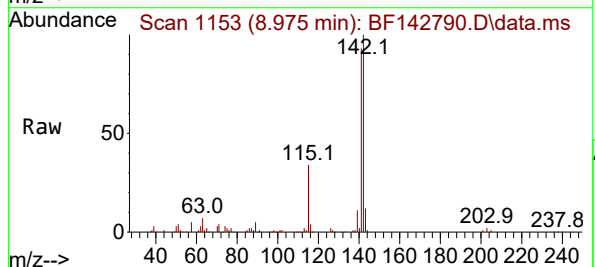
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

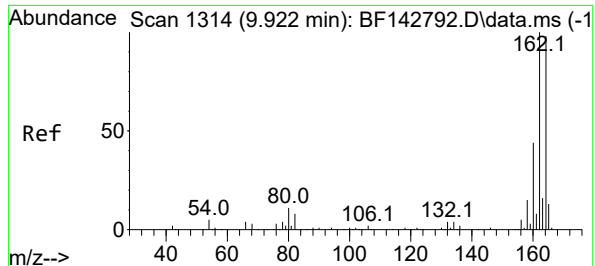
Tgt Ion:142 Resp: 93078
Ion Ratio Lower Upper
142 100
141 86.8 70.9 106.3



#38
1-Methylnaphthalene
Concen: 10.007 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:142 Resp: 96673
Ion Ratio Lower Upper
142 100
141 92.5 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

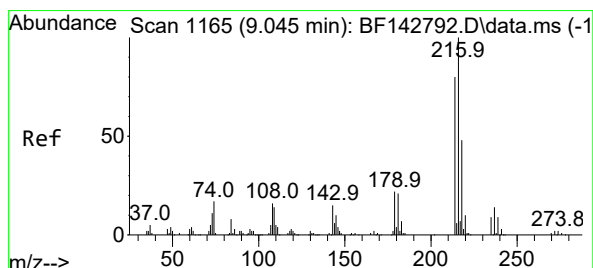
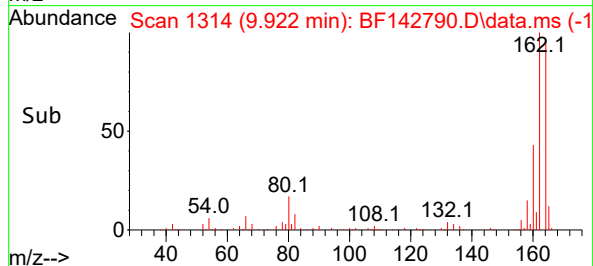
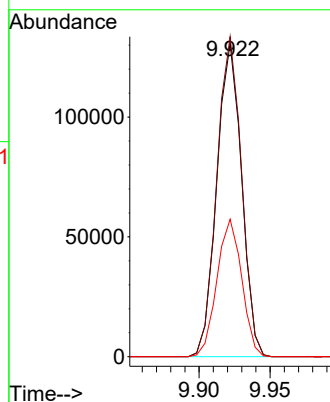
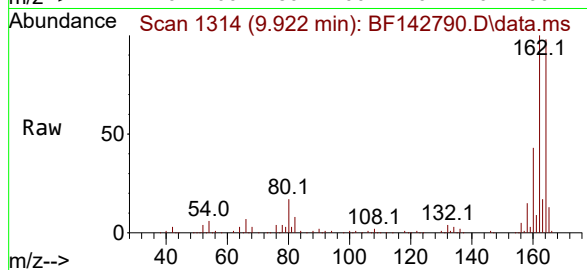
Tgt Ion:164 Resp: 158336

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.8

160 43.9 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.540 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Tgt Ion:216 Resp: 48175

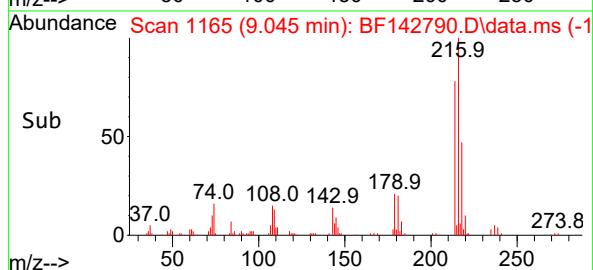
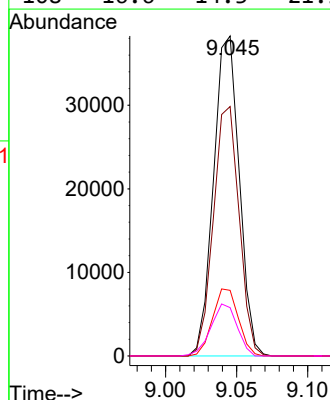
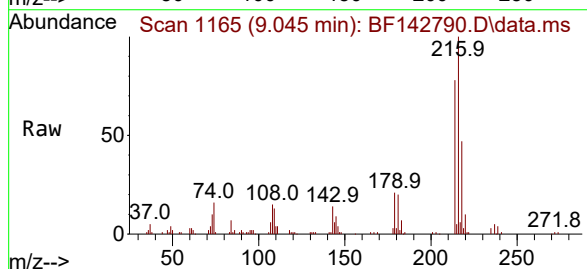
Ion Ratio Lower Upper

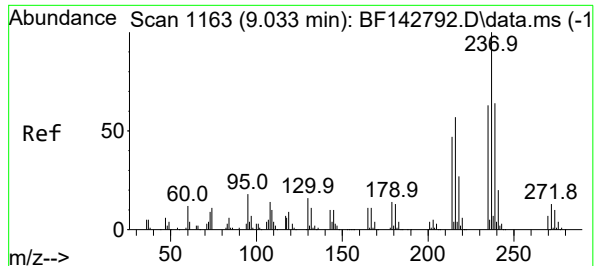
216 100

214 77.9 63.7 95.5

179 21.0 17.6 26.4

108 16.6 14.3 21.5

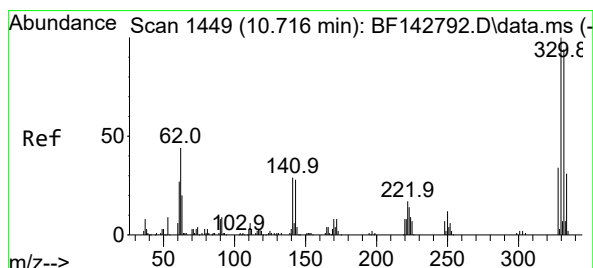
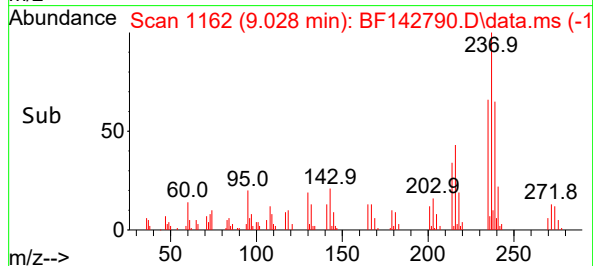
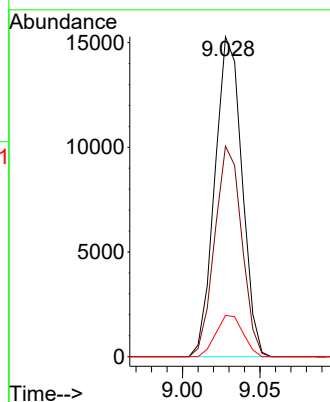
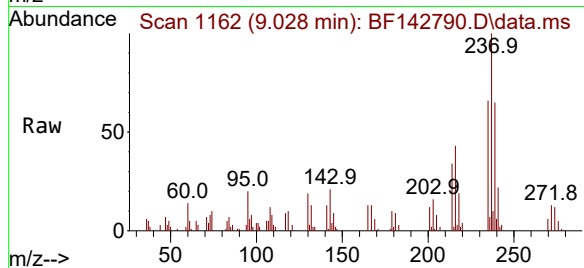




#41
Hexachlorocyclopentadiene
Concen: 6.436 ng
RT: 9.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

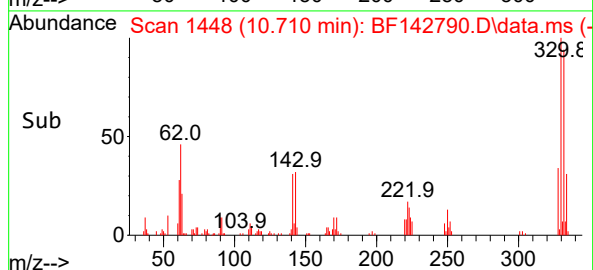
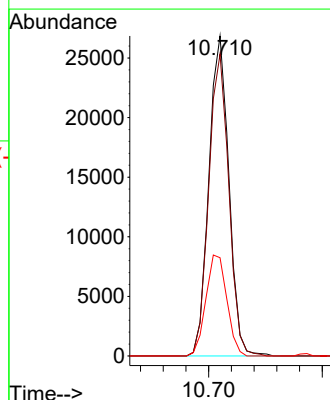
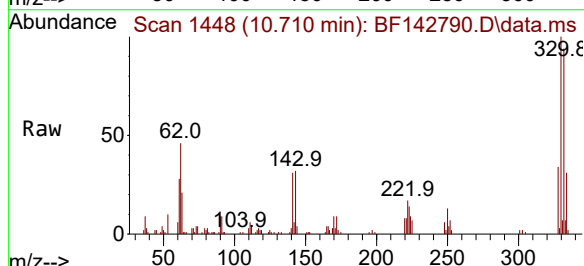
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

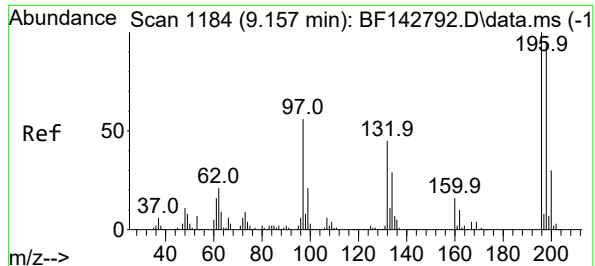
Tgt Ion:237 Resp: 18602
Ion Ratio Lower Upper
237 100
235 65.8 43.4 83.4
272 12.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 19.042 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:330 Resp: 32767
Ion Ratio Lower Upper
330 100
332 94.6 75.0 112.6
141 33.1 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 10.182 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

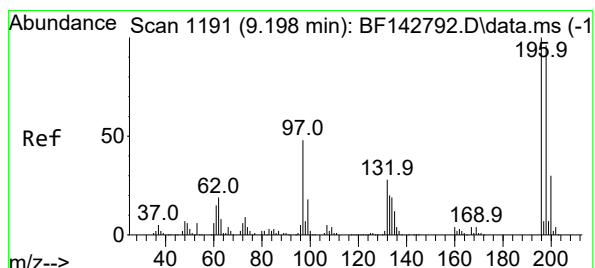
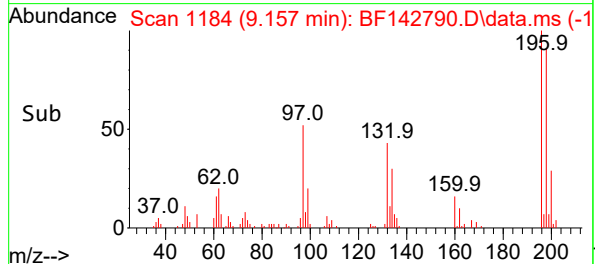
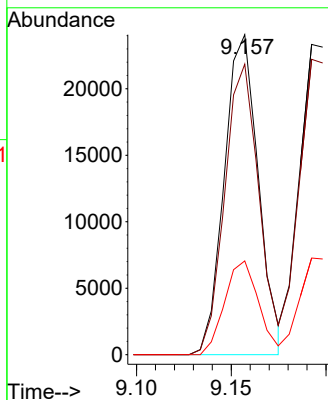
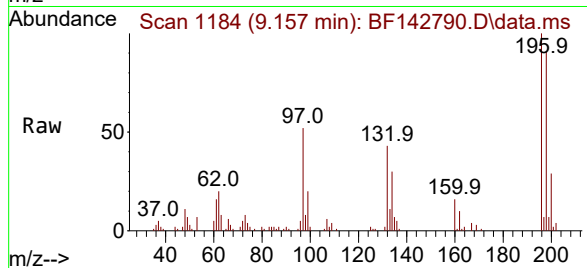
Tgt Ion:196 Resp: 30118

Ion Ratio Lower Upper

196 100

198 90.8 76.2 114.2

200 29.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 9.987 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Tgt Ion:196 Resp: 31900

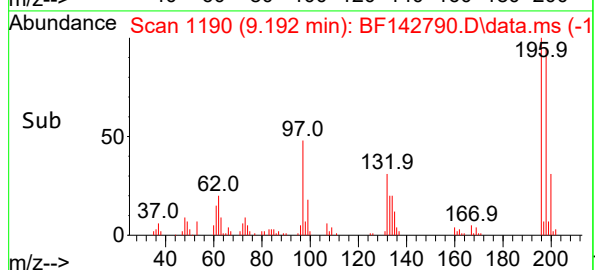
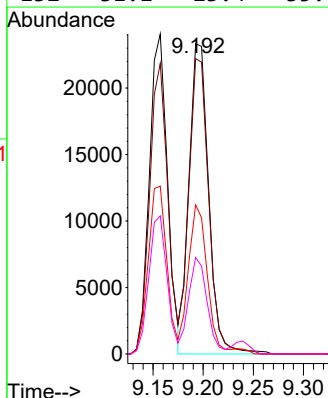
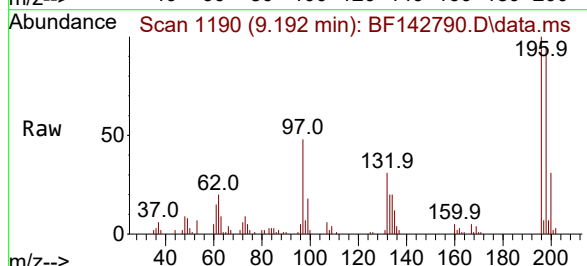
Ion Ratio Lower Upper

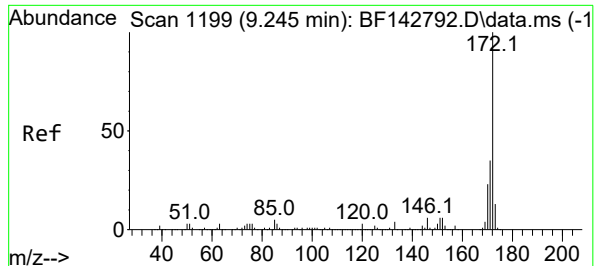
196 100

198 95.2 76.6 115.0

97 48.1 38.2 57.2

132 31.1 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 21.765 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

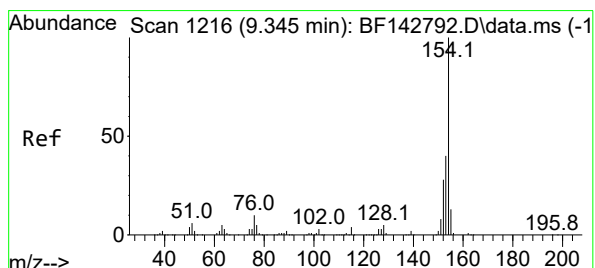
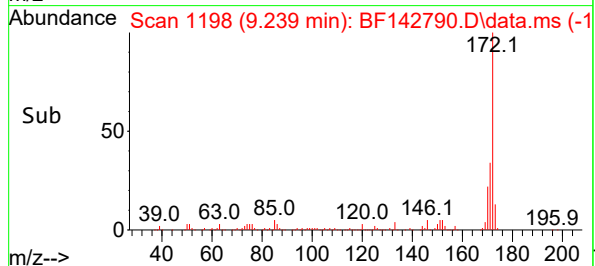
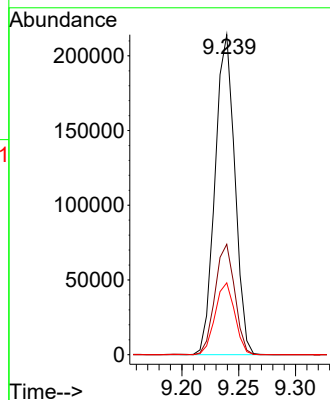
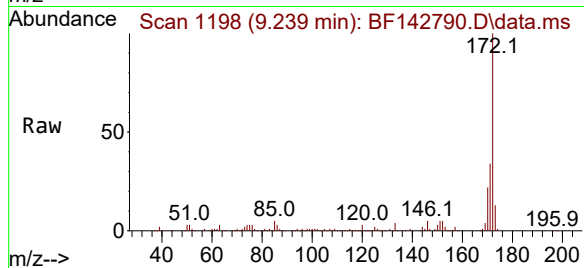
Tgt Ion:172 Resp: 259052

Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 22.5 18.5 27.7



#46

1,1'-Biphenyl

Concen: 10.404 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

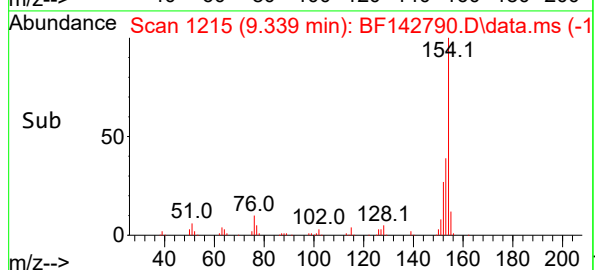
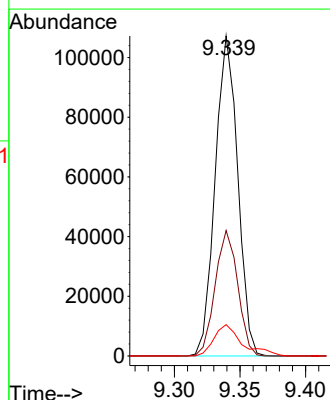
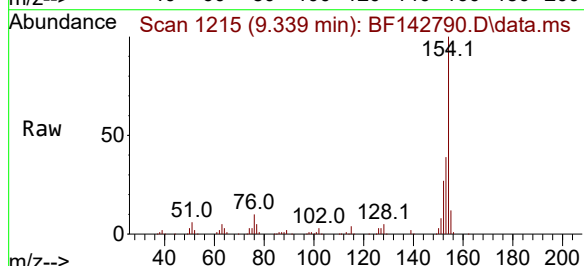
Tgt Ion:154 Resp: 127911

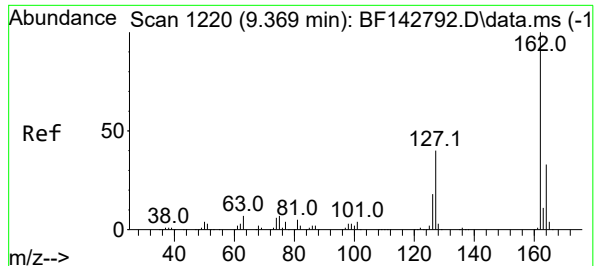
Ion Ratio Lower Upper

154 100

153 39.2 20.3 60.3

76 9.8 0.0 30.3





#47

2-Chloronaphthalene

Concen: 10.493 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

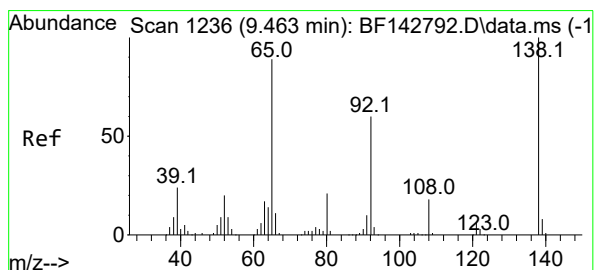
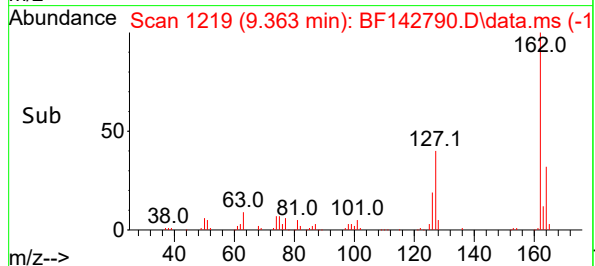
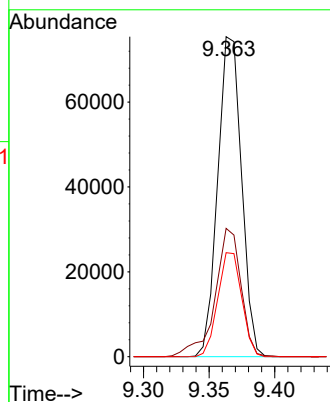
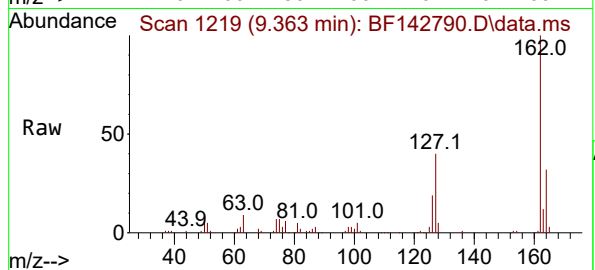
Tgt Ion:162 Resp: 95194

Ion Ratio Lower Upper

162 100

127 40.1 32.2 48.2

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 10.117 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

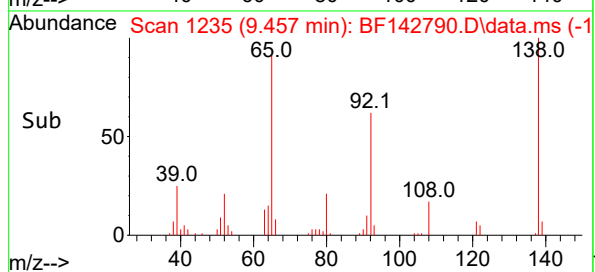
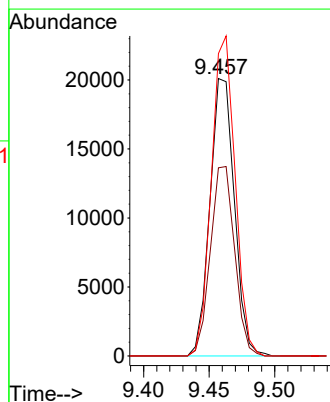
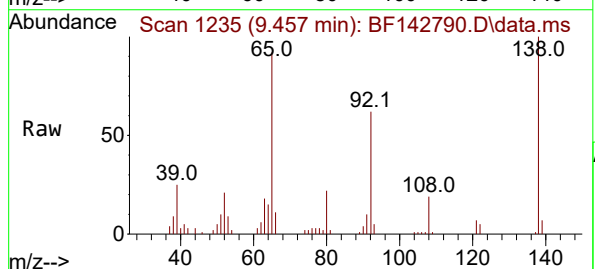
Tgt Ion: 65 Resp: 26075

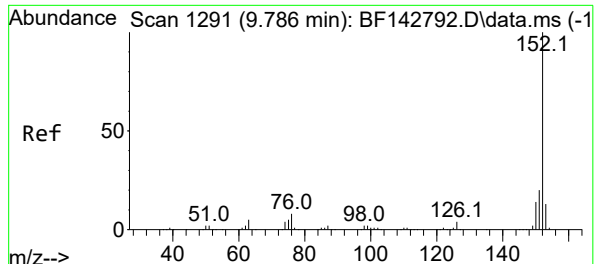
Ion Ratio Lower Upper

65 100

92 67.8 53.8 80.6

138 109.0 89.6 134.4





#49

Acenaphthylene

Concen: 10.415 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

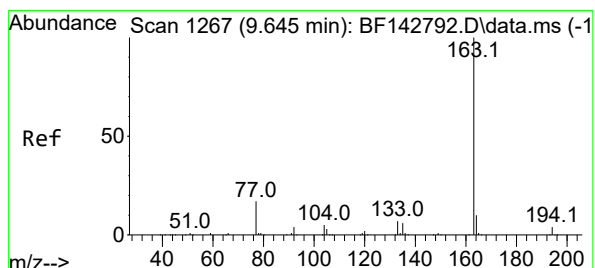
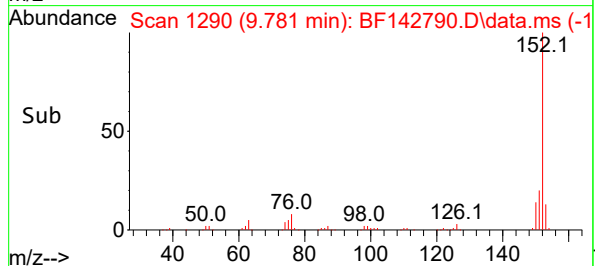
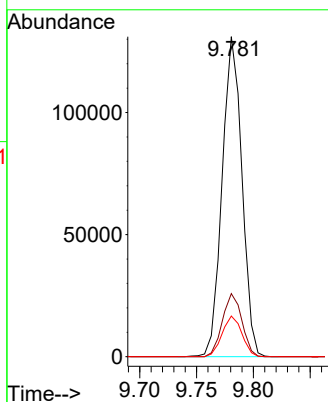
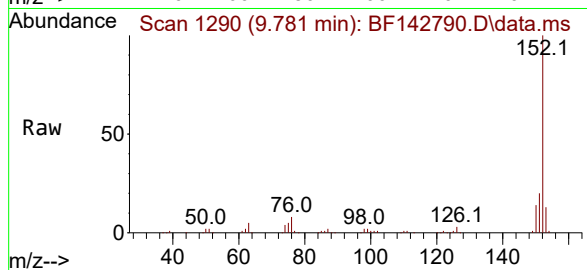
Tgt Ion:152 Resp: 158842

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 12.7 10.4 15.6



#50

Dimethylphthalate

Concen: 10.058 ng

RT: 9.634 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

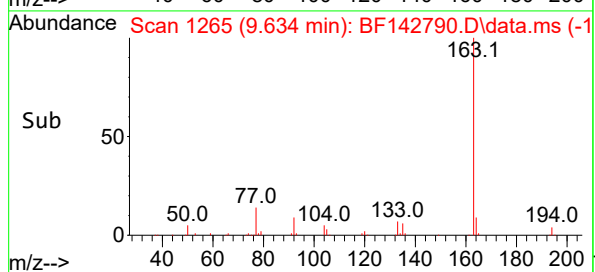
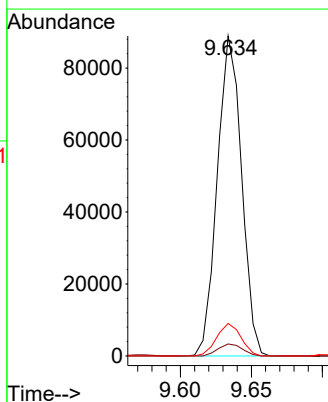
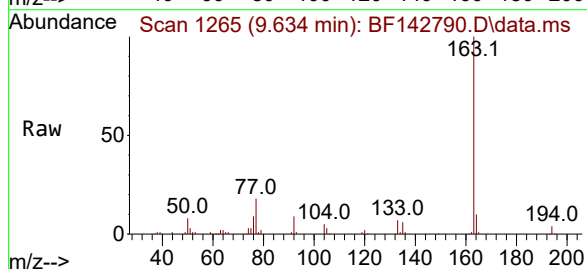
Tgt Ion:163 Resp: 105636

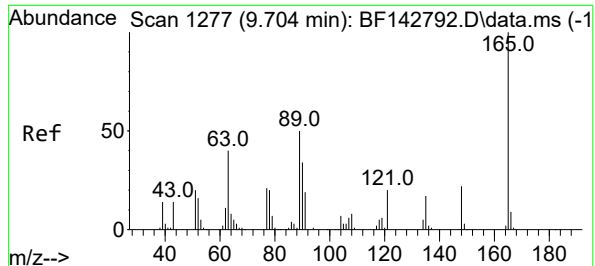
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.1 8.0 12.0

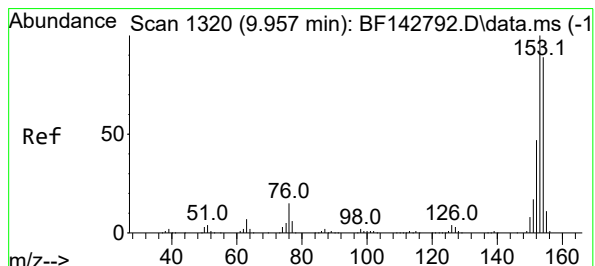
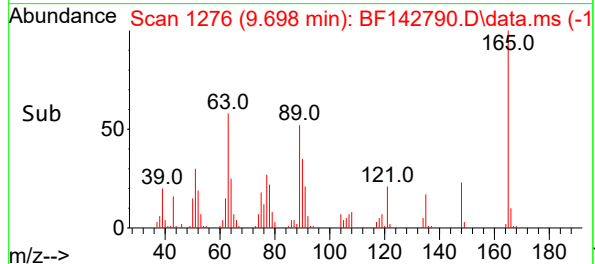
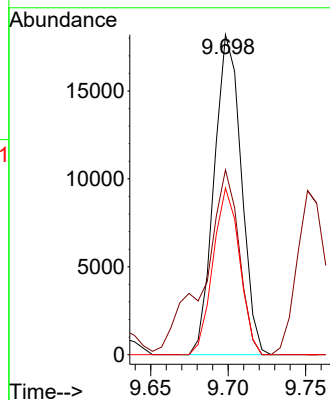
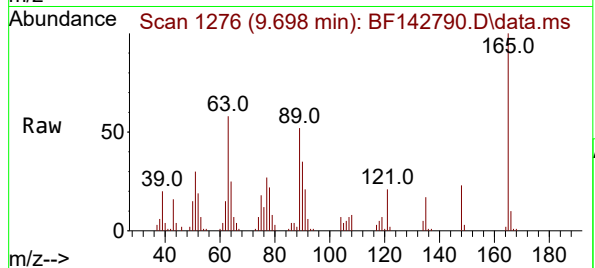




#51
2,6-Dinitrotoluene
Concen: 9.714 ng
RT: 9.698 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

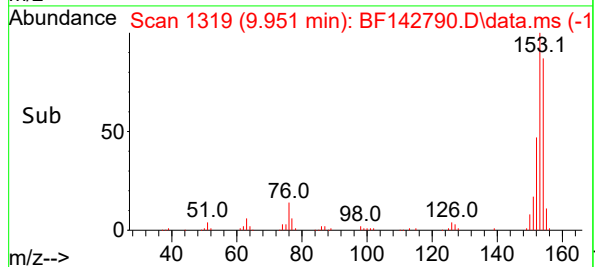
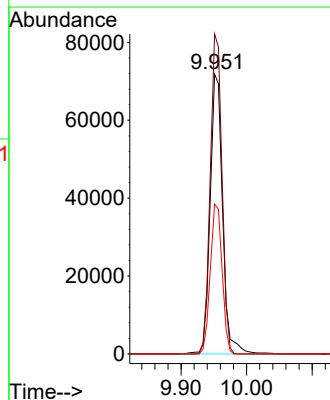
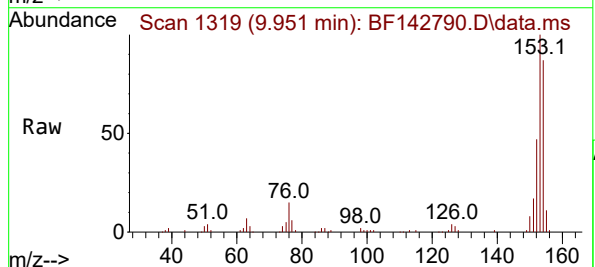
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

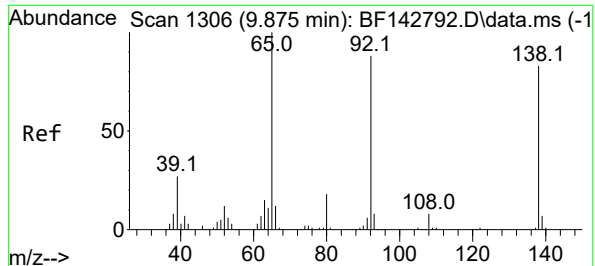
Tgt Ion:165 Resp: 22116
Ion Ratio Lower Upper
165 100
63 57.7 44.2 66.4
89 52.1 39.8 59.8



#52
Acenaphthene
Concen: 10.062 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:154 Resp: 94961
Ion Ratio Lower Upper
154 100
153 114.4 90.0 135.0
152 53.5 41.9 62.9

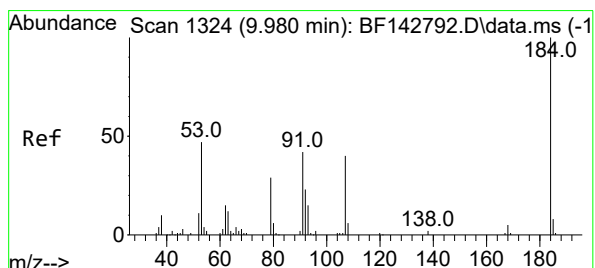
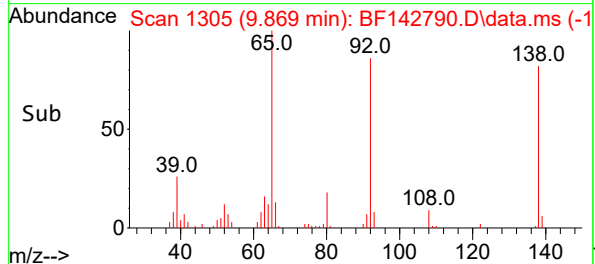
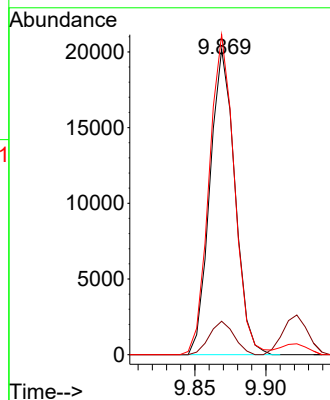
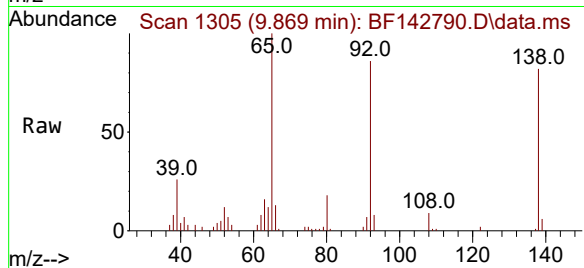




#53
3-Nitroaniline
Concen: 9.968 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

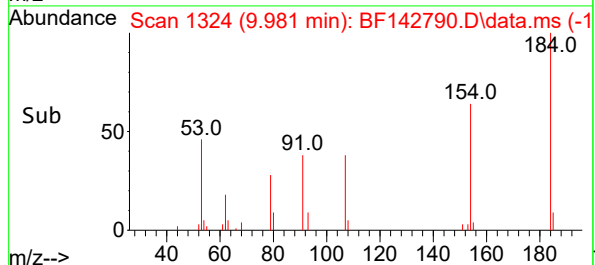
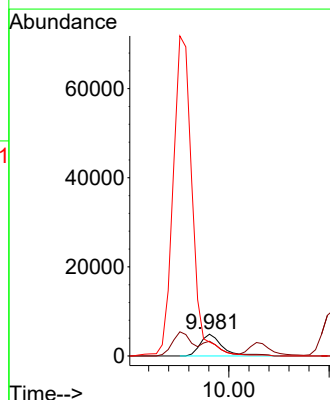
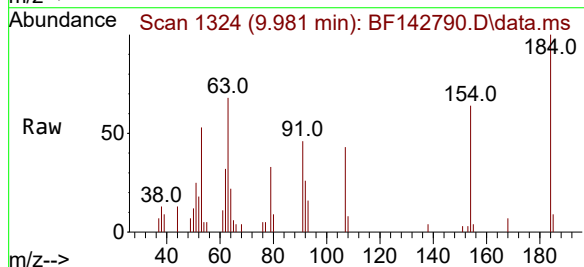
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

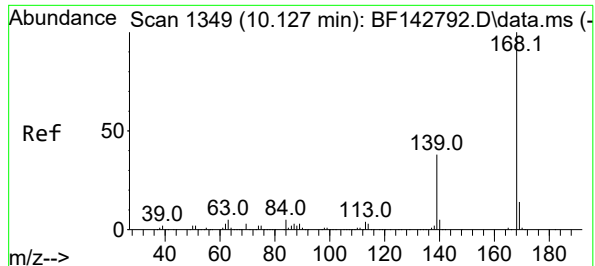
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.1	12.1
92	104.8	85.1	127.7



#54
2,4-Dinitrophenol
Concen: 6.104 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.7	50.6	75.8
154	64.1	51.8	77.8

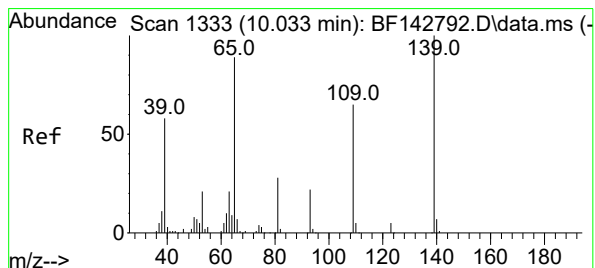
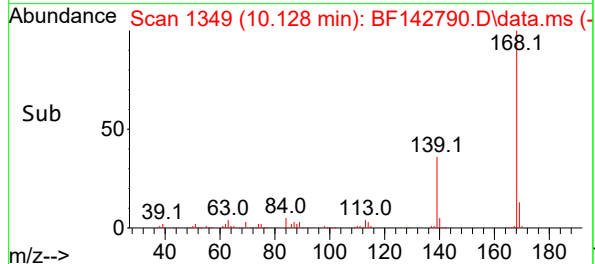
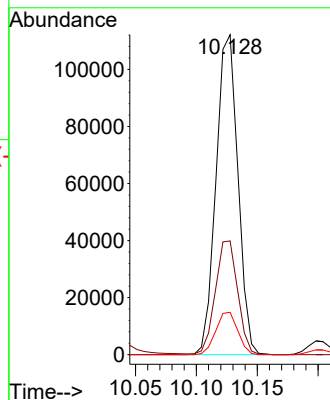
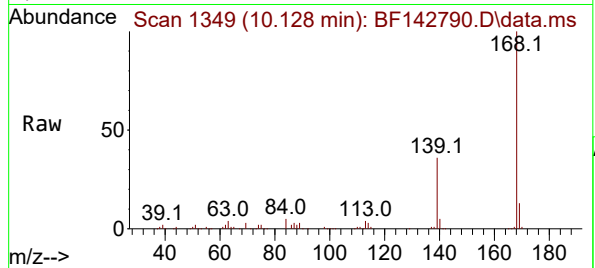




#55
Dibenzofuran
Concen: 10.416 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

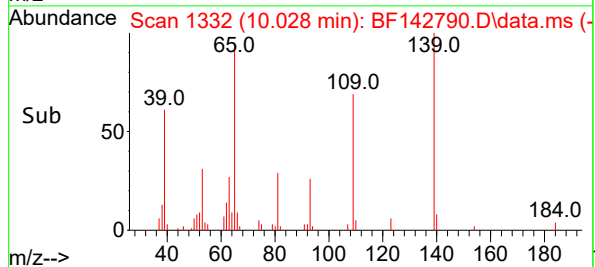
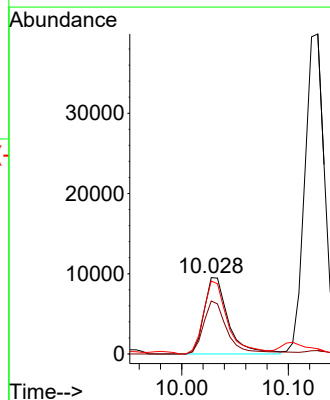
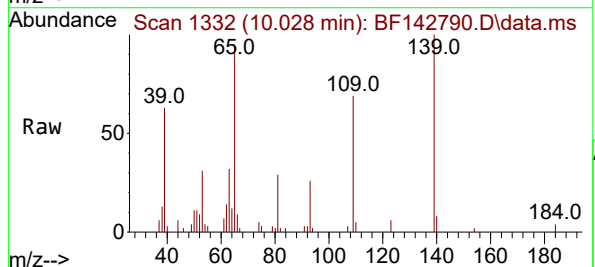
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

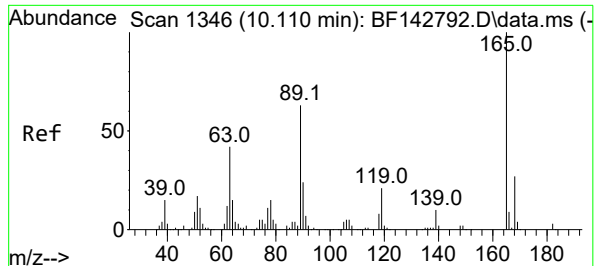
Tgt Ion:168 Resp: 140256
Ion Ratio Lower Upper
168 100
139 35.6 30.2 45.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 8.927 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:139 Resp: 14986
Ion Ratio Lower Upper
139 100
109 69.3 44.7 84.7
65 95.5 69.8 109.8

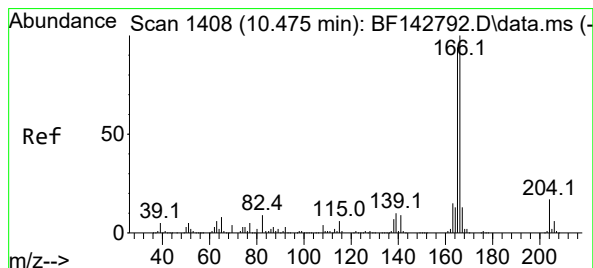
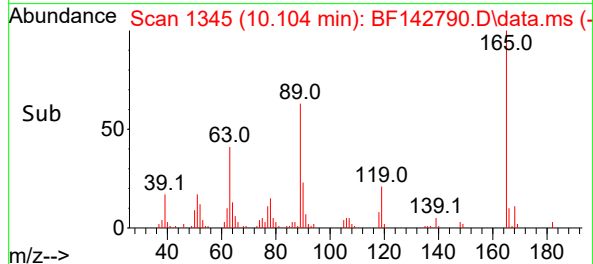
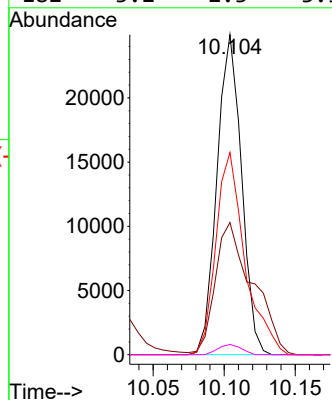
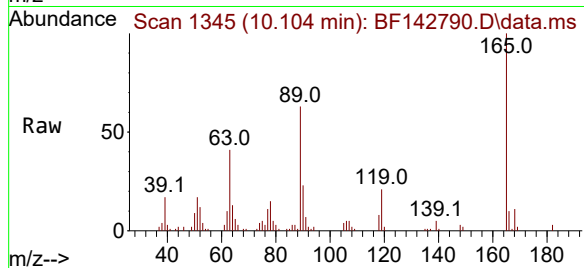




#57
2,4-Dinitrotoluene
Concen: 9.943 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

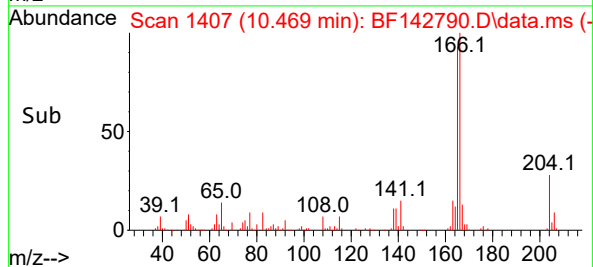
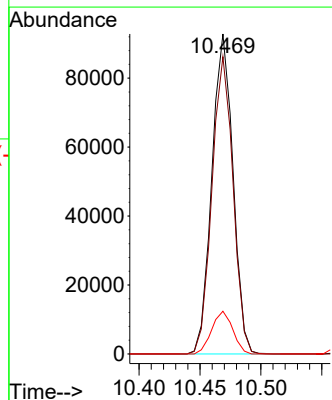
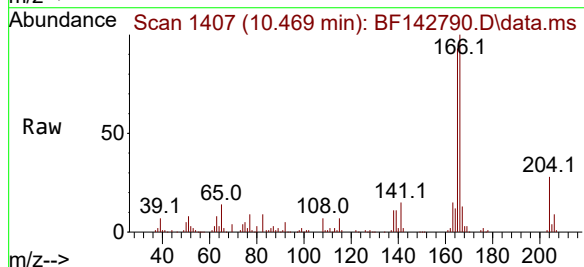
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

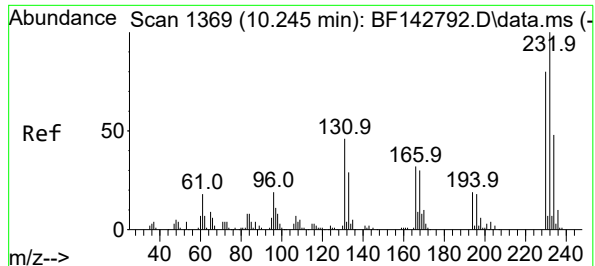
Tgt Ion:165 Resp: 29934
Ion Ratio Lower Upper
165 100
63 41.3 33.9 50.9
89 63.2 50.6 75.8
182 3.2 2.3 3.5



#58
Fluorene
Concen: 10.518 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:166 Resp: 111772
Ion Ratio Lower Upper
166 100
165 92.9 75.2 112.8
167 13.3 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.666 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:232 Resp: 25885

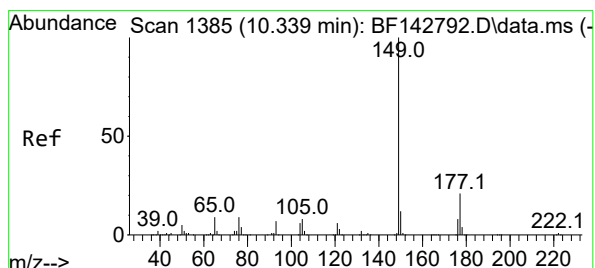
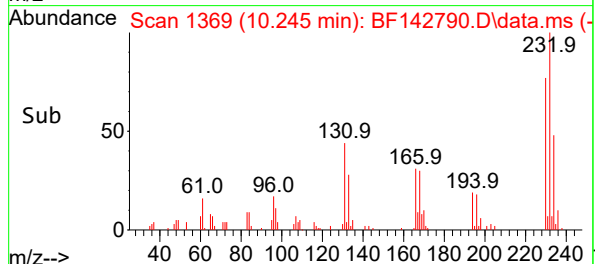
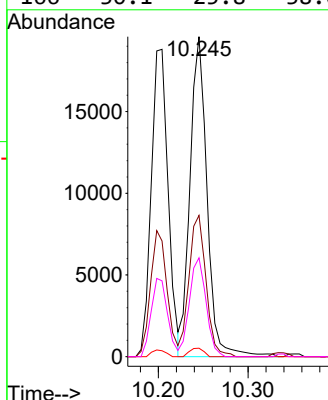
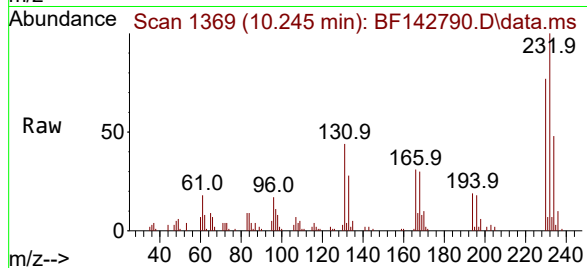
Ion Ratio Lower Upper

232 100

131 44.2 37.6 56.4

130 2.2 1.7 2.5

166 30.1 25.8 38.6



#60

Diethylphthalate

Concen: 9.877 ng

RT: 10.334 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

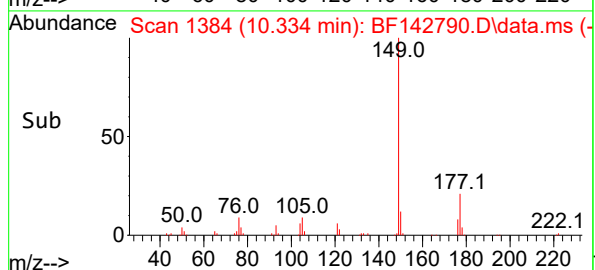
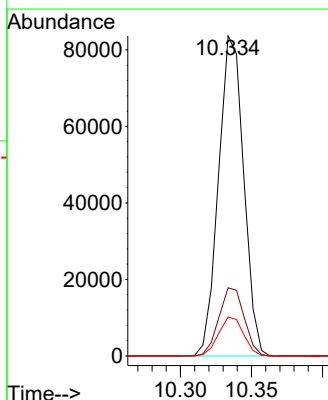
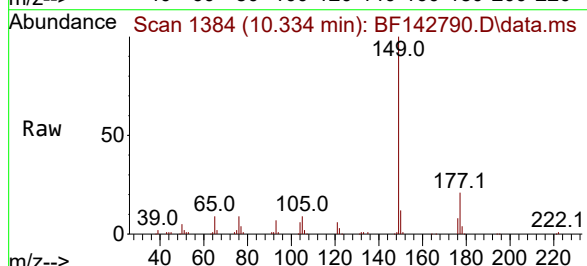
Tgt Ion:149 Resp: 103048

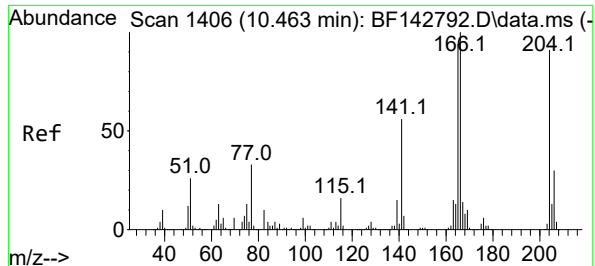
Ion Ratio Lower Upper

149 100

177 21.3 17.0 25.6

150 12.2 9.8 14.6

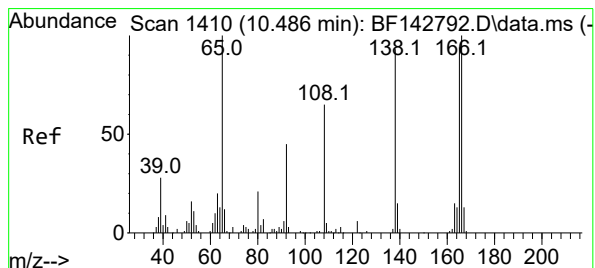
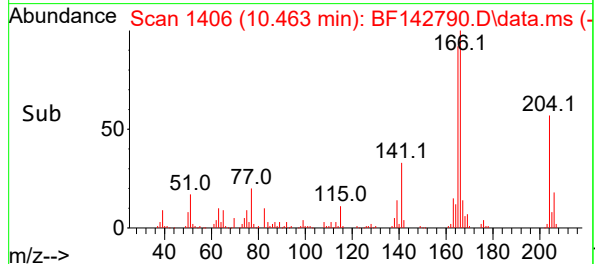
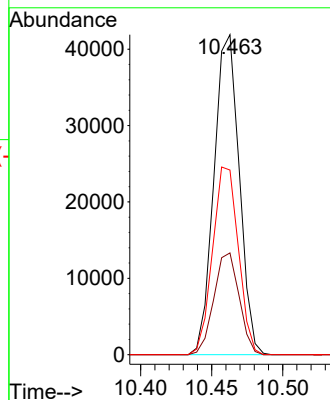
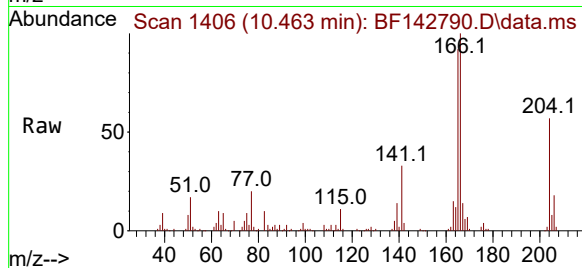




#61
4-Chlorophenyl-phenylether
Concen: 10.067 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

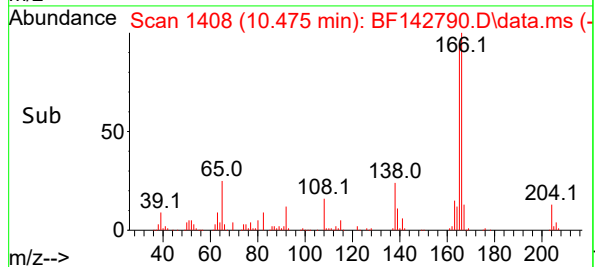
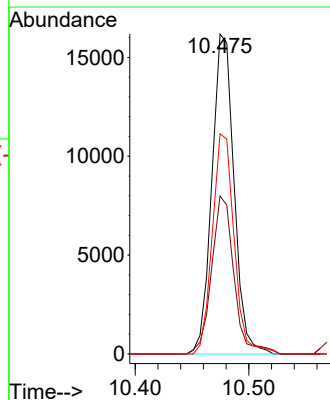
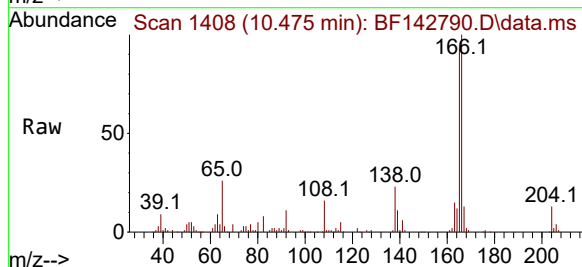
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

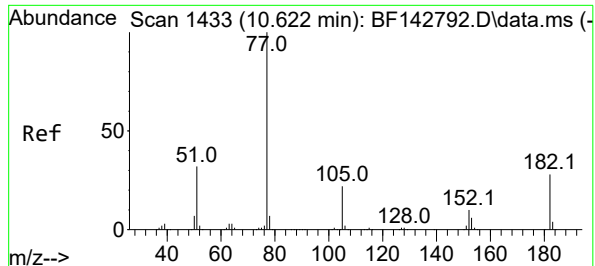
Tgt Ion:204 Resp: 51958
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 57.7 49.1 73.7



#62
4-Nitroaniline
Concen: 9.854 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:138 Resp: 21876
Ion Ratio Lower Upper
138 100
92 49.3 28.4 68.4
108 68.8 50.2 90.2

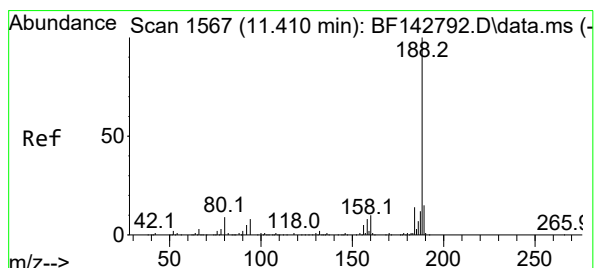
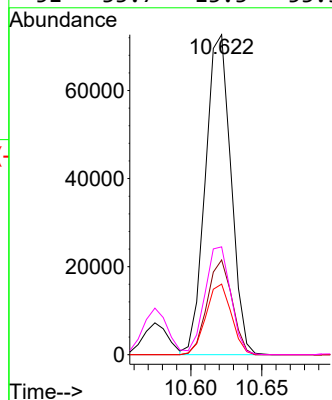
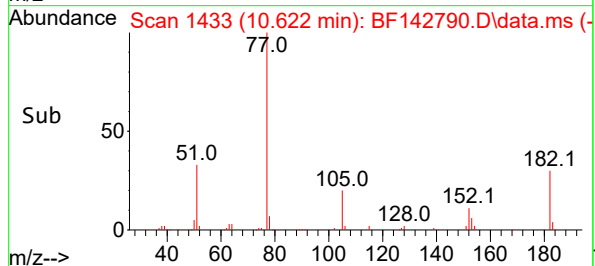
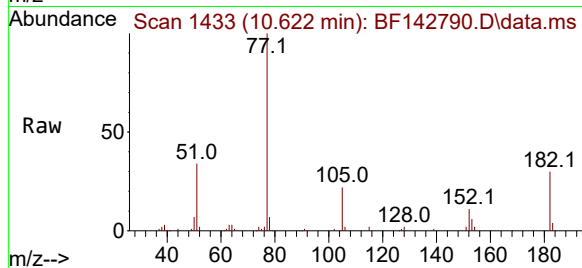




#63
Azobenzene
Concen: 9.977 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

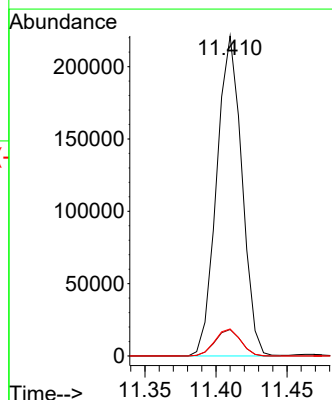
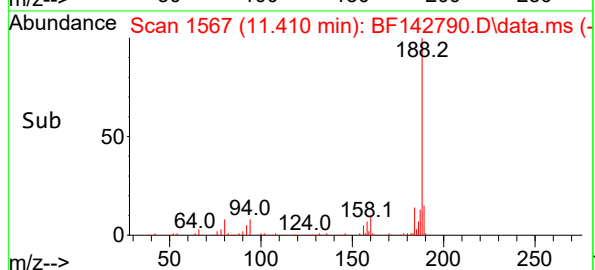
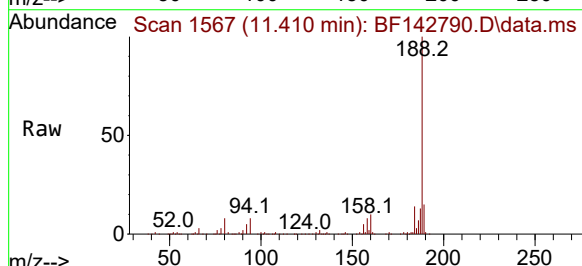
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

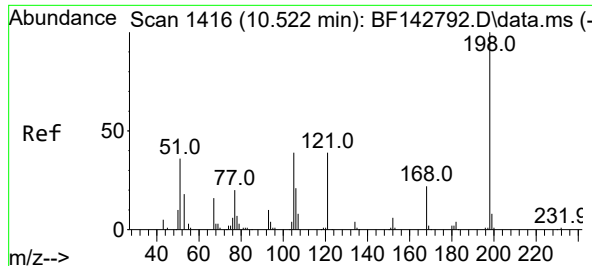
Tgt Ion:	77	Resp:	90965
Ion Ratio	Lower	Upper	
77	100		
182	29.6	7.7	47.7
105	22.0	1.9	41.9
51	33.7	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:	188	Resp:	273084
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.7	10.1
80	8.5	6.9	10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 7.982 ng

RT: 10.510 min Scan# 1416

Delta R.T. -0.012 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

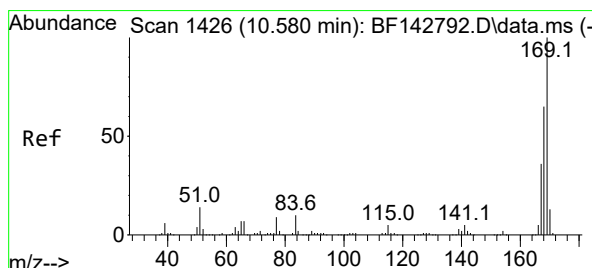
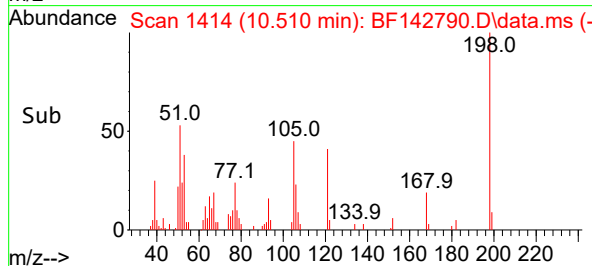
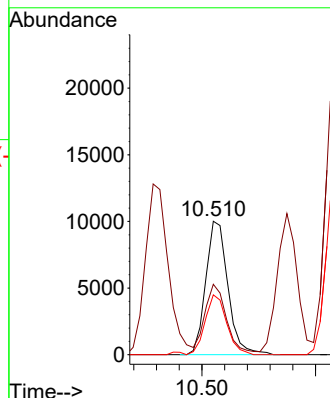
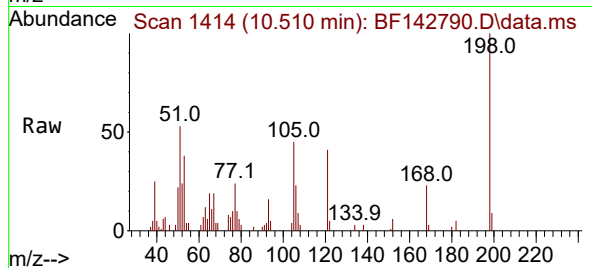
Tgt Ion:198 Resp: 13545

Ion Ratio Lower Upper

198 100

51 52.8 25.4 65.4

105 44.8 20.4 60.4



#66

n-Nitrosodiphenylamine

Concen: 9.978 ng

RT: 10.575 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

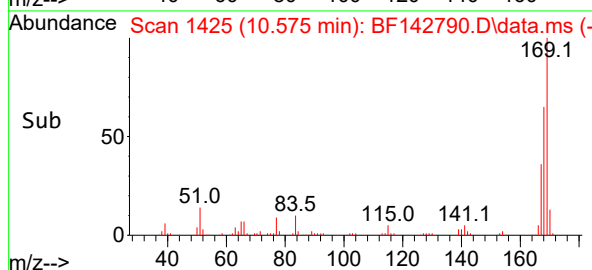
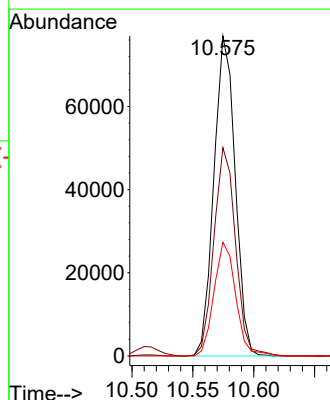
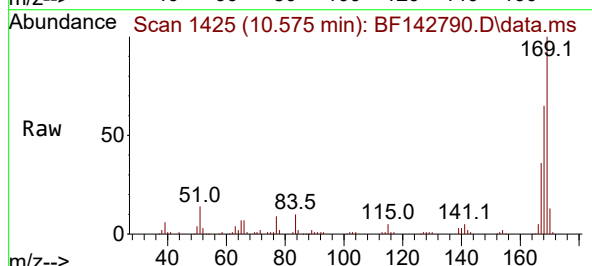
Tgt Ion:169 Resp: 93632

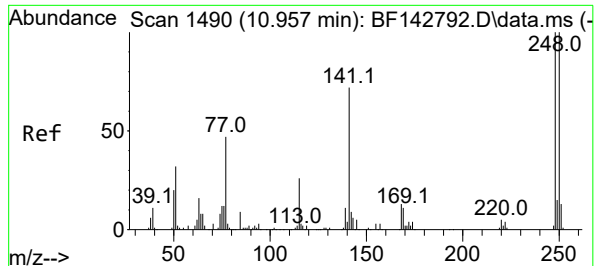
Ion Ratio Lower Upper

169 100

168 65.1 51.9 77.9

167 35.6 28.5 42.7

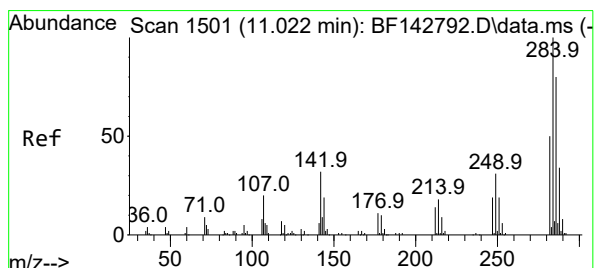
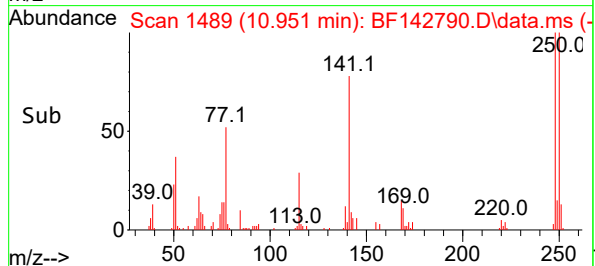
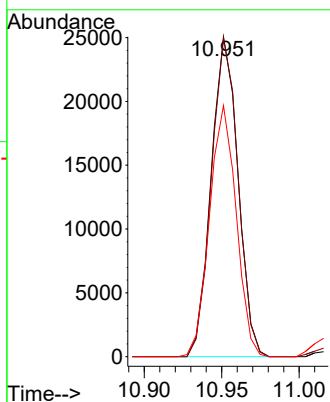
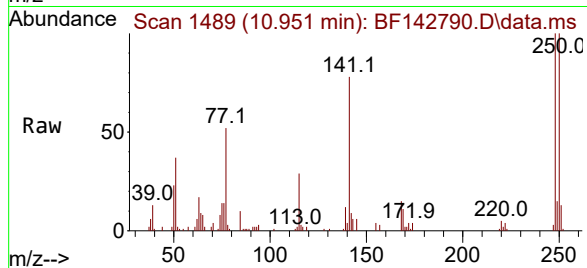




#67
4-Bromophenyl-phenylether
Concen: 9.425 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

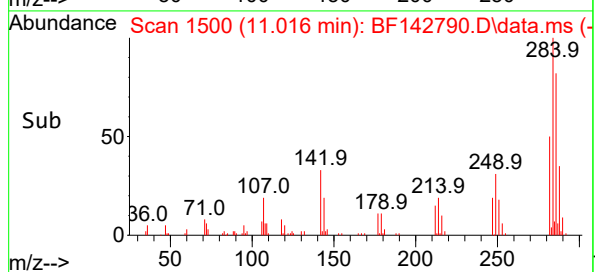
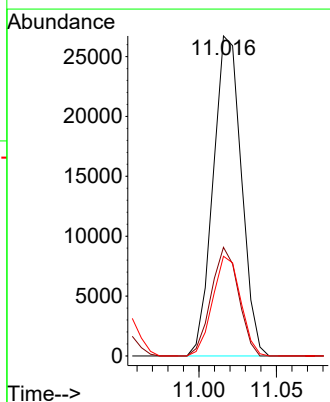
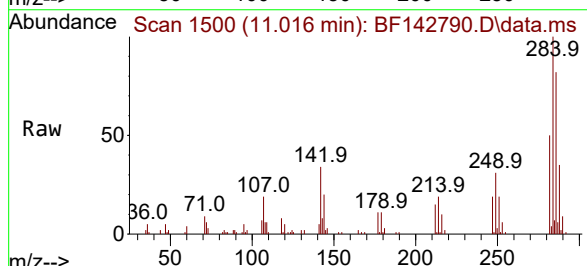
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

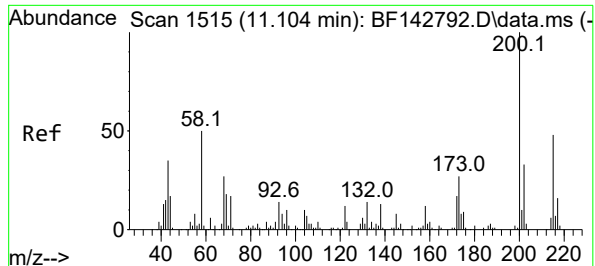
Tgt Ion:	248	Resp:	30145
Ion Ratio	Lower	Upper	
248	100		
250	99.6	79.8	119.8
141	78.4	57.8	86.6



#68
Hexachlorobenzene
Concen: 9.530 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:	284	Resp:	33838
Ion Ratio	Lower	Upper	
284	100		
142	34.0	25.5	38.3
249	31.2	24.9	37.3





#69

Atrazine

Concen: 9.401 ng

RT: 11.098 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

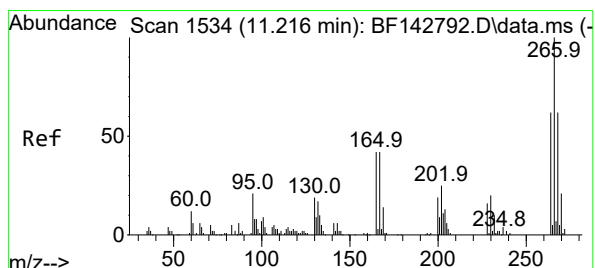
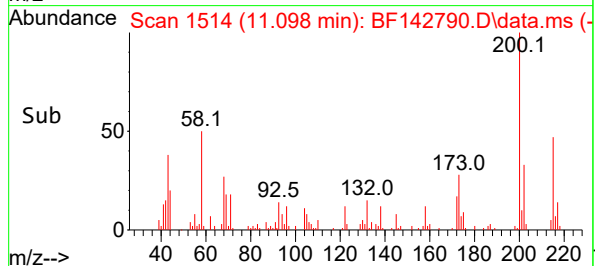
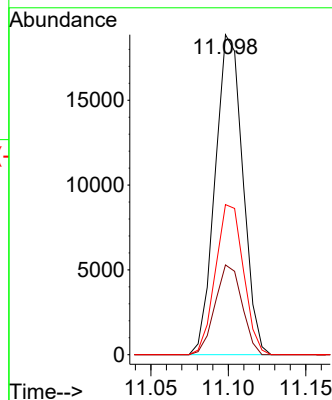
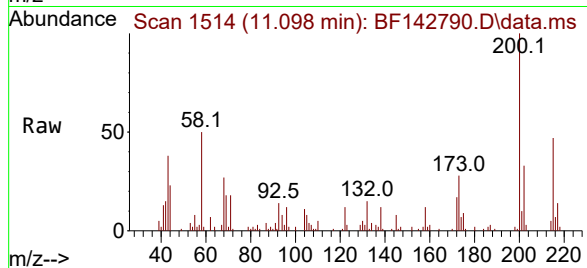
Tgt Ion:200 Resp: 23423

Ion Ratio Lower Upper

200 100

173 28.1 7.4 47.4

215 46.9 28.4 68.4



#70

Pentachlorophenol

Concen: 7.534 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

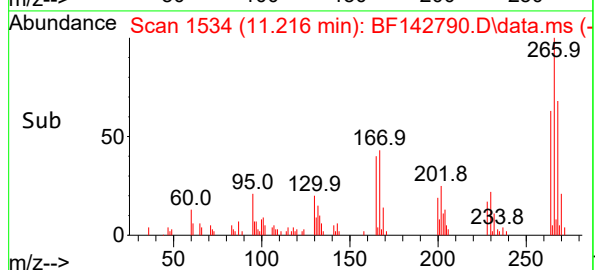
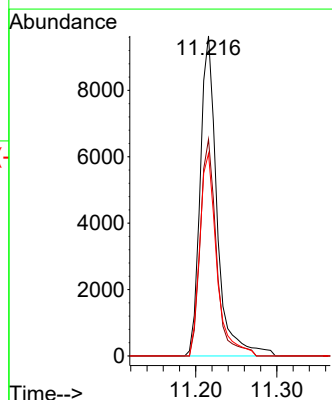
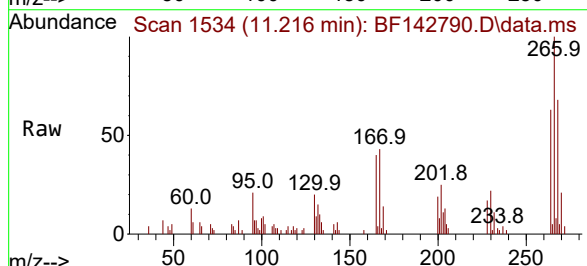
Tgt Ion:266 Resp: 13894

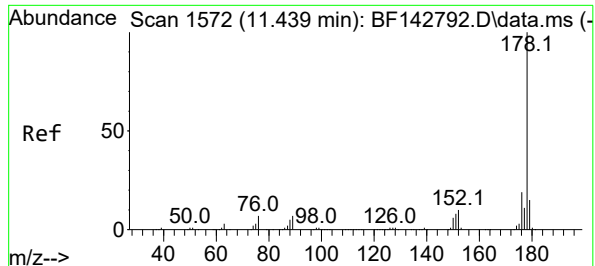
Ion Ratio Lower Upper

266 100

268 67.7 49.8 74.8

264 63.2 49.9 74.9

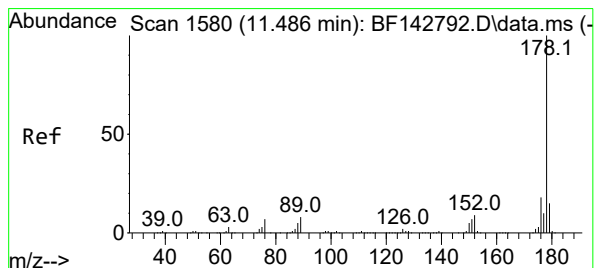
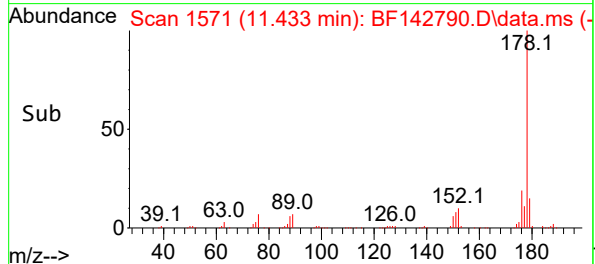
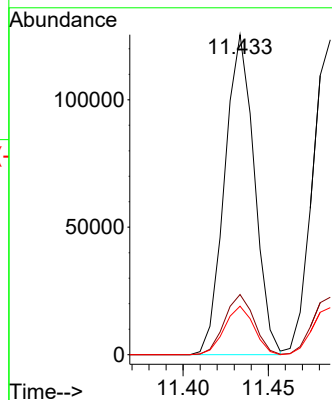
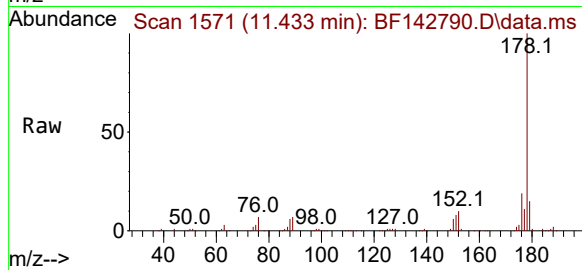




#71
Phenanthrene
Concen: 10.396 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

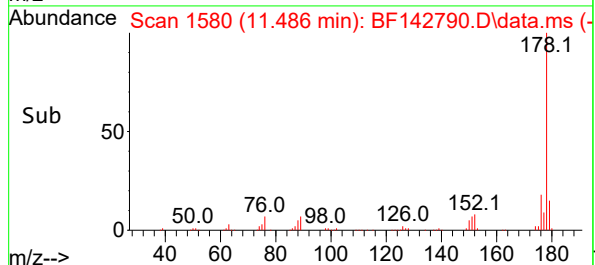
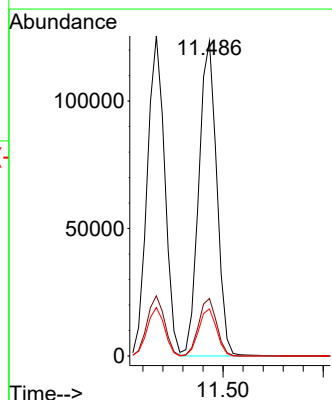
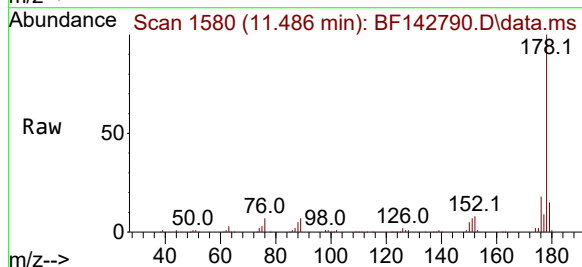
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

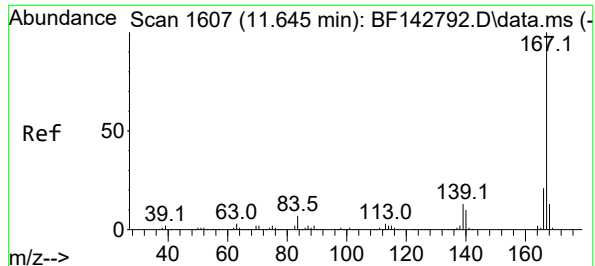
Tgt Ion:178 Resp: 151997
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.1 12.0 18.0



#72
Anthracene
Concen: 10.135 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

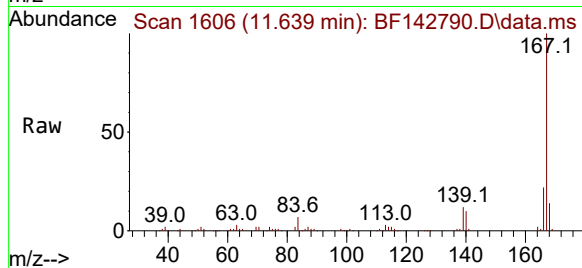
Tgt Ion:178 Resp: 153376
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.0 12.4 18.6



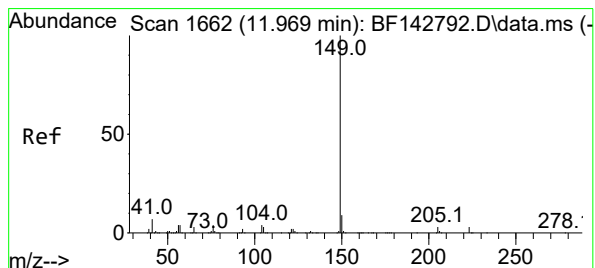
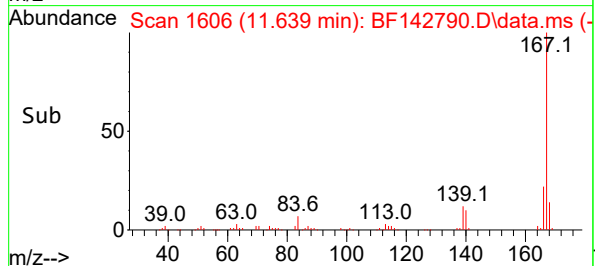
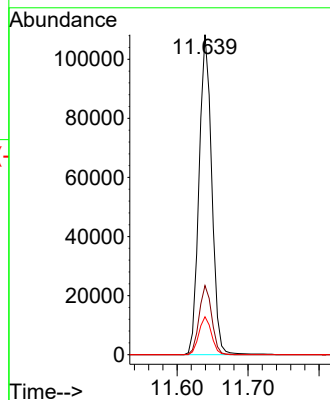


#73
Carbazole
Concen: 10.625 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

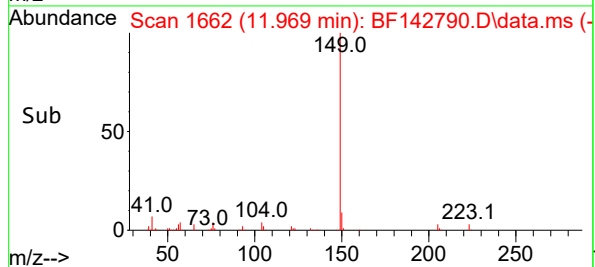
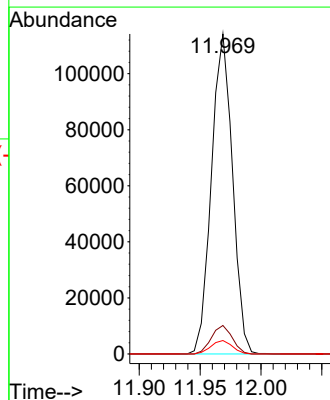
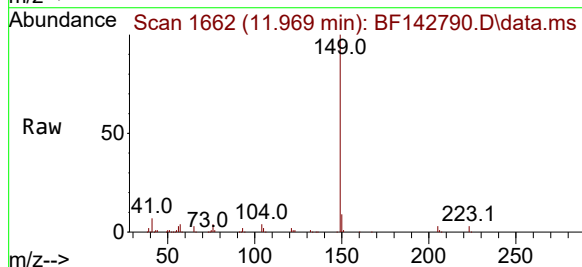


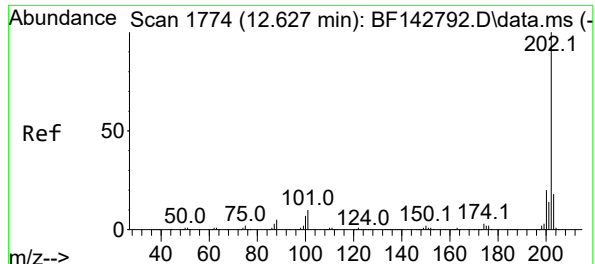
Tgt Ion:167 Resp: 134656
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.4
139 11.8 10.2 15.2



#74
Di-n-butylphthalate
Concen: 9.784 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:149 Resp: 137293
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 4.2 3.5 5.3

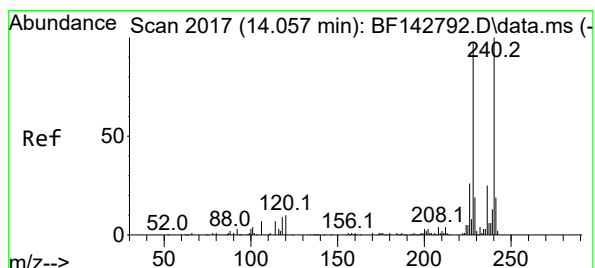
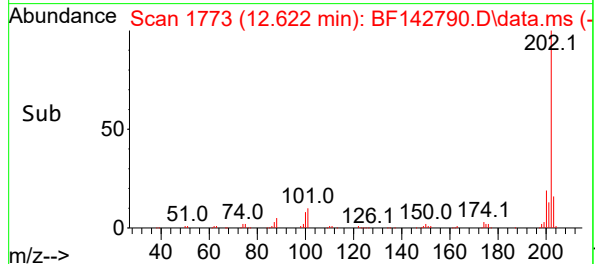
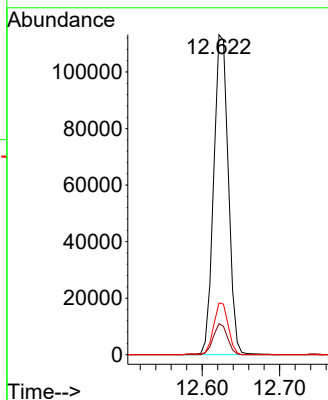
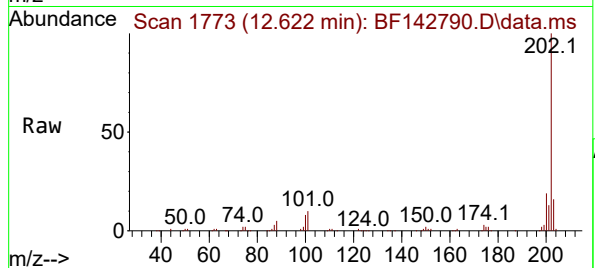




#75
Fluoranthene
Concen: 10.693 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

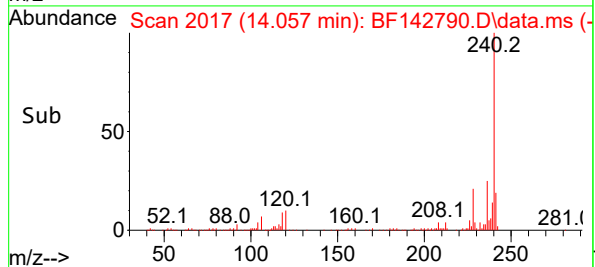
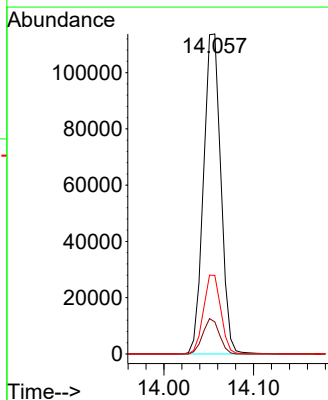
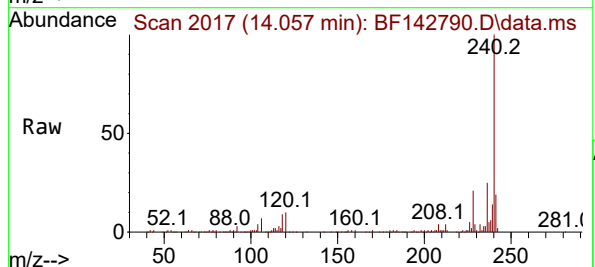
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

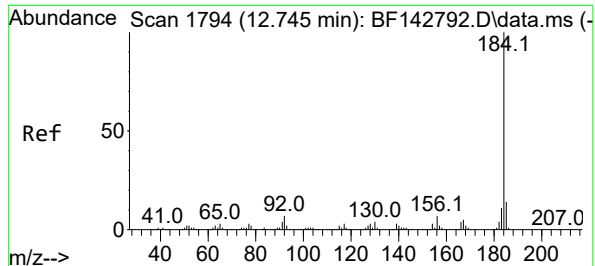
Tgt Ion:202 Resp: 148540
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.7
203 16.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:240 Resp: 152374
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.6 19.8 29.8





#77

Benzidine

Concen: 10.524 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

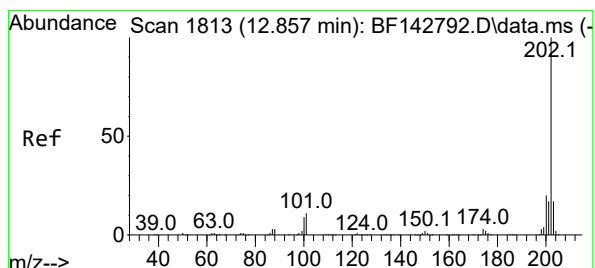
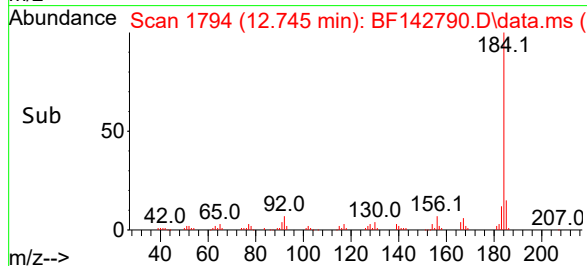
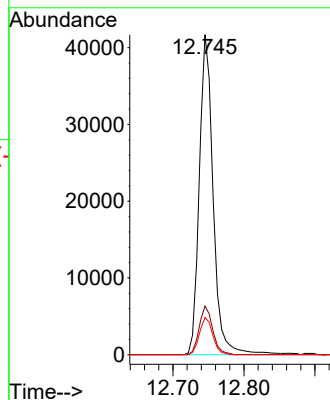
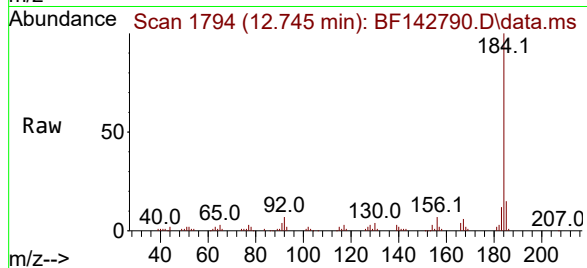
Tgt Ion:184 Resp: 56769

Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

183 11.6 9.0 13.4



#78

Pyrene

Concen: 10.553 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

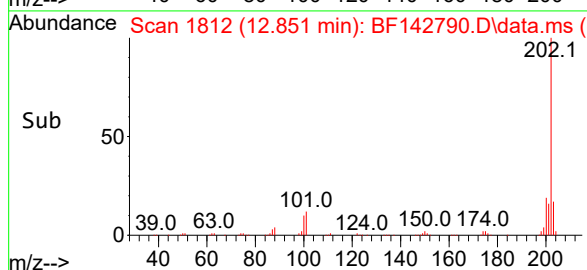
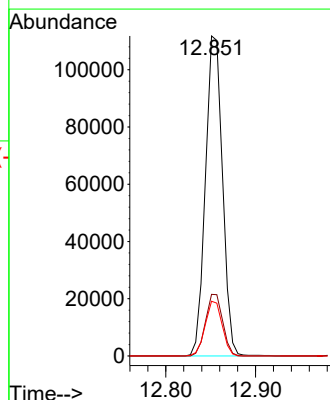
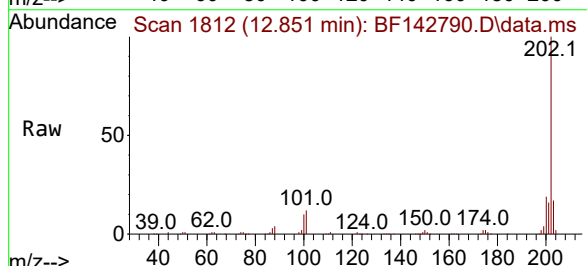
Tgt Ion:202 Resp: 147819

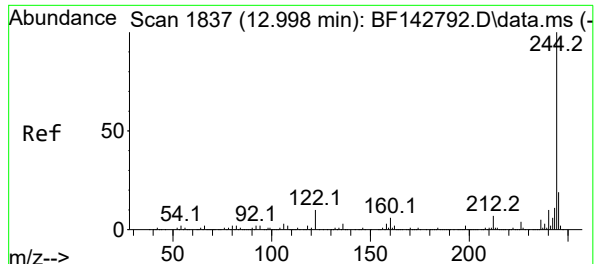
Ion Ratio Lower Upper

202 100

200 19.3 15.7 23.5

203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 21.651 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

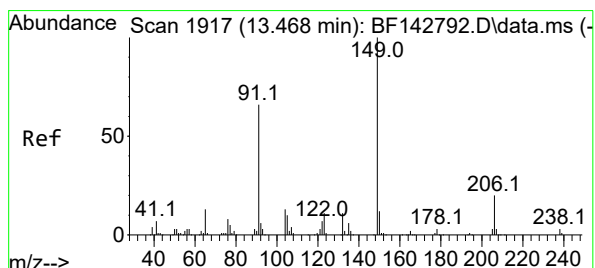
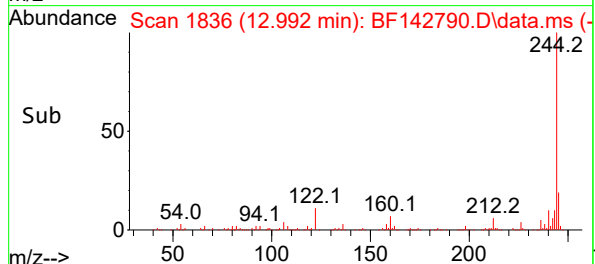
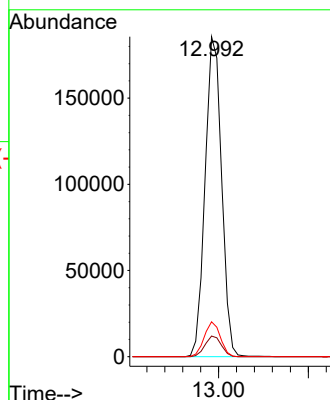
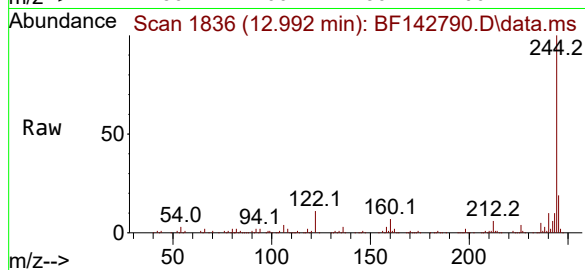
Tgt Ion:244 Resp: 237037

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 10.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 8.635 ng

RT: 13.469 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

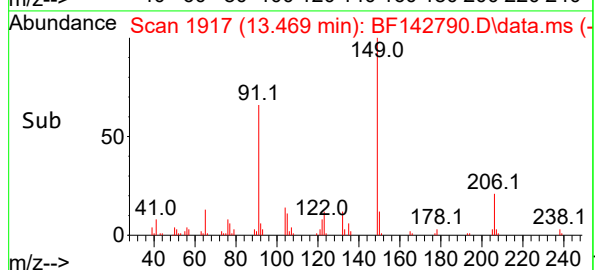
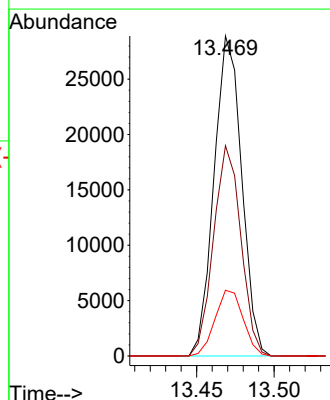
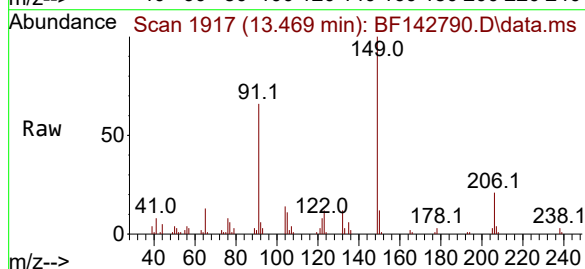
Tgt Ion:149 Resp: 35843

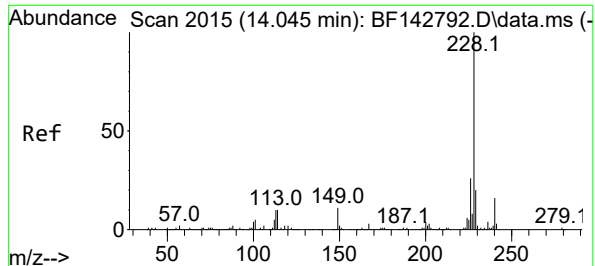
Ion Ratio Lower Upper

149 100

91 65.7 52.9 79.3

206 20.5 16.3 24.5

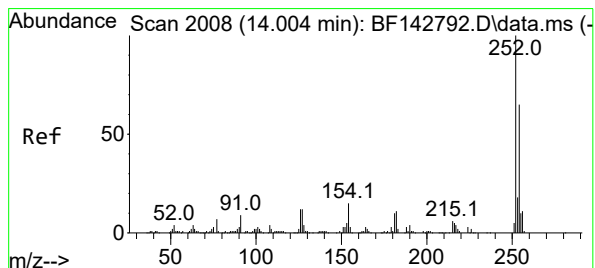
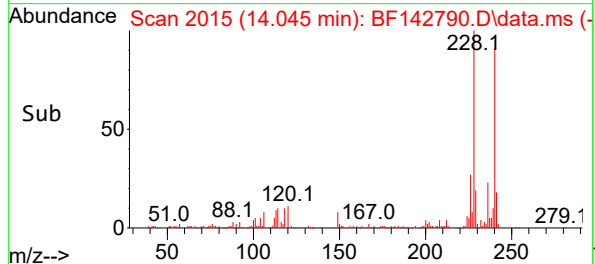
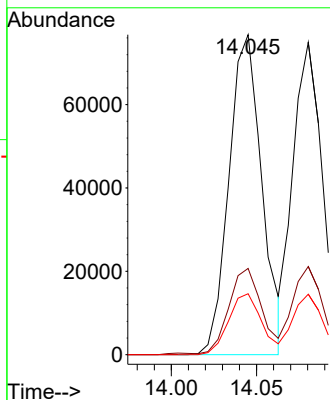
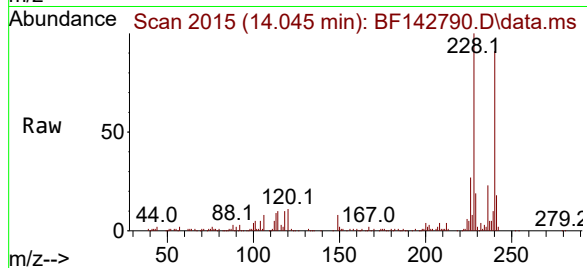




#81
Benzo(a)anthracene
Concen: 10.345 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

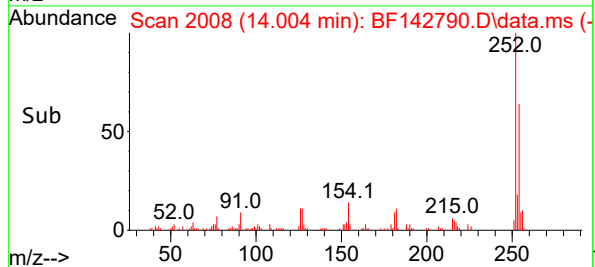
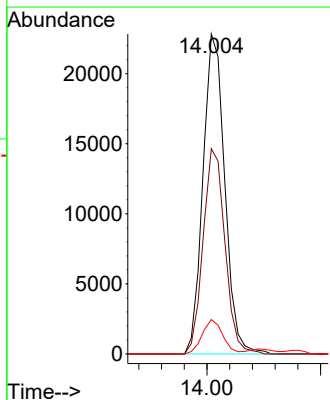
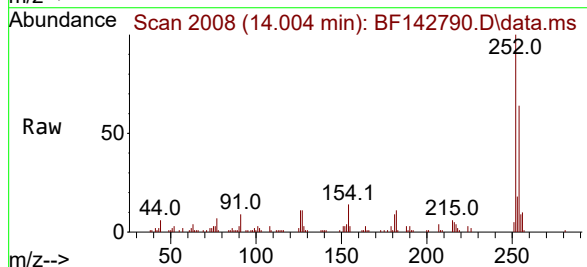
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

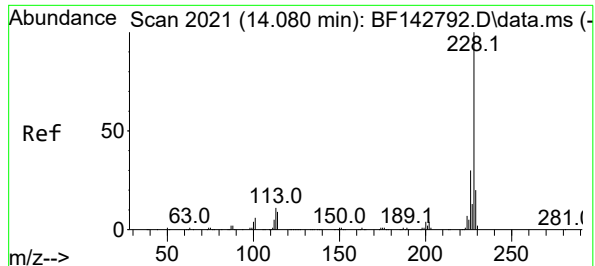
Tgt Ion:228 Resp: 103495
Ion Ratio Lower Upper
228 100
226 27.0 21.2 31.8
229 19.1 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 9.368 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:252 Resp: 30349
Ion Ratio Lower Upper
252 100
254 64.2 51.7 77.5
126 10.8 9.4 14.2

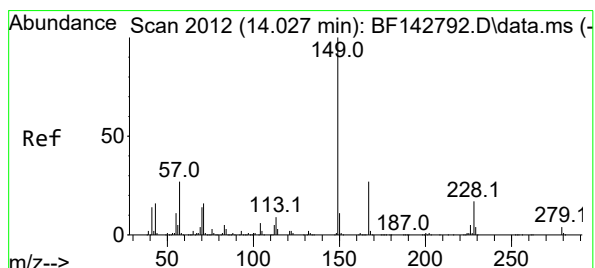
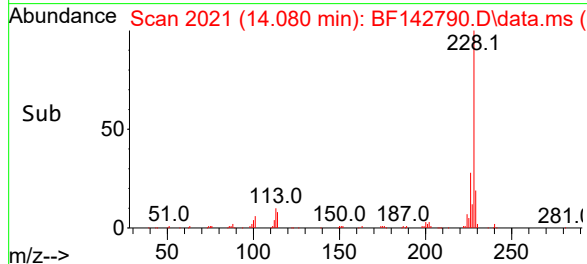
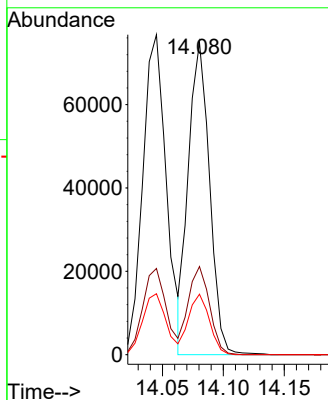
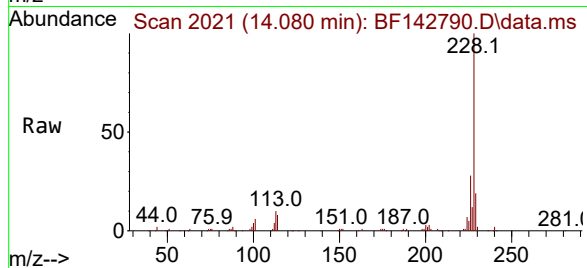




#83
Chrysene
Concen: 9.741 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

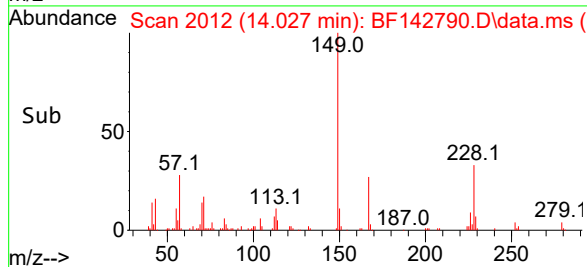
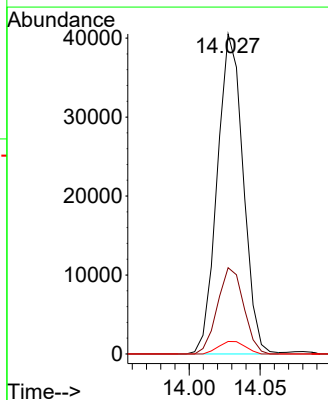
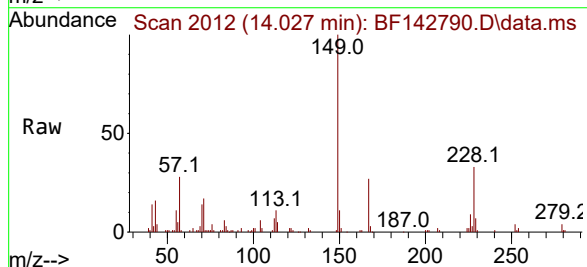
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

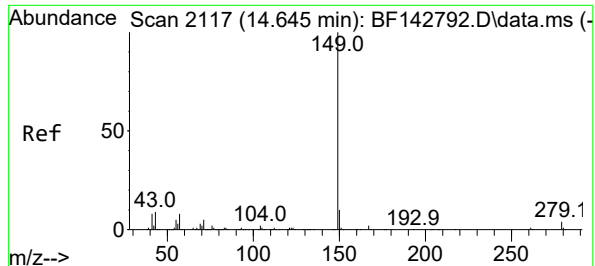
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.7	35.5
229	19.4	15.7	23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.316 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

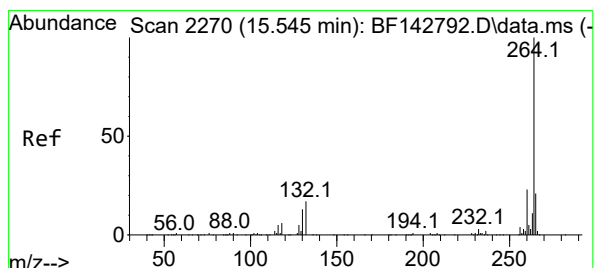
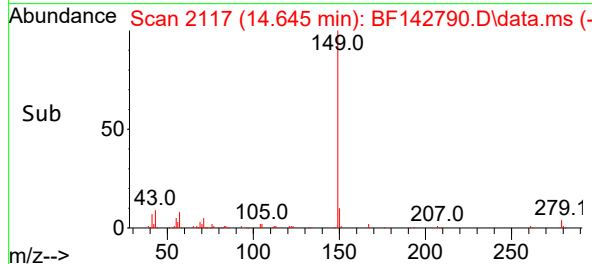
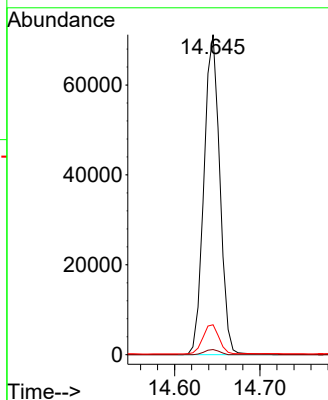
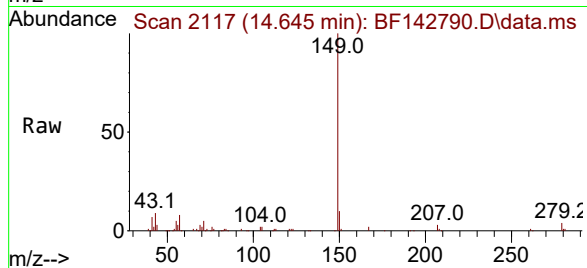




#85
Di-n-octyl phthalate
Concen: 7.805 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

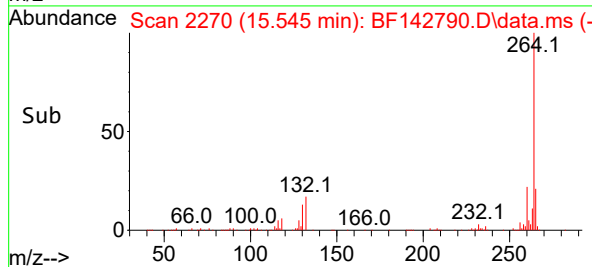
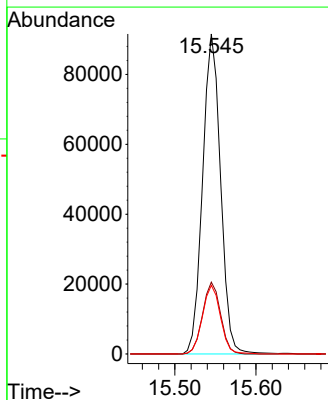
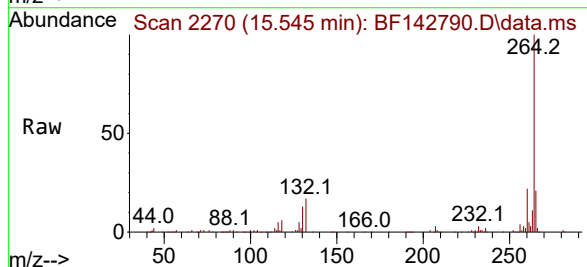
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

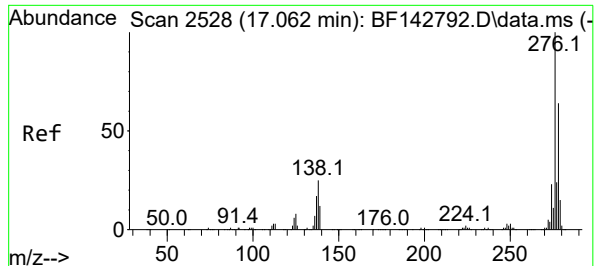
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.3	7.6	11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.1	27.1
265	21.5	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.061 ng

RT: 17.051 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

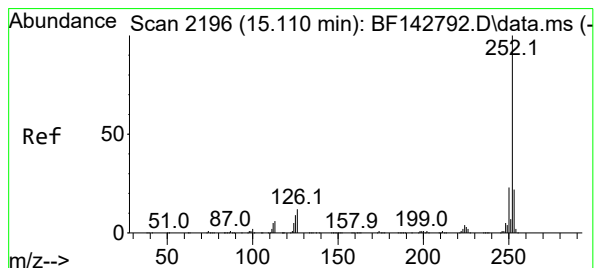
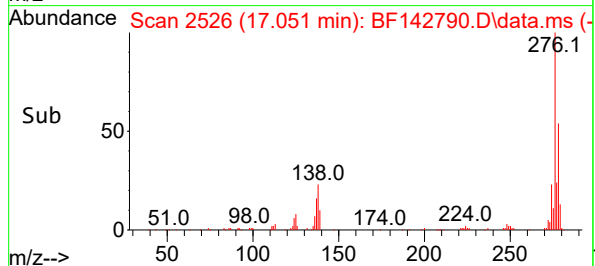
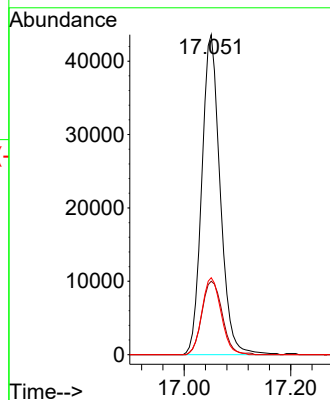
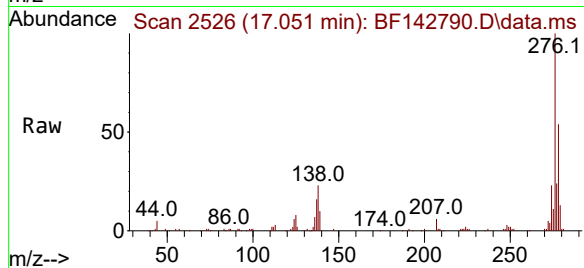
Tgt Ion:276 Resp: 104445

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.4

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 10.478 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

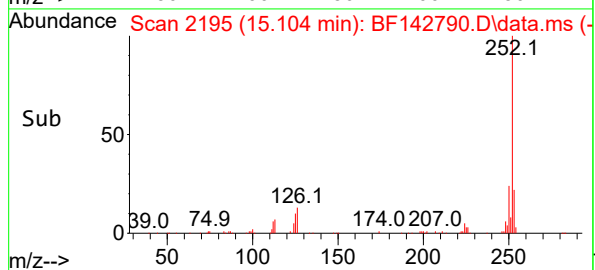
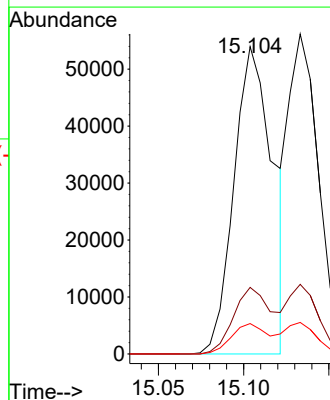
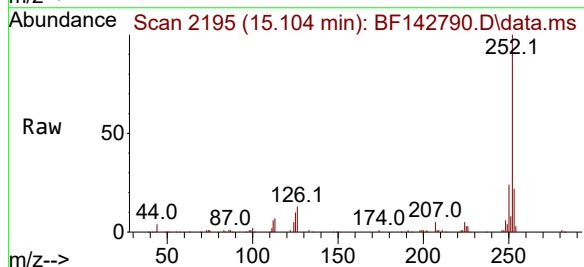
Tgt Ion:252 Resp: 85689

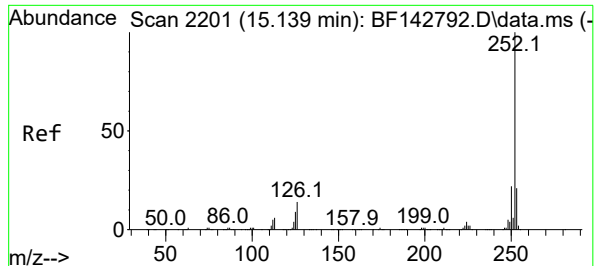
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 8.828 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

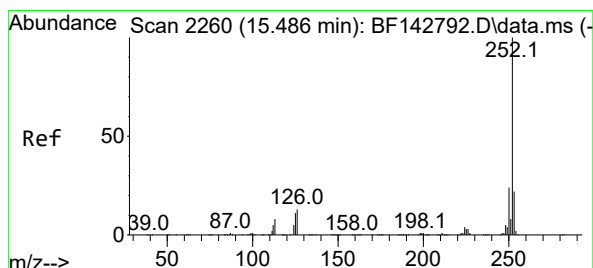
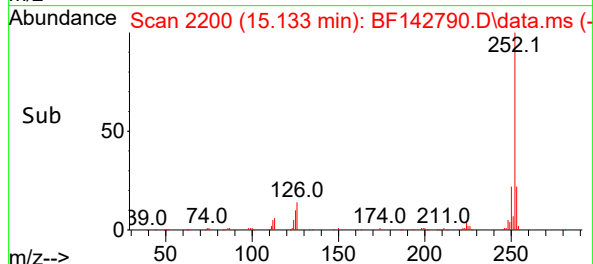
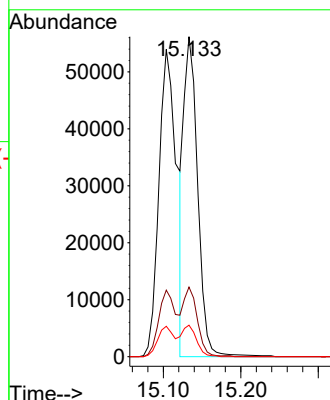
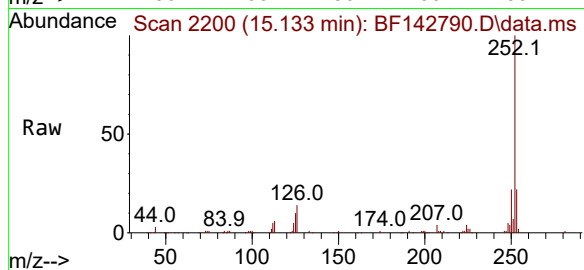
Tgt Ion:252 Resp: 70470

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 9.558 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

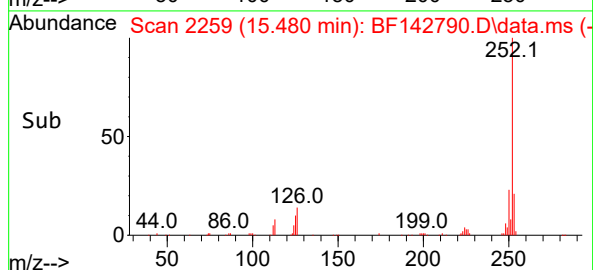
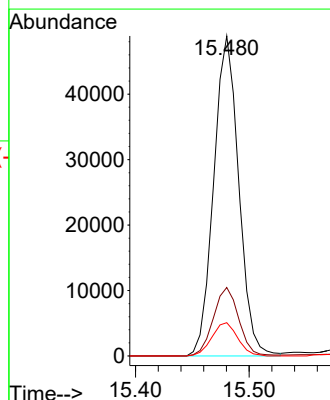
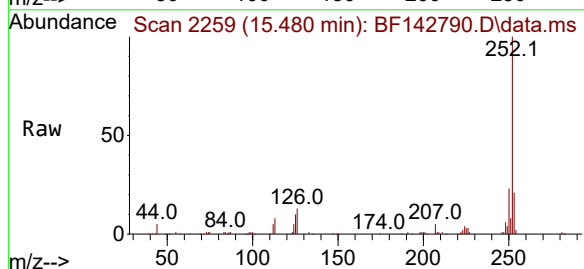
Tgt Ion:252 Resp: 74803

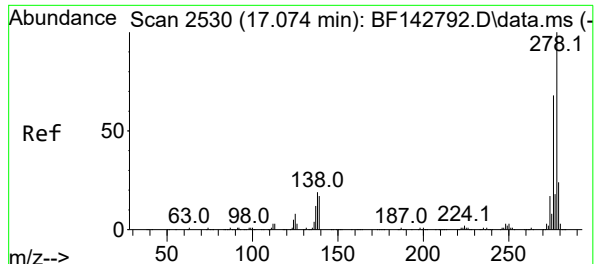
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.4 8.6 12.8

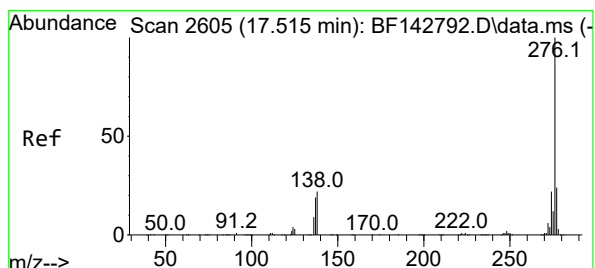
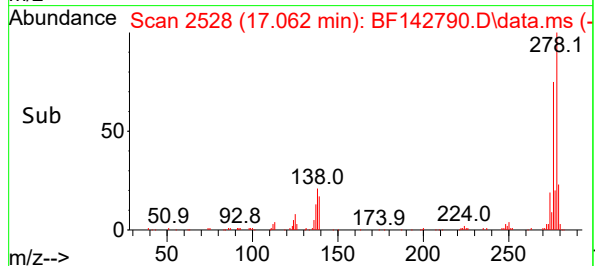
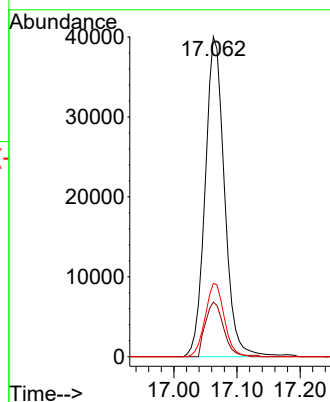
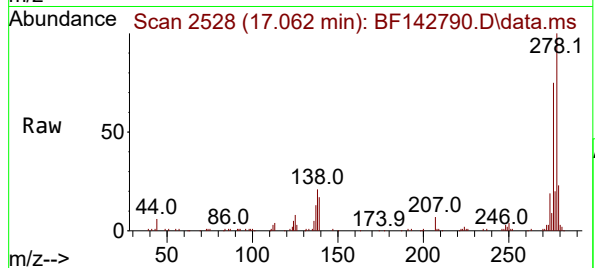




#91
Dibenzo(a,h)anthracene
Concen: 10.099 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

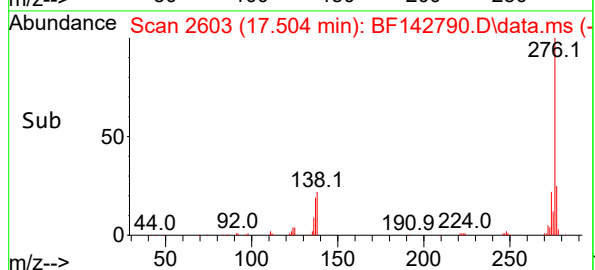
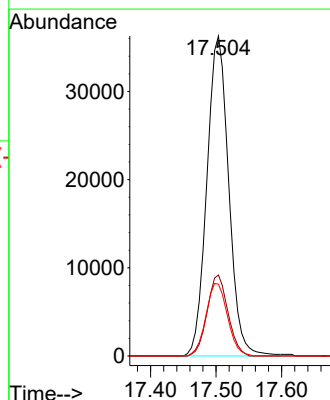
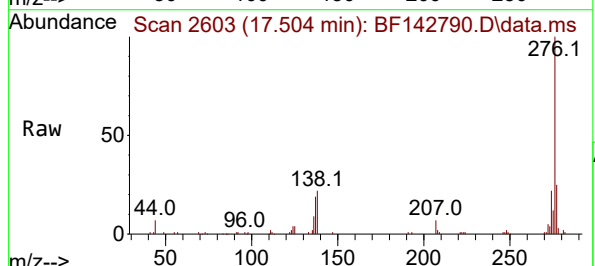
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 85238
Ion Ratio Lower Upper
278 100
139 17.0 13.5 20.3
279 22.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 9.989 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:276 Resp: 84115
Ion Ratio Lower Upper
276 100
277 25.3 18.8 28.2
138 22.5 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142791.D
 Acq On : 19 Jun 2025 18:39
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Jun 20 04:39:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83780	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	312367	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	164603	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277149	20.000	ng	0.00
76) Chrysene-d12	14.057	240	151398	20.000	ng	0.00
86) Perylene-d12	15.545	264	151331	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	206126	41.963	ng	0.00
7) Phenol-d6	6.504	99	238437	41.338	ng	0.00
23) Nitrobenzene-d5	7.440	82	233268	40.933	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	70502	39.411	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	524084	42.356	ng	0.00
79) Terphenyl-d14	12.998	244	464214	42.675	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	39464	20.232	ng	99
3) Pyridine	3.410	79	99721	20.419	ng	99
4) n-Nitrosodimethylamine	3.346	42	51716	20.677	ng	94
6) Aniline	6.540	93	158463	20.499	ng	99
8) 2-Chlorophenol	6.663	128	108230	20.235	ng	99
9) Benzaldehyde	6.428	77	79008	22.467	ng	99
10) Phenol	6.516	94	133318	20.730	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	94972	19.905	ng	99
12) 1,3-Dichlorobenzene	6.822	146	123139	20.218	ng	99
13) 1,4-Dichlorobenzene	6.899	146	123337	19.980	ng	99
14) 1,2-Dichlorobenzene	7.051	146	118033	20.001	ng	100
15) Benzyl Alcohol	7.016	79	85856	19.885	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	152035	20.224	ng	99
17) 2-Methylphenol	7.128	107	82097	20.077	ng	99
18) Hexachloroethane	7.393	117	42435	19.229	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	69761	19.178	ng	99
20) 3+4-Methylphenols	7.281	107	105750	20.547	ng	97
22) Acetophenone	7.287	105	143274	20.730	ng	99
24) Nitrobenzene	7.463	77	103569	20.450	ng	97
25) Isophorone	7.698	82	185071	19.365	ng	100
26) 2-Nitrophenol	7.781	139	56979	20.191	ng	99
27) 2,4-Dimethylphenol	7.816	122	99256	20.659	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	119505	20.087	ng	99
29) 2,4-Dichlorophenol	8.022	162	90497	20.437	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	99320	20.304	ng	99
31) Naphthalene	8.187	128	313467	20.405	ng	100
32) Benzoic acid	7.898	122	45969	17.245	ng	98
33) 4-Chloroaniline	8.234	127	127623	20.729	ng	99
34) Hexachlorobutadiene	8.304	225	61994	20.001	ng	98
35) Caprolactam	8.587	113	23555	19.769	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	89279	19.518	ng	99
37) 2-Methylnaphthalene	8.881	142	196609	20.287	ng	100
38) 1-Methylnaphthalene	8.975	142	202898	20.165	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	99104	20.857	ng	99
41) Hexachlorocyclopentadiene	9.028	237	50669	16.864	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	64786	21.069	ng	97

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 Data File : BF142791.D
 Acq On : 19 Jun 2025 18:39
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

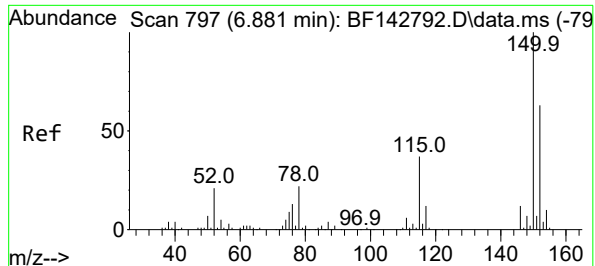
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	69275	20.862	ng	98
46) 1,1'-Biphenyl	9.340	154	269396	21.078	ng	100
47) 2-Chloronaphthalene	9.369	162	198874	21.087	ng	99
48) 2-Nitroaniline	9.463	65	55412	20.681	ng	96
49) Acenaphthylene	9.781	152	331018	20.878	ng	99
50) Dimethylphthalate	9.640	163	218901	20.049	ng	100
51) 2,6-Dinitrotoluene	9.704	165	47707	20.156	ng	99
52) Acenaphthene	9.957	154	204192	20.813	ng	99
53) 3-Nitroaniline	9.875	138	52088	20.261	ng	98
54) 2,4-Dinitrophenol	9.981	184	21231	16.576	ng	97
55) Dibenzofuran	10.128	168	290254	20.736	ng	98
56) 4-Nitrophenol	10.028	139	35937	20.593	ng	98
57) 2,4-Dinitrotoluene	10.104	165	65367	20.887	ng	98
58) Fluorene	10.469	166	229569	20.780	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	55799	20.042	ng	96
60) Diethylphthalate	10.339	149	217133	20.020	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	110133	20.526	ng	98
62) 4-Nitroaniline	10.481	138	48947	21.208	ng	96
63) Azobenzene	10.622	77	192057	20.263	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	32946	19.130	ng	99
66) n-Nitrosodiphenylamine	10.581	169	196840	20.670	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	65137	20.068	ng	97
68) Hexachlorobenzene	11.022	284	71354	19.802	ng	98
69) Atrazine	11.104	200	49963	19.760	ng	99
70) Pentachlorophenol	11.216	266	33089	17.680	ng	97
71) Phenanthrene	11.434	178	309015	20.826	ng	100
72) Anthracene	11.486	178	318388	20.730	ng	100
73) Carbazole	11.639	167	276824	21.523	ng	99
74) Di-n-butylphthalate	11.969	149	289686	20.342	ng	100
75) Fluoranthene	12.628	202	302035	21.424	ng	99
77) Benzidine	12.745	184	130162	24.285	ng	99
78) Pyrene	12.857	202	297999	21.413	ng	100
80) Butylbenzylphthalate	13.469	149	81500	19.761	ng	99
81) Benzo(a)anthracene	14.045	228	206831	20.807	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	66675	20.714	ng	97
83) Chrysene	14.080	228	182829	19.756	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	116092	18.892	ng	99
85) Di-n-octyl phthalate	14.645	149	204632	17.475	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	233757	20.893	ng	99
88) Benzo(b)fluoranthene	15.104	252	185574	21.056	ng	99
89) Benzo(k)fluoranthene	15.133	252	156588	18.201	ng	99
90) Benzo(a)pyrene	15.480	252	170053	20.162	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	195608	21.504	ng	98
92) Benzo(g,h,i)perylene	17.504	276	191567	21.109	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

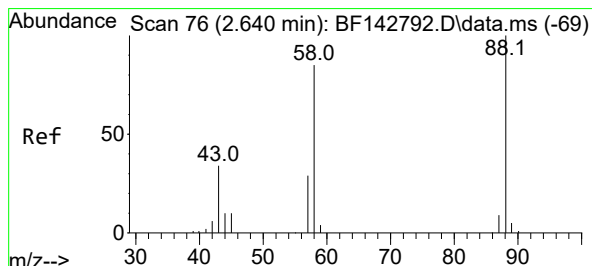
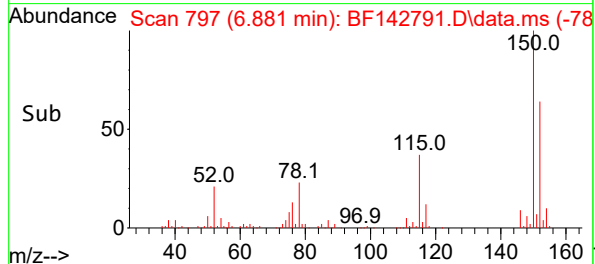
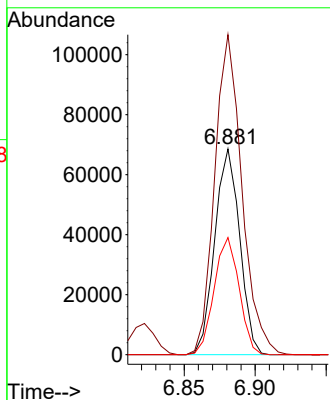
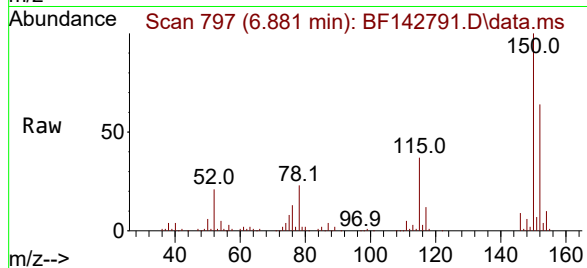
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

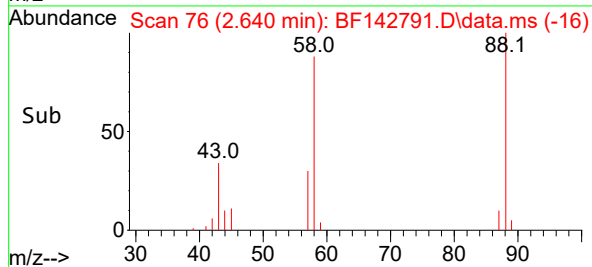
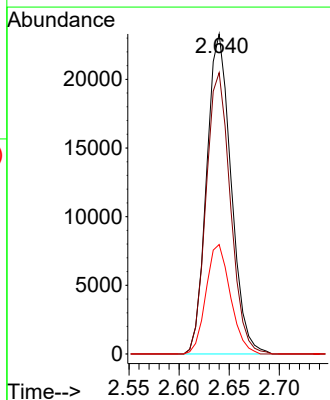
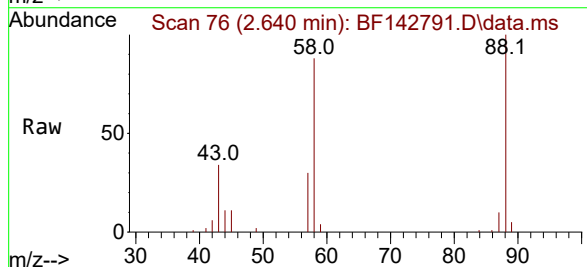
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BNA_F
ClientSampleId :
SSTDICC020

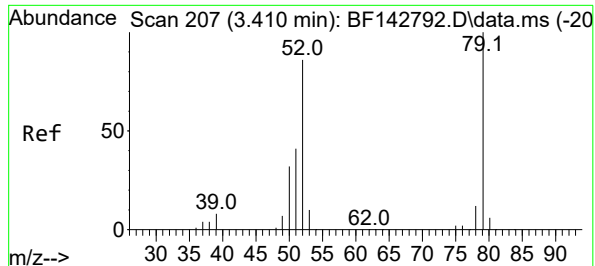
Tgt Ion:152 Resp: 83780
Ion Ratio Lower Upper
152 100
150 155.5 127.2 190.8
115 56.9 46.6 69.8



#2
1,4-Dioxane
Concen: 20.232 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion: 88 Resp: 39464
Ion Ratio Lower Upper
88 100
58 87.5 69.1 103.7
43 34.2 27.4 41.2

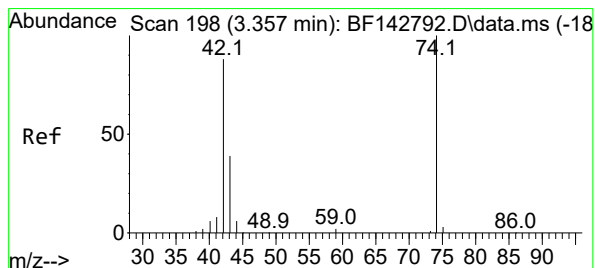
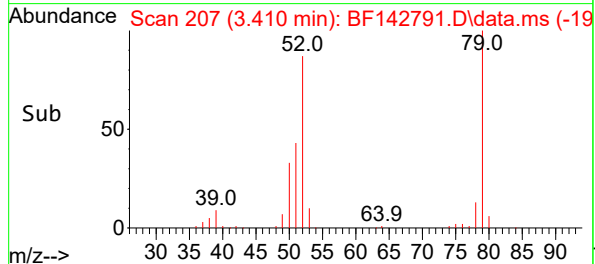
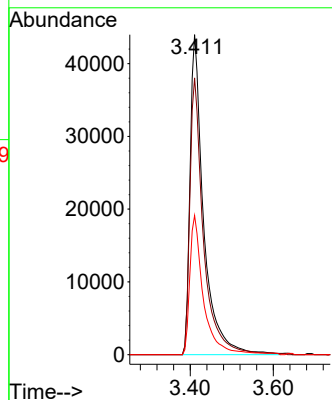
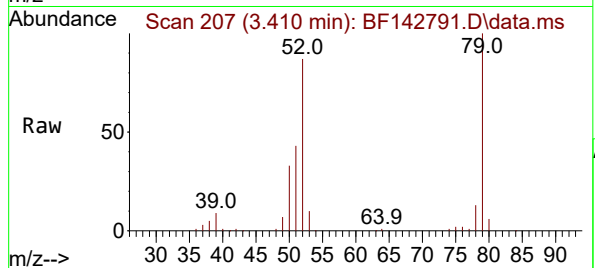




#3
Pyridine
Concen: 20.419 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

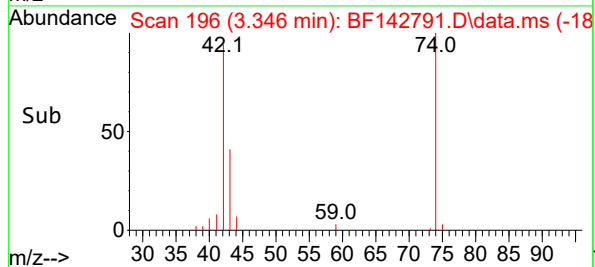
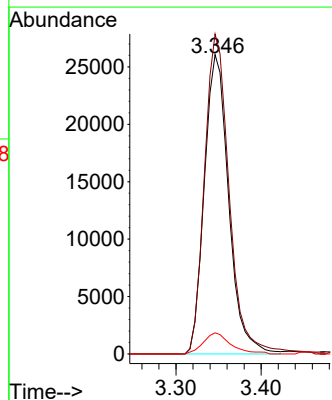
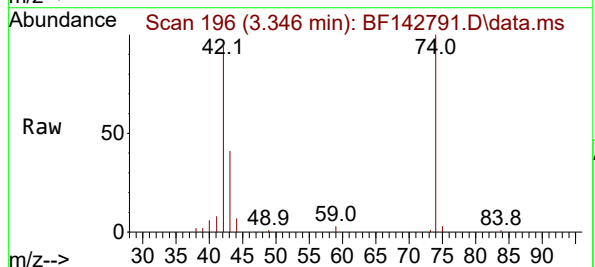
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

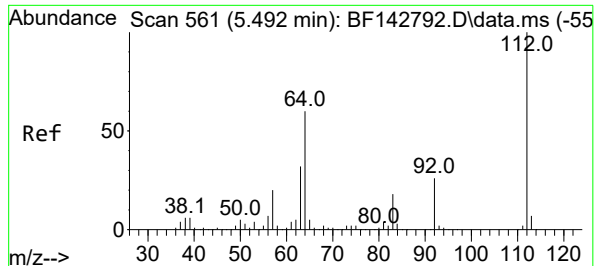
Tgt Ion: 79 Resp: 99721
Ion Ratio Lower Upper
79 100
52 86.5 69.2 103.8
51 43.5 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 20.677 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion: 42 Resp: 51716
Ion Ratio Lower Upper
42 100
74 106.9 90.9 136.3
44 7.1 5.8 8.6





#5

2-Fluorophenol

Concen: 41.963 ng

RT: 5.493 min Scan# 50

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

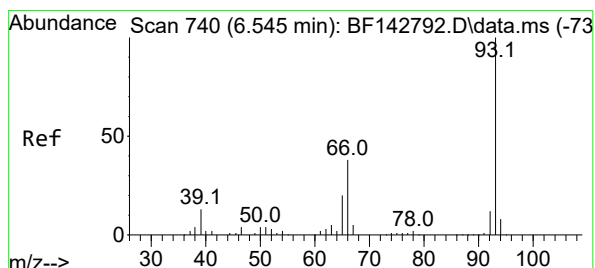
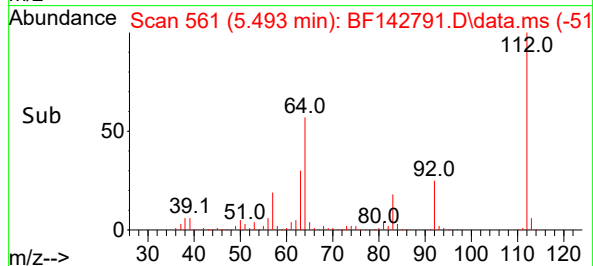
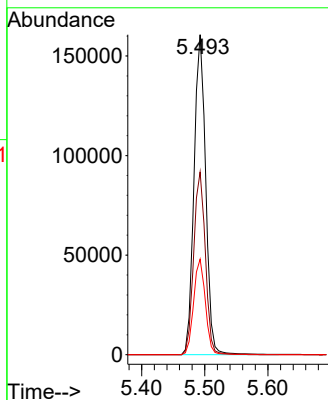
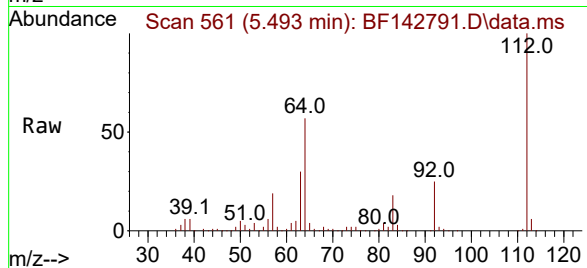
Tgt Ion:112 Resp: 206126

Ion Ratio Lower Upper

112 100

64 57.1 48.2 72.2

63 29.9 25.7 38.5



#6

Aniline

Concen: 20.499 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

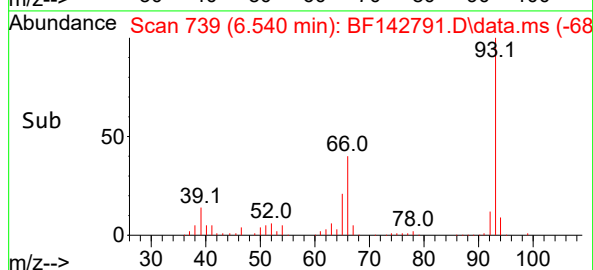
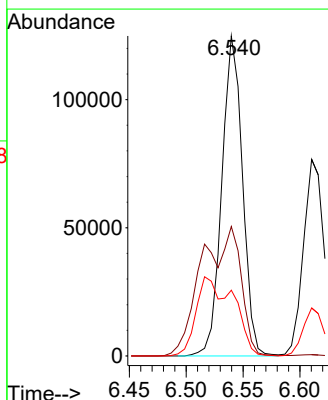
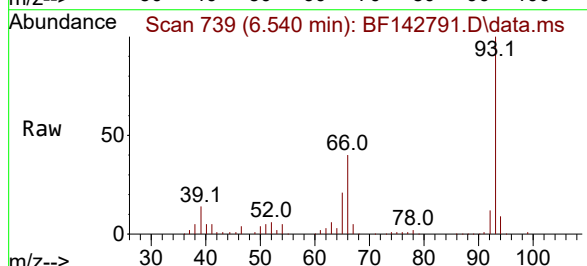
Tgt Ion: 93 Resp: 158463

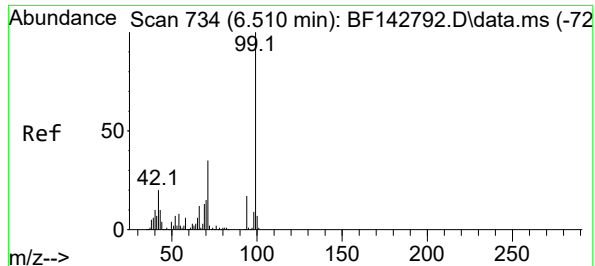
Ion Ratio Lower Upper

93 100

66 40.4 31.8 47.6

65 20.6 16.2 24.2





#7

Phenol-d6

Concen: 41.338 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

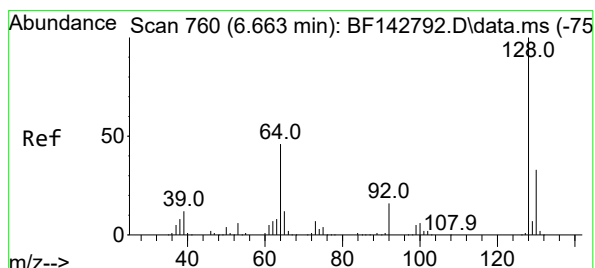
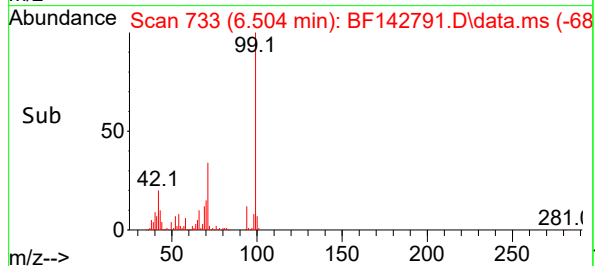
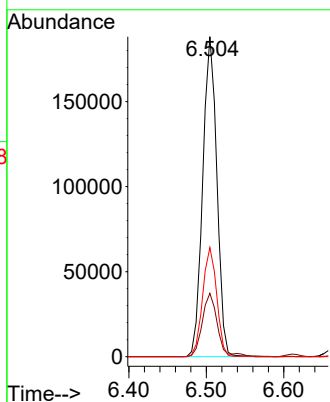
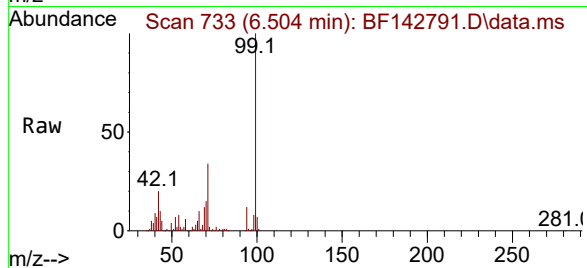
Tgt Ion: 99 Resp: 238437

Ion Ratio Lower Upper

99 100

42 19.8 15.9 23.9

71 34.1 27.8 41.8



#8

2-Chlorophenol

Concen: 20.235 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

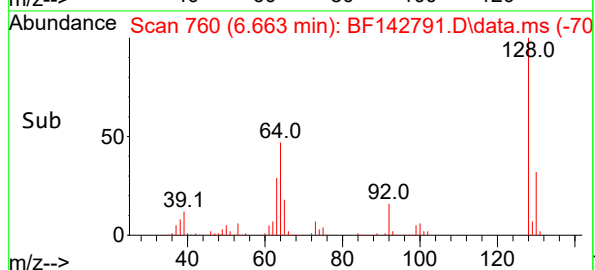
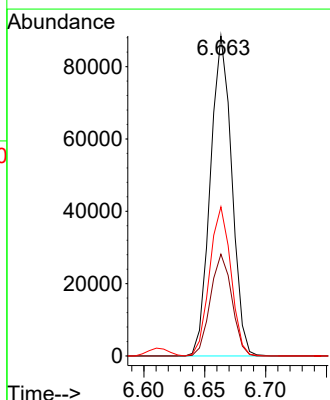
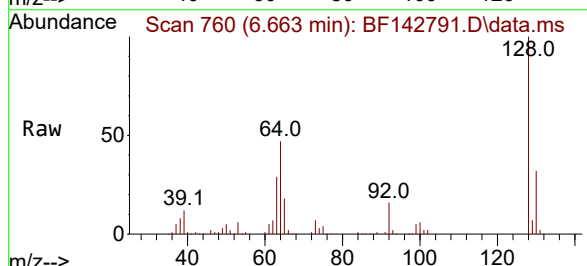
Tgt Ion:128 Resp: 108230

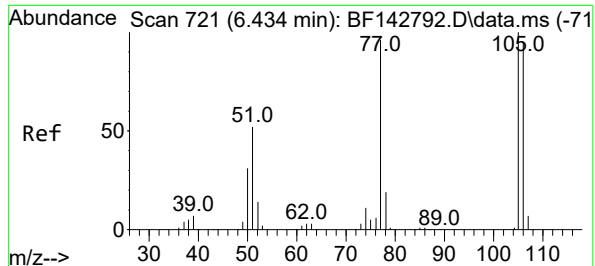
Ion Ratio Lower Upper

128 100

130 31.8 12.7 52.7

64 46.6 26.5 66.5





#9

Benzaldehyde

Concen: 22.467 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

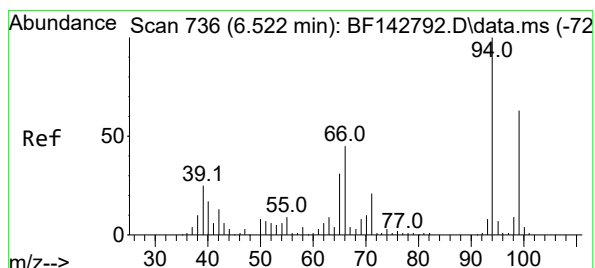
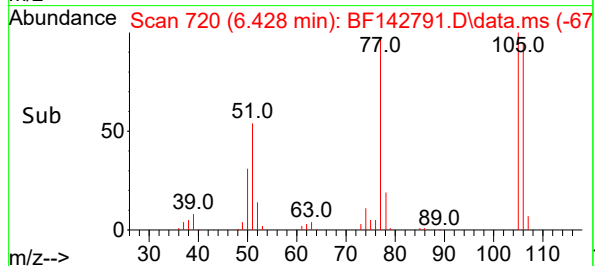
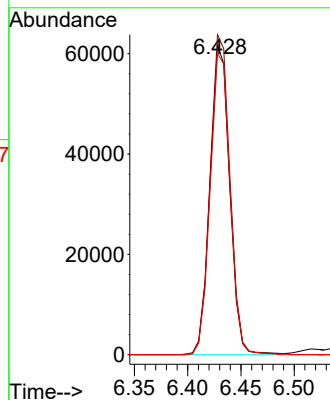
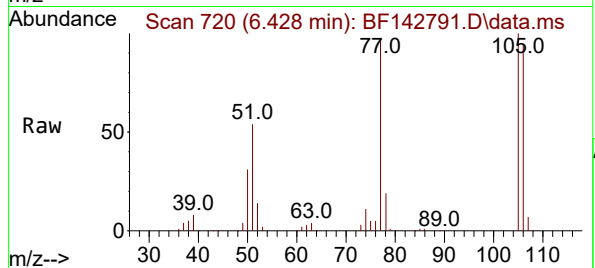
Tgt Ion: 77 Resp: 79008

Ion Ratio Lower Upper

77 100

105 103.4 83.8 123.8

106 97.4 78.7 118.7



#10

Phenol

Concen: 20.730 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

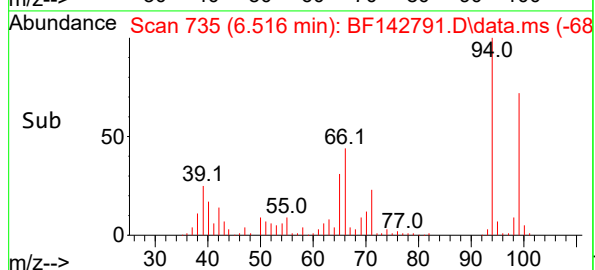
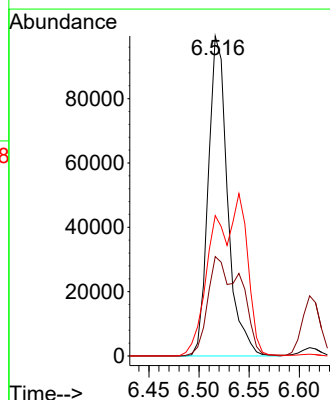
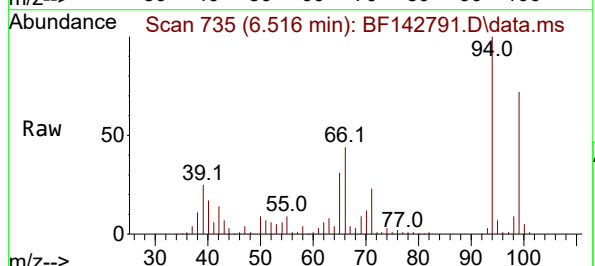
Tgt Ion: 94 Resp: 133318

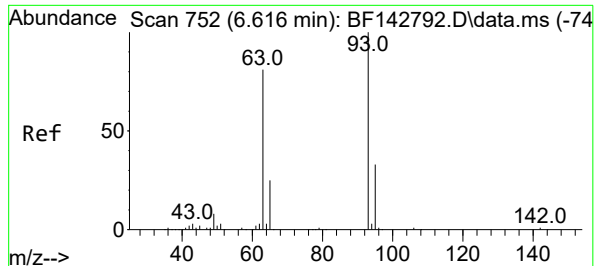
Ion Ratio Lower Upper

94 100

65 31.0 11.3 51.3

66 43.8 24.9 64.9

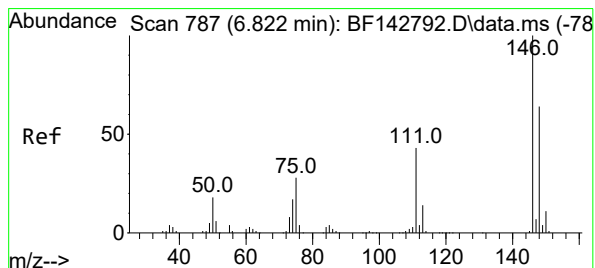
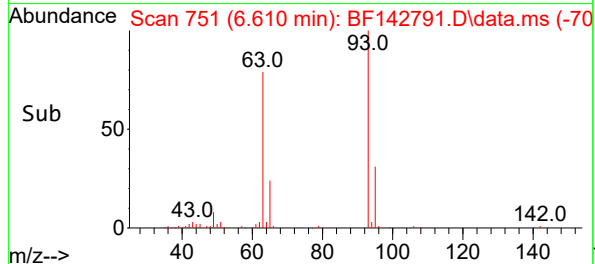
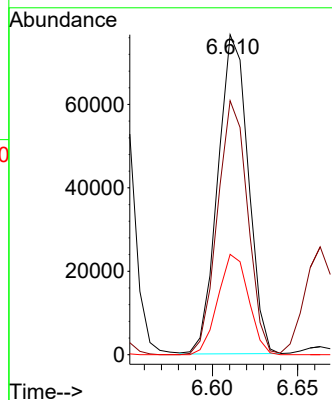
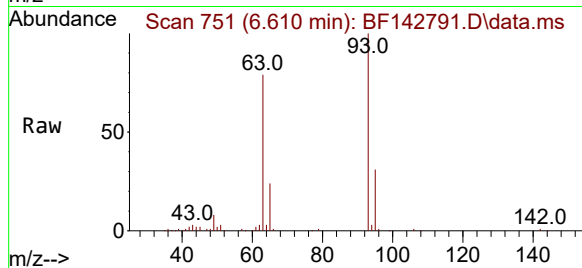




#11
bis(2-Chloroethyl)ether
Concen: 19.905 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

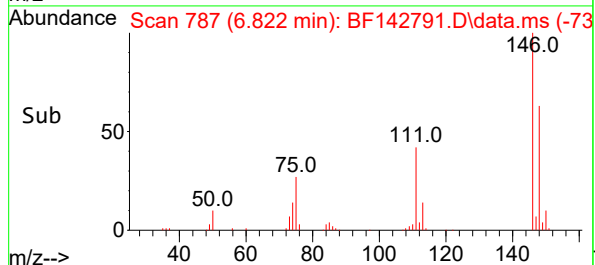
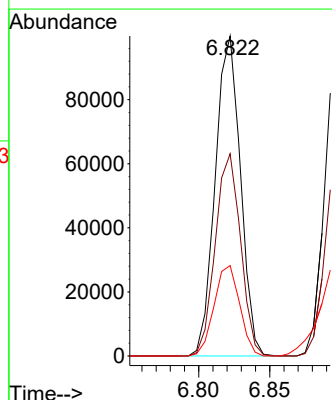
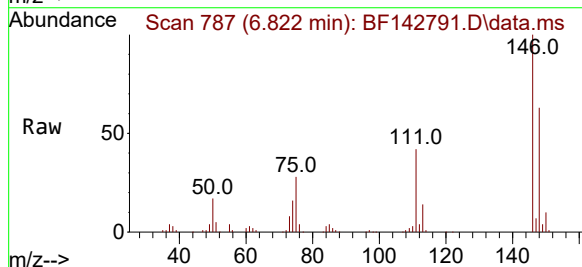
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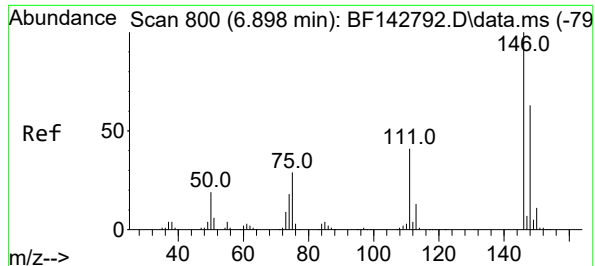
Tgt Ion: 93 Resp: 94972
Ion Ratio Lower Upper
93 100
63 79.3 60.3 100.3
95 31.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 20.218 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion: 146 Resp: 123139
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
75 28.2 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 19.980 ng

RT: 6.899 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

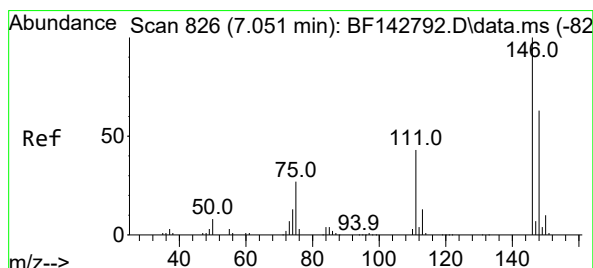
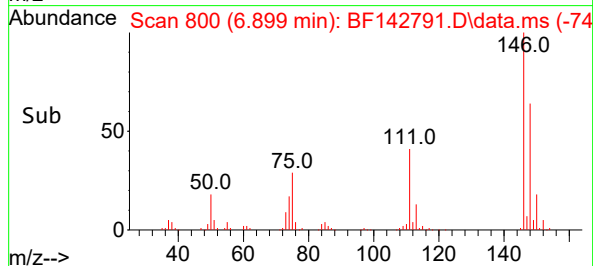
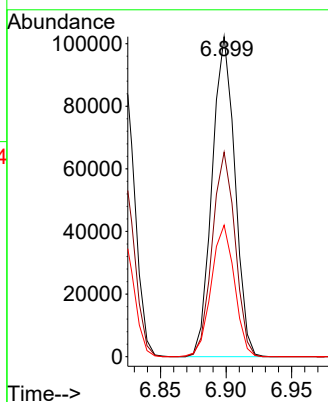
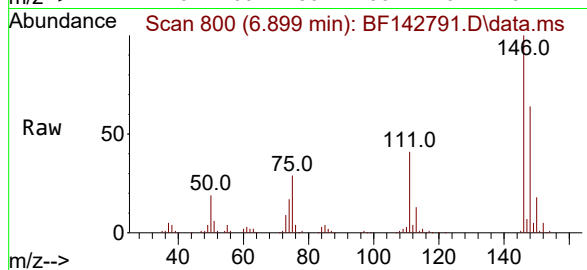
Tgt Ion:146 Resp: 123337

Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

111 41.1 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 20.001 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

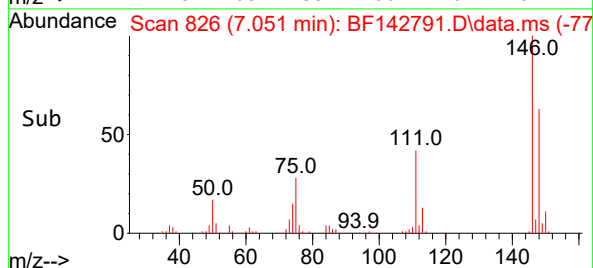
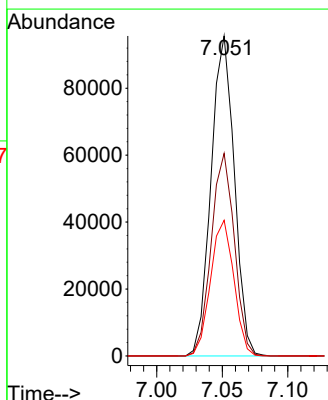
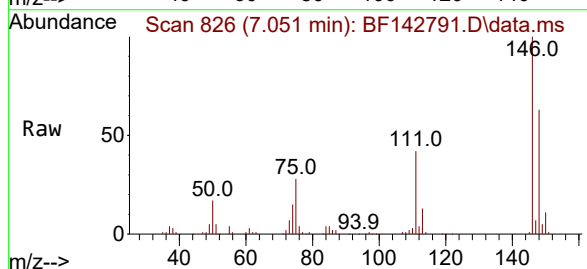
Tgt Ion:146 Resp: 118033

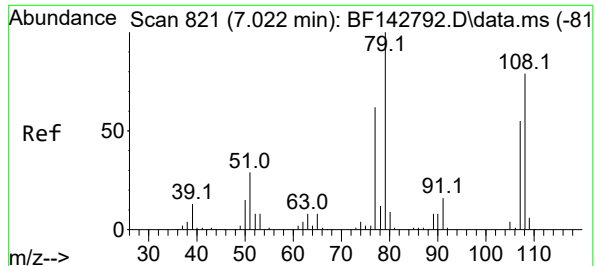
Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

111 42.4 34.1 51.1





#15

Benzyl Alcohol

Concen: 19.885 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

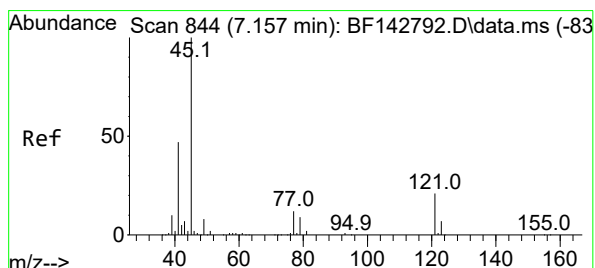
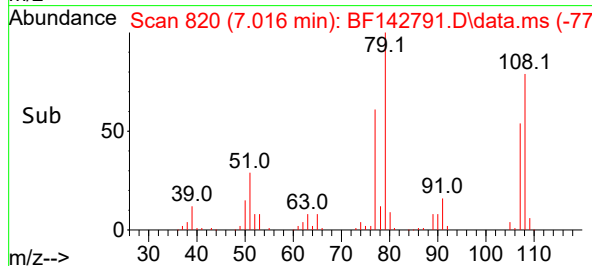
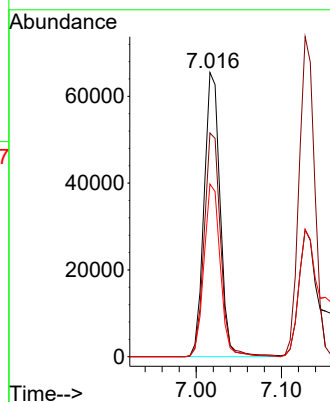
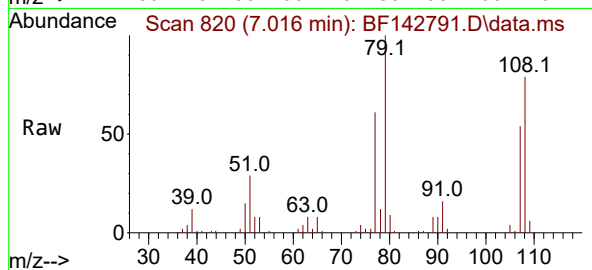
Tgt Ion: 79 Resp: 85856

Ion Ratio Lower Upper

79 100

108 78.7 63.4 95.0

77 60.8 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.224 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

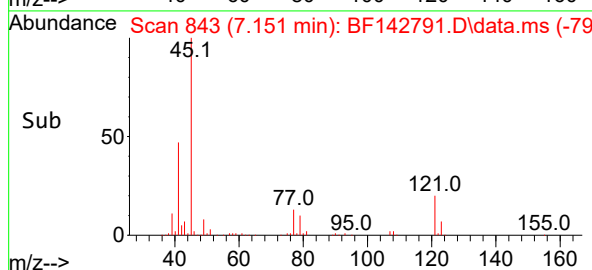
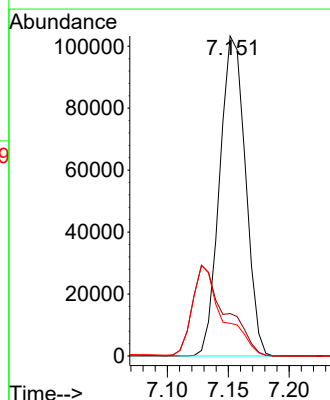
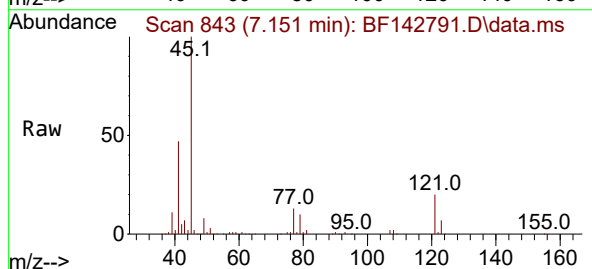
Tgt Ion: 45 Resp: 152035

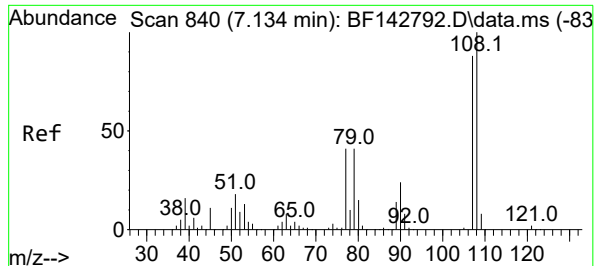
Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.8

79 10.2 0.0 29.8





#17

2-Methylphenol

Concen: 20.077 ng

RT: 7.128 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 82097

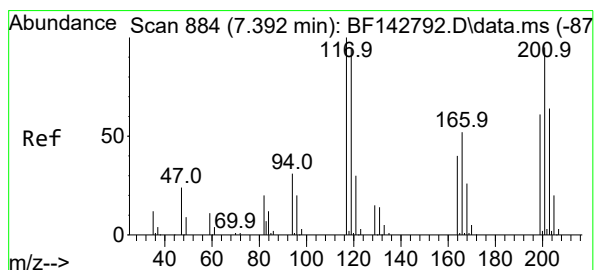
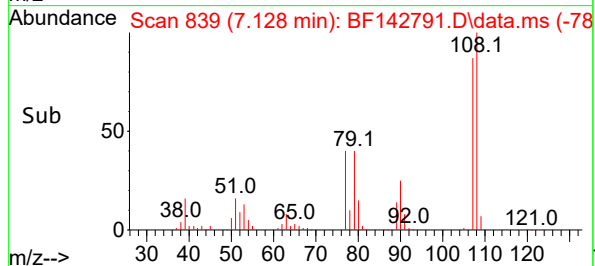
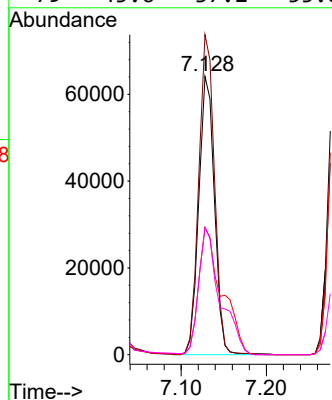
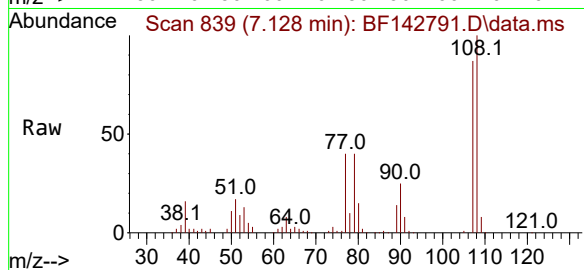
Ion Ratio Lower Upper

107 100

108 115.0 90.9 136.3

77 45.7 37.3 55.9

79 45.6 37.2 55.8



#18

Hexachloroethane

Concen: 19.229 ng

RT: 7.393 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

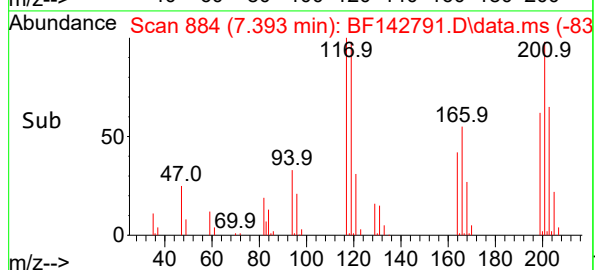
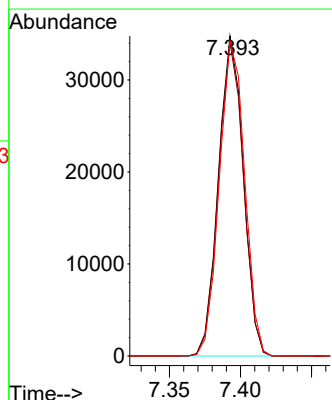
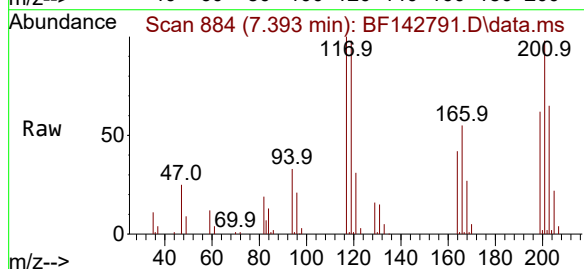
Tgt Ion:117 Resp: 42435

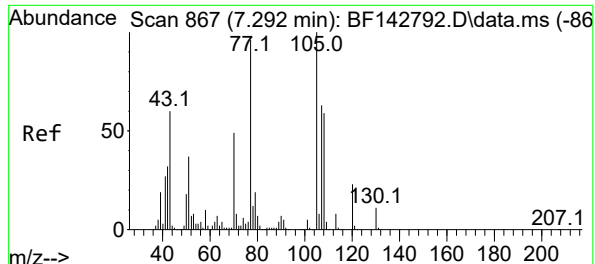
Ion Ratio Lower Upper

117 100

119 97.9 75.4 113.0

201 98.3 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 19.178 ng

RT: 7.287 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 69761

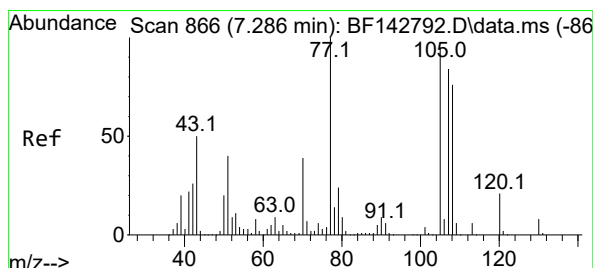
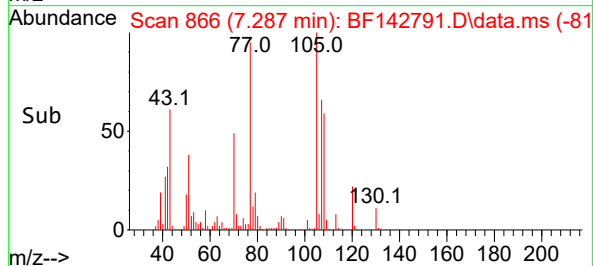
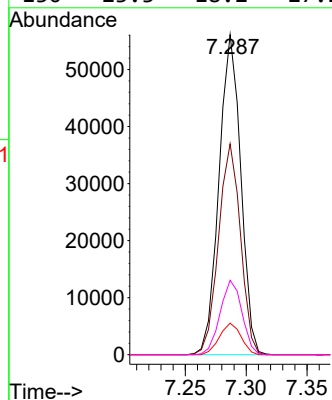
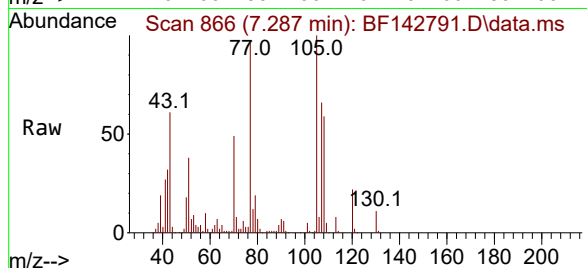
Ion Ratio Lower Upper

70 100

42 65.9 52.1 78.1

101 9.8 8.2 12.2

130 23.3 18.2 27.2



#20

3+4-Methylphenols

Concen: 20.547 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Tgt Ion:107 Resp: 105750

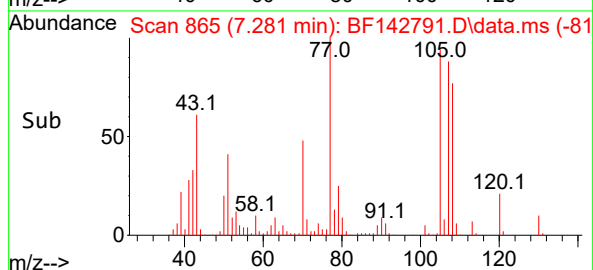
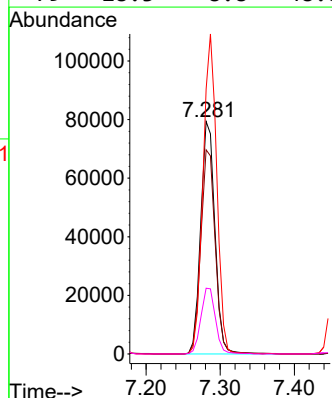
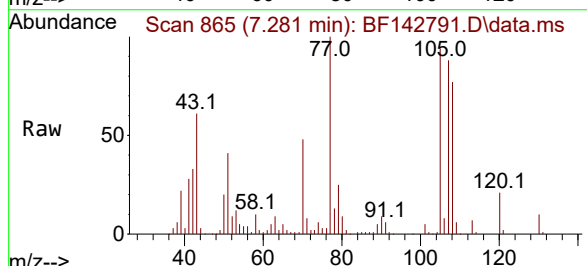
Ion Ratio Lower Upper

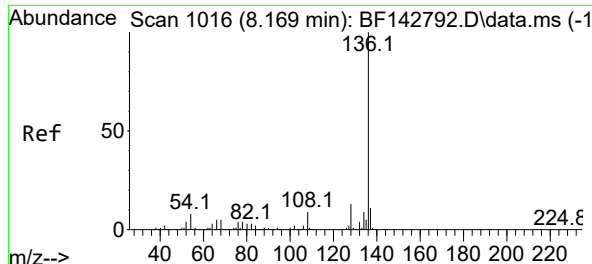
107 100

108 87.9 70.0 110.0

77 113.9 98.5 138.5

79 28.3 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 312367

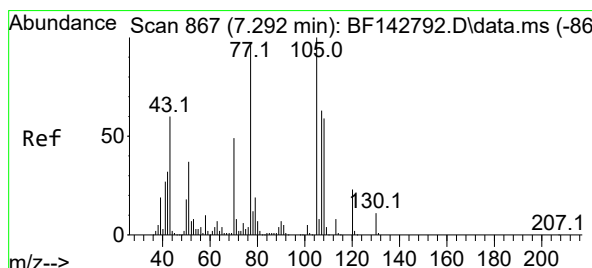
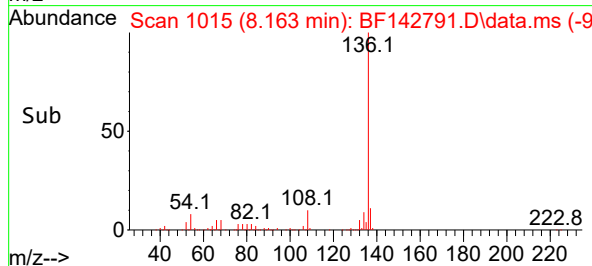
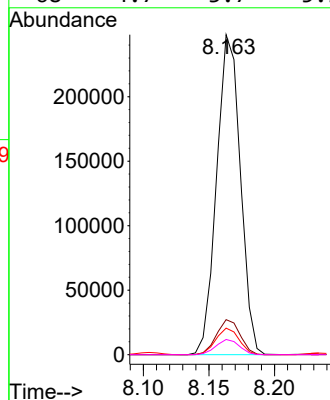
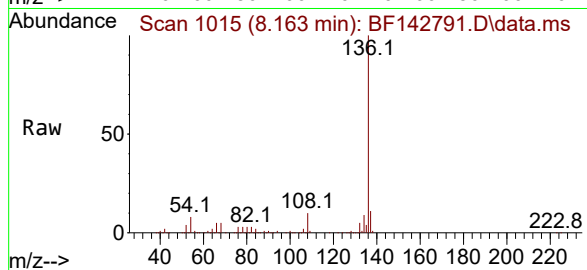
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.3 6.3 9.5

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 20.730 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Tgt Ion:105 Resp: 143274

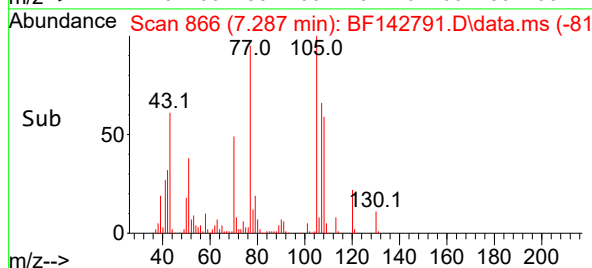
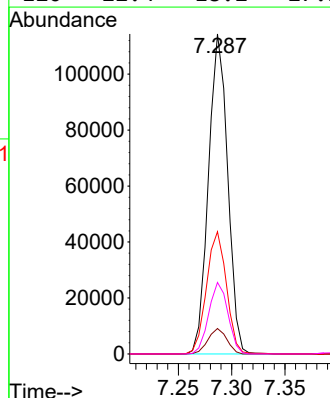
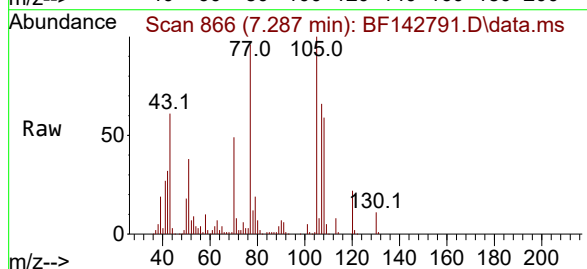
Ion Ratio Lower Upper

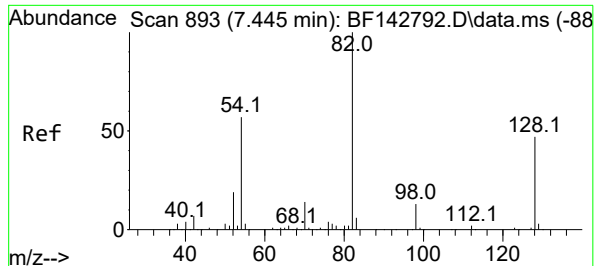
105 100

71 8.0 6.5 9.7

51 38.2 29.8 44.8

120 22.4 18.2 27.2





#23

Nitrobenzene-d5

Concen: 40.933 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

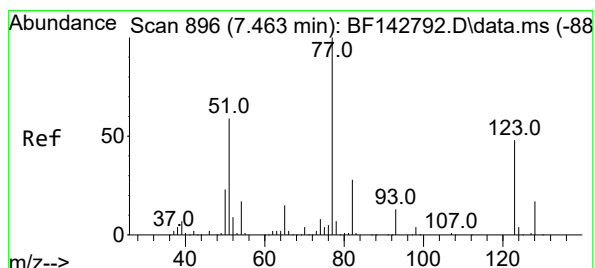
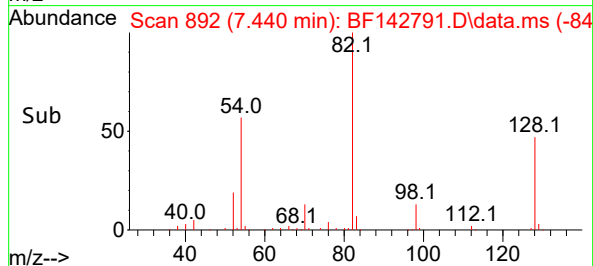
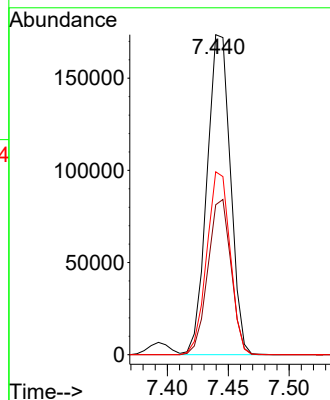
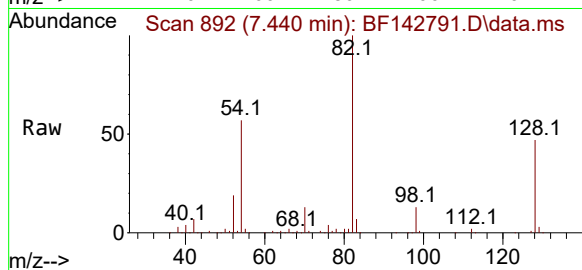
Tgt Ion: 82 Resp: 233268

Ion Ratio Lower Upper

82 100

128 46.8 37.7 56.5

54 57.1 45.7 68.5



#24

Nitrobenzene

Concen: 20.450 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

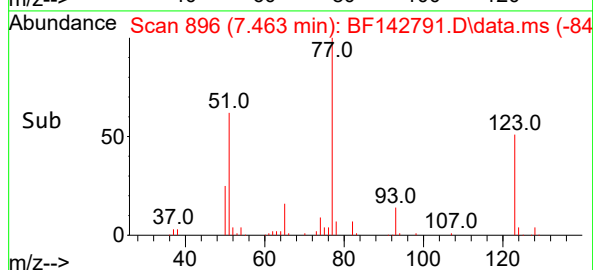
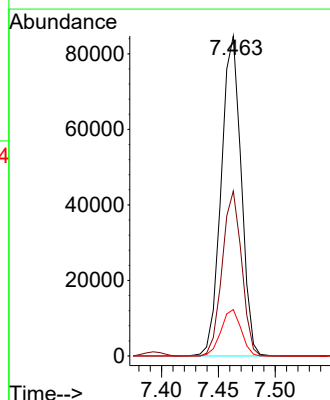
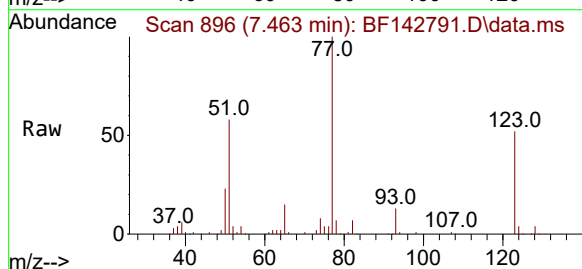
Tgt Ion: 77 Resp: 103569

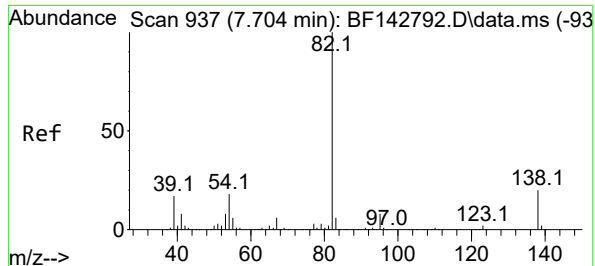
Ion Ratio Lower Upper

77 100

123 51.6 39.2 58.8

65 14.5 11.6 17.4





#25

Isophorone

Concen: 19.365 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

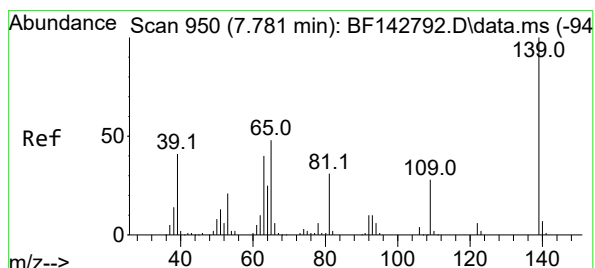
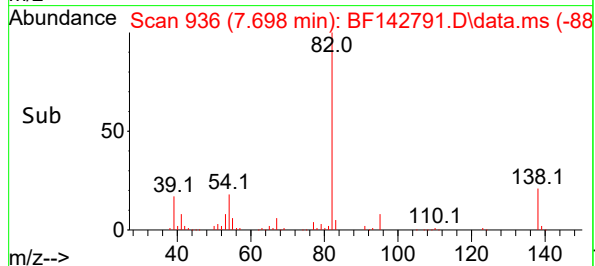
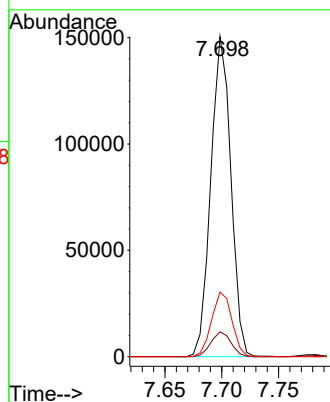
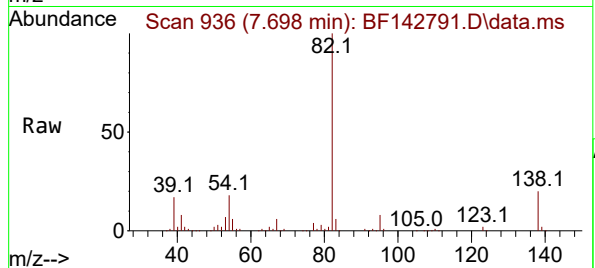
Tgt Ion: 82 Resp: 185071

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

138 20.2 16.2 24.4



#26

2-Nitrophenol

Concen: 20.191 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

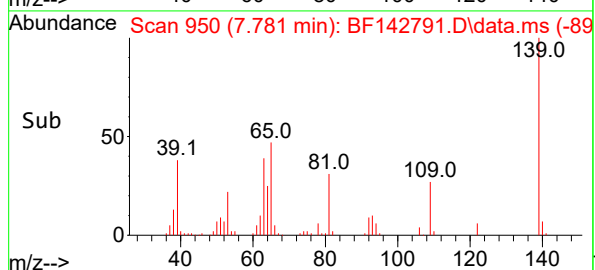
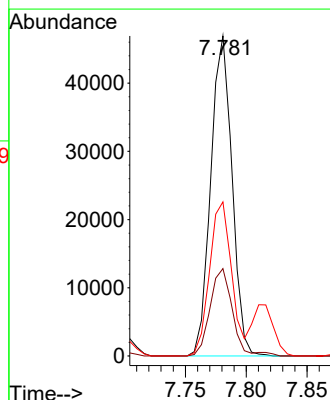
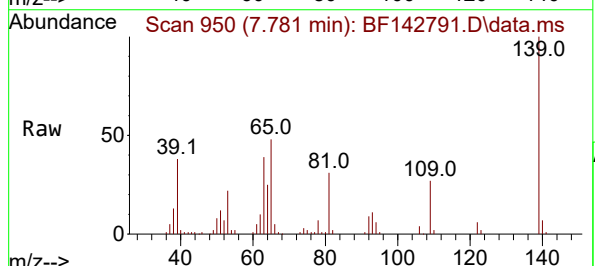
Tgt Ion:139 Resp: 56979

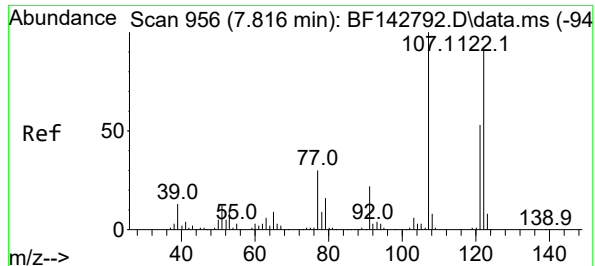
Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

65 48.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 20.659 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

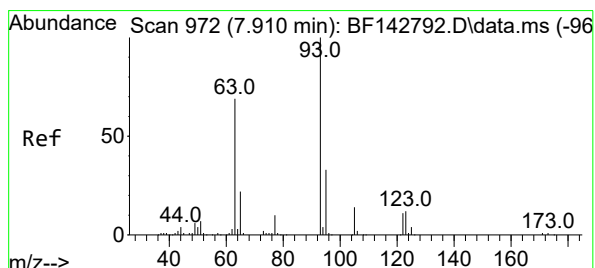
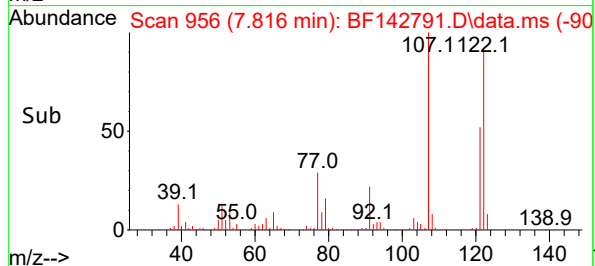
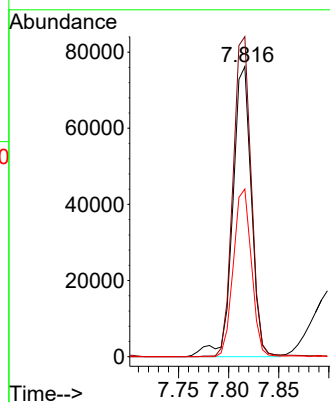
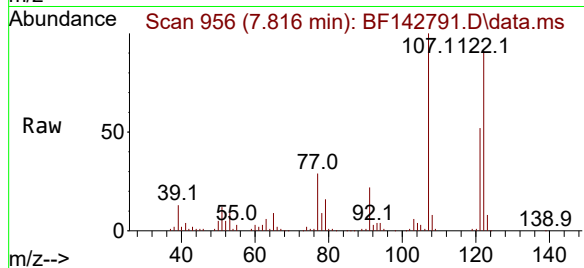
Tgt Ion:122 Resp: 99256

Ion Ratio Lower Upper

122 100

107 110.3 88.0 132.0

121 57.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 20.087 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

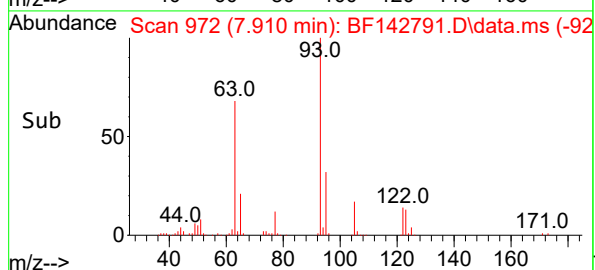
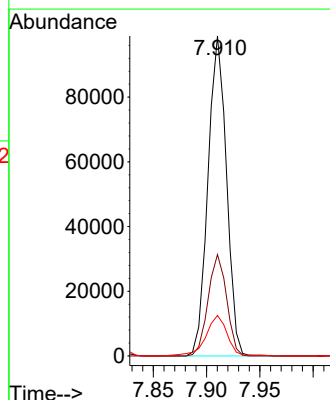
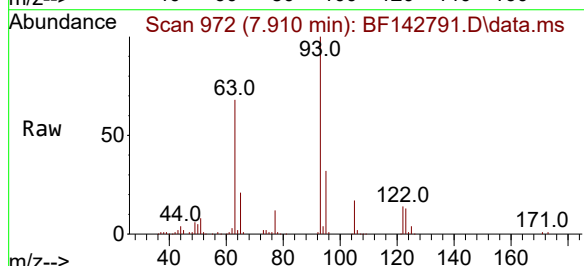
Tgt Ion: 93 Resp: 119505

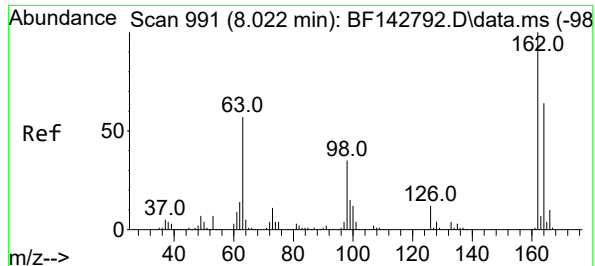
Ion Ratio Lower Upper

93 100

95 31.7 26.2 39.2

123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 20.437 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

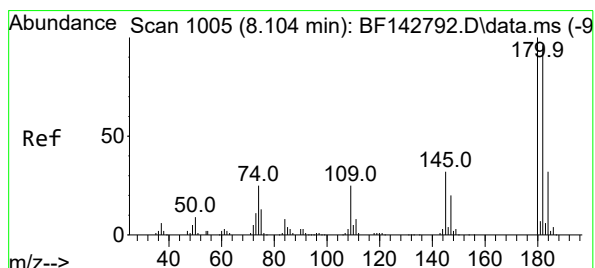
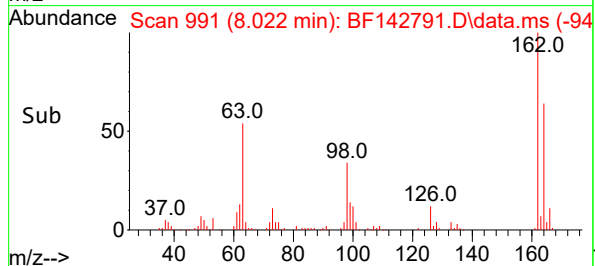
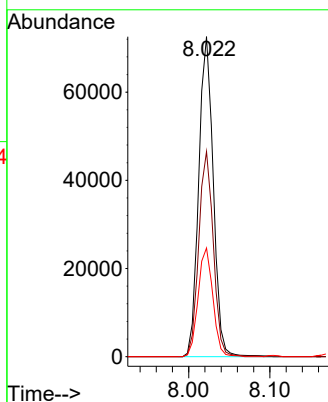
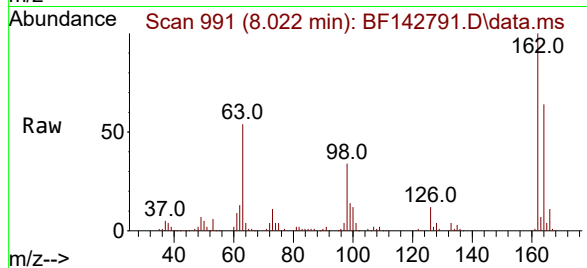
Tgt Ion:162 Resp: 90497

Ion Ratio Lower Upper

162 100

164 64.1 44.0 84.0

98 33.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 20.304 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

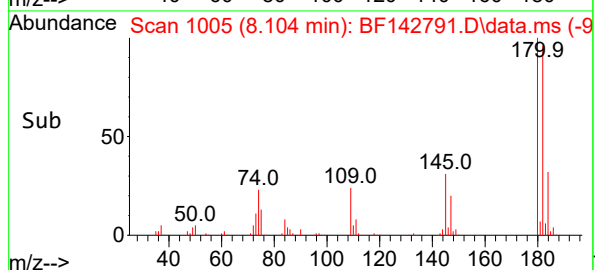
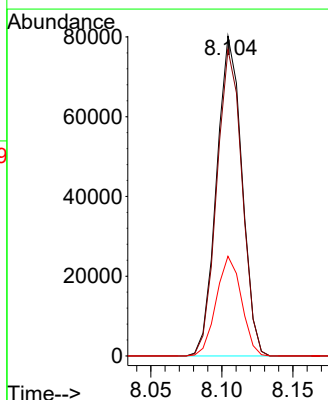
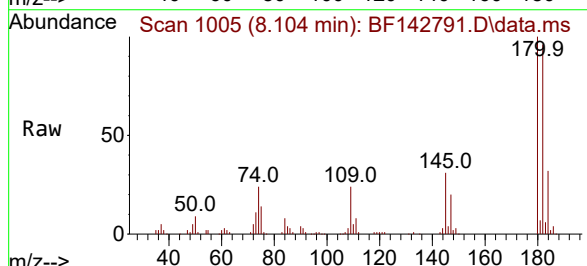
Tgt Ion:180 Resp: 99320

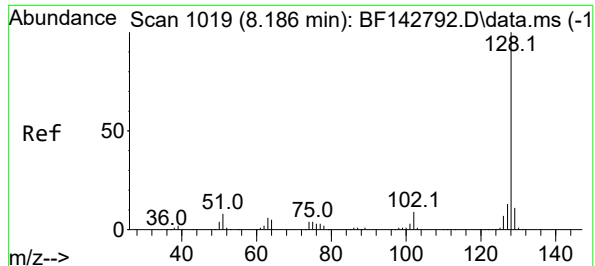
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

145 31.2 25.8 38.8





#31

Naphthalene

Concen: 20.405 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

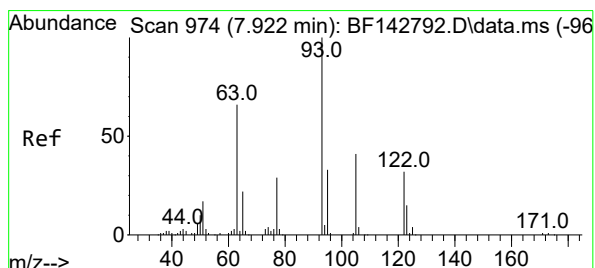
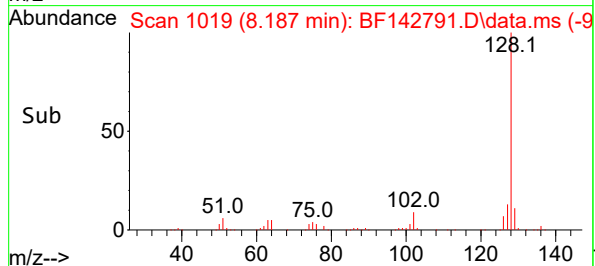
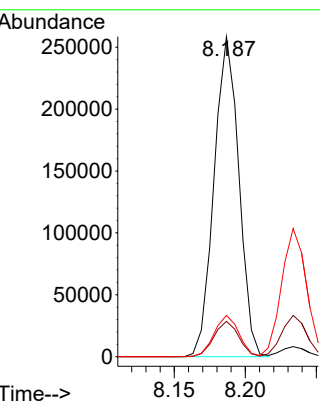
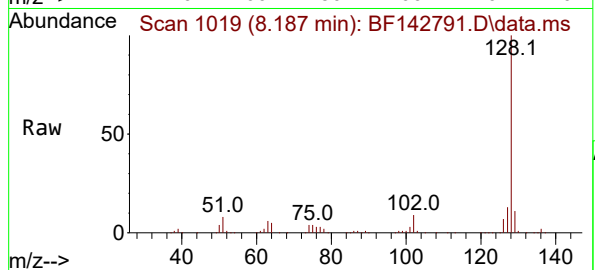
Tgt Ion:128 Resp: 313467

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 12.9 10.4 15.6



#32

Benzoic acid

Concen: 17.245 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.023 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

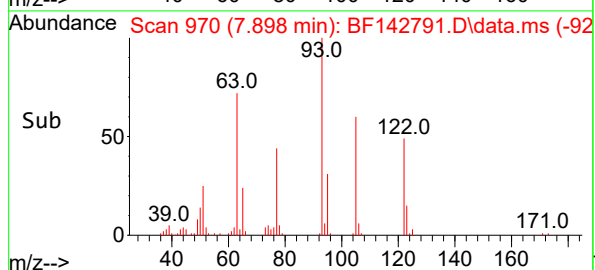
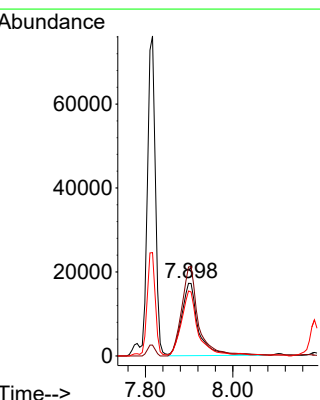
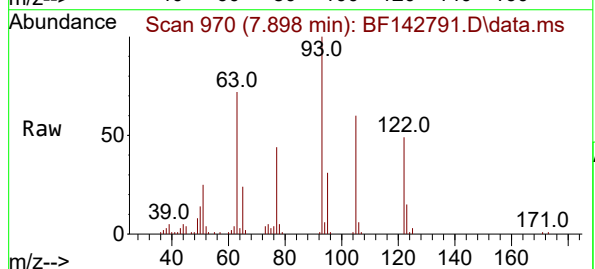
Tgt Ion:122 Resp: 45969

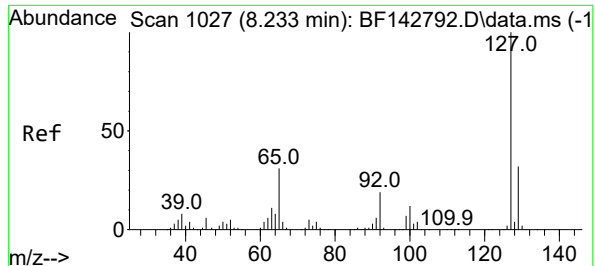
Ion Ratio Lower Upper

122 100

105 122.5 104.7 144.7

77 89.4 70.2 110.2





#33

4-Chloroaniline

Concen: 20.729 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 127623

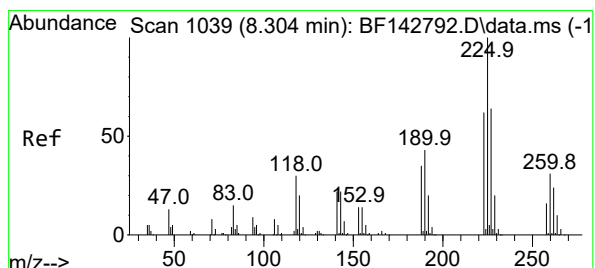
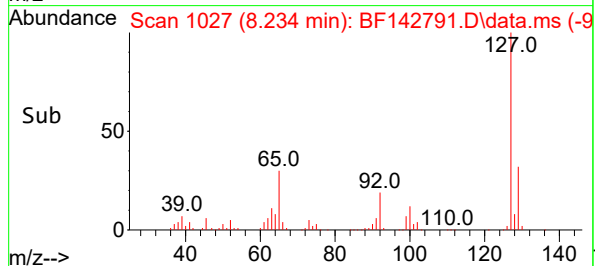
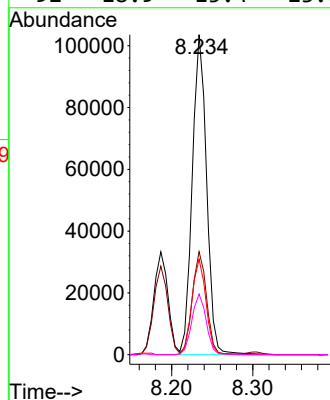
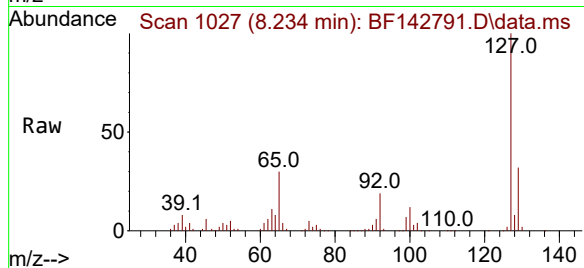
Ion Ratio Lower Upper

127 100

129 32.2 25.9 38.9

65 29.8 24.6 36.8

92 18.9 15.4 23.0



#34

Hexachlorobutadiene

Concen: 20.001 ng

RT: 8.304 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

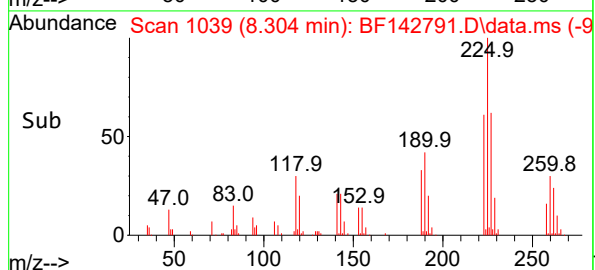
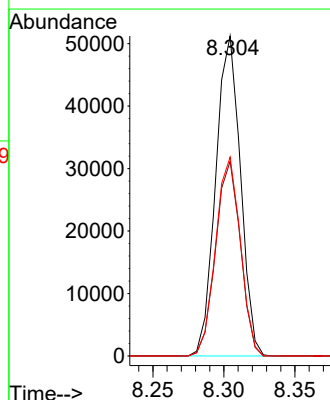
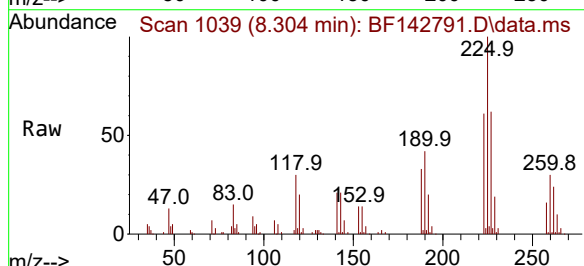
Tgt Ion:225 Resp: 61994

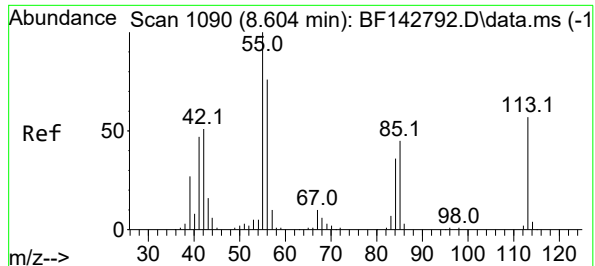
Ion Ratio Lower Upper

225 100

223 60.8 49.9 74.9

227 62.2 51.4 77.0

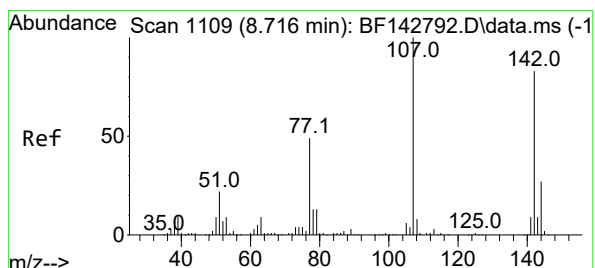
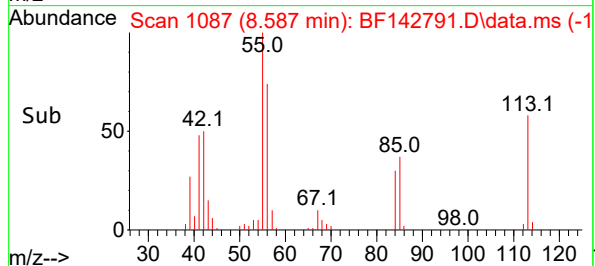
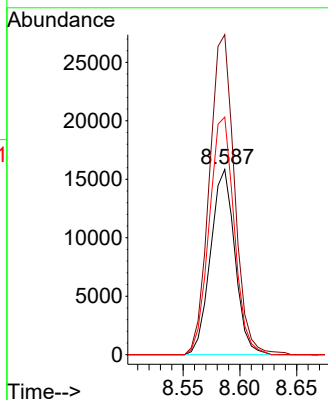
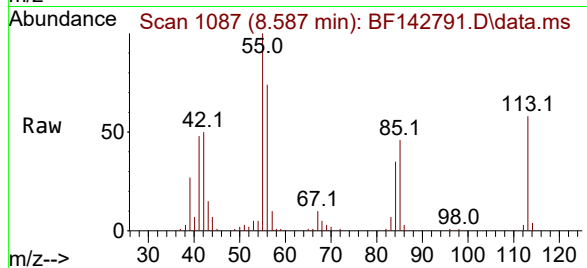




#35
Caprolactam
Concen: 19.769 ng
RT: 8.587 min Scan# 1090
Delta R.T. -0.017 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

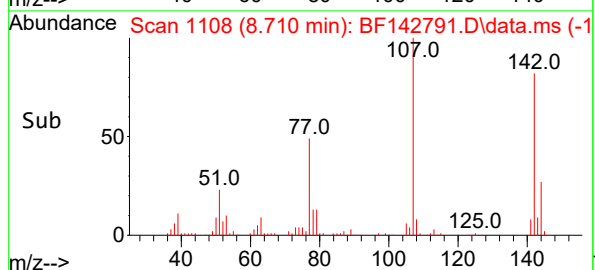
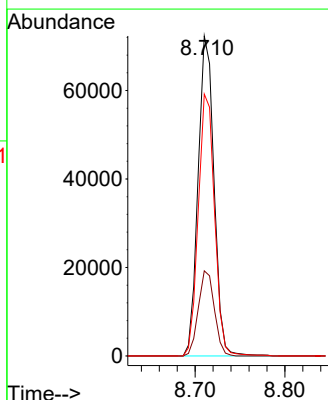
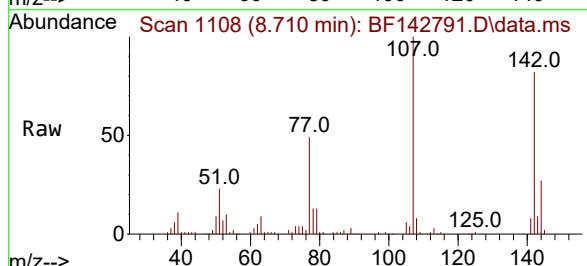
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

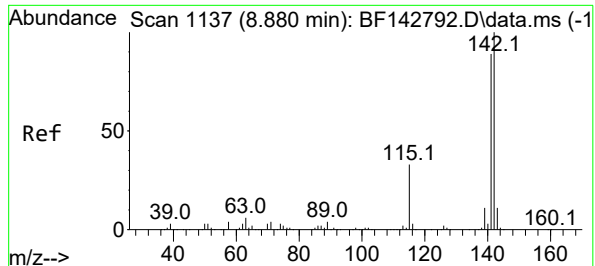
Tgt Ion:113 Resp: 23555
Ion Ratio Lower Upper
113 100
55 172.7 154.4 194.4
56 128.3 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 19.518 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:107 Resp: 89279
Ion Ratio Lower Upper
107 100
144 26.6 21.3 31.9
142 81.8 66.6 100.0

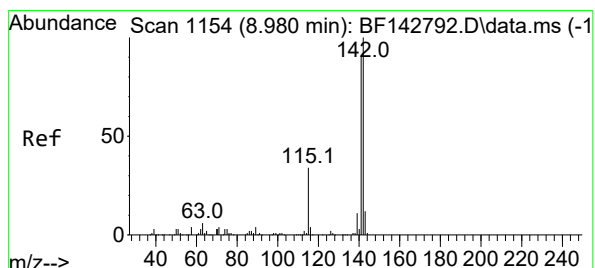
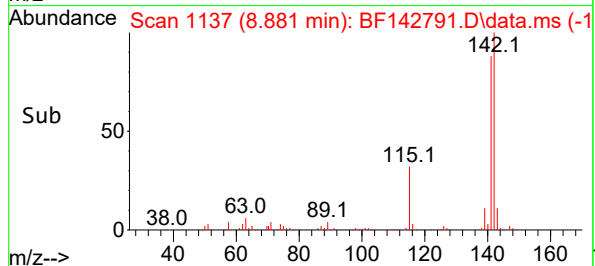
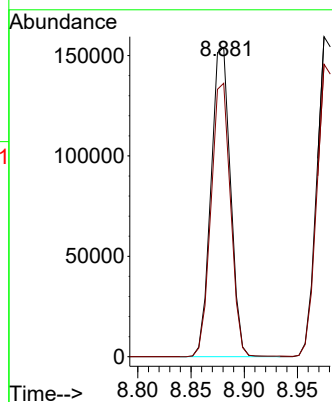
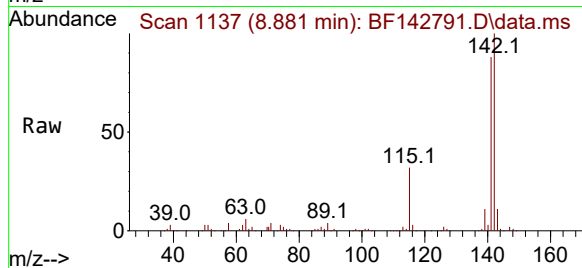




#37
2-Methylnaphthalene
Concen: 20.287 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

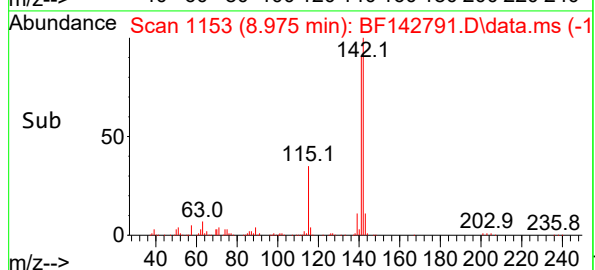
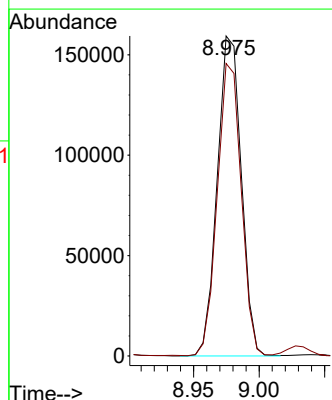
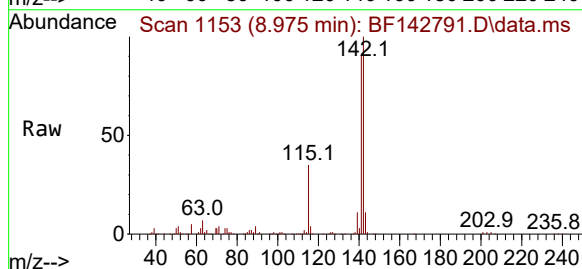
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

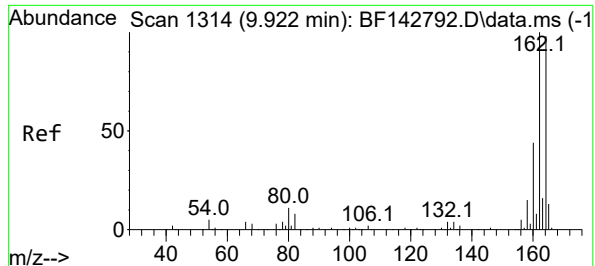
Tgt Ion:142 Resp: 196609
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#38
1-Methylnaphthalene
Concen: 20.165 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:142 Resp: 202898
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

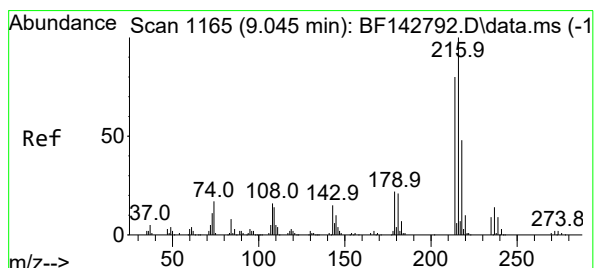
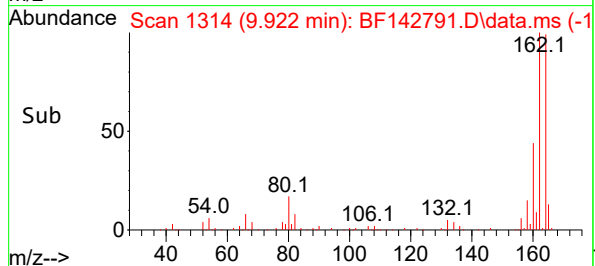
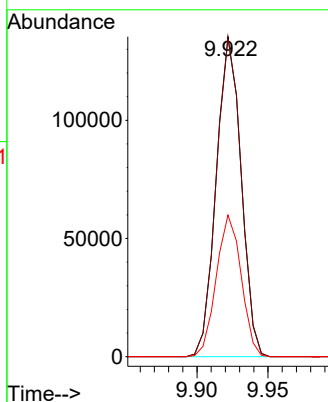
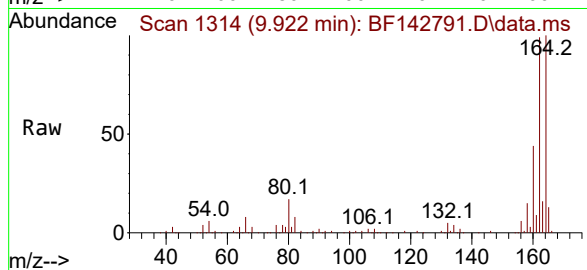
Tgt Ion:164 Resp: 164603

Ion Ratio Lower Upper

164 100

162 99.4 81.8 122.8

160 44.2 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.857 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Tgt Ion:216 Resp: 99104

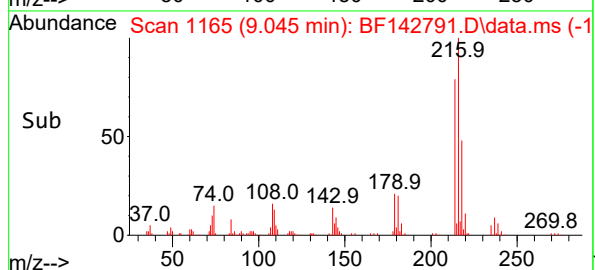
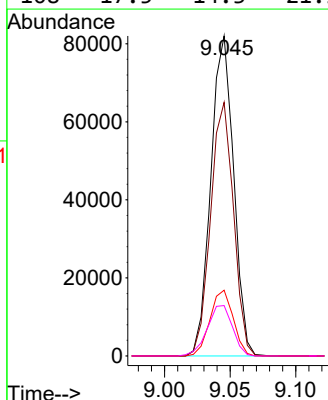
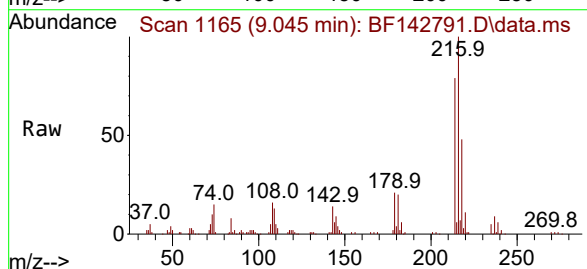
Ion Ratio Lower Upper

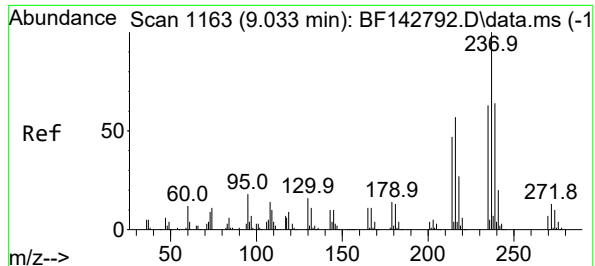
216 100

214 79.4 63.7 95.5

179 20.9 17.6 26.4

108 17.5 14.3 21.5

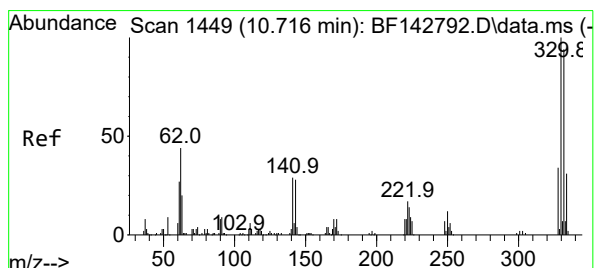
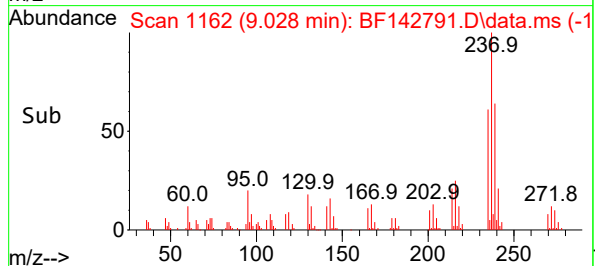
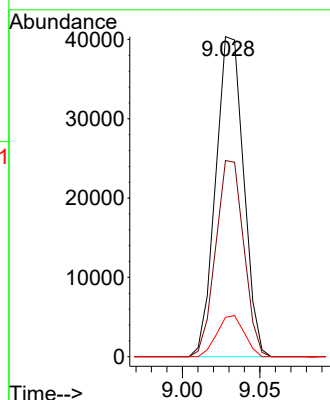
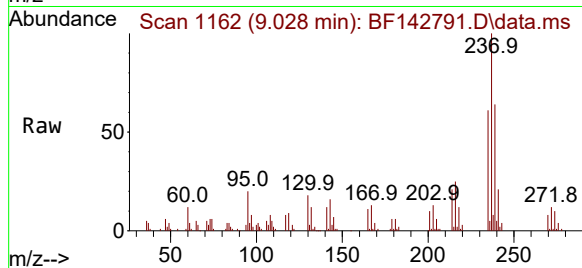




#41
Hexachlorocyclopentadiene
Concen: 16.864 ng
RT: 9.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

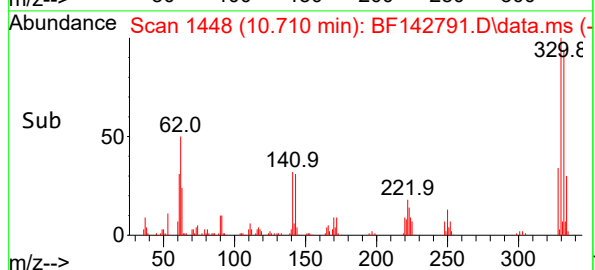
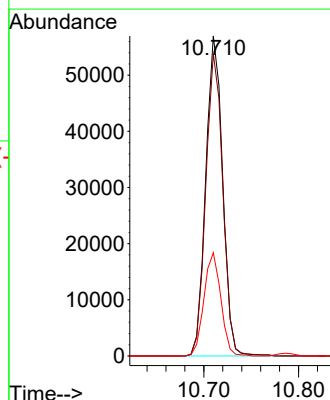
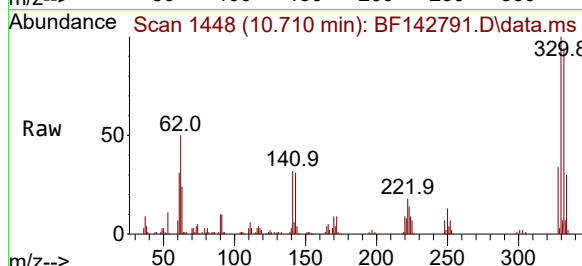
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

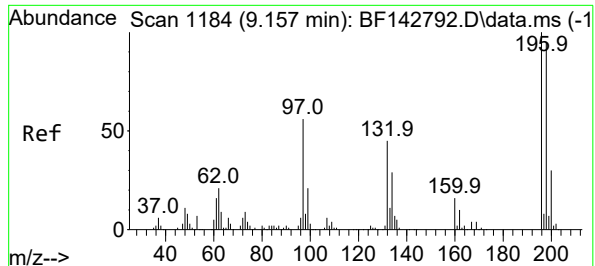
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	43.4	83.4
272	12.3	0.0	32.7



#42
2,4,6-Tribromophenol
Concen: 39.411 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.0	112.6
141	32.1	25.3	37.9





#43

2,4,6-Trichlorophenol

Concen: 21.069 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142791.D

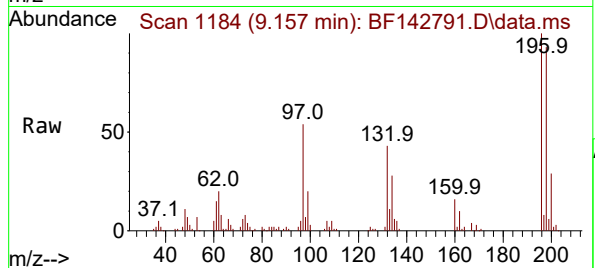
Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



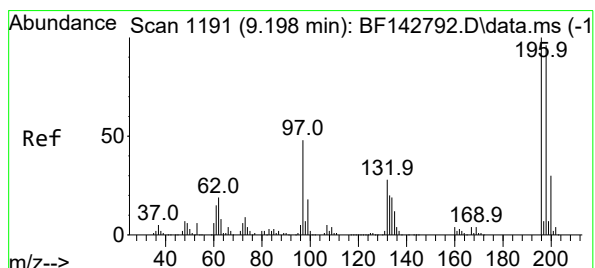
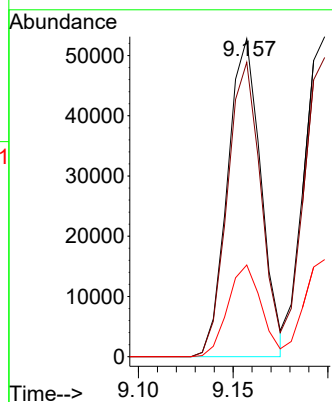
Tgt Ion:196 Resp: 64786

Ion Ratio Lower Upper

196 100

198 92.6 76.2 114.2

200 28.9 24.1 36.1



#44

2,4,5-Trichlorophenol

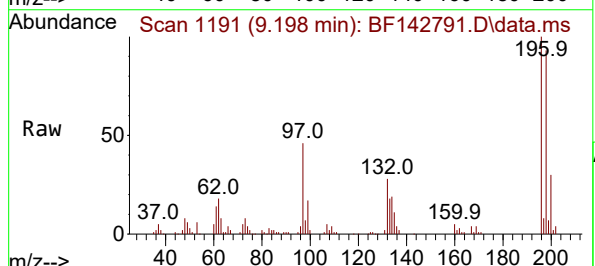
Concen: 20.862 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39



Tgt Ion:196 Resp: 69275

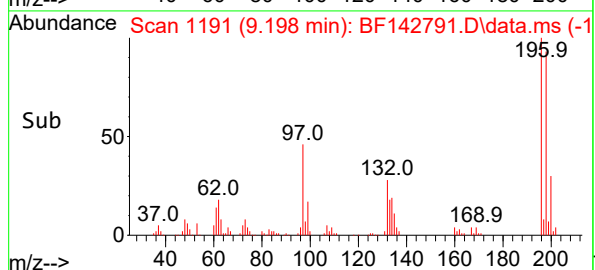
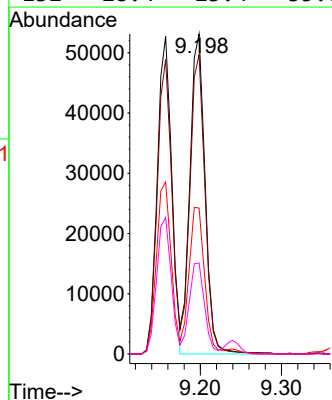
Ion Ratio Lower Upper

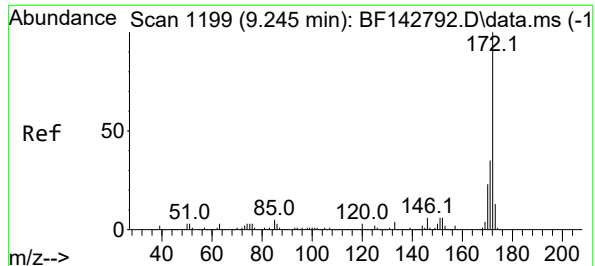
196 100

198 93.5 76.6 115.0

97 45.6 38.2 57.2

132 28.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 42.356 ng

RT: 9.240 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

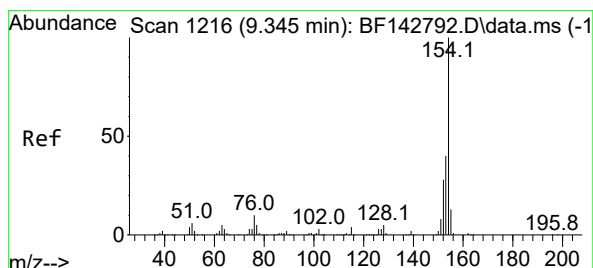
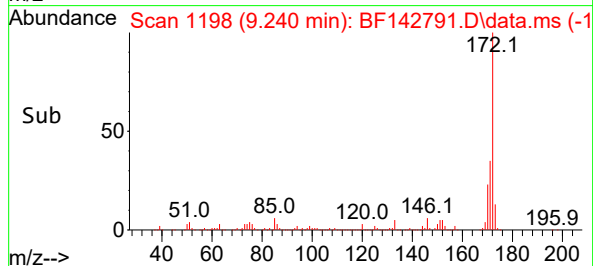
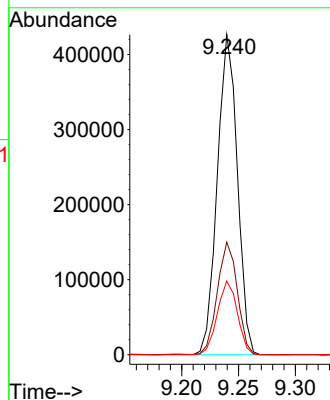
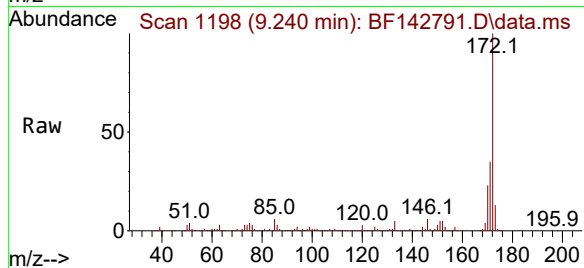
Tgt Ion:172 Resp: 524084

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.0 18.5 27.7



#46

1,1'-Biphenyl

Concen: 21.078 ng

RT: 9.340 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

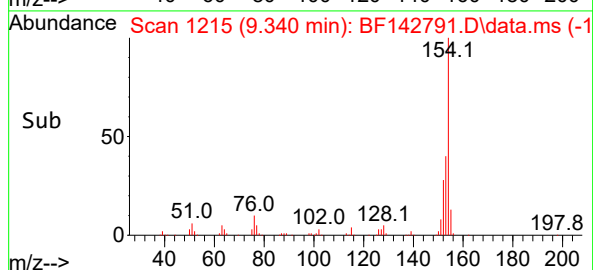
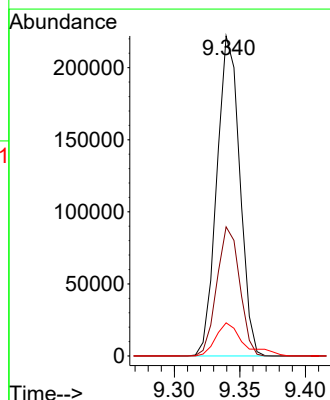
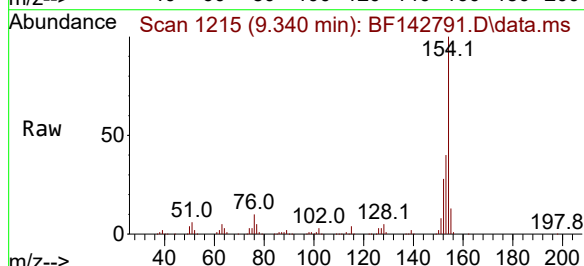
Tgt Ion:154 Resp: 269396

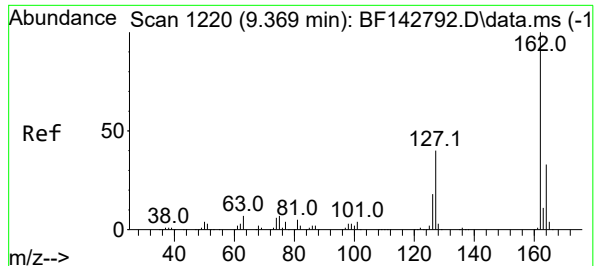
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 10.4 0.0 30.3





#47

2-Chloronaphthalene

Concen: 21.087 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

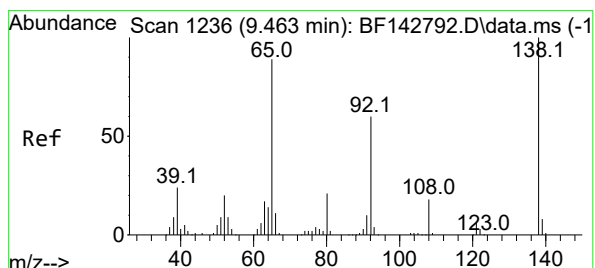
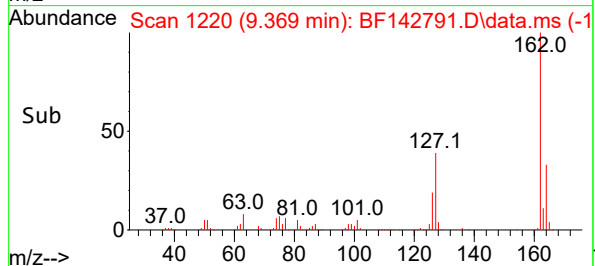
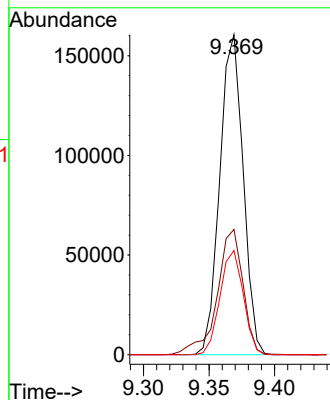
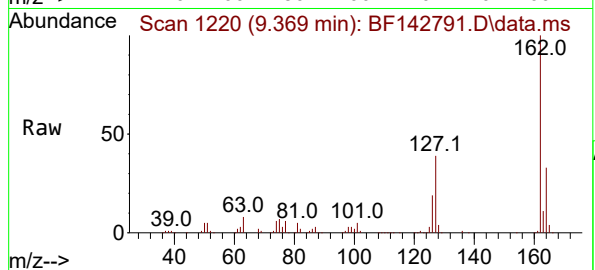
Tgt Ion:162 Resp: 198874

Ion Ratio Lower Upper

162 100

127 39.2 32.2 48.2

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 20.681 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

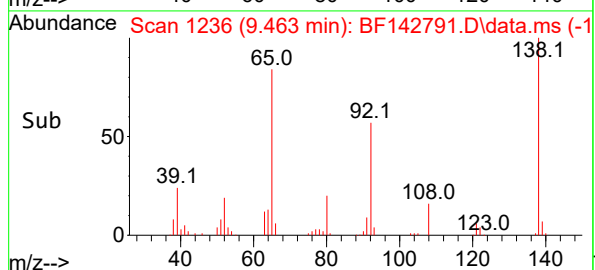
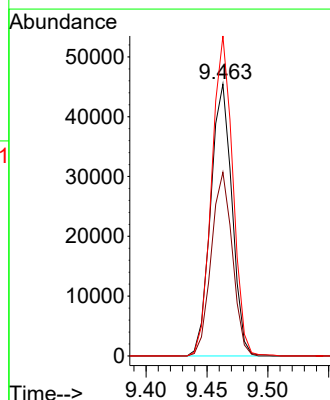
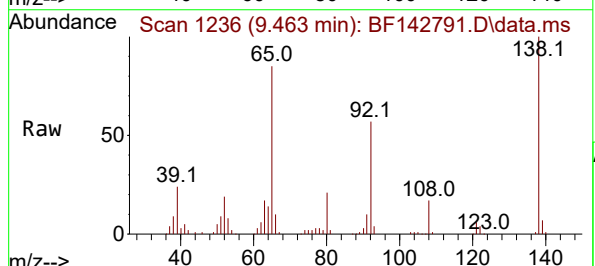
Tgt Ion: 65 Resp: 55412

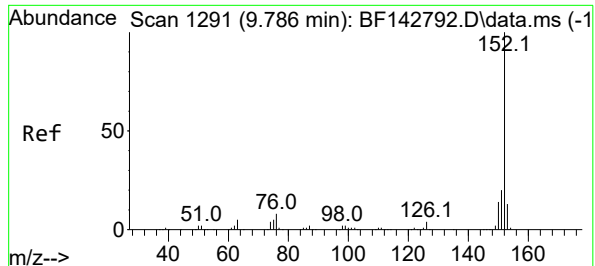
Ion Ratio Lower Upper

65 100

92 67.6 53.8 80.6

138 117.7 89.6 134.4





#49

Acenaphthylene

Concen: 20.878 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

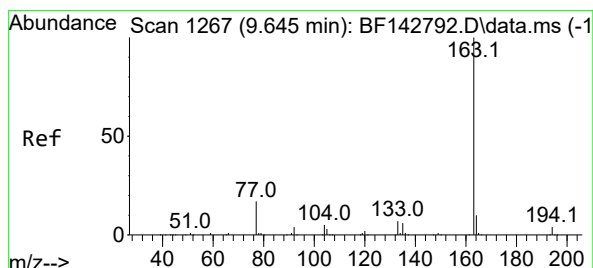
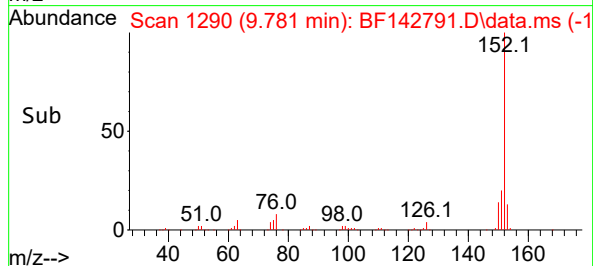
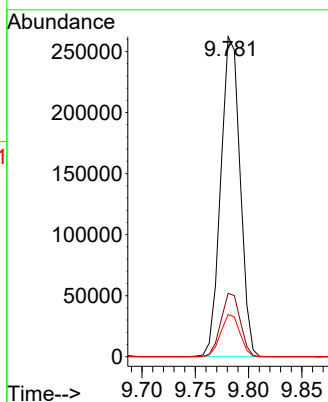
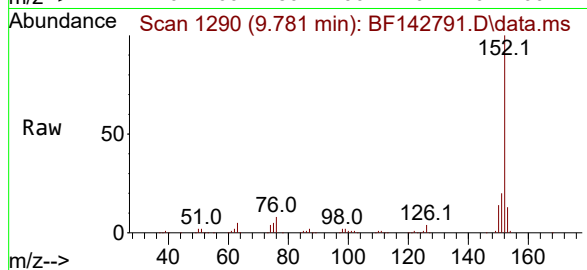
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 331018

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.2	10.4	15.6



#50

Dimethylphthalate

Concen: 20.049 ng

RT: 9.640 min Scan# 1266

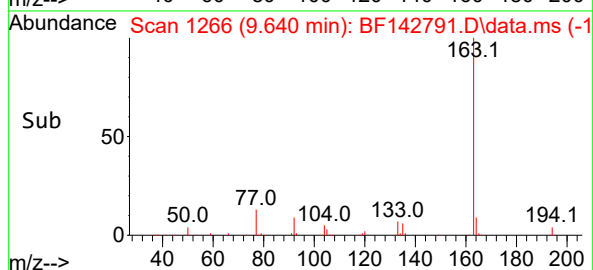
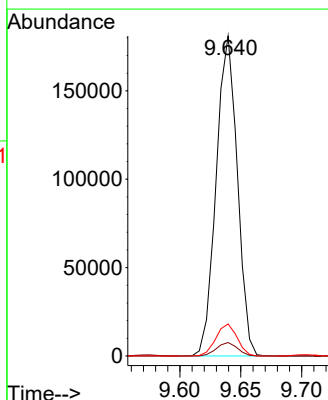
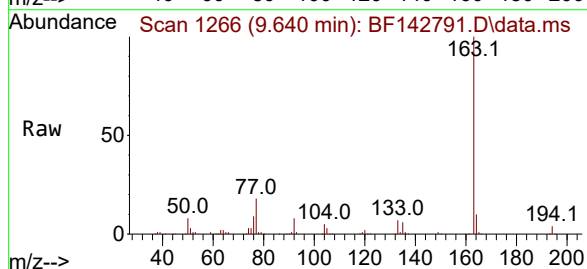
Delta R.T. -0.006 min

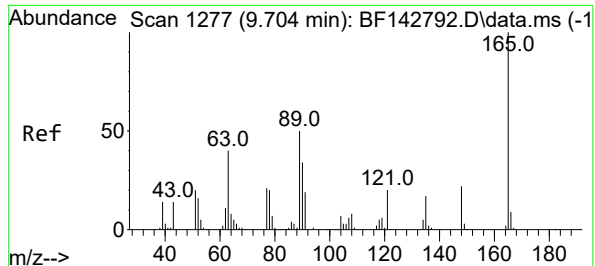
Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Tgt Ion:163 Resp: 218901

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	8.0	12.0

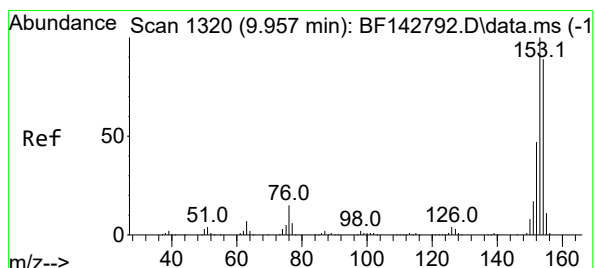
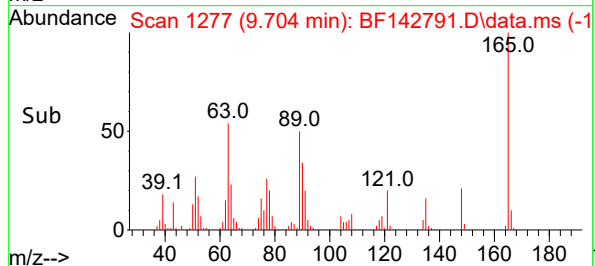
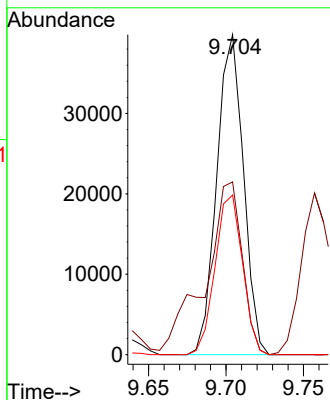
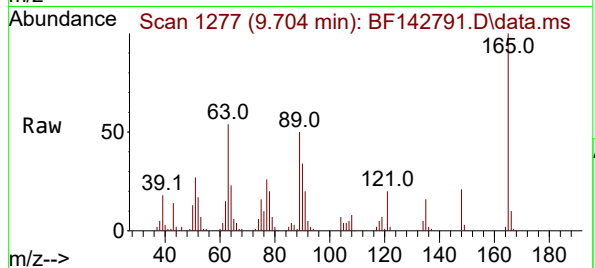




#51
2,6-Dinitrotoluene
Concen: 20.156 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

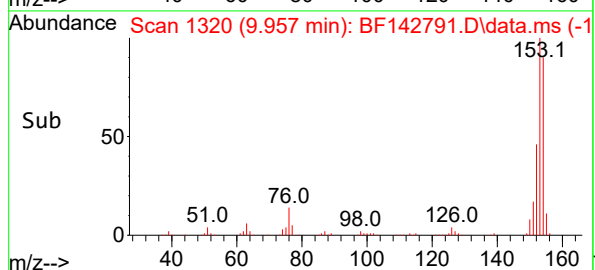
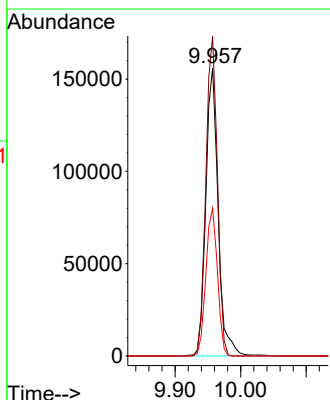
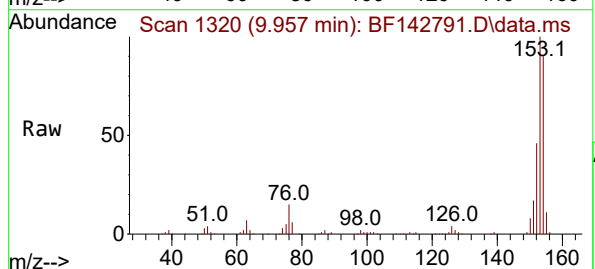
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

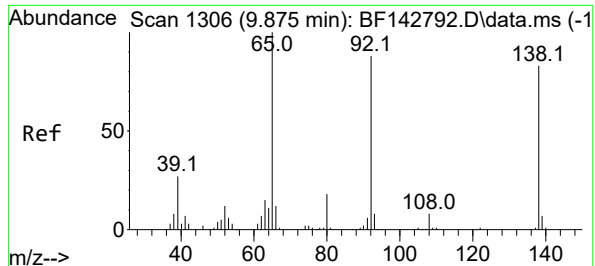
Tgt Ion:165 Resp: 47707
Ion Ratio Lower Upper
165 100
63 54.0 44.2 66.4
89 49.9 39.8 59.8



#52
Acenaphthene
Concen: 20.813 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:154 Resp: 204192
Ion Ratio Lower Upper
154 100
153 111.2 90.0 135.0
152 51.3 41.9 62.9

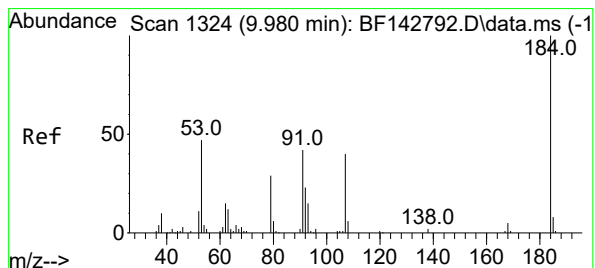
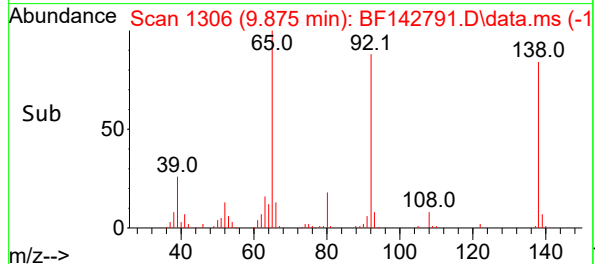
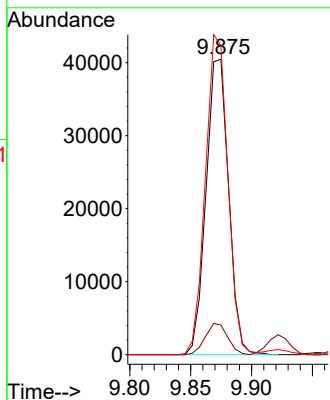
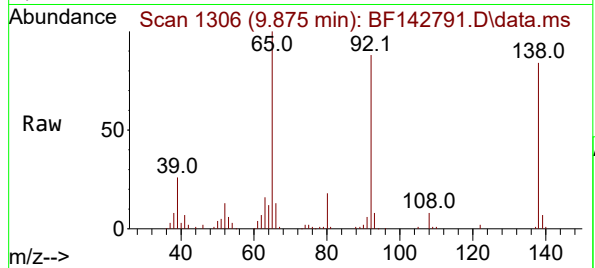




#53
3-Nitroaniline
Concen: 20.261 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

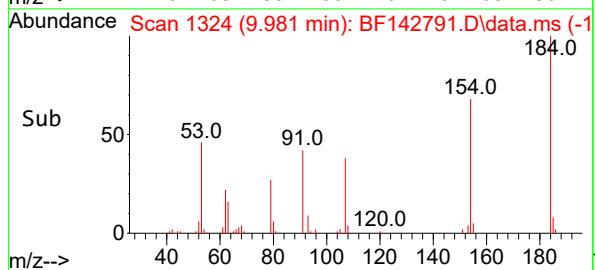
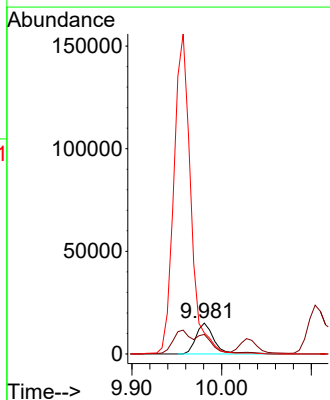
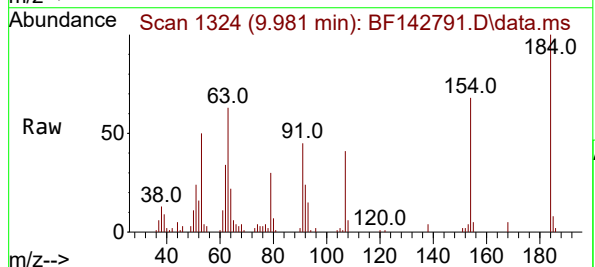
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

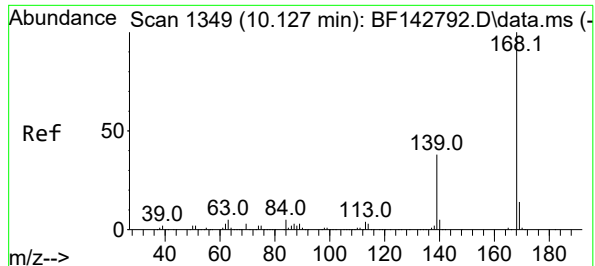
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.1	12.1
92	104.7	85.1	127.7



#54
2,4-Dinitrophenol
Concen: 16.576 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.9	50.6	75.8
154	68.5	51.8	77.8

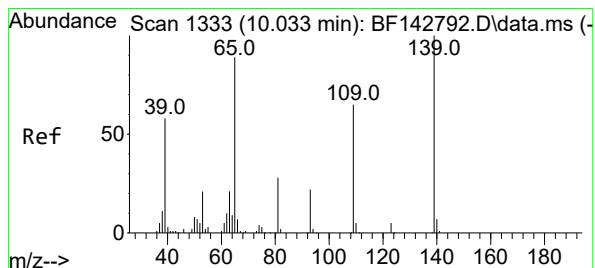
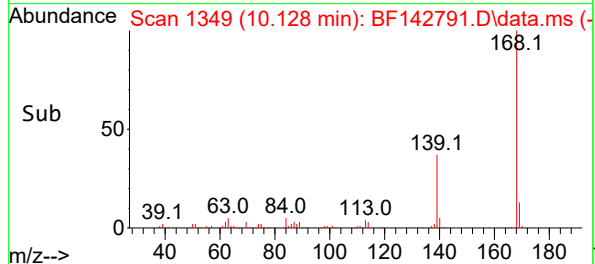
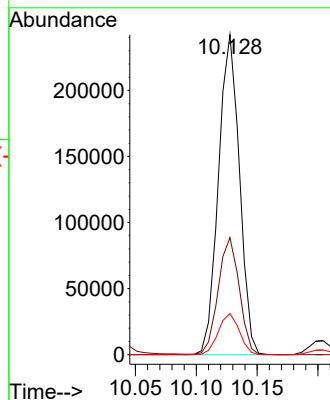
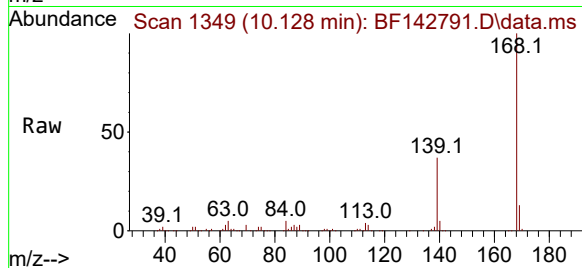




#55
Dibenzofuran
Concen: 20.736 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

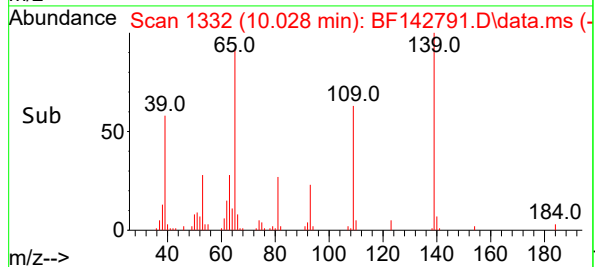
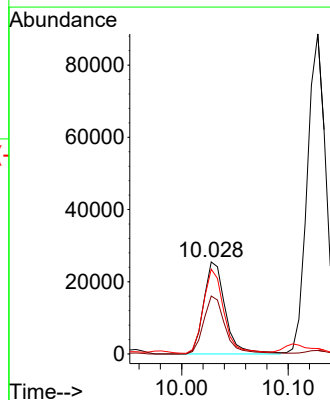
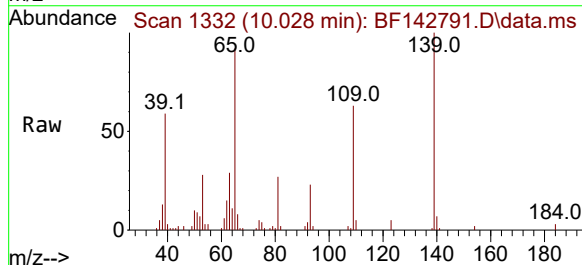
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

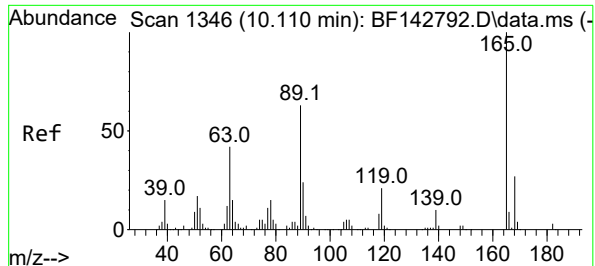
Tgt Ion:168 Resp: 290254
Ion Ratio Lower Upper
168 100
139 36.6 30.2 45.4
169 12.8 10.8 16.2



#56
4-Nitrophenol
Concen: 20.593 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:139 Resp: 35937
Ion Ratio Lower Upper
139 100
109 62.9 44.7 84.7
65 92.2 69.8 109.8

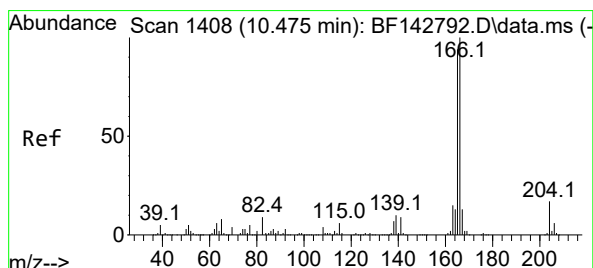
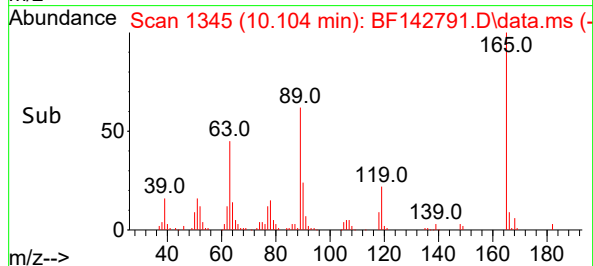
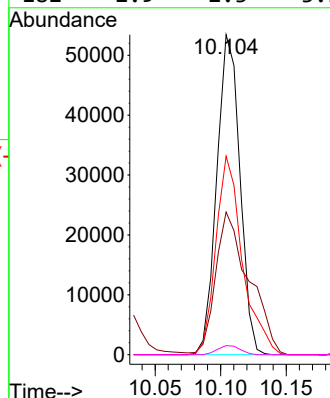
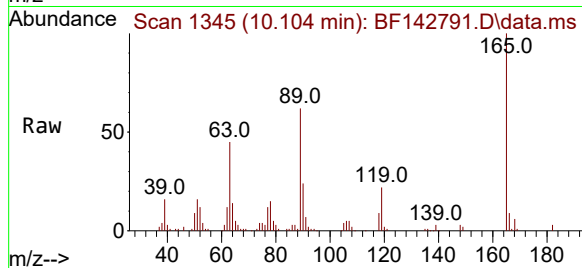




#57
2,4-Dinitrotoluene
Concen: 20.887 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

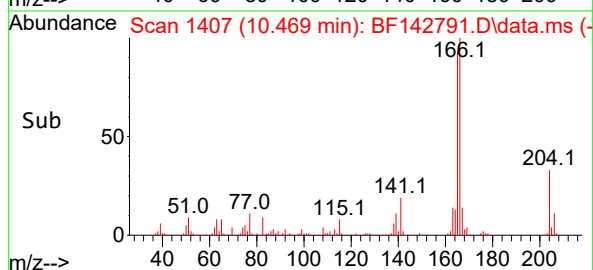
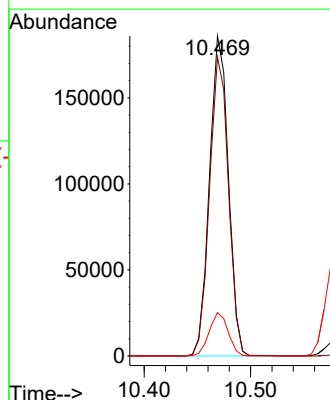
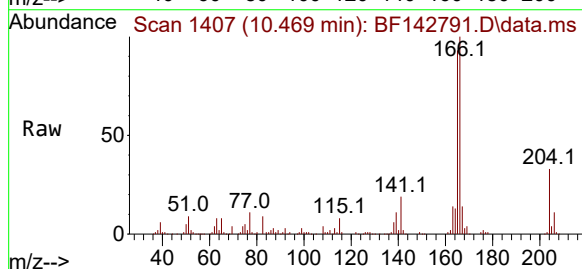
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

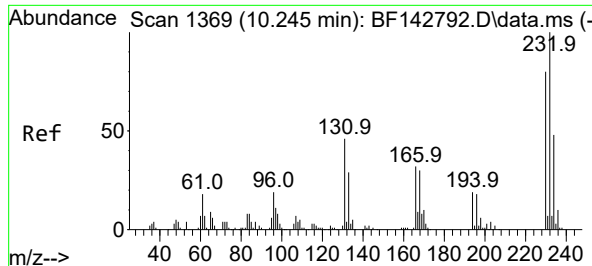
Tgt Ion:165 Resp: 65367
Ion Ratio Lower Upper
165 100
63 44.5 33.9 50.9
89 62.0 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 20.780 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:166 Resp: 229569
Ion Ratio Lower Upper
166 100
165 93.5 75.2 112.8
167 13.5 10.6 15.8

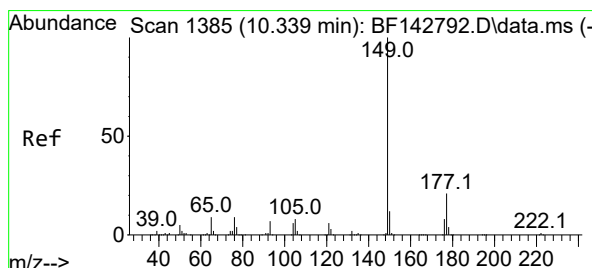
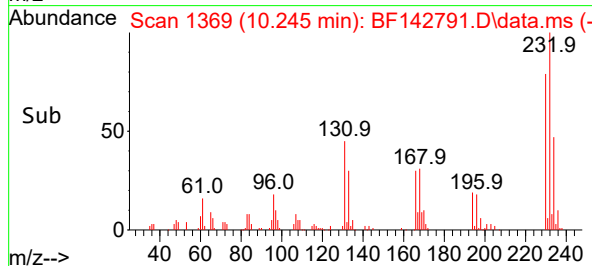
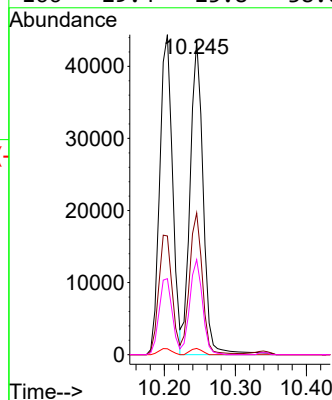
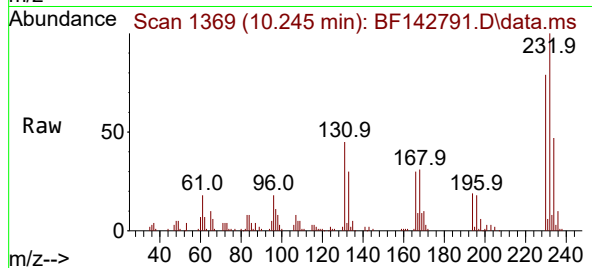




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.042 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

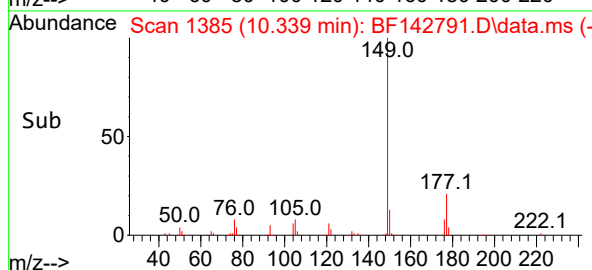
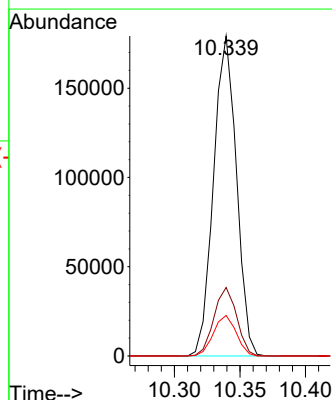
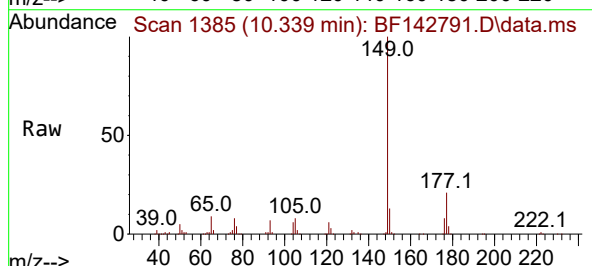
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

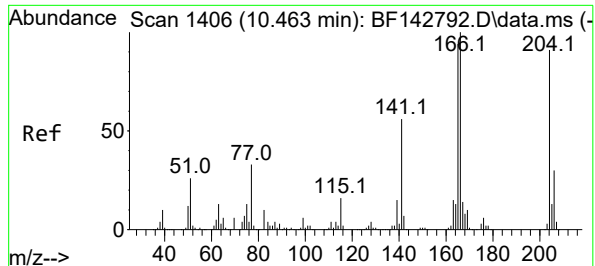
Tgt Ion:232 Resp: 55799
Ion Ratio Lower Upper
232 100
131 44.3 37.6 56.4
130 1.8 1.7 2.5
166 29.4 25.8 38.6



#60
Diethylphthalate
Concen: 20.020 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:149 Resp: 217133
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.6 9.8 14.6

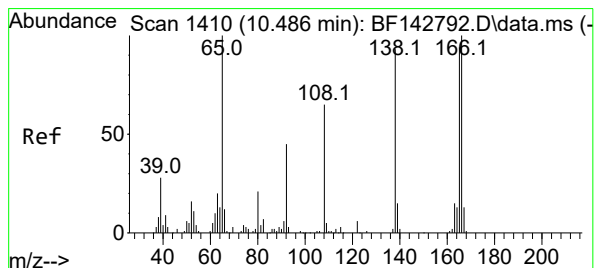
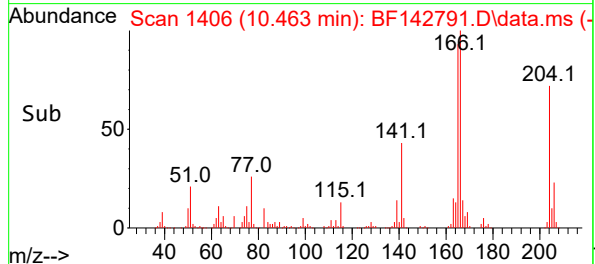
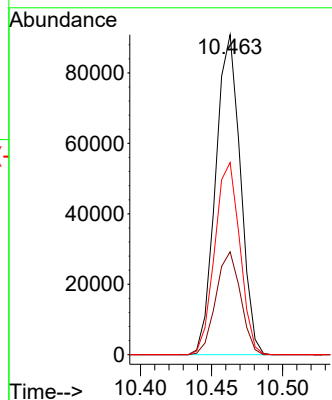
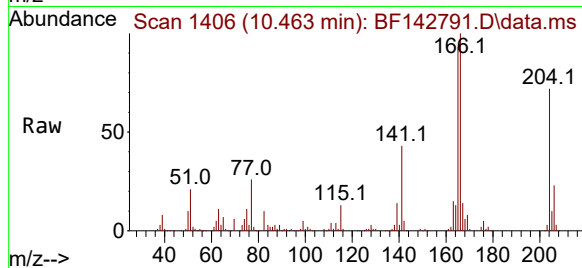




#61
4-Chlorophenyl-phenylether
Concen: 20.526 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

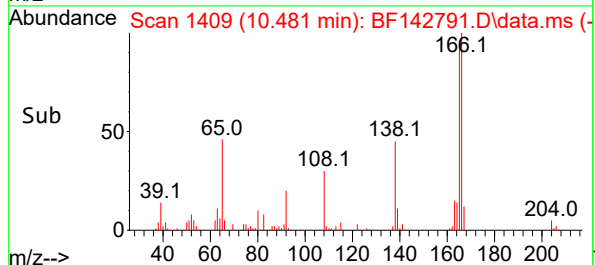
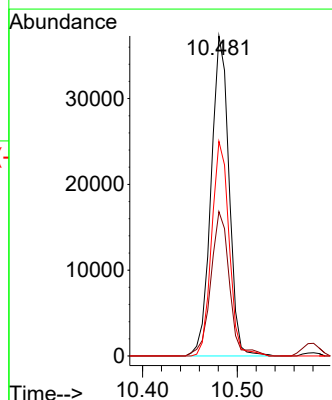
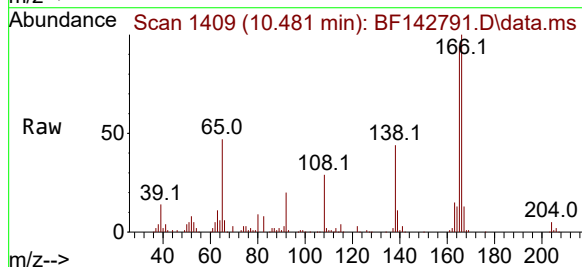
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

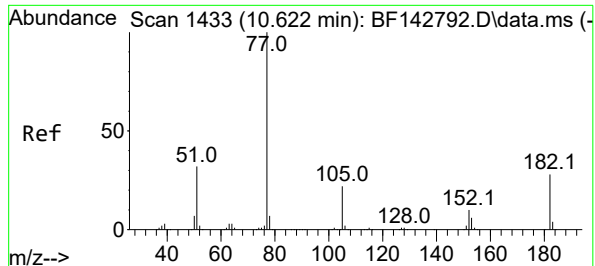
Tgt Ion:204 Resp: 110133
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 60.1 49.1 73.7



#62
4-Nitroaniline
Concen: 21.208 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:138 Resp: 48947
Ion Ratio Lower Upper
138 100
92 45.1 28.4 68.4
108 67.1 50.2 90.2

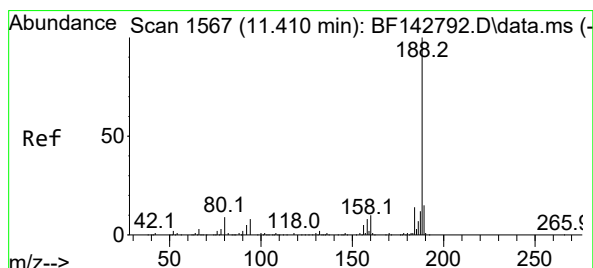
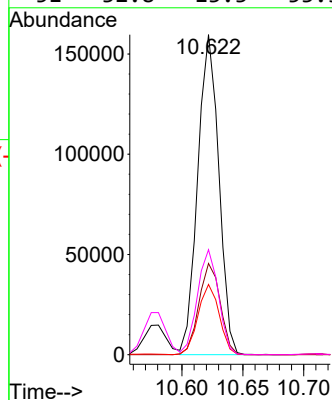
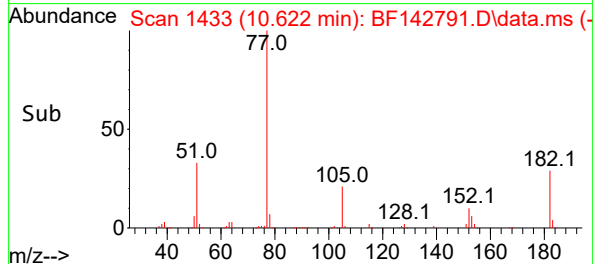
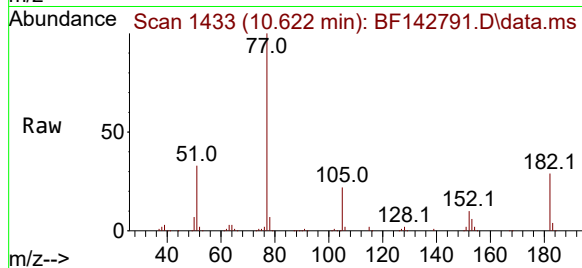




#63
Azobenzene
Concen: 20.263 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

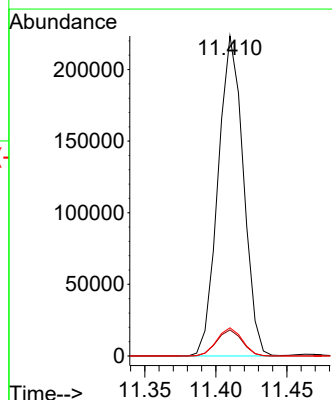
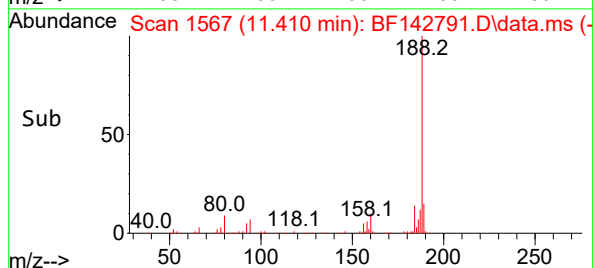
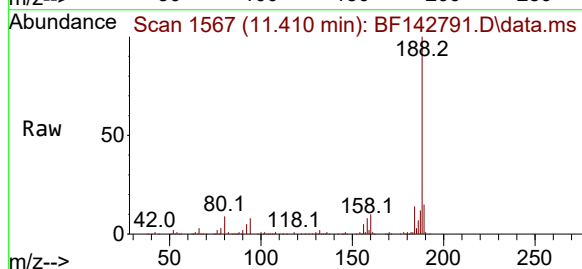
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

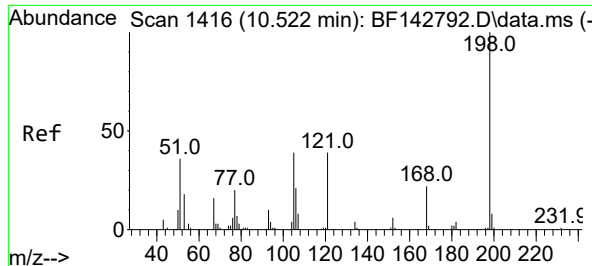
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.7	47.7
105	22.0	1.9	41.9
51	32.8	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.8	6.9	10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 19.130 ng

RT: 10.516 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

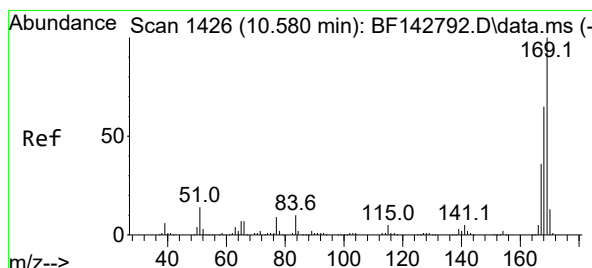
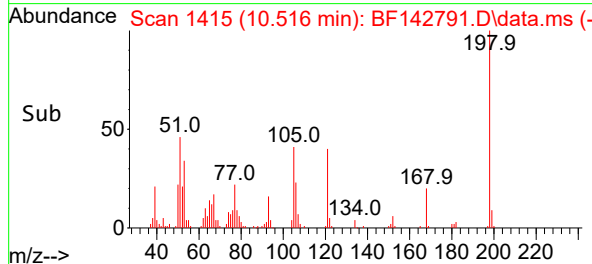
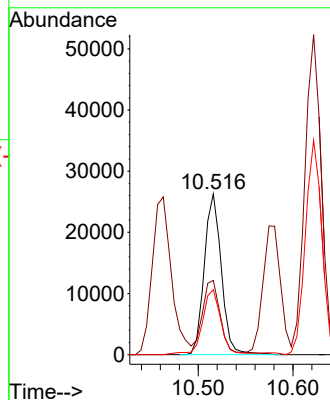
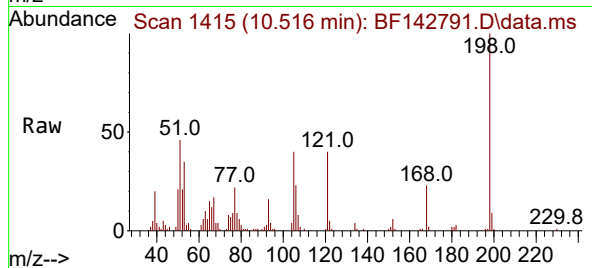
Tgt Ion:198 Resp: 32946

Ion Ratio Lower Upper

198 100

51 46.2 25.4 65.4

105 40.4 20.4 60.4



#66

n-Nitrosodiphenylamine

Concen: 20.670 ng

RT: 10.581 min Scan# 1426

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

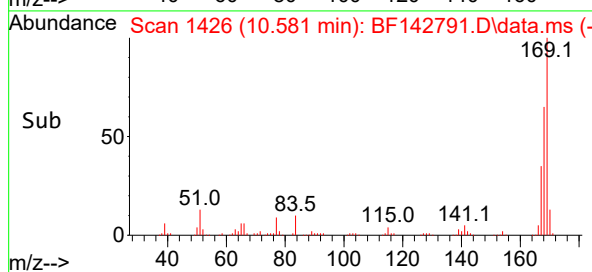
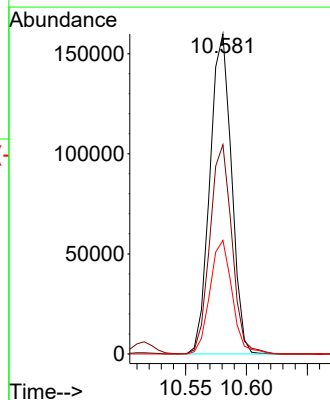
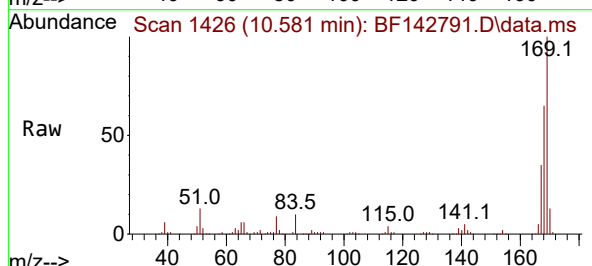
Tgt Ion:169 Resp: 196840

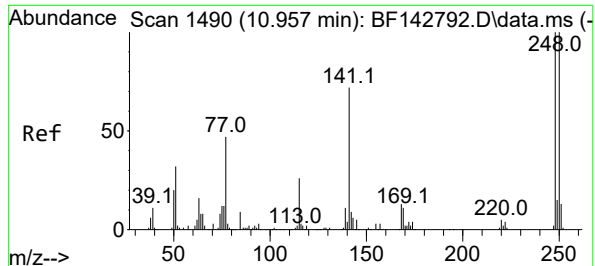
Ion Ratio Lower Upper

169 100

168 65.4 51.9 77.9

167 35.5 28.5 42.7

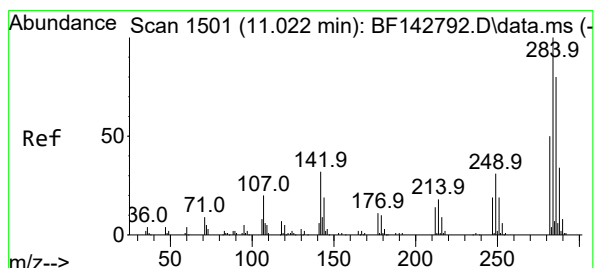
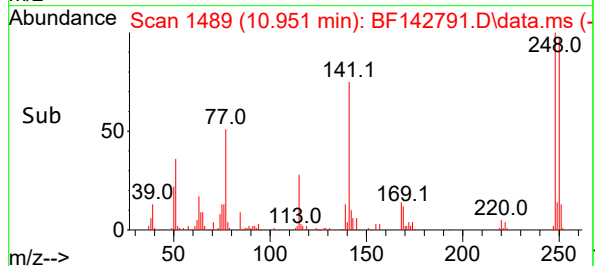
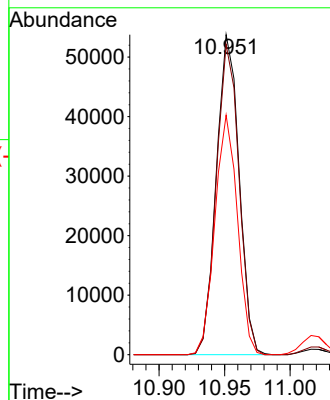
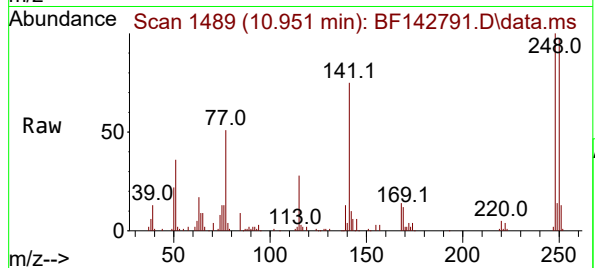




#67
4-Bromophenyl-phenylether
Concen: 20.068 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

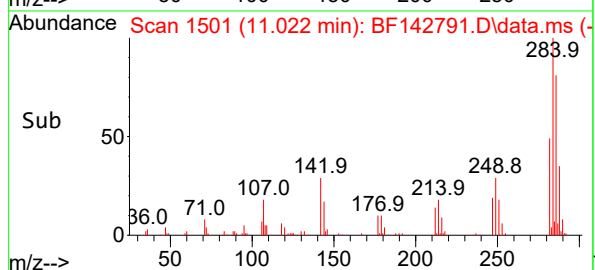
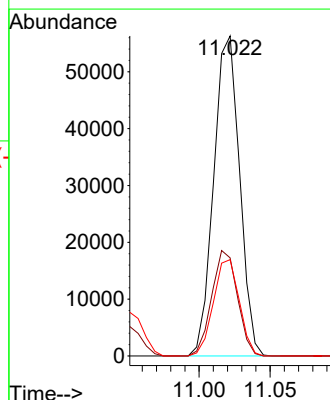
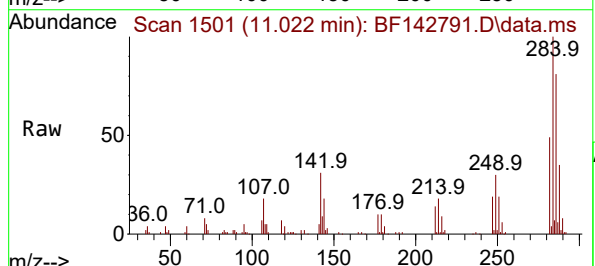
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

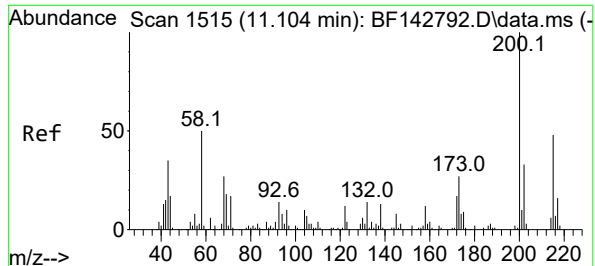
Tgt Ion:248 Resp: 65137
Ion Ratio Lower Upper
248 100
250 97.0 79.8 119.8
141 74.9 57.8 86.6



#68
Hexachlorobenzene
Concen: 19.802 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:284 Resp: 71354
Ion Ratio Lower Upper
284 100
142 30.7 25.5 38.3
249 30.1 24.9 37.3





#69

Atrazine

Concen: 19.760 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

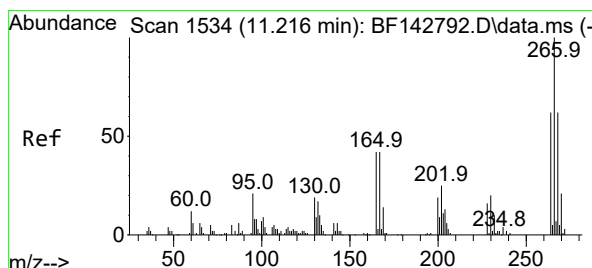
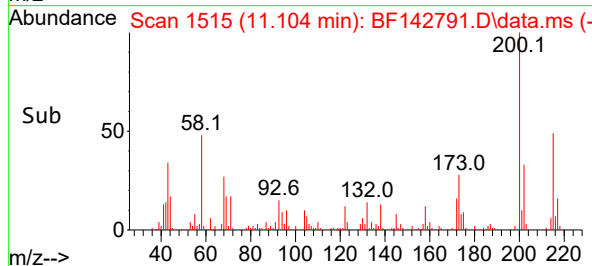
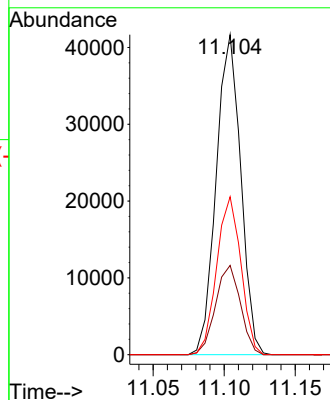
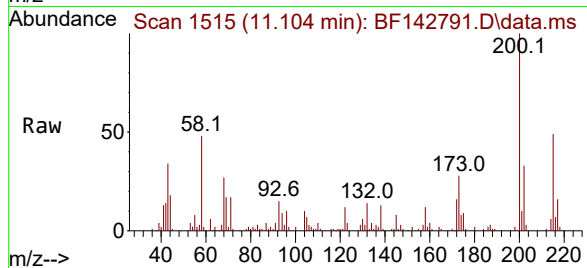
Tgt Ion:200 Resp: 49963

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 49.3 28.4 68.4



#70

Pentachlorophenol

Concen: 17.680 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

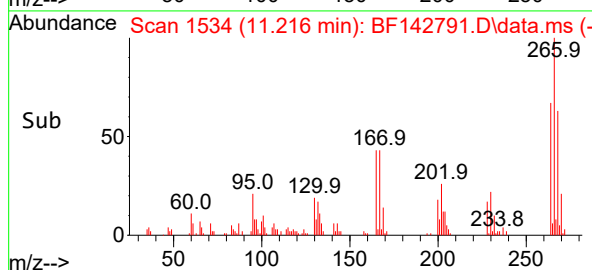
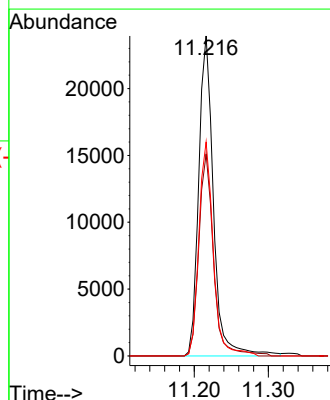
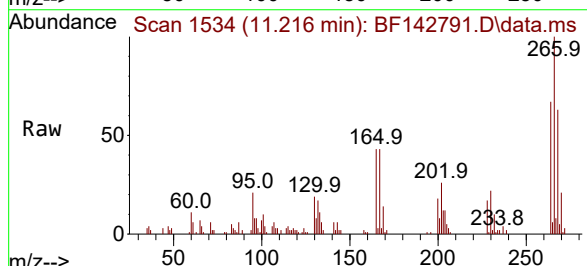
Tgt Ion:266 Resp: 33089

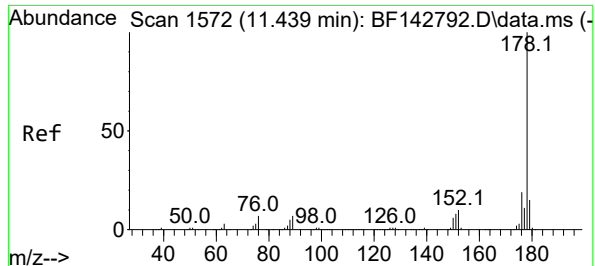
Ion Ratio Lower Upper

266 100

268 63.1 49.8 74.8

264 66.8 49.9 74.9

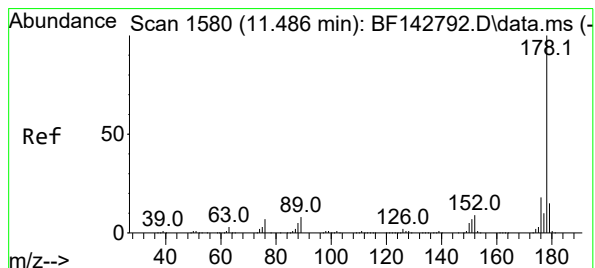
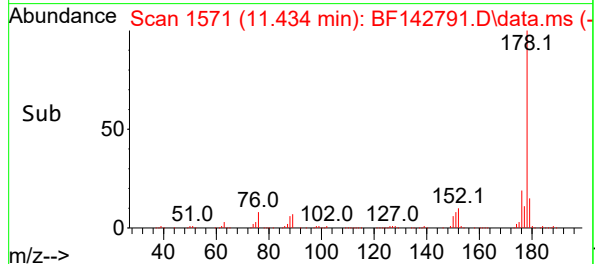
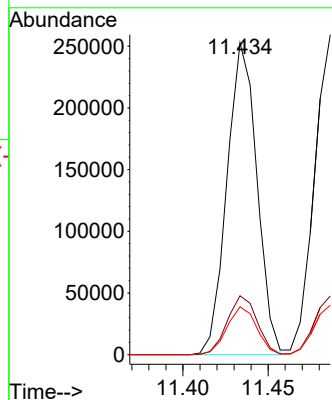
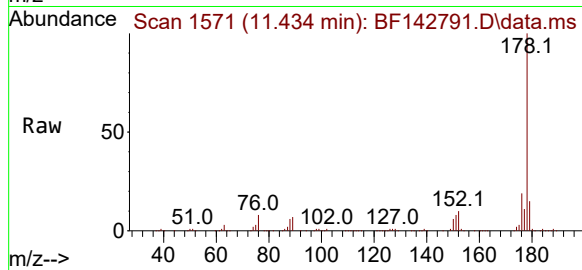




#71
Phenanthrene
Concen: 20.826 ng
RT: 11.434 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

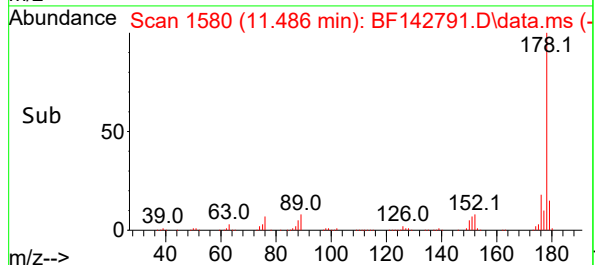
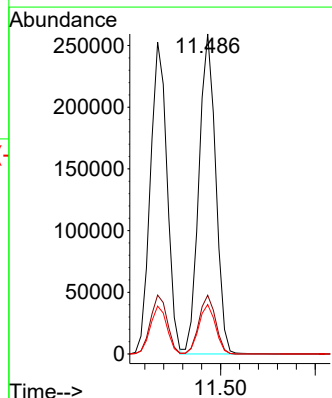
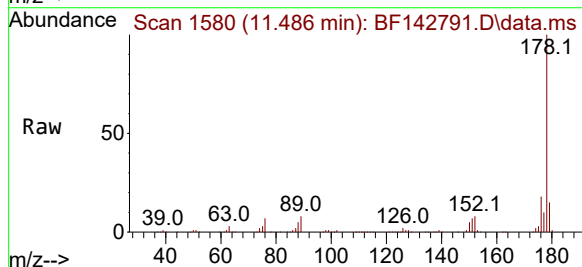
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

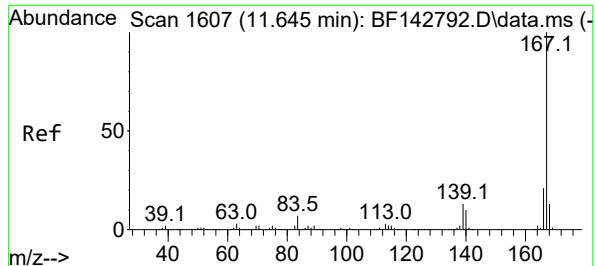
Tgt Ion:178 Resp: 309015
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 20.730 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

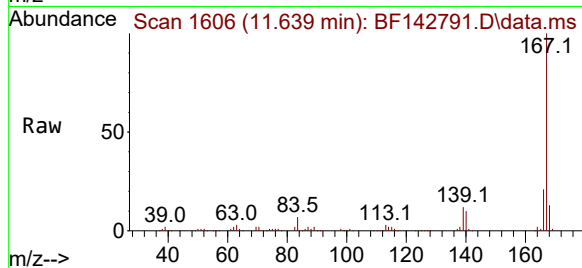
Tgt Ion:178 Resp: 318388
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.4 12.4 18.6



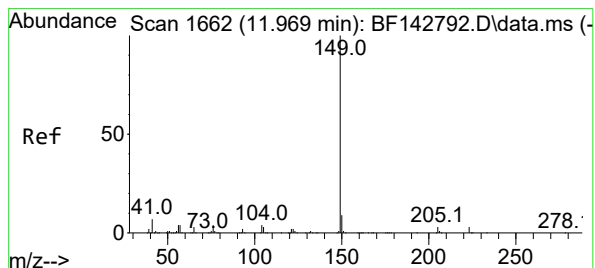
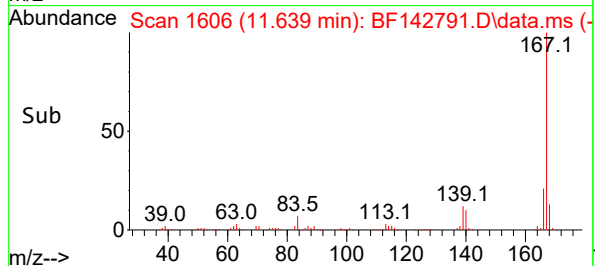
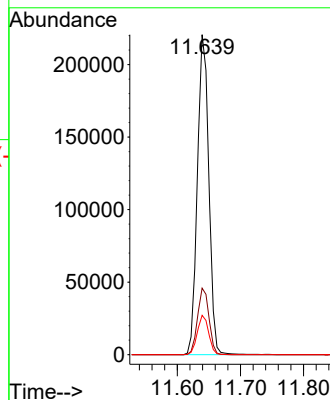


#73
Carbazole
Concen: 21.523 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

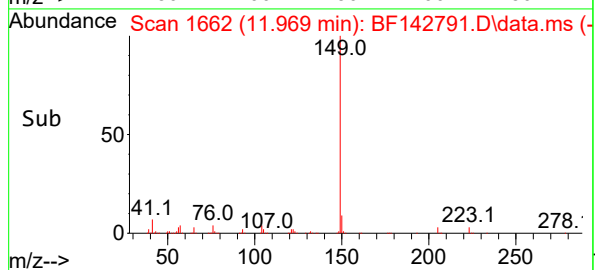
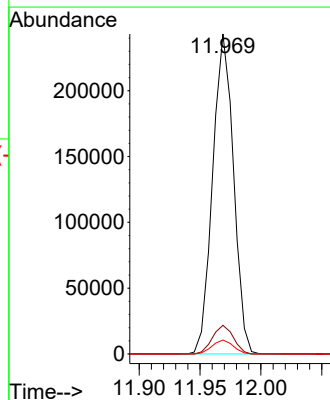
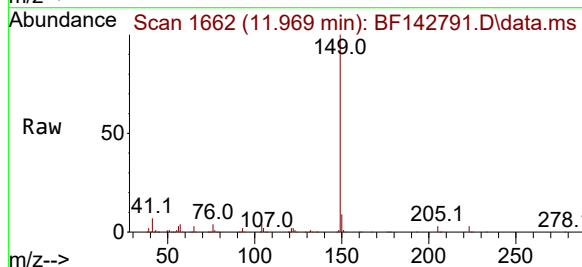


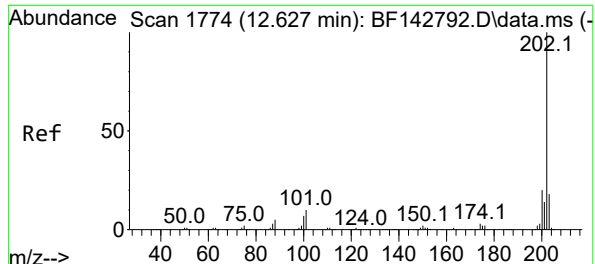
Tgt Ion:167 Resp: 276824
Ion Ratio Lower Upper
167 100
166 20.8 17.0 25.4
139 12.3 10.2 15.2



#74
Di-n-butylphthalate
Concen: 20.342 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:149 Resp: 289686
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.4 3.5 5.3

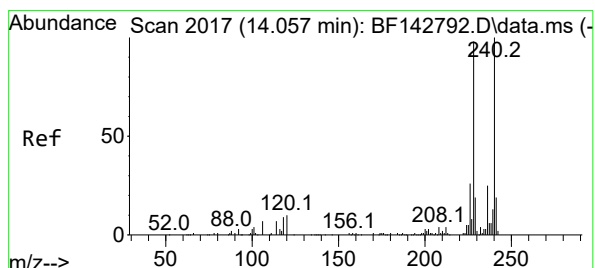
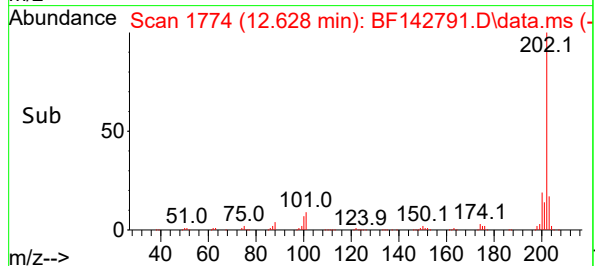
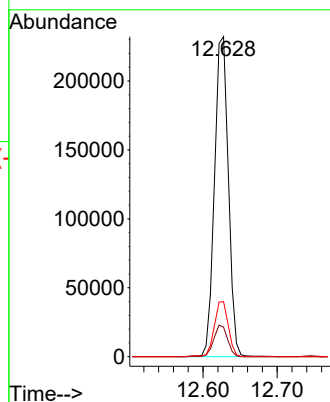
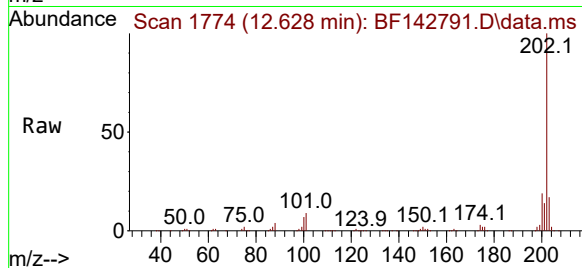




#75
Fluoranthene
Concen: 21.424 ng
RT: 12.628 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

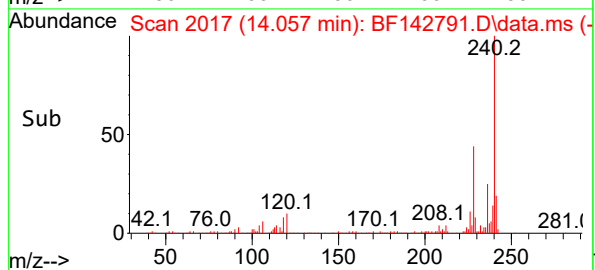
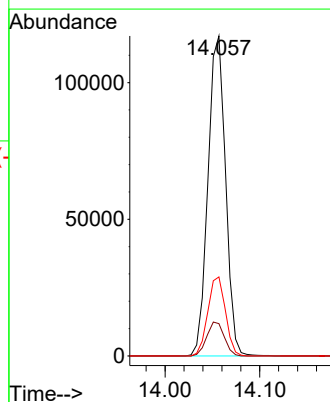
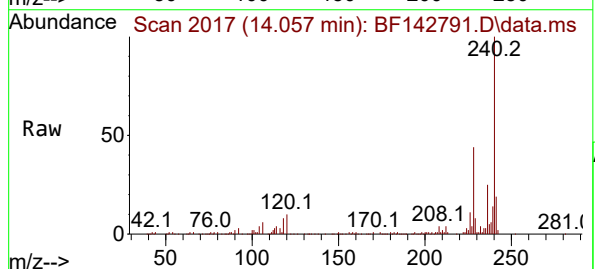
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

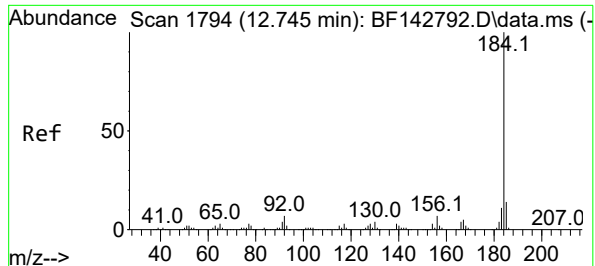
Tgt Ion:202 Resp: 302035
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.7
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:240 Resp: 151398
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 24.7 19.8 29.8





#77

Benzidine

Concen: 24.285 ng

RT: 12.745 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

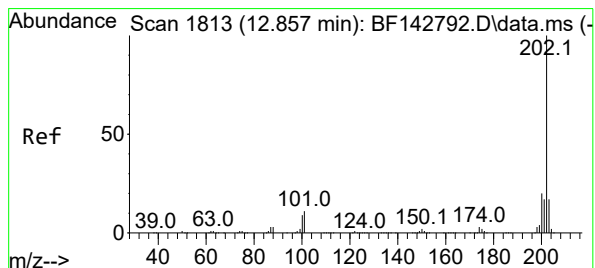
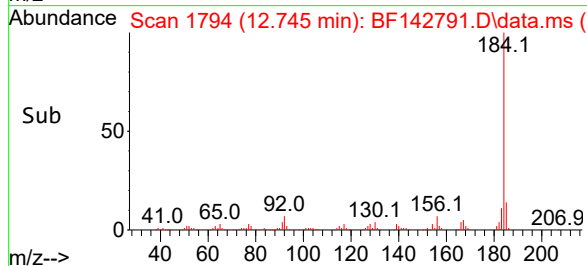
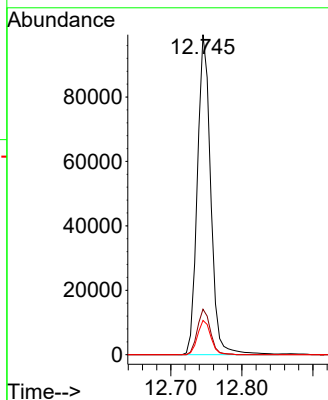
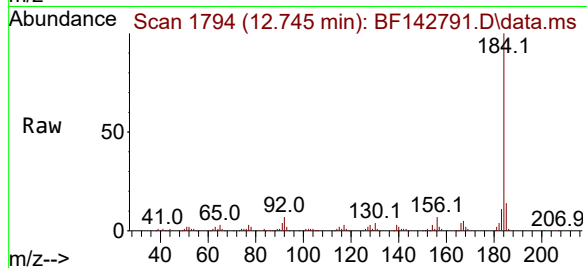
Tgt Ion:184 Resp: 130162

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 10.7 9.0 13.4



#78

Pyrene

Concen: 21.413 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

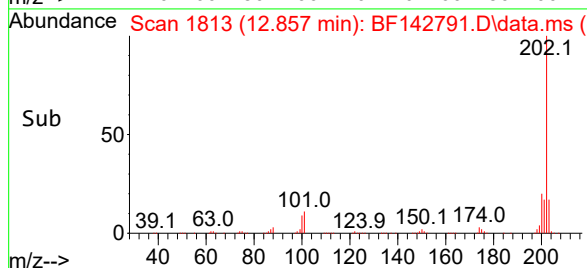
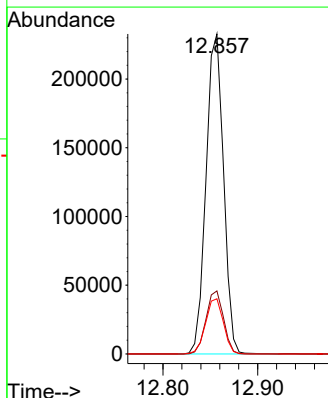
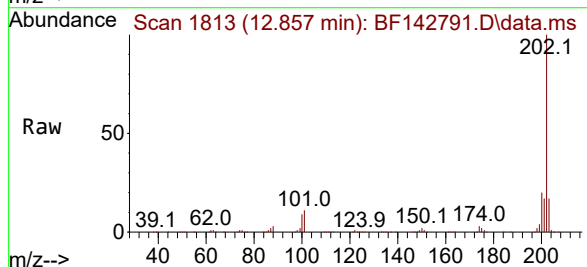
Tgt Ion:202 Resp: 297999

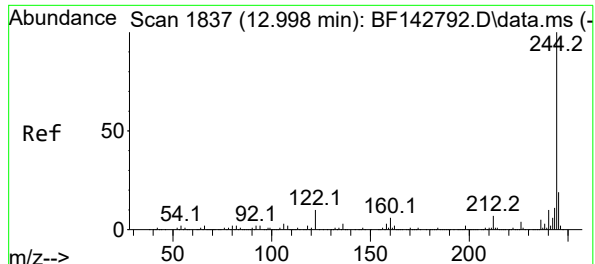
Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 42.675 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

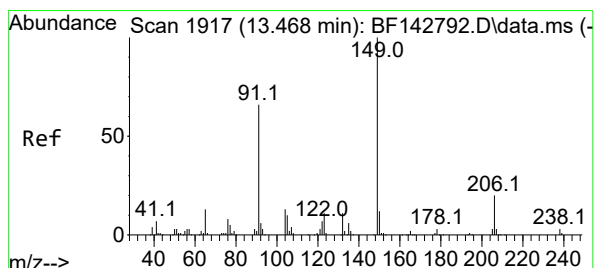
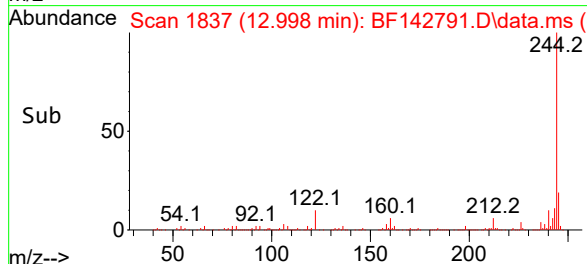
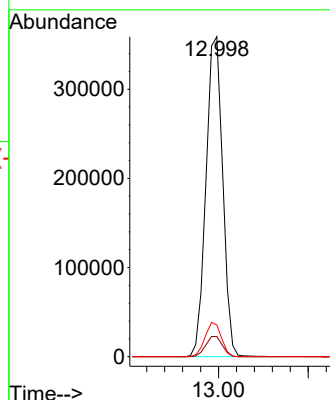
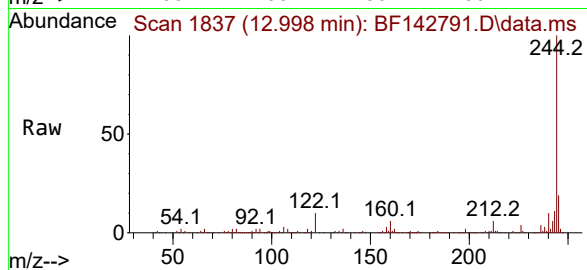
Tgt Ion:244 Resp: 464214

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 9.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 19.761 ng

RT: 13.469 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

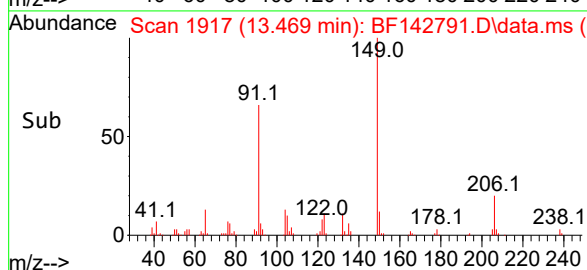
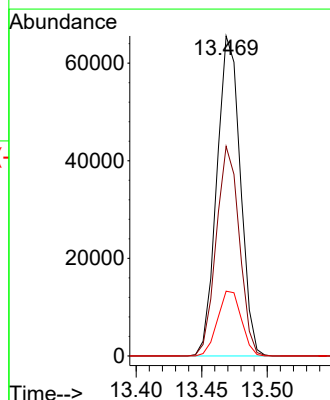
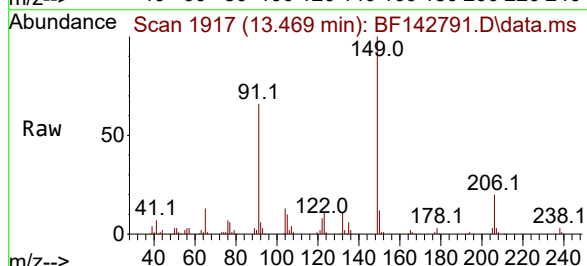
Tgt Ion:149 Resp: 81500

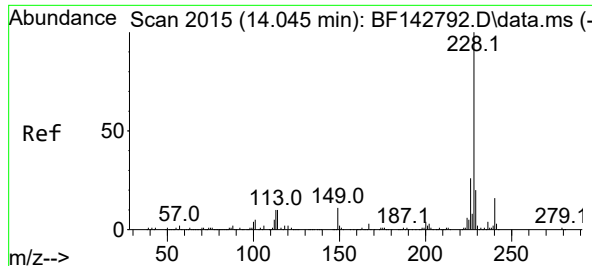
Ion Ratio Lower Upper

149 100

91 65.5 52.9 79.3

206 20.3 16.3 24.5

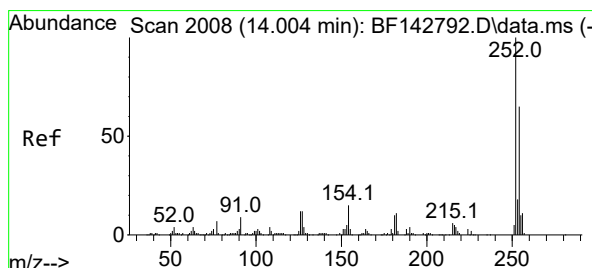
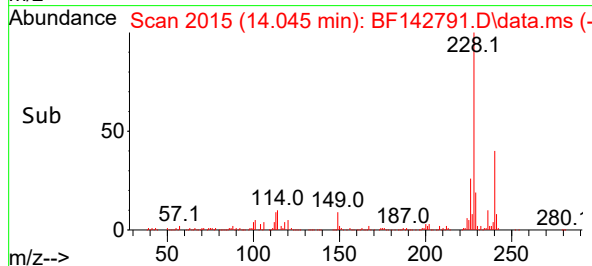
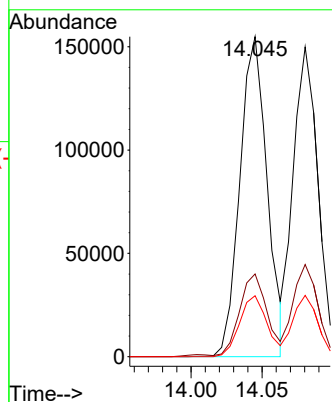
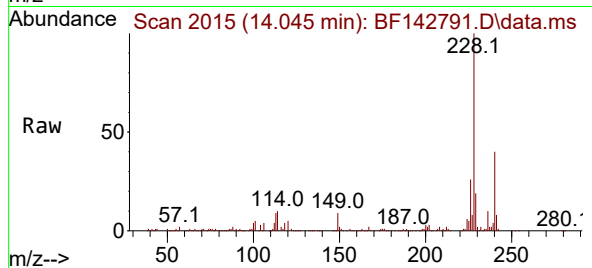




#81
Benzo(a)anthracene
Concen: 20.807 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

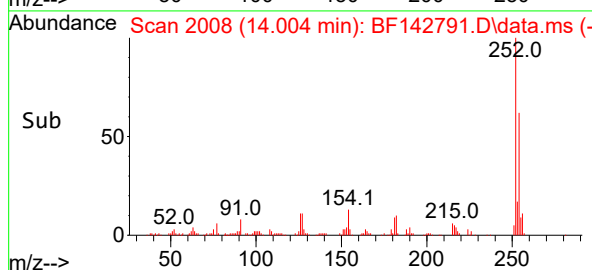
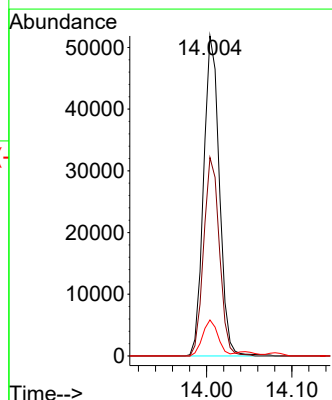
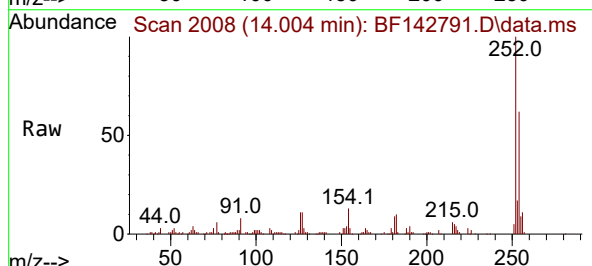
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

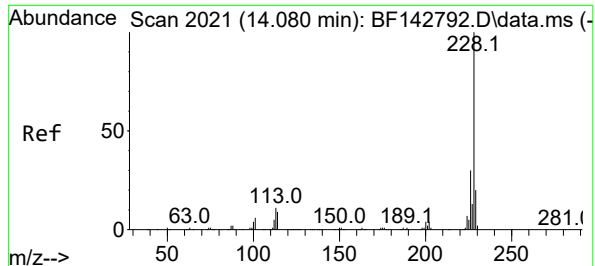
Tgt Ion:228 Resp: 206831
Ion Ratio Lower Upper
228 100
226 25.8 21.2 31.8
229 19.0 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 20.714 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:252 Resp: 66675
Ion Ratio Lower Upper
252 100
254 62.0 51.7 77.5
126 11.3 9.4 14.2

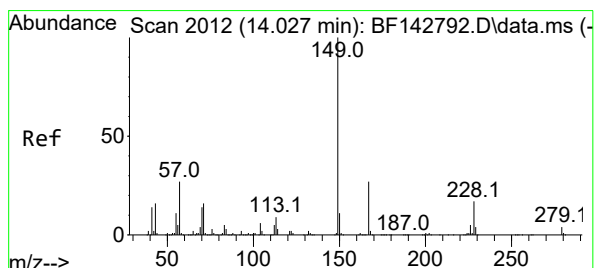
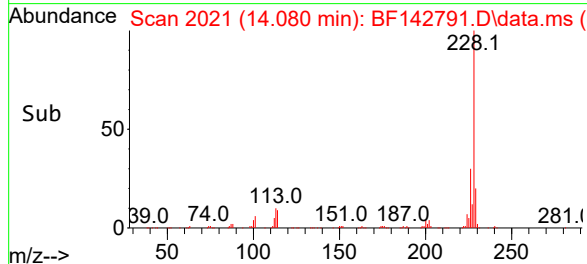
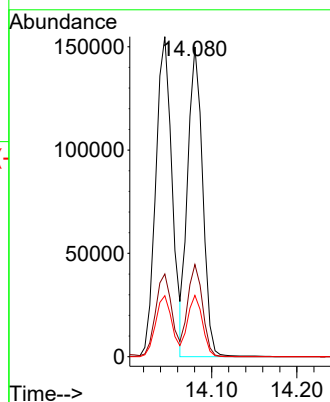
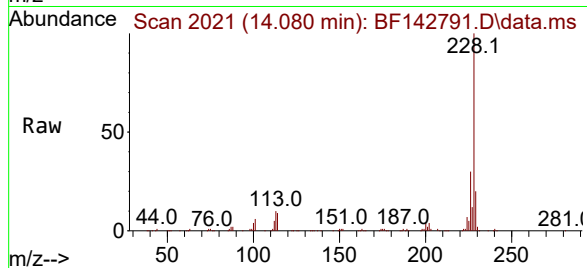




#83
Chrysene
Concen: 19.756 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

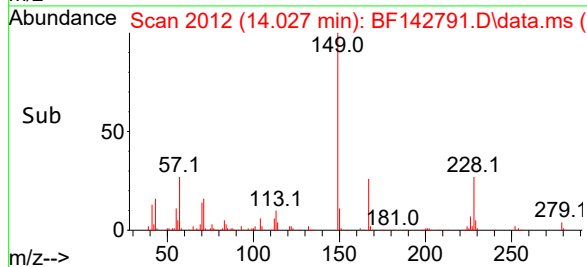
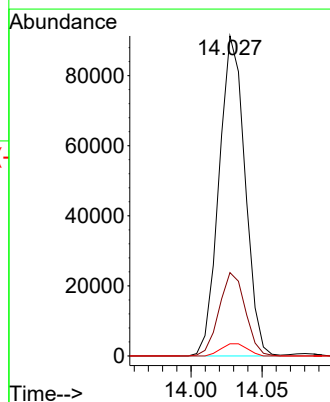
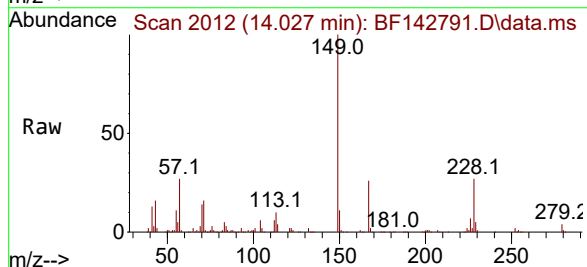
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

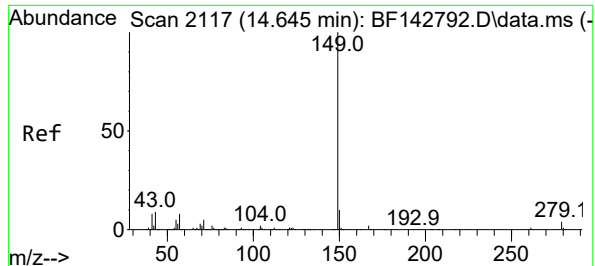
Tgt Ion:228 Resp: 182829
Ion Ratio Lower Upper
228 100
226 29.8 23.7 35.5
229 19.8 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.892 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:149 Resp: 116092
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.0
279 3.8 3.0 4.6

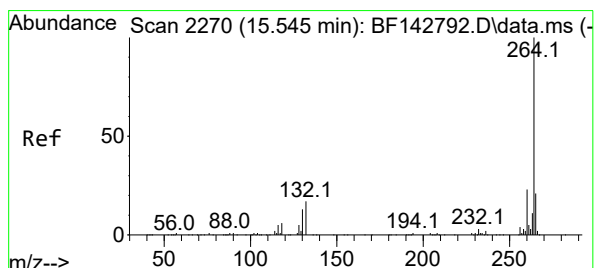
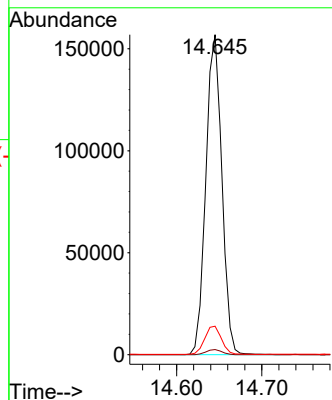
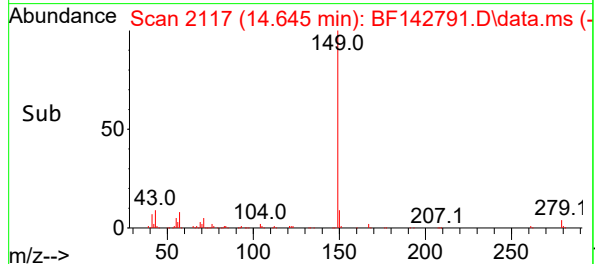
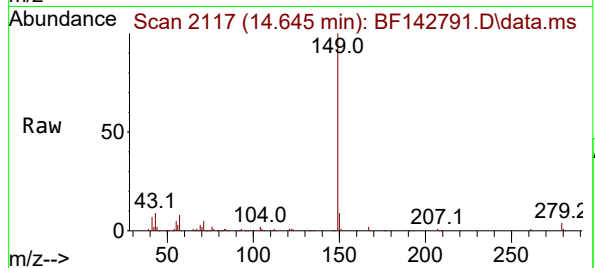




#85
Di-n-octyl phthalate
Concen: 17.475 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

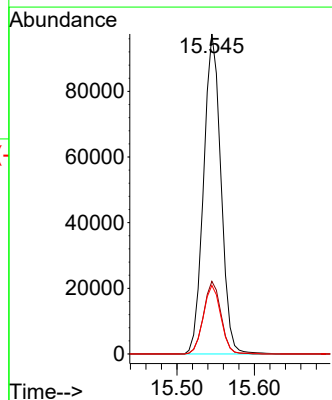
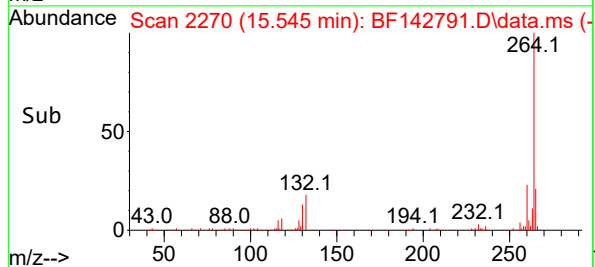
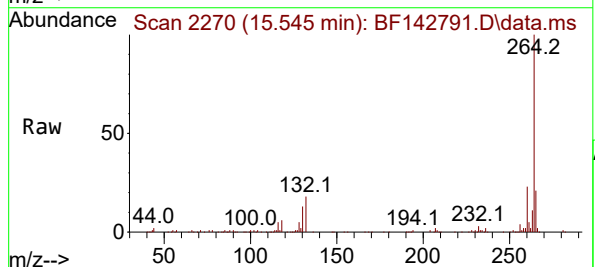
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

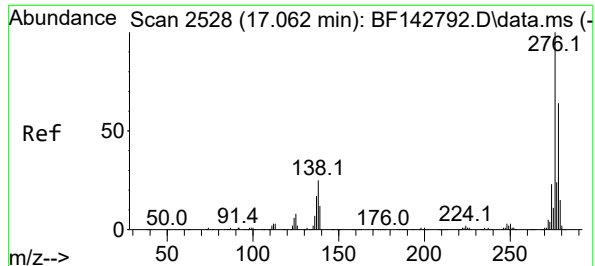
Tgt Ion:149 Resp: 204632
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:264 Resp: 151331
Ion Ratio Lower Upper
264 100
260 22.7 18.1 27.1
265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.893 ng

RT: 17.051 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

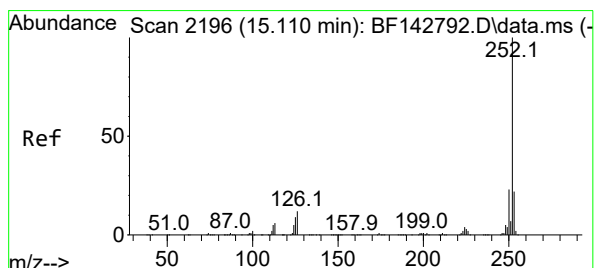
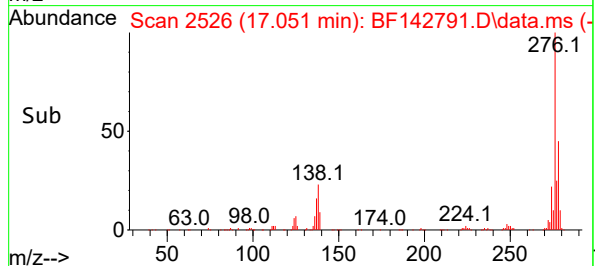
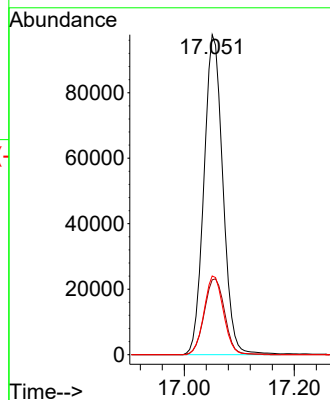
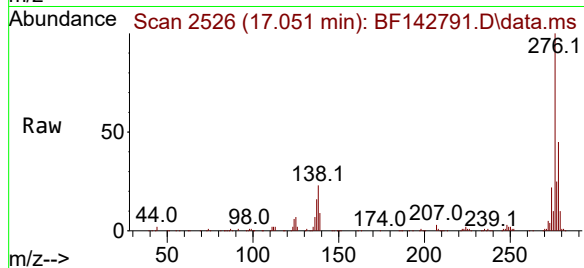
Tgt Ion:276 Resp: 233757

Ion Ratio Lower Upper

276 100

138 25.6 20.2 30.4

277 25.2 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 21.056 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

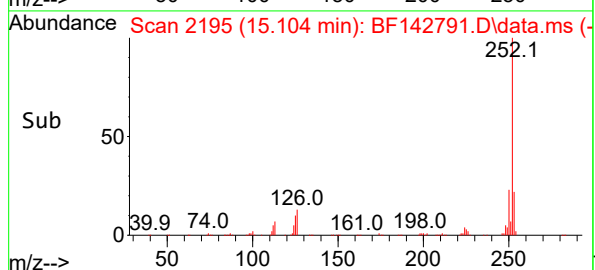
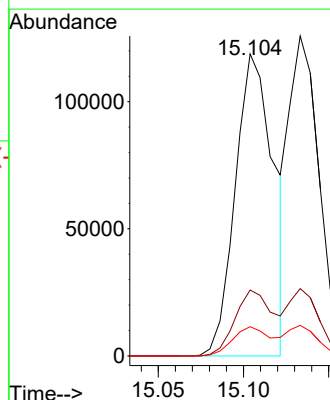
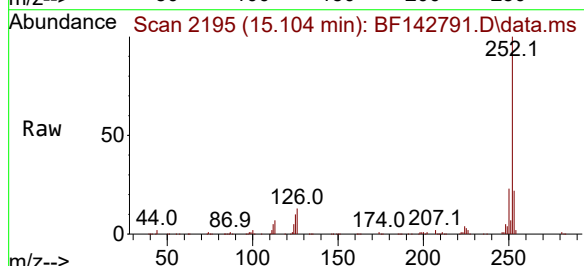
Tgt Ion:252 Resp: 185574

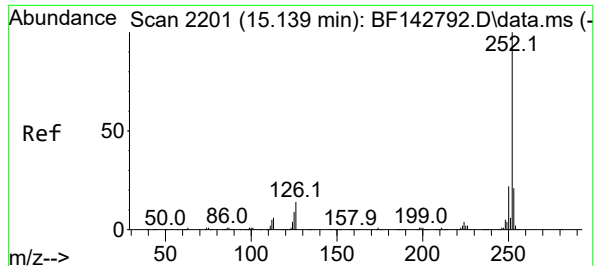
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 18.201 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

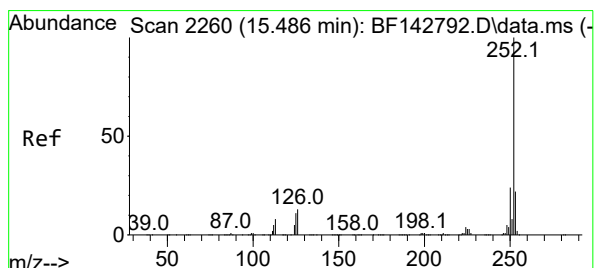
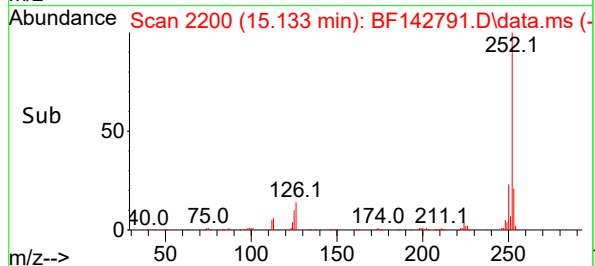
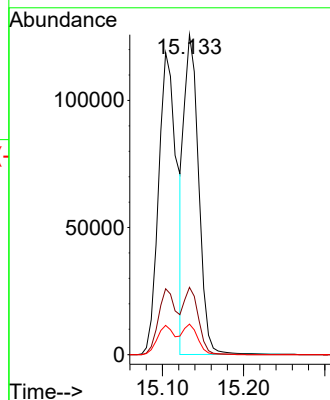
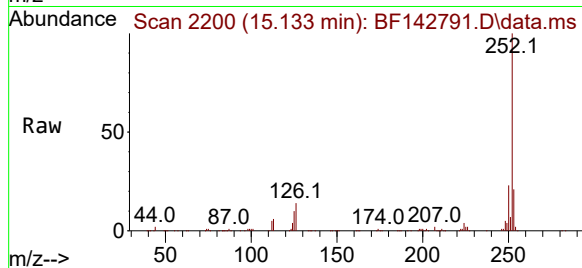
Tgt Ion:252 Resp: 156588

Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

125 9.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 20.162 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142791.D

Acq: 19 Jun 2025 18:39

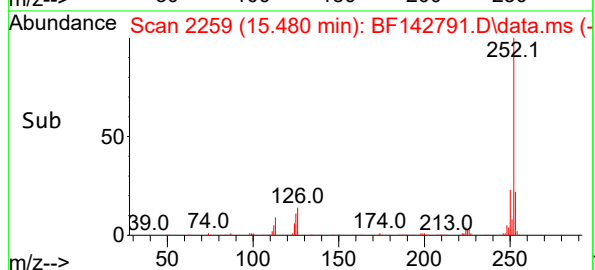
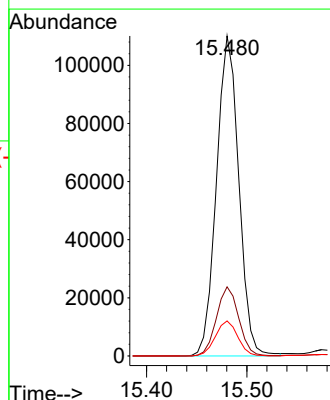
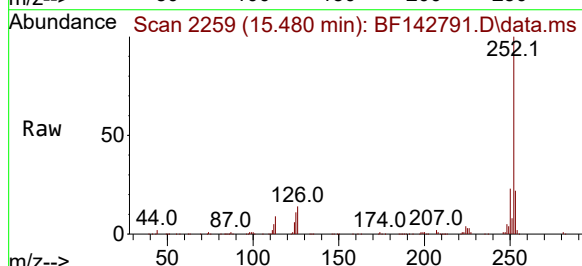
Tgt Ion:252 Resp: 170053

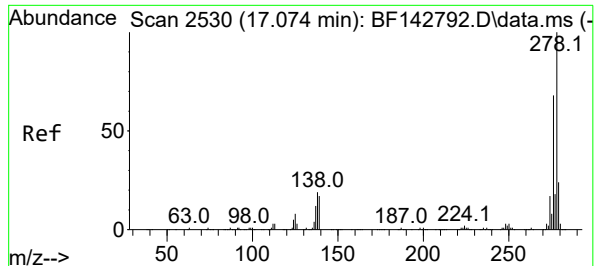
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 11.0 8.6 12.8

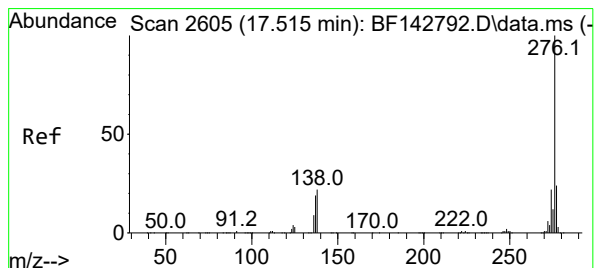
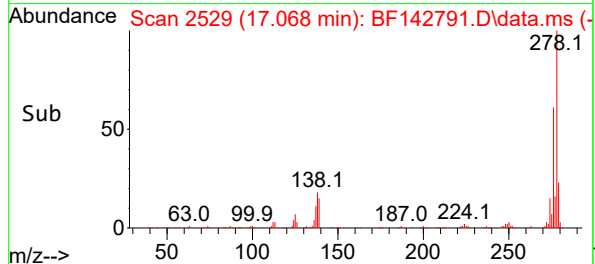
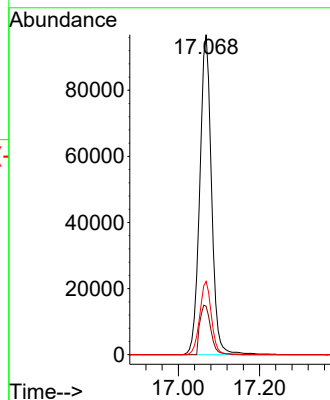
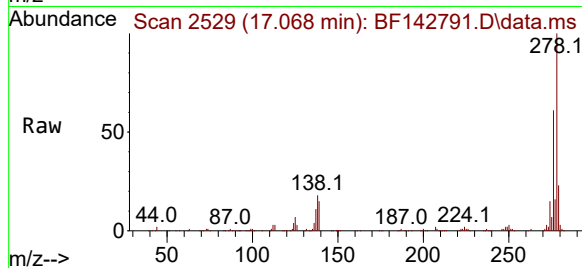




#91
Dibenzo(a,h)anthracene
Concen: 21.504 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

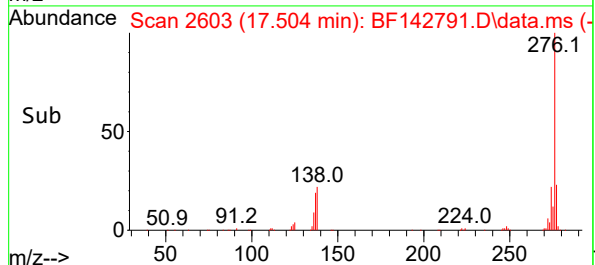
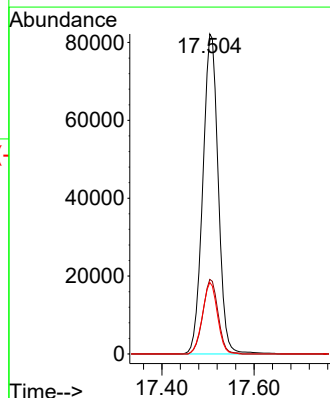
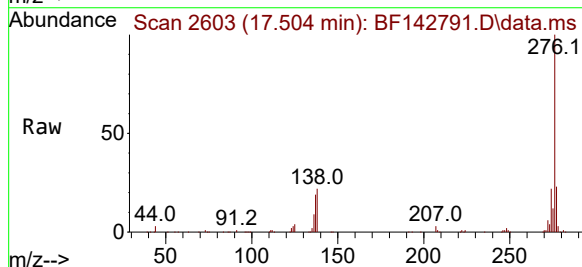
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 195608
Ion Ratio Lower Upper
278 100
139 15.1 13.5 20.3
279 22.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 21.109 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:276 Resp: 191567
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 22.3 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142792.D
 Acq On : 19 Jun 2025 19:09
 Operator : RC/JU
 Sample : SSTDICC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Quant Time: Jun 20 04:39:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83734	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	313297	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	161991	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	263346	20.000	ng	0.00
76) Chrysene-d12	14.057	240	142481	20.000	ng	0.00
86) Perylene-d12	15.545	264	170267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	384996	78.420	ng	0.00
7) Phenol-d6	6.510	99	448961	77.879	ng	0.00
23) Nitrobenzene-d5	7.445	82	443431	77.580	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	129669	73.654	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	926905	76.120	ng	0.00
79) Terphenyl-d14	12.998	244	756495	73.897	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	77194	39.596	ng	100
3) Pyridine	3.410	79	194866	39.924	ng	100
4) n-Nitrosodimethylamine	3.357	42	99851	39.943	ng	100
6) Aniline	6.545	93	304377	39.397	ng	100
8) 2-Chlorophenol	6.663	128	208444	38.992	ng	100
9) Benzaldehyde	6.434	77	126748	36.063	ng	100
10) Phenol	6.522	94	253916	39.504	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	179469	37.634	ng	100
12) 1,3-Dichlorobenzene	6.822	146	230658	37.892	ng	100
13) 1,4-Dichlorobenzene	6.898	146	235951	38.243	ng	100
14) 1,2-Dichlorobenzene	7.051	146	222976	37.805	ng	100
15) Benzyl Alcohol	7.022	79	163491	37.888	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	288515	38.400	ng	100
17) 2-Methylphenol	7.134	107	157159	38.454	ng	100
18) Hexachloroethane	7.392	117	83524	37.870	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	131792	36.251	ng	100
20) 3+4-Methylphenols	7.286	107	196876	38.274	ng	100
22) Acetophenone	7.292	105	262224	37.828	ng	100
24) Nitrobenzene	7.463	77	200051	39.383	ng	100
25) Isophorone	7.704	82	347894	36.294	ng	100
26) 2-Nitrophenol	7.781	139	111792	39.497	ng	100
27) 2,4-Dimethylphenol	7.816	122	187808	38.974	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	222264	37.249	ng	100
29) 2,4-Dichlorophenol	8.022	162	171329	38.576	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	187194	38.155	ng	100
31) Naphthalene	8.186	128	584986	37.966	ng	100
32) Benzoic acid	7.922	122	98210	36.734	ng	100
33) 4-Chloroaniline	8.233	127	237317	38.432	ng	100
34) Hexachlorobutadiene	8.304	225	115333	37.099	ng	100
35) Caprolactam	8.604	113	44914	37.583	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	168353	36.695	ng	100
37) 2-Methylnaphthalene	8.880	142	362692	37.313	ng	100
38) 1-Methylnaphthalene	8.980	142	374836	37.143	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	180481	38.596	ng	100
41) Hexachlorocyclopentadiene	9.033	237	108999	36.863	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	118412	39.129	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142792.D
 Acq On : 19 Jun 2025 19:09
 Operator : RC/JU
 Sample : SSTDICC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

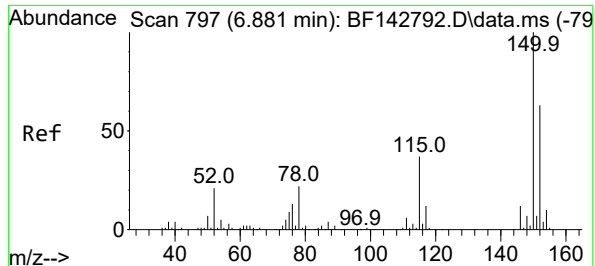
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	126712	38.774	ng	100
46) 1,1'-Biphenyl	9.345	154	487587	38.765	ng	100
47) 2-Chloronaphthalene	9.369	162	365760	39.408	ng	100
48) 2-Nitroaniline	9.463	65	105098	39.858	ng	100
49) Acenaphthylene	9.786	152	603057	38.649	ng	100
50) Dimethylphthalate	9.645	163	397980	37.038	ng	100
51) 2,6-Dinitrotoluene	9.704	165	89811	38.557	ng	100
52) Acenaphthene	9.957	154	369889	38.310	ng	100
53) 3-Nitroaniline	9.875	138	97950	38.714	ng	100
54) 2,4-Dinitrophenol	9.980	184	46000	36.494	ng	100
55) Dibenzofuran	10.127	168	526718	38.235	ng	100
56) 4-Nitrophenol	10.033	139	67375	39.230	ng	100
57) 2,4-Dinitrotoluene	10.110	165	119021	38.644	ng	100
58) Fluorene	10.475	166	408102	37.535	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	100957	36.847	ng	100
60) Diethylphthalate	10.339	149	392278	36.752	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	193928	36.726	ng	100
62) 4-Nitroaniline	10.486	138	88142	38.806	ng	100
63) Azobenzene	10.622	77	350110	37.534	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	62800	38.375	ng	100
66) n-Nitrosodiphenylamine	10.580	169	353033	39.014	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	114874	37.246	ng	100
68) Hexachlorobenzene	11.022	284	126882	37.057	ng	100
69) Atrazine	11.104	200	91444	38.060	ng	100
70) Pentachlorophenol	11.216	266	65999	37.113	ng	100
71) Phenanthrene	11.439	178	542935	38.508	ng	100
72) Anthracene	11.486	178	560180	38.384	ng	100
73) Carbazole	11.645	167	473801	38.769	ng	100
74) Di-n-butylphthalate	11.969	149	498285	36.824	ng	100
75) Fluoranthene	12.627	202	502656	37.522	ng	100
77) Benzidine	12.745	184	220379	43.691	ng	100
78) Pyrene	12.857	202	496538	37.911	ng	100
80) Butylbenzylphthalate	13.468	149	155920	40.172	ng	100
81) Benzo(a)anthracene	14.045	228	360377	38.522	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	122140	40.321	ng	100
83) Chrysene	14.080	228	331830	38.101	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	228949	39.589	ng	100
85) Di-n-octyl phthalate	14.645	149	416971	37.837	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	501803	39.863	ng	100
88) Benzo(b)fluoranthene	15.110	252	365164	36.825	ng	100
89) Benzo(k)fluoranthene	15.139	252	352993	36.466	ng	100
90) Benzo(a)pyrene	15.486	252	363990	38.357	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	401876	39.266	ng	100
92) Benzo(g,h,i)perylene	17.515	276	404711	39.635	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC040

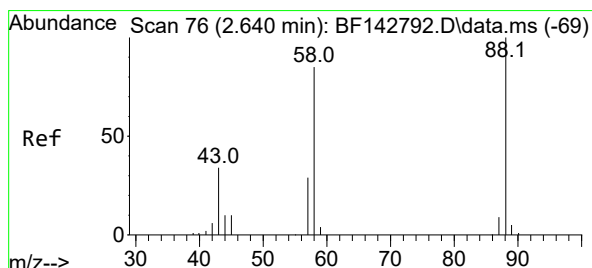
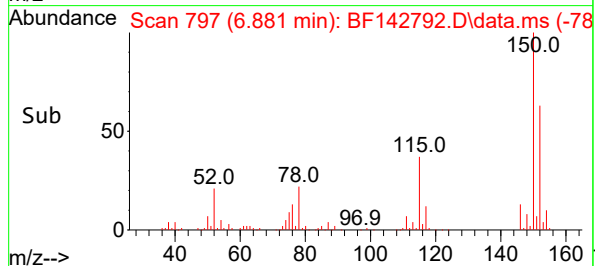
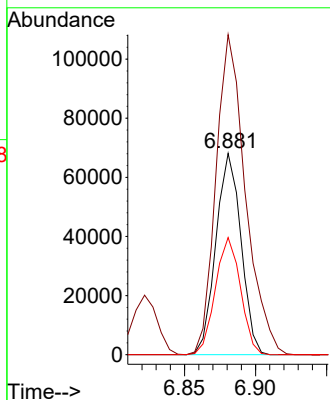
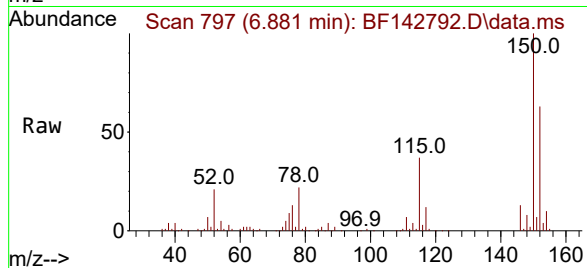
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

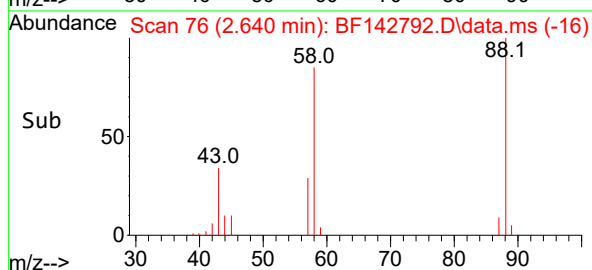
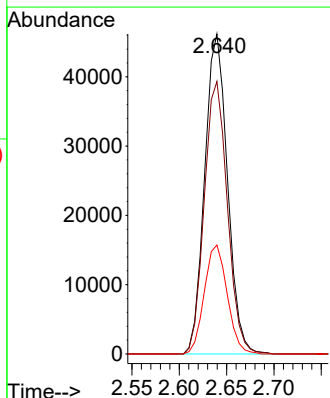
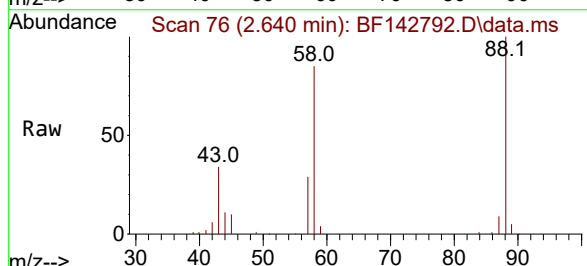
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

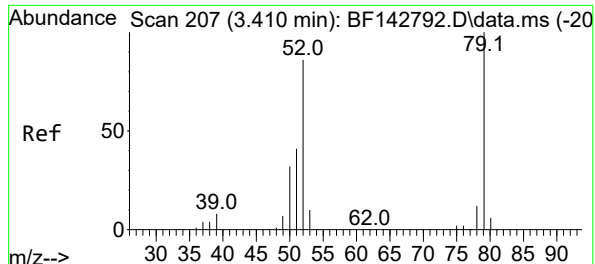
Tgt Ion:152 Resp: 83734
Ion Ratio Lower Upper
152 100
150 159.0 127.2 190.8
115 58.2 46.6 69.8



#2
1,4-Dioxane
Concen: 39.596 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 88 Resp: 77194
Ion Ratio Lower Upper
88 100
58 86.4 69.1 103.7
43 34.3 27.4 41.2

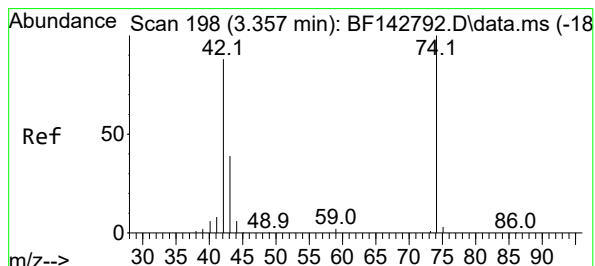
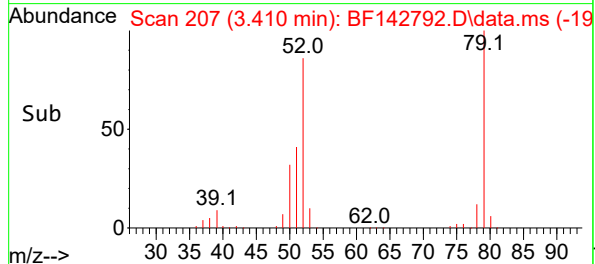
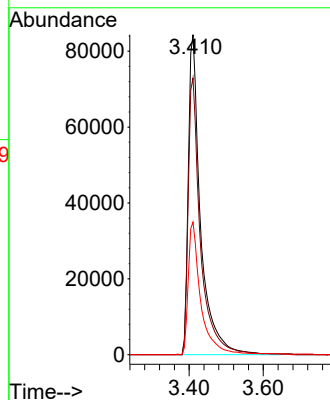
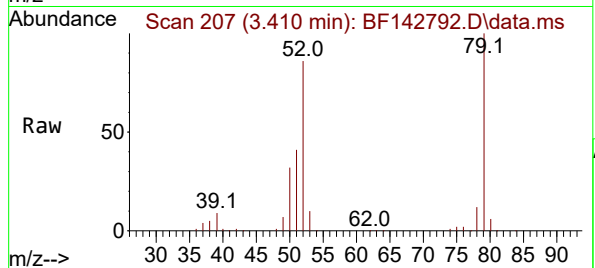




#3
Pyridine
Concen: 39.924 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

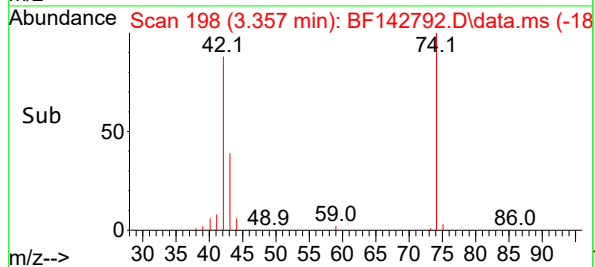
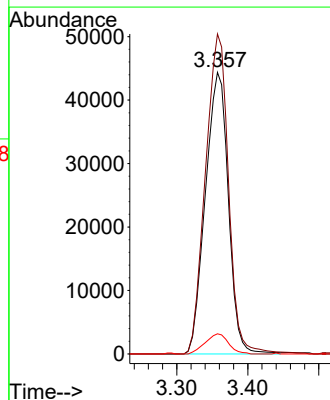
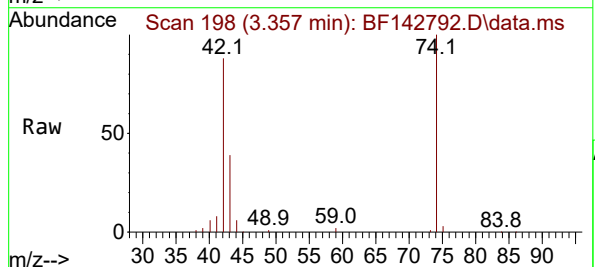
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

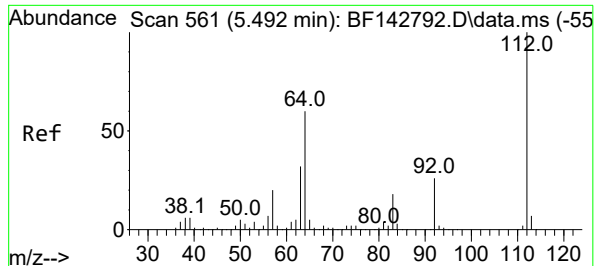
Tgt Ion: 79 Resp: 194866
Ion Ratio Lower Upper
79 100
52 86.5 69.2 103.8
51 41.5 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 39.943 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 42 Resp: 99851
Ion Ratio Lower Upper
42 100
74 113.6 90.9 136.3
44 7.2 5.8 8.6

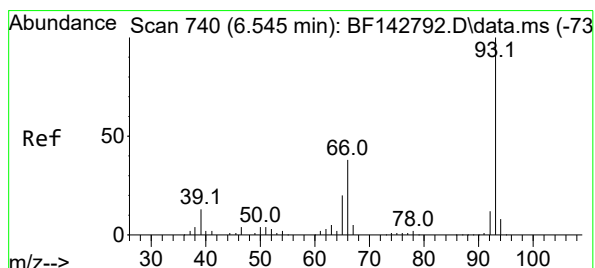
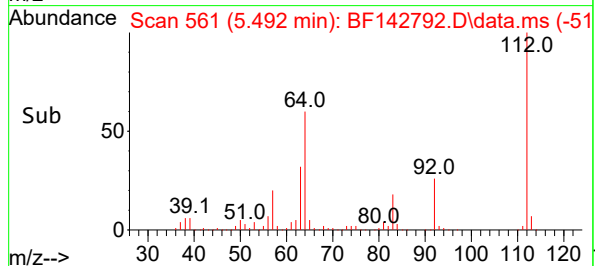
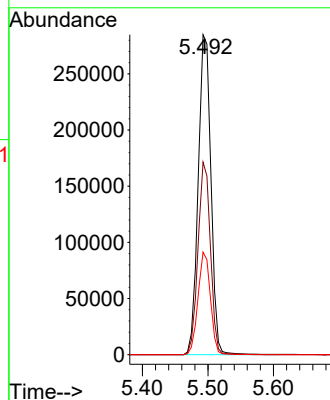
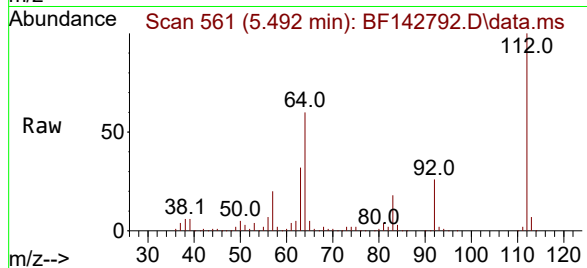




#5
2-Fluorophenol
Concen: 78.420 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

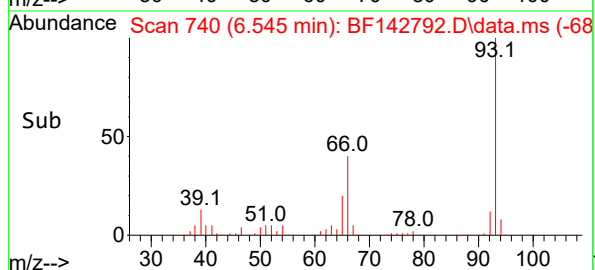
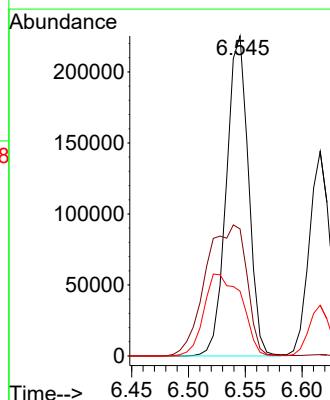
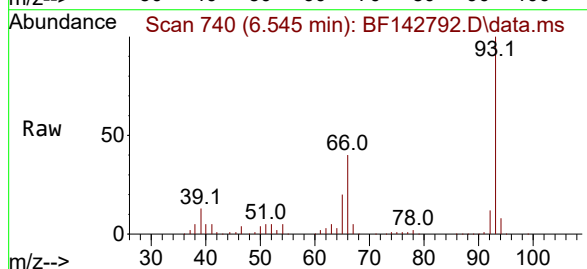
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

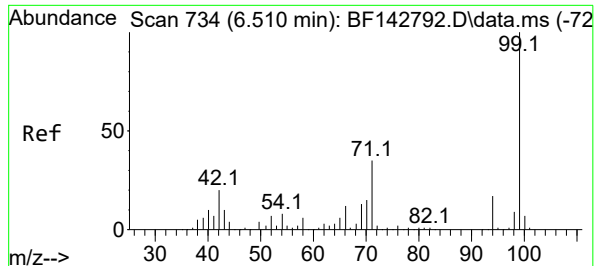
Tgt Ion:112 Resp: 384996
Ion Ratio Lower Upper
112 100
64 60.2 48.2 72.2
63 32.1 25.7 38.5



#6
Aniline
Concen: 39.397 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 93 Resp: 304377
Ion Ratio Lower Upper
93 100
66 39.7 31.8 47.6
65 20.2 16.2 24.2





#7

Phenol-d6

Concen: 77.879 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

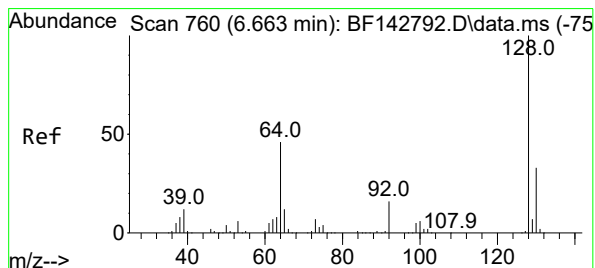
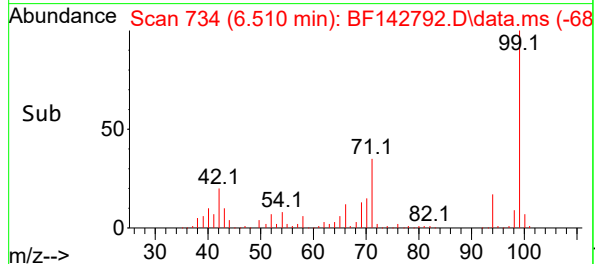
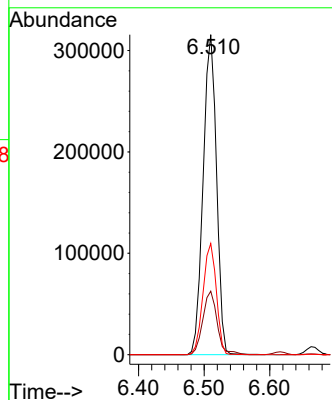
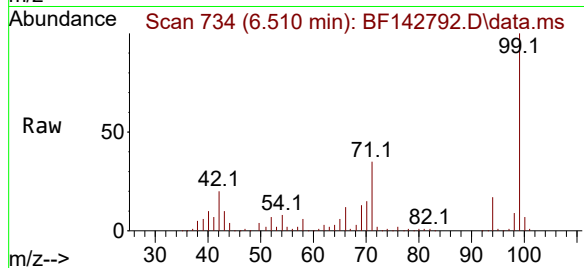
Tgt Ion: 99 Resp: 448961

Ion Ratio Lower Upper

99 100

42 19.9 15.9 23.9

71 34.8 27.8 41.8



#8

2-Chlorophenol

Concen: 38.992 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

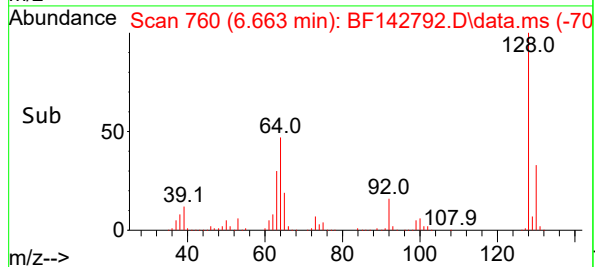
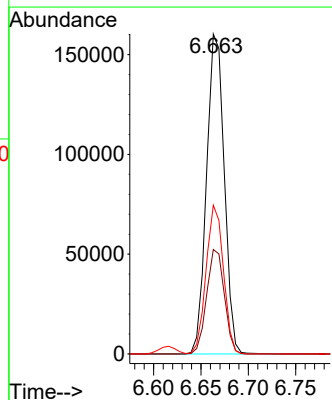
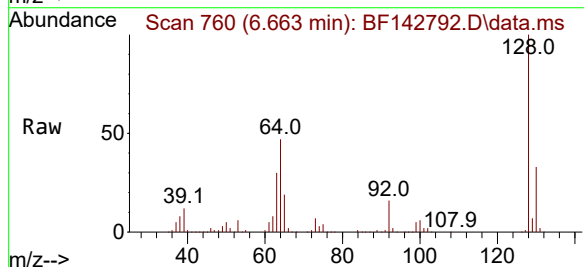
Tgt Ion:128 Resp: 208444

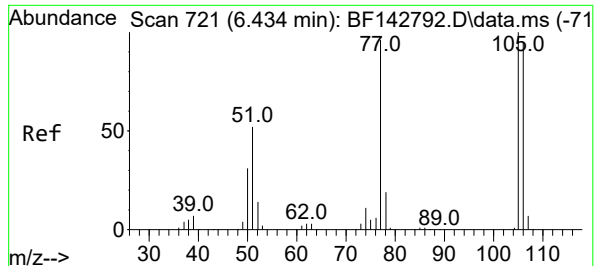
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 46.5 26.5 66.5





#9

Benzaldehyde

Concen: 36.063 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

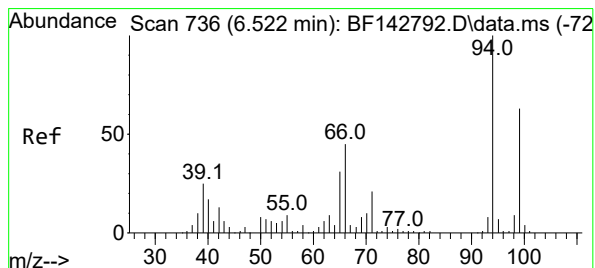
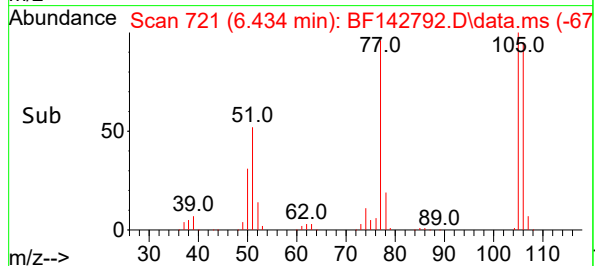
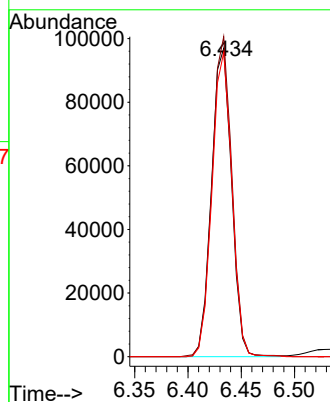
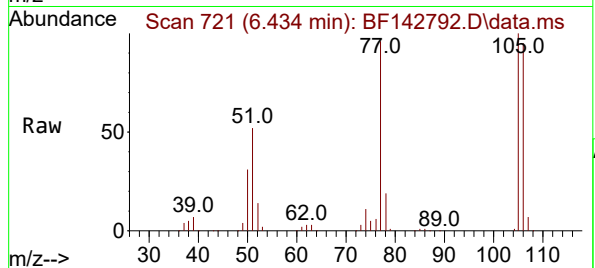
Tgt Ion: 77 Resp: 126748

Ion Ratio Lower Upper

77 100

105 103.8 83.8 123.8

106 98.7 78.7 118.7



#10

Phenol

Concen: 39.504 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

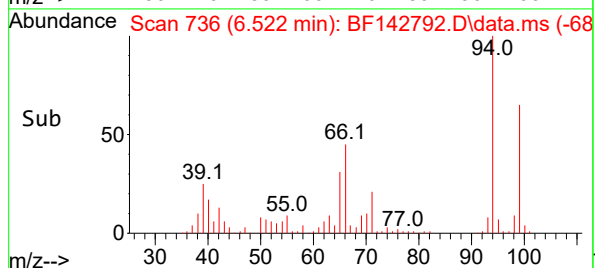
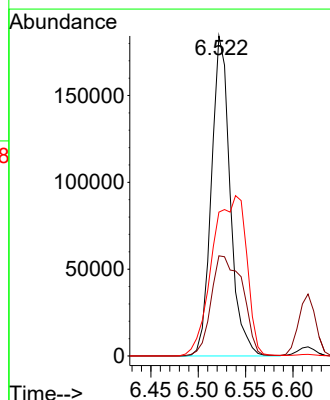
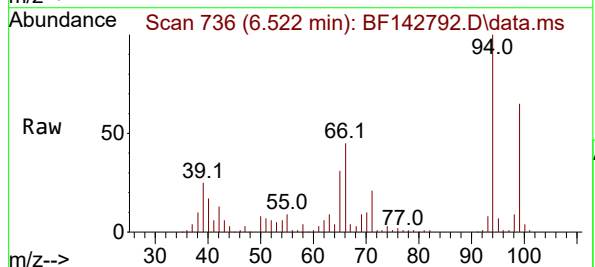
Tgt Ion: 94 Resp: 253916

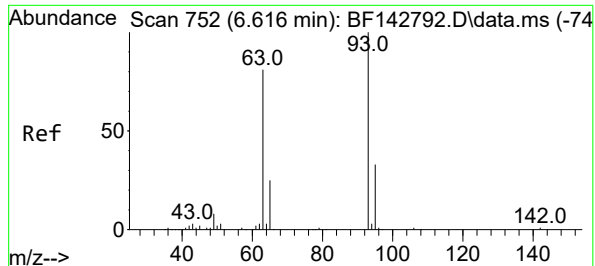
Ion Ratio Lower Upper

94 100

65 31.3 11.3 51.3

66 44.9 24.9 64.9

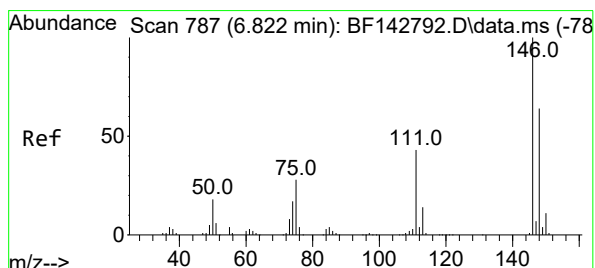
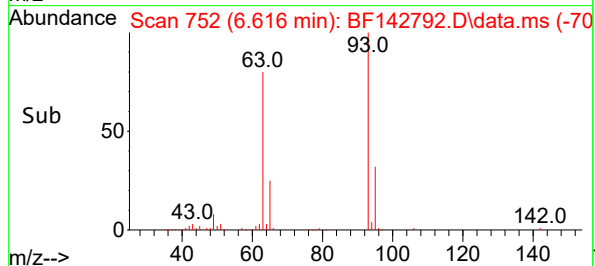
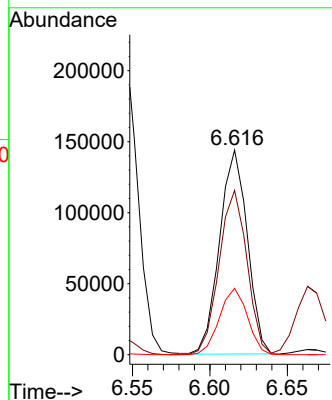
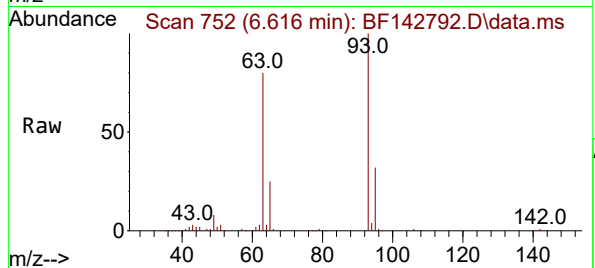




#11
bis(2-Chloroethyl)ether
Concen: 37.634 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

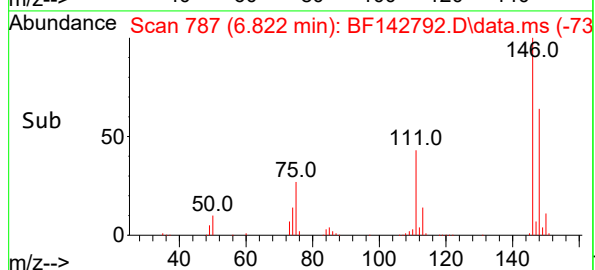
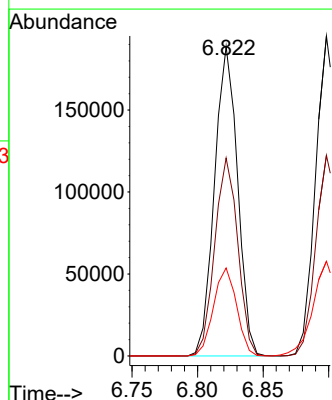
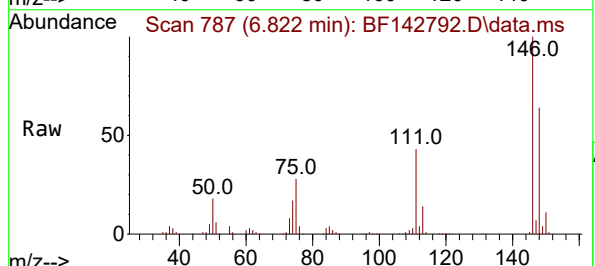
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

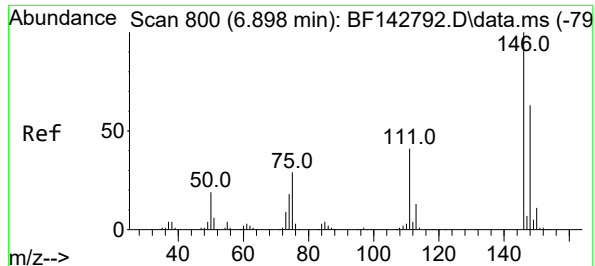
Tgt Ion: 93 Resp: 179469
Ion Ratio Lower Upper
93 100
63 80.3 60.3 100.3
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 37.892 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 146 Resp: 230658
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
75 28.4 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 38.243 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

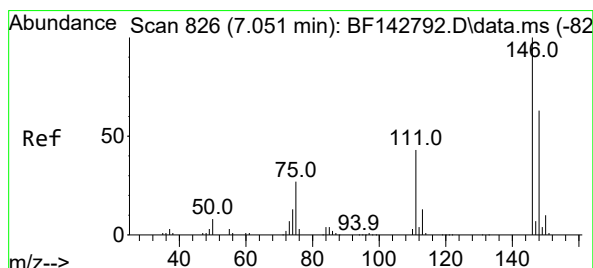
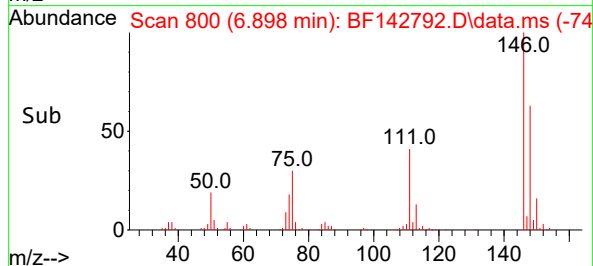
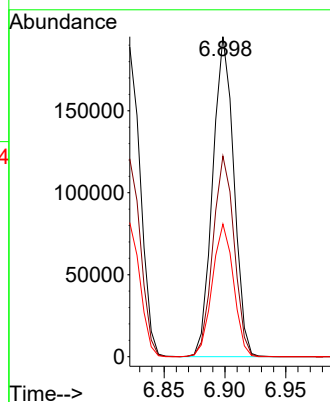
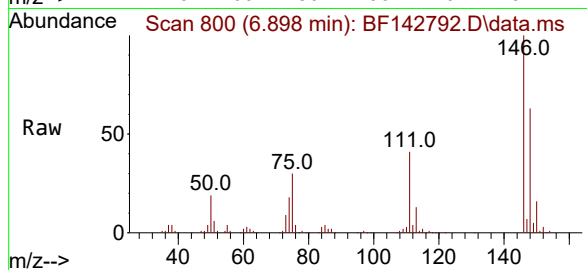
Tgt Ion:146 Resp: 235951

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

111 41.5 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 37.805 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

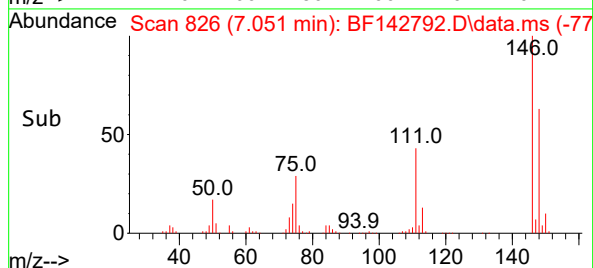
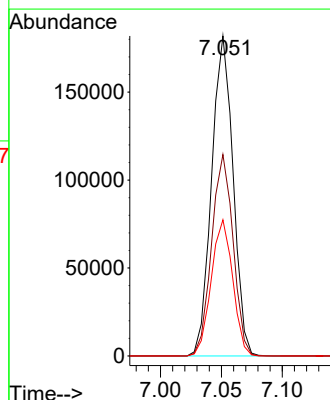
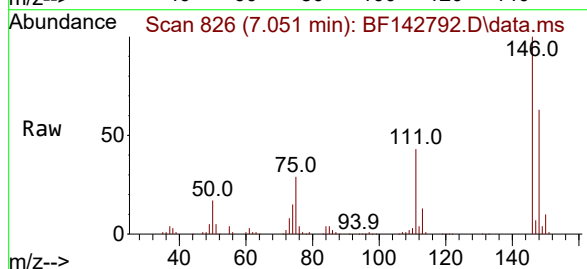
Tgt Ion:146 Resp: 222976

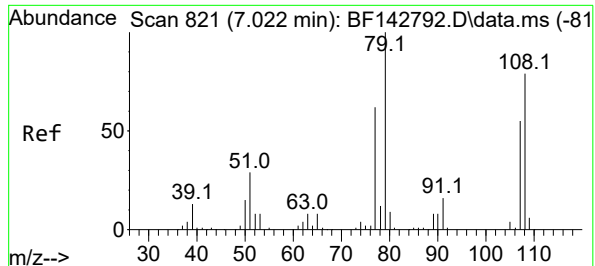
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 42.6 34.1 51.1





#15

Benzyl Alcohol

Concen: 37.888 ng

RT: 7.022 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

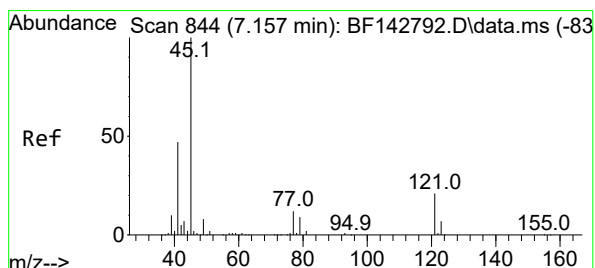
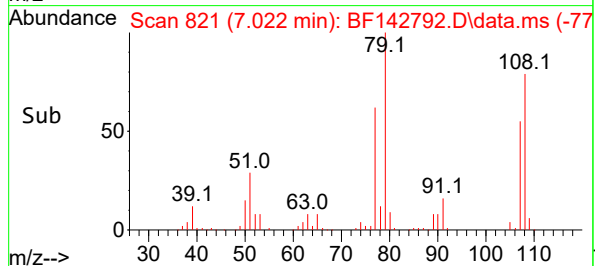
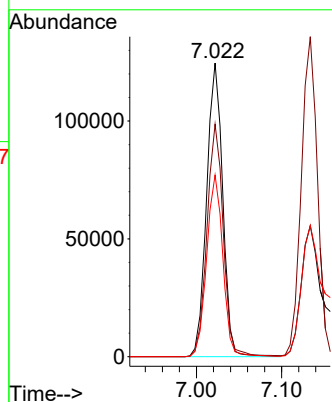
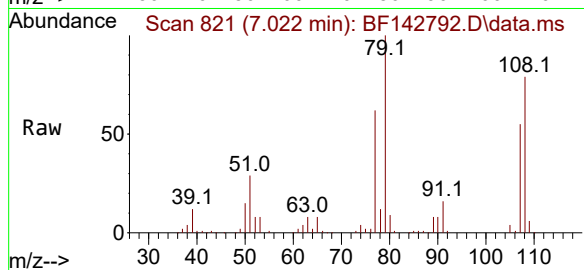
Tgt Ion: 79 Resp: 163491

Ion Ratio Lower Upper

79 100

108 79.2 63.4 95.0

77 61.9 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.400 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

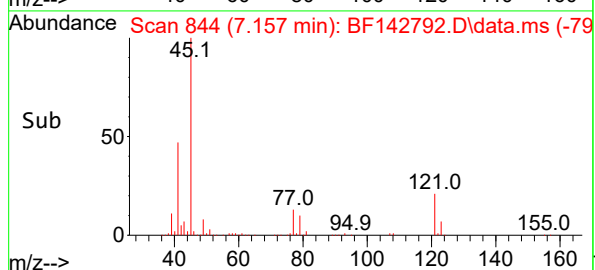
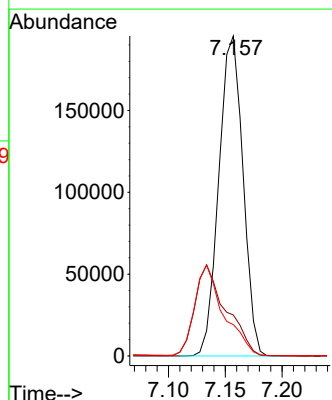
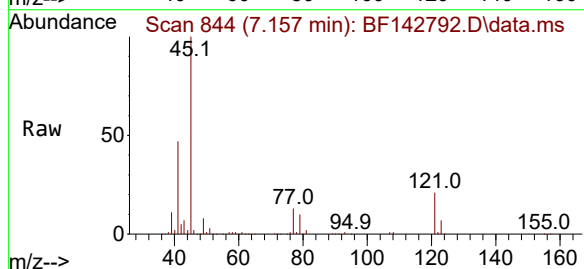
Tgt Ion: 45 Resp: 288515

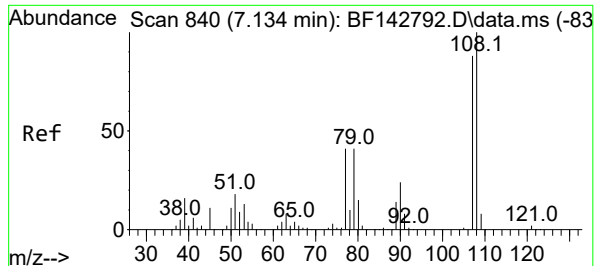
Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.8

79 9.8 0.0 29.8





#17

2-Methylphenol

Concen: 38.454 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

Tgt Ion:107 Resp: 157159

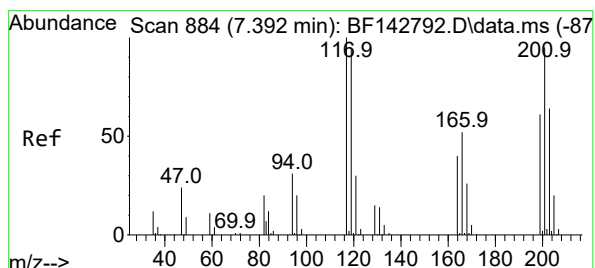
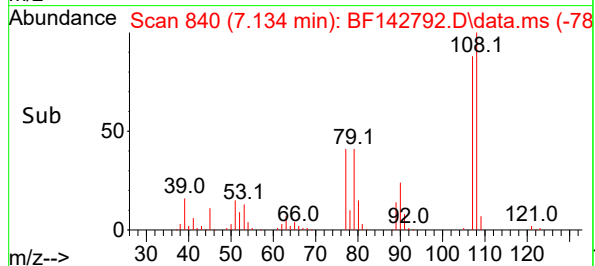
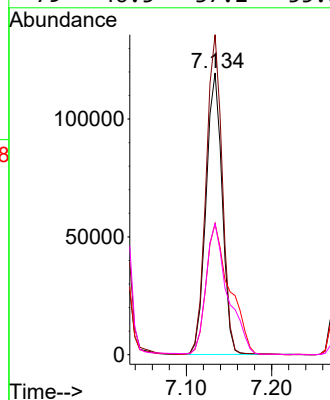
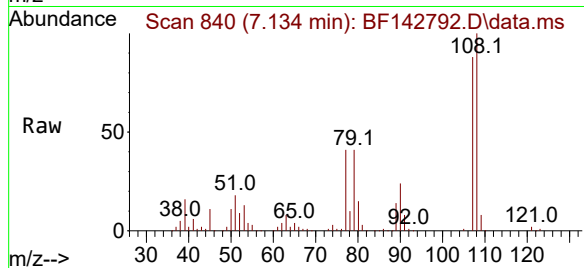
Ion Ratio Lower Upper

107 100

108 113.6 90.9 136.3

77 46.6 37.3 55.9

79 46.5 37.2 55.8



#18

Hexachloroethane

Concen: 37.870 ng

RT: 7.392 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

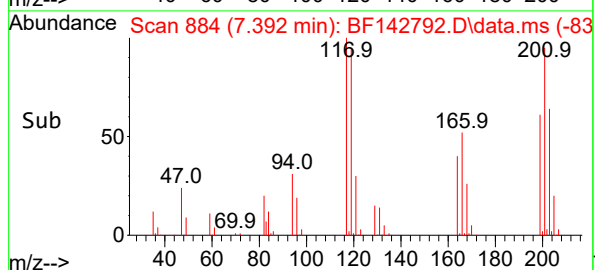
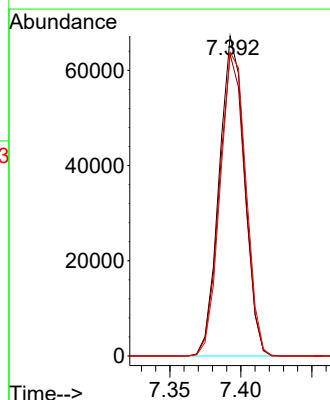
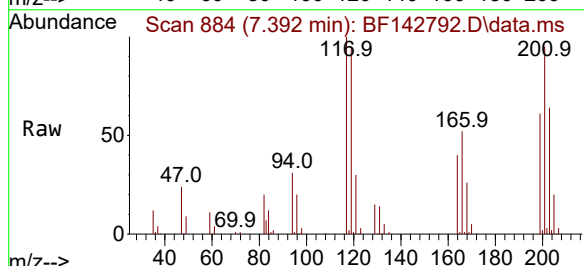
Tgt Ion:117 Resp: 83524

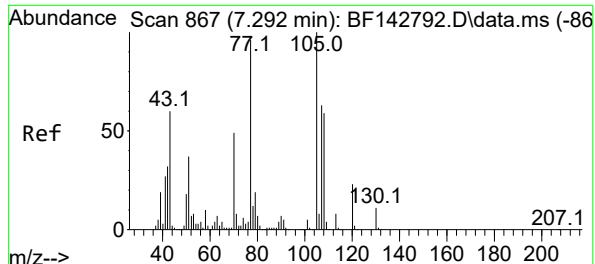
Ion Ratio Lower Upper

117 100

119 94.2 75.4 113.0

201 94.9 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 36.251 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

Tgt Ion: 70 Resp: 131792

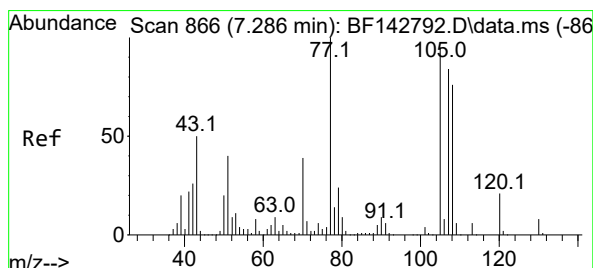
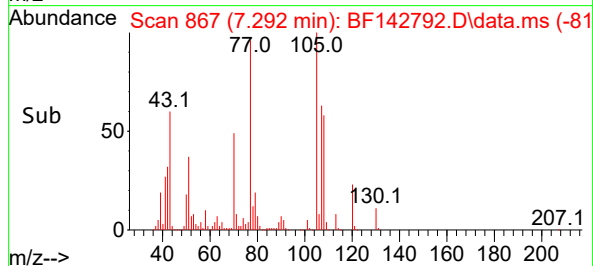
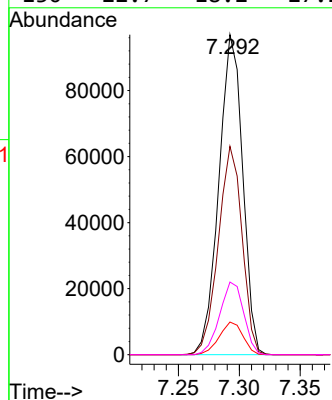
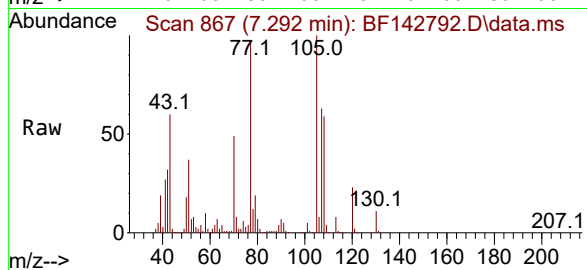
Ion Ratio Lower Upper

70 100

42 65.1 52.1 78.1

101 10.2 8.2 12.2

130 22.7 18.2 27.2



#20

3+4-Methylphenols

Concen: 38.274 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Tgt Ion: 107 Resp: 196876

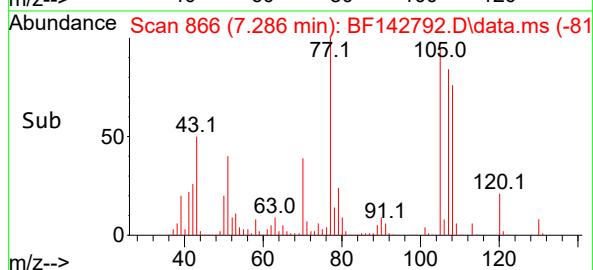
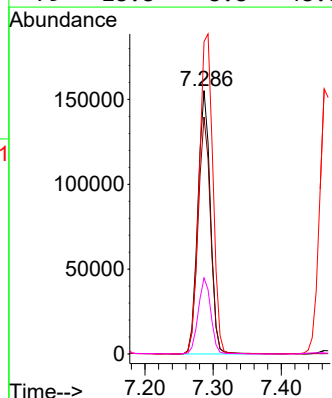
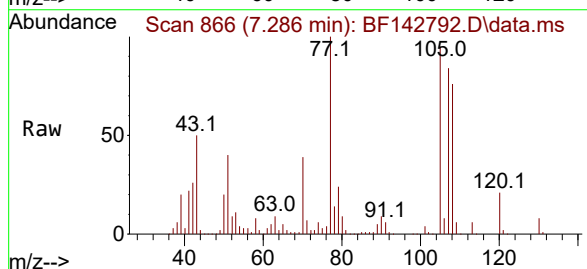
Ion Ratio Lower Upper

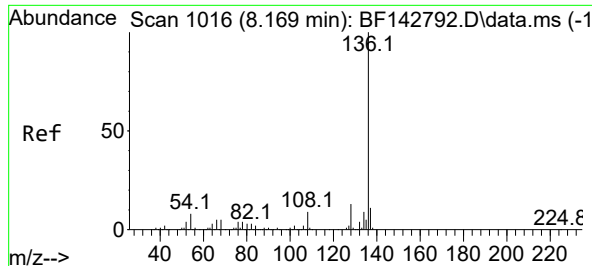
107 100

108 90.0 70.0 110.0

77 118.5 98.5 138.5

79 28.8 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

Tgt Ion:136 Resp: 313297

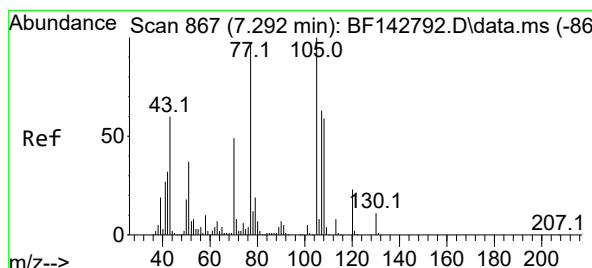
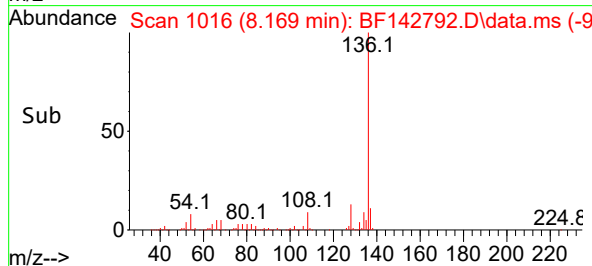
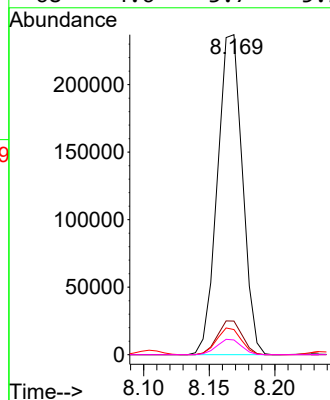
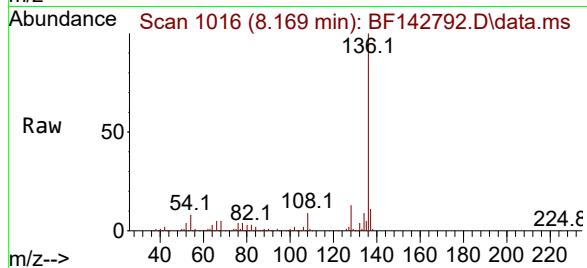
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 7.9 6.3 9.5

68 4.6 3.7 5.5



#22

Acetophenone

Concen: 37.828 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Tgt Ion:105 Resp: 262224

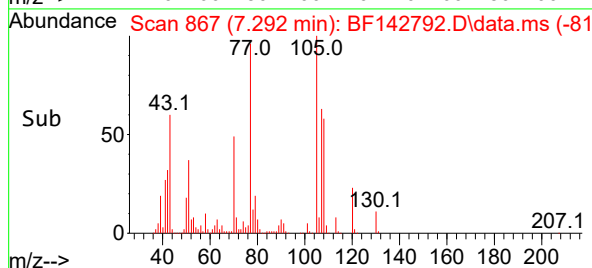
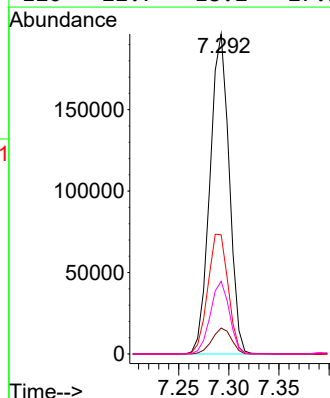
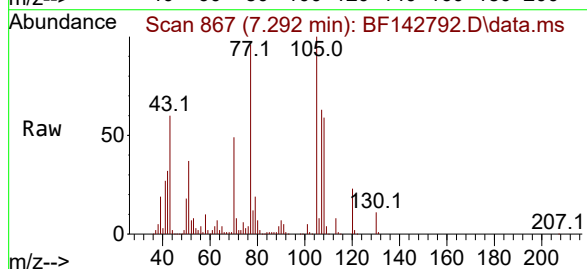
Ion Ratio Lower Upper

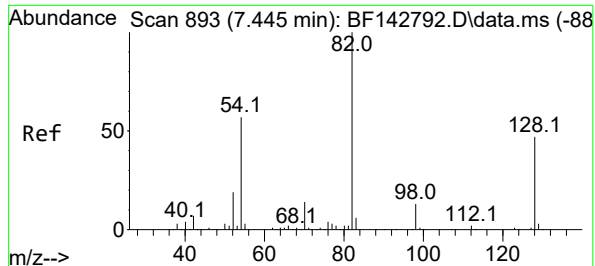
105 100

71 8.1 6.5 9.7

51 37.3 29.8 44.8

120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 77.580 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

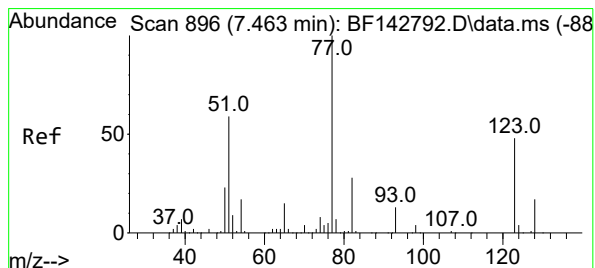
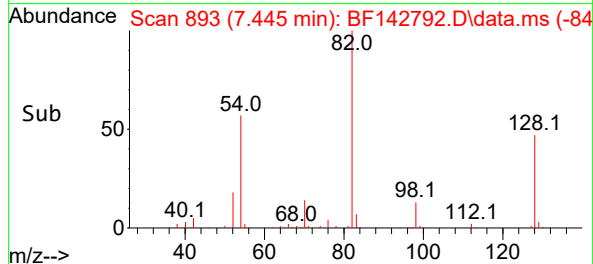
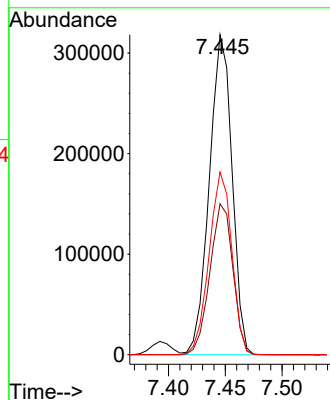
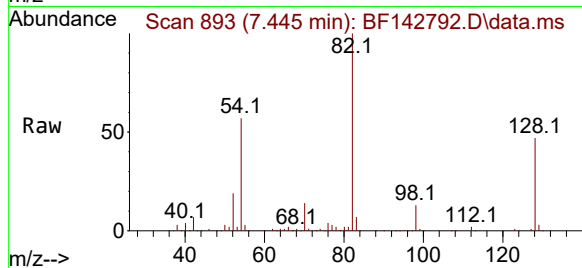
Tgt Ion: 82 Resp: 443431

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

54 57.1 45.7 68.5



#24

Nitrobenzene

Concen: 39.383 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

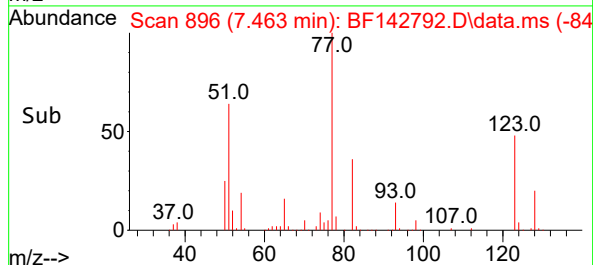
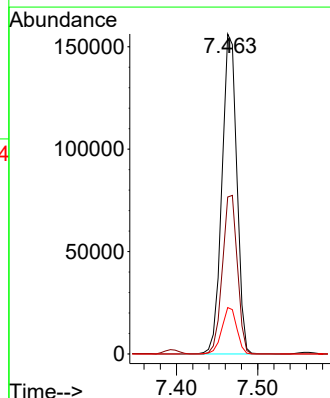
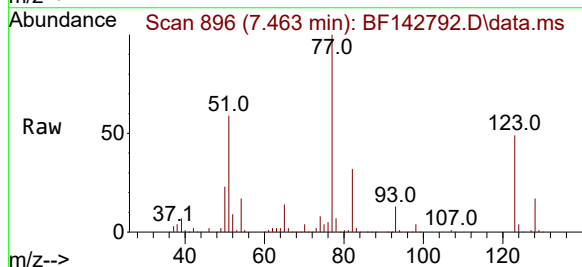
Tgt Ion: 77 Resp: 200051

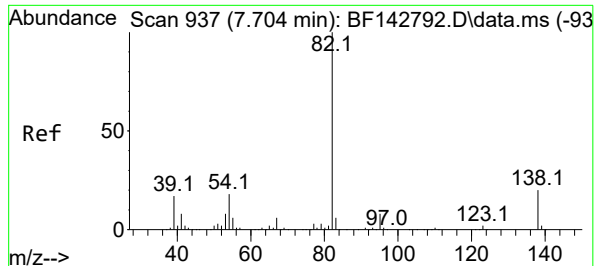
Ion Ratio Lower Upper

77 100

123 49.0 39.2 58.8

65 14.5 11.6 17.4

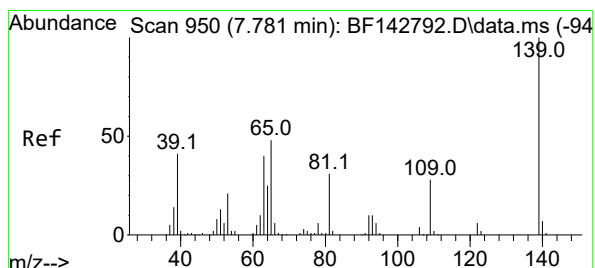
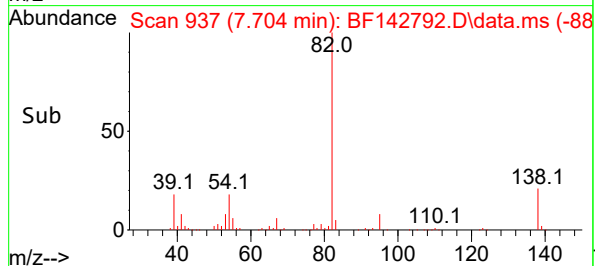
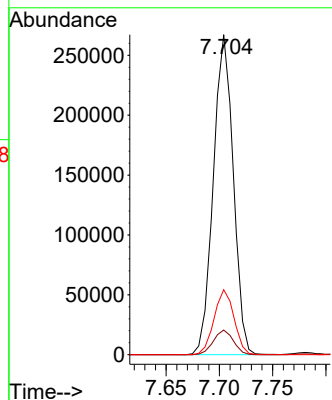
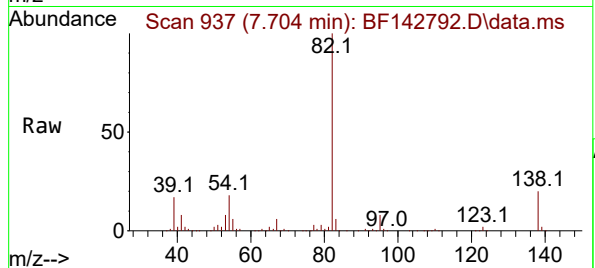




#25
Isophorone
Concen: 36.294 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

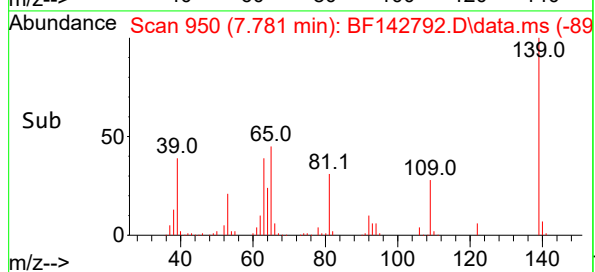
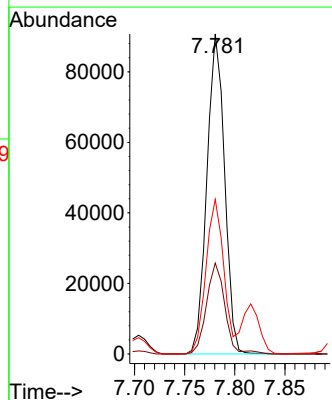
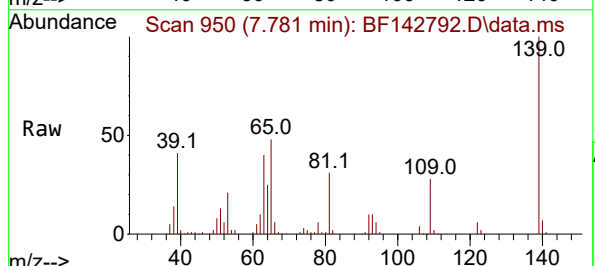
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

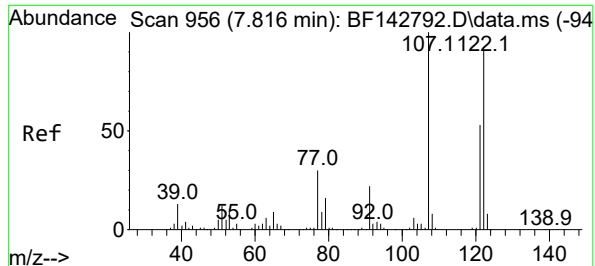
Tgt Ion: 82 Resp: 347894
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.3 16.2 24.4



#26
2-Nitrophenol
Concen: 39.497 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion: 139 Resp: 111792
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 48.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 38.974 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

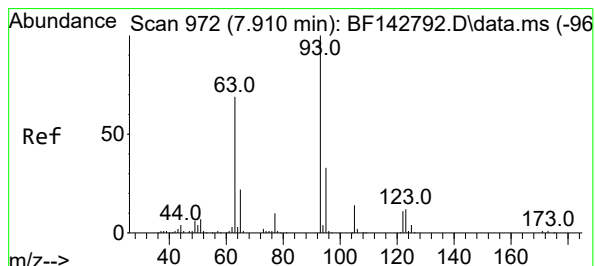
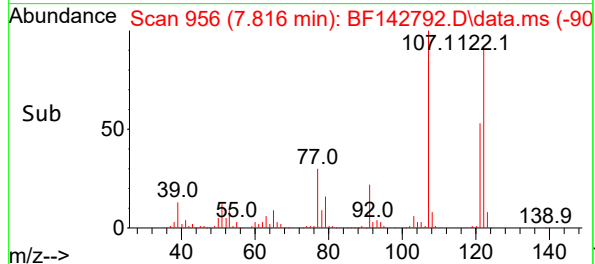
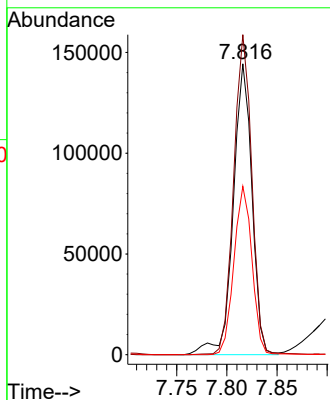
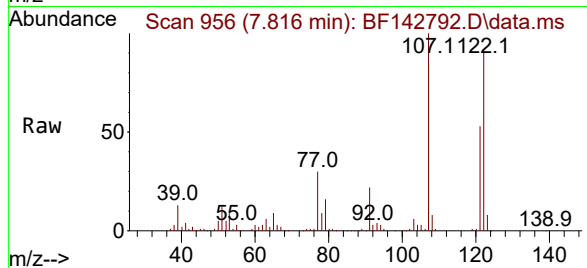
Tgt Ion:122 Resp: 187808

Ion Ratio Lower Upper

122 100

107 110.0 88.0 132.0

121 57.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 37.249 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

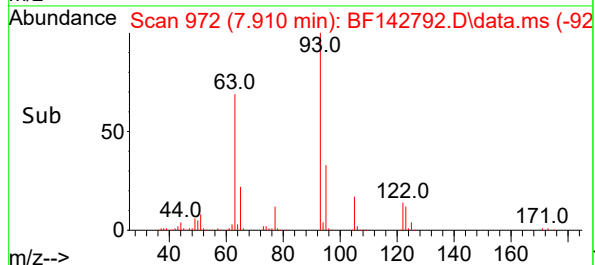
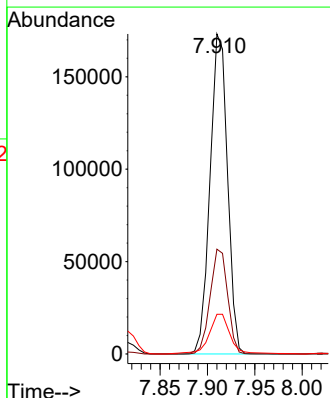
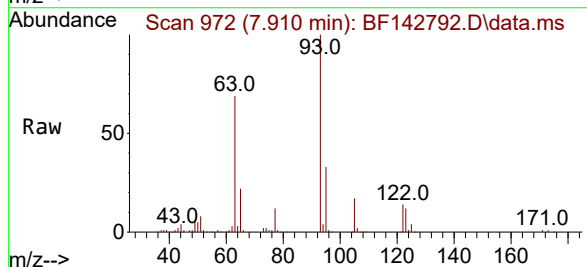
Tgt Ion: 93 Resp: 222264

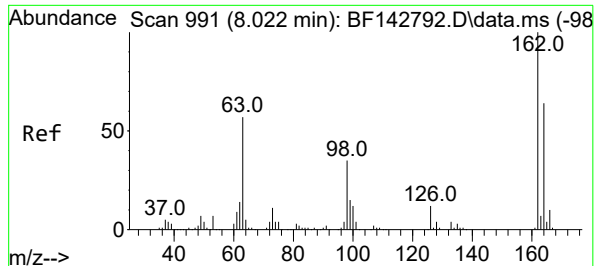
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 38.576 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

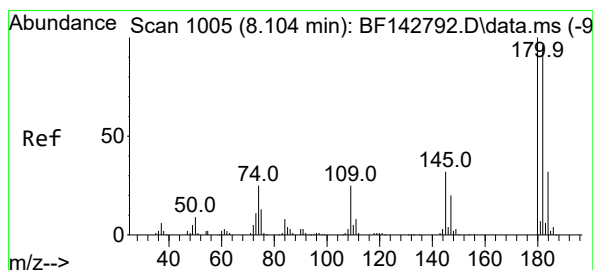
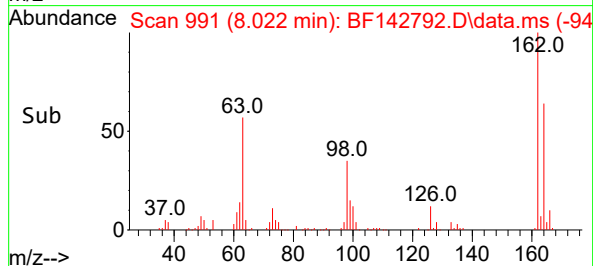
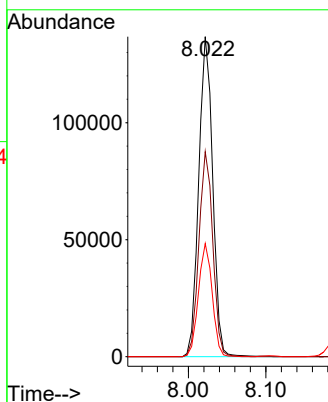
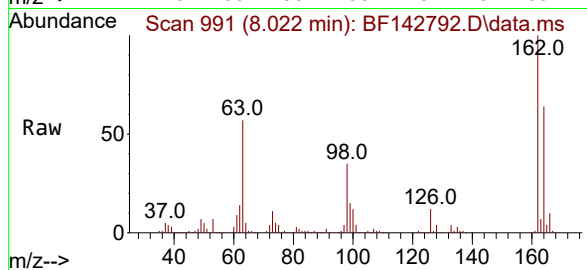
Tgt Ion:162 Resp: 171329

Ion Ratio Lower Upper

162 100

164 64.0 44.0 84.0

98 35.4 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 38.155 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

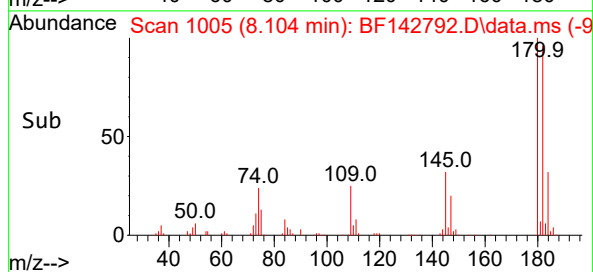
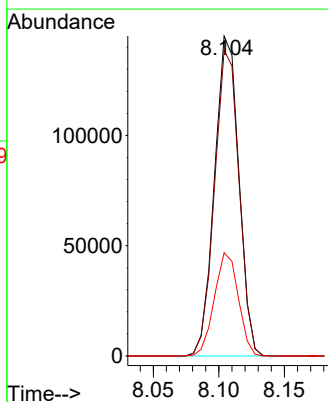
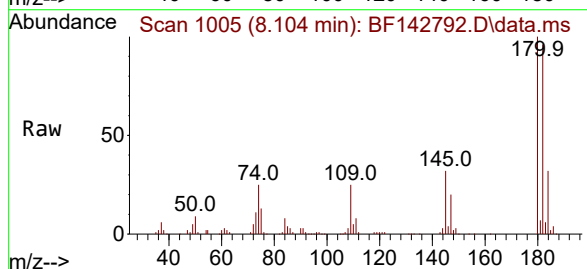
Tgt Ion:180 Resp: 187194

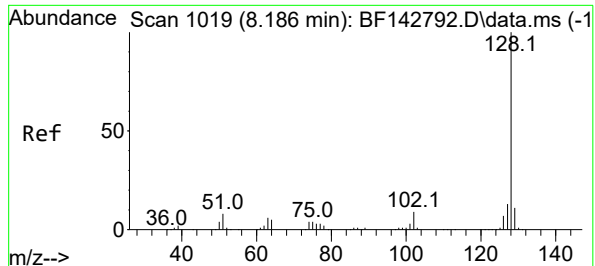
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 32.3 25.8 38.8





#31

Naphthalene

Concen: 37.966 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

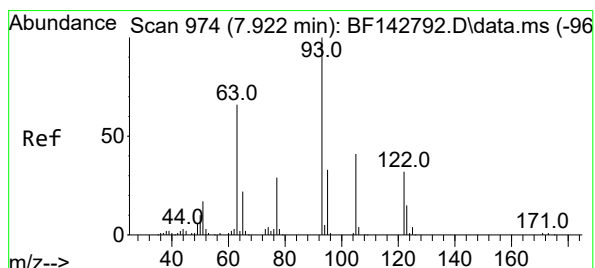
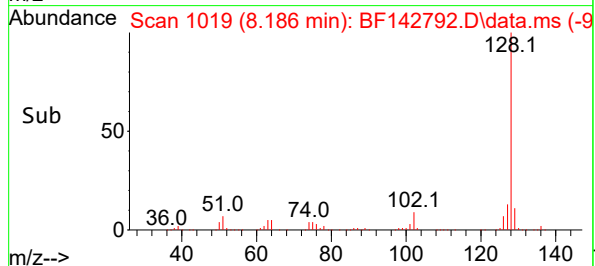
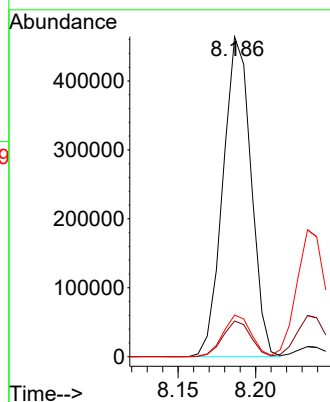
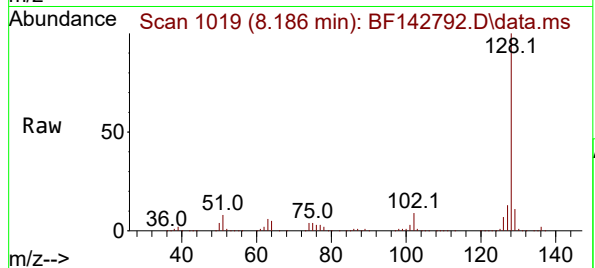
Tgt Ion:128 Resp: 584986

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 36.734 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

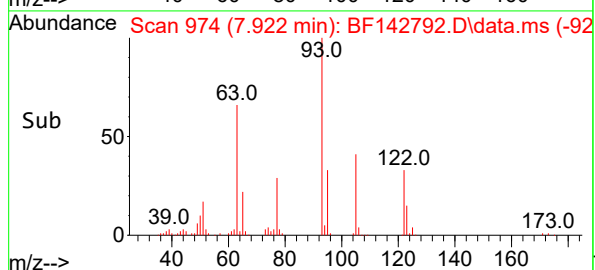
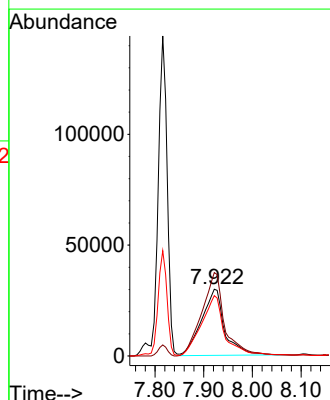
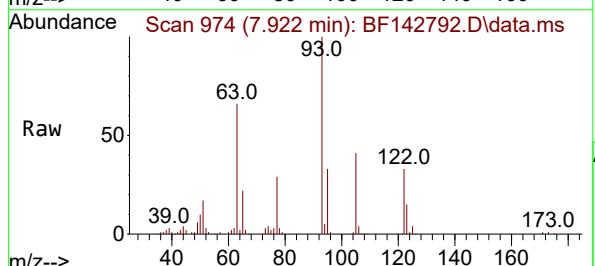
Tgt Ion:122 Resp: 98210

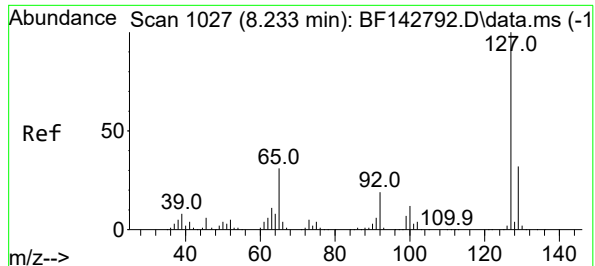
Ion Ratio Lower Upper

122 100

105 124.7 104.7 144.7

77 90.2 70.2 110.2





#33

4-Chloroaniline

Concen: 38.432 ng

RT: 8.233 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

Tgt Ion:127 Resp: 237317

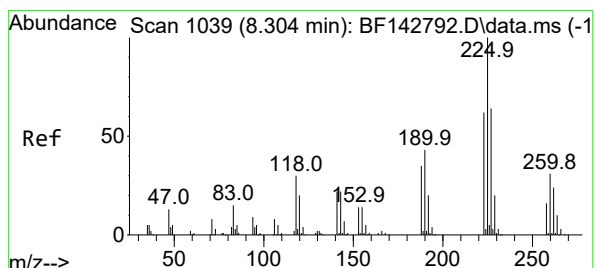
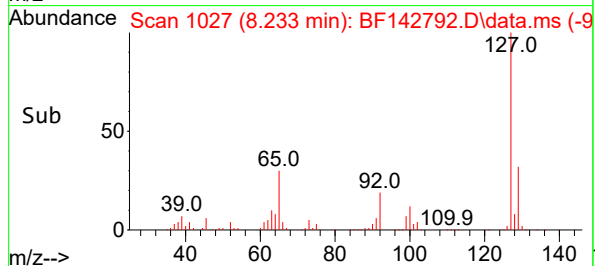
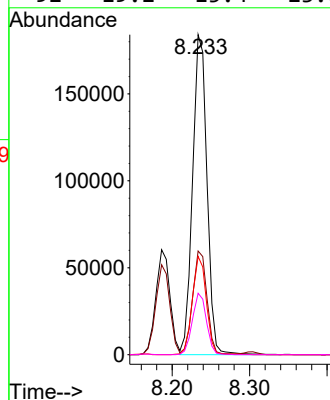
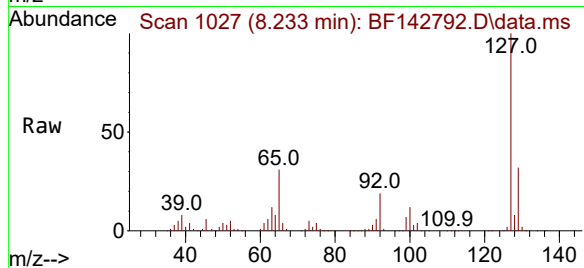
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 30.7 24.6 36.8

92 19.2 15.4 23.0



#34

Hexachlorobutadiene

Concen: 37.099 ng

RT: 8.304 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

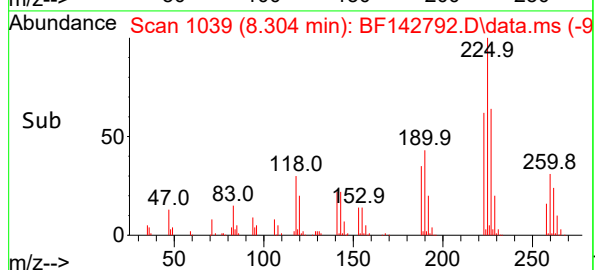
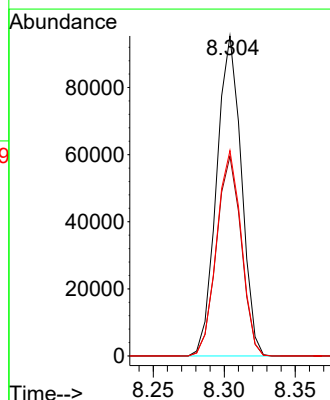
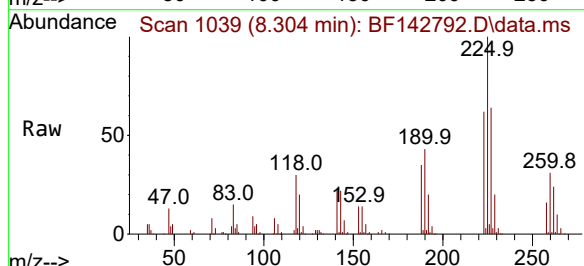
Tgt Ion:225 Resp: 115333

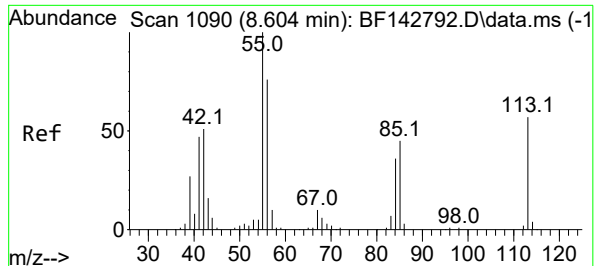
Ion Ratio Lower Upper

225 100

223 62.4 49.9 74.9

227 64.2 51.4 77.0

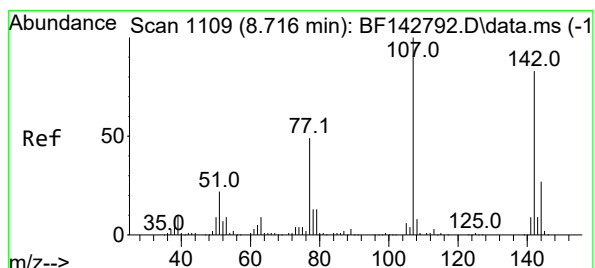
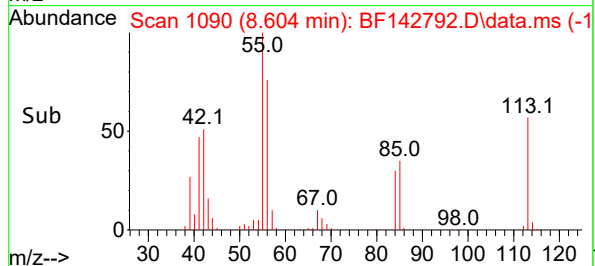
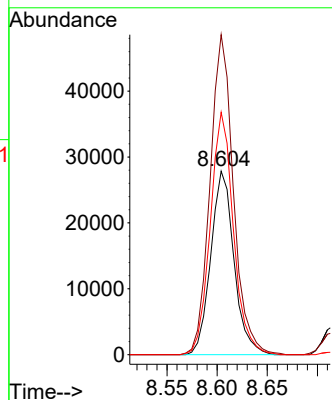
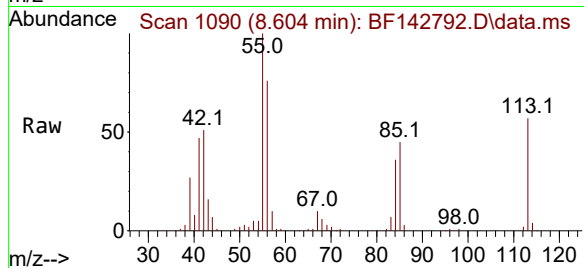




#35
Caprolactam
Concen: 37.583 ng
RT: 8.604 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

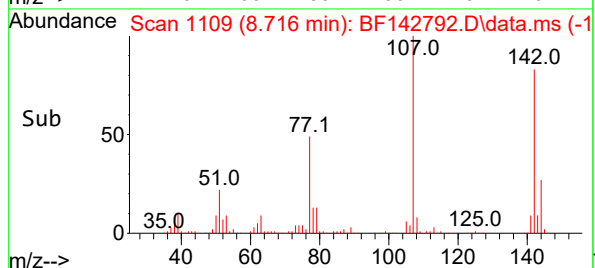
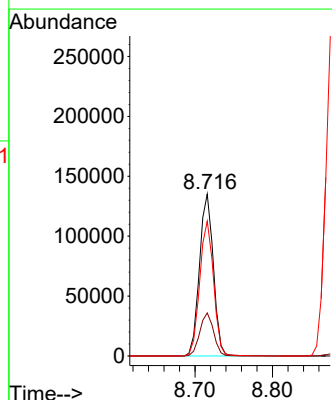
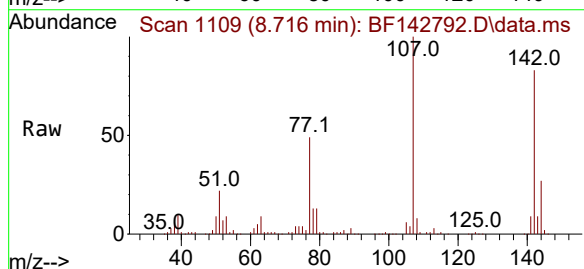
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

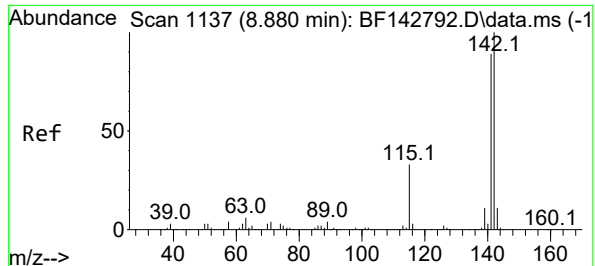
Tgt Ion:113 Resp: 44914
Ion Ratio Lower Upper
113 100
55 174.4 154.4 194.4
56 132.1 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 36.695 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:107 Resp: 168353
Ion Ratio Lower Upper
107 100
144 26.6 21.3 31.9
142 83.3 66.6 100.0

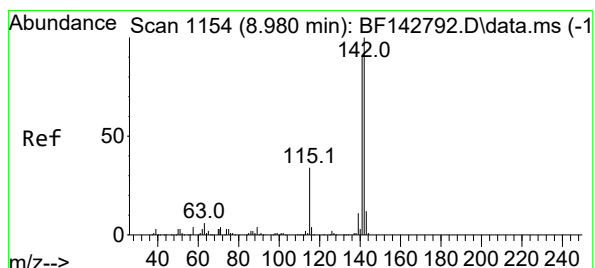
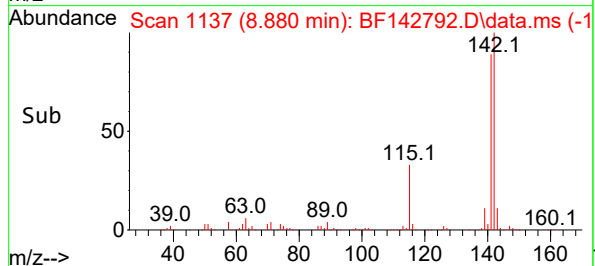
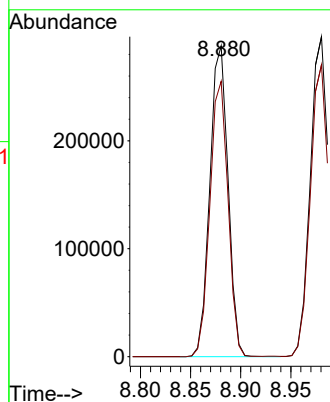
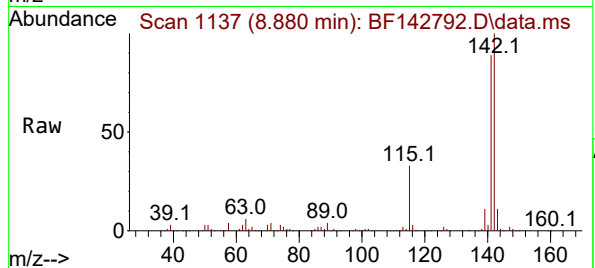




#37
2-Methylnaphthalene
Concen: 37.313 ng
RT: 8.880 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

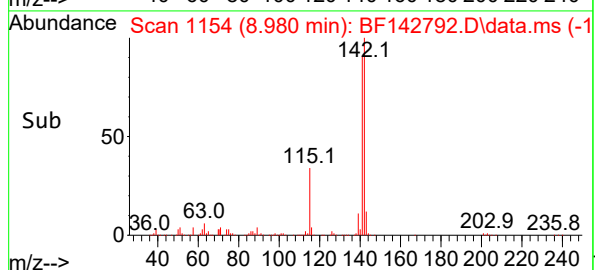
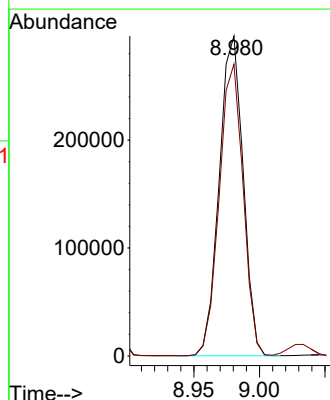
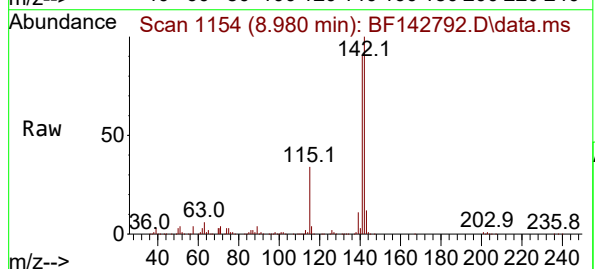
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

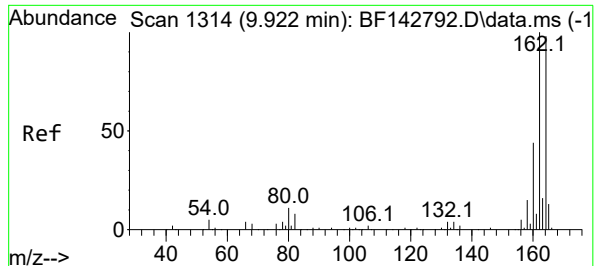
Tgt Ion:142 Resp: 362692
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#38
1-Methylnaphthalene
Concen: 37.143 ng
RT: 8.980 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:142 Resp: 374836
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

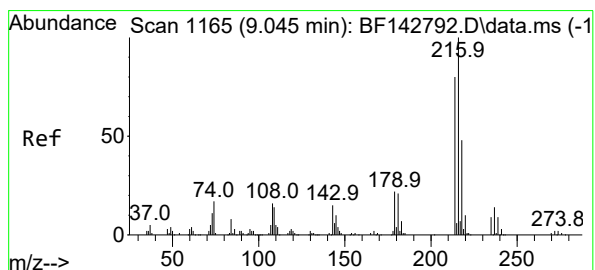
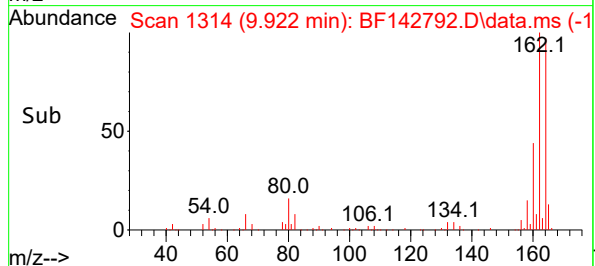
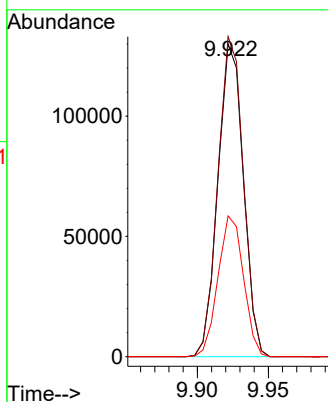
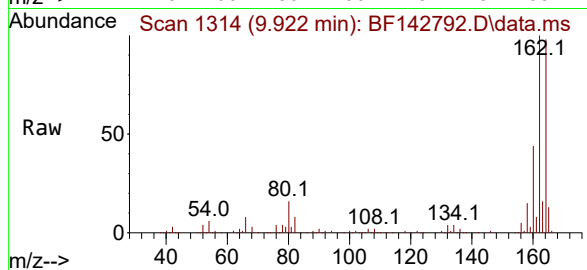
Tgt Ion:164 Resp: 161991

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

160 45.0 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.596 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Tgt Ion:216 Resp: 180481

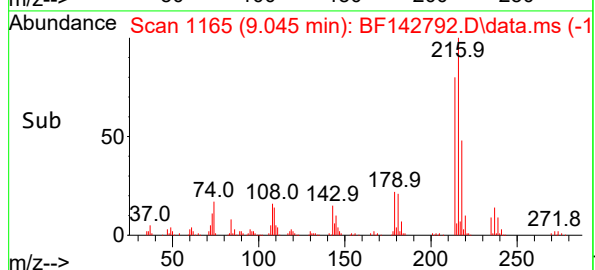
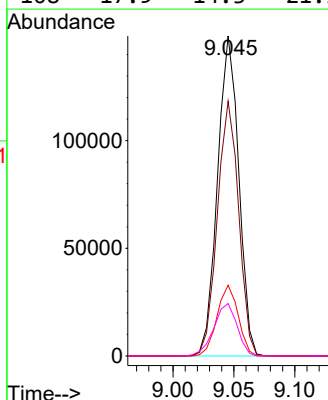
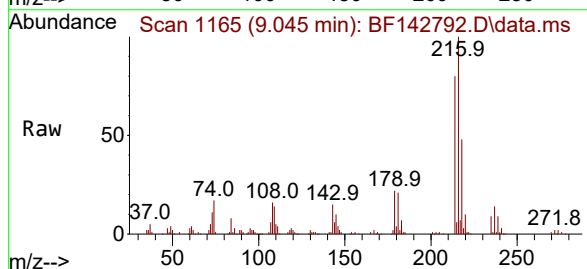
Ion Ratio Lower Upper

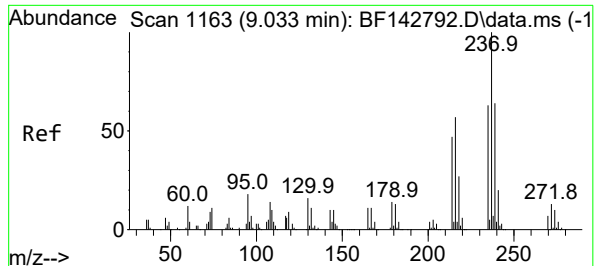
216 100

214 79.6 63.7 95.5

179 22.0 17.6 26.4

108 17.9 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 36.863 ng

RT: 9.033 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

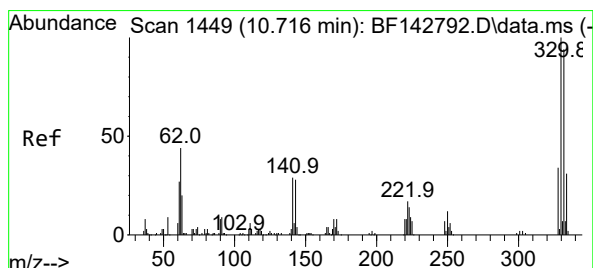
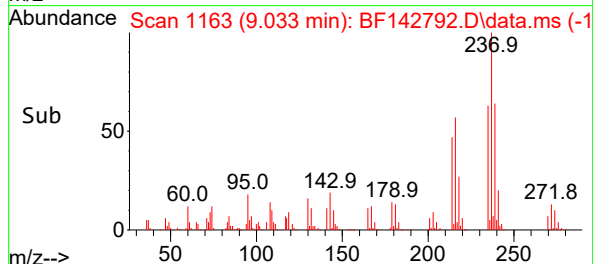
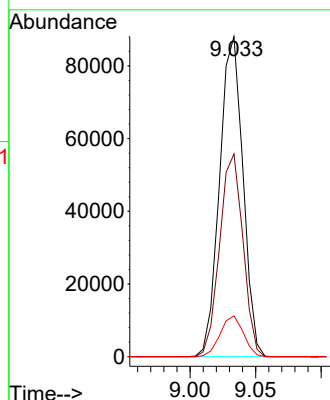
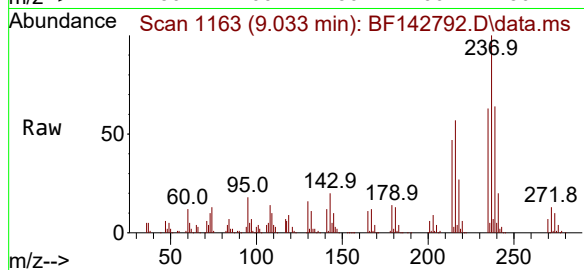
Tgt Ion:237 Resp: 108999

Ion Ratio Lower Upper

237 100

235 63.4 43.4 83.4

272 12.7 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 73.654 ng

RT: 10.716 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

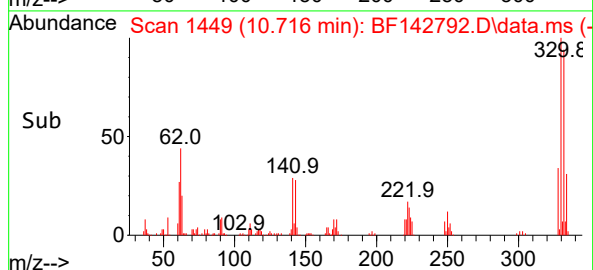
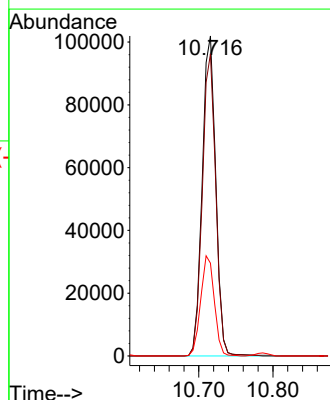
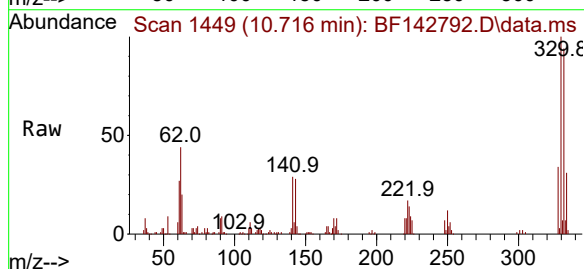
Tgt Ion:330 Resp: 129669

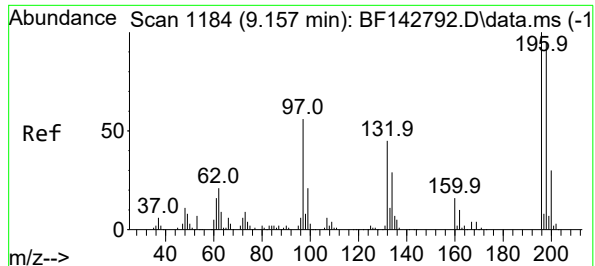
Ion Ratio Lower Upper

330 100

332 93.8 75.0 112.6

141 31.6 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 39.129 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142792.D

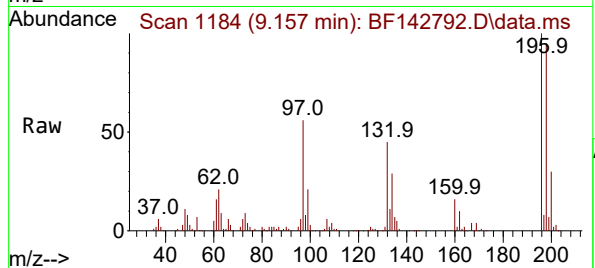
Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040



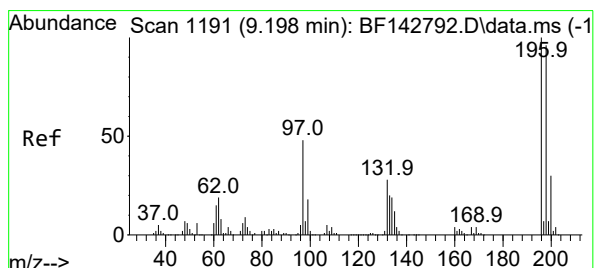
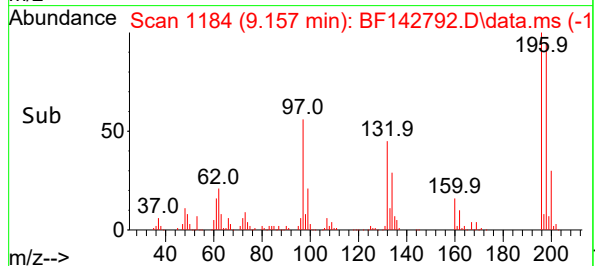
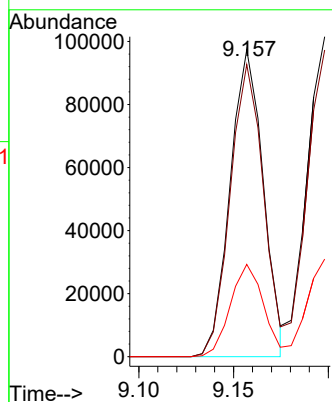
Tgt Ion:196 Resp: 118412

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

200 30.1 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 38.774 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Tgt Ion:196 Resp: 126712

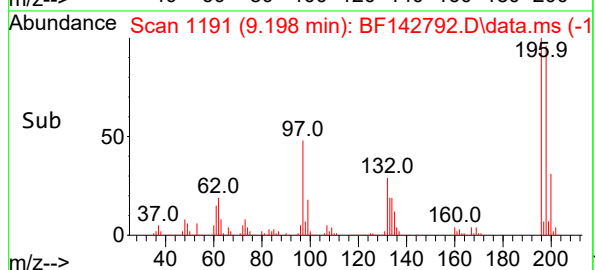
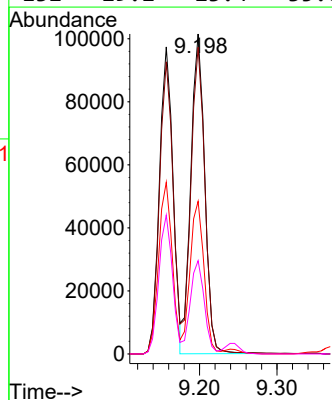
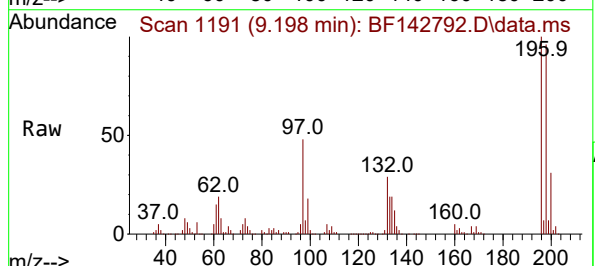
Ion Ratio Lower Upper

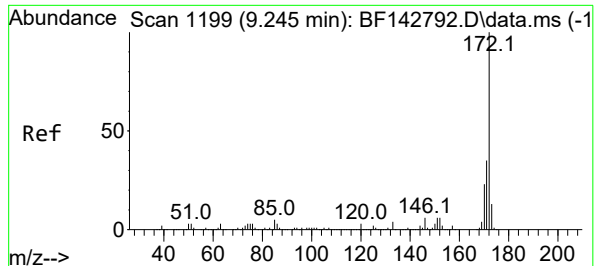
196 100

198 95.8 76.6 115.0

97 47.7 38.2 57.2

132 29.2 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 76.120 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

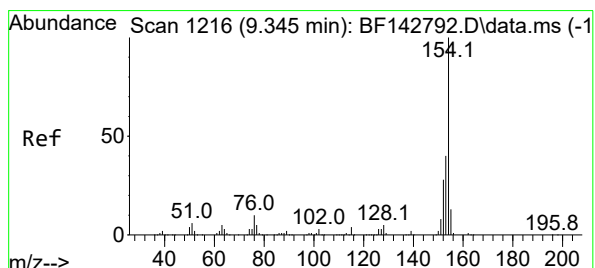
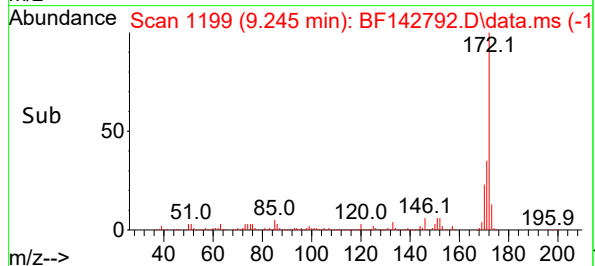
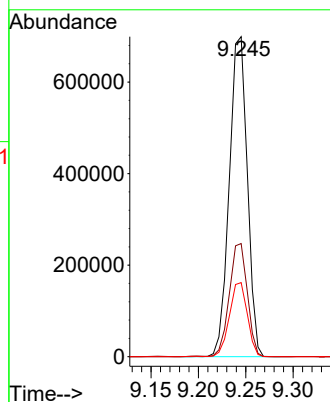
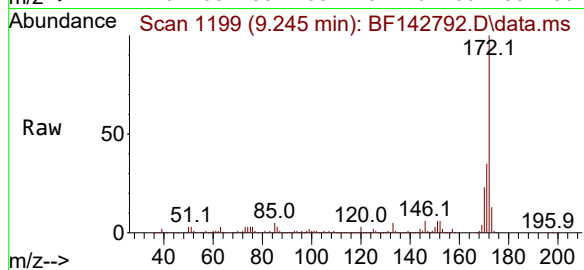
Tgt Ion:172 Resp: 926905

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.1 18.5 27.7



#46

1,1'-Biphenyl

Concen: 38.765 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

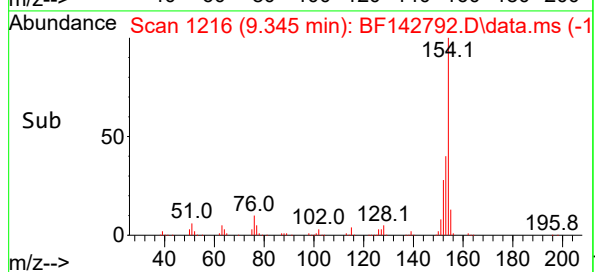
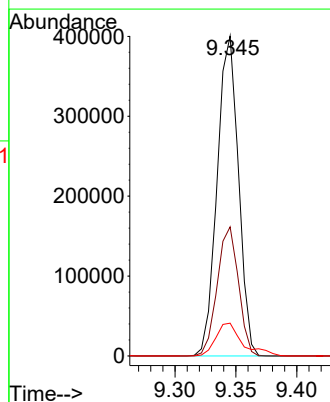
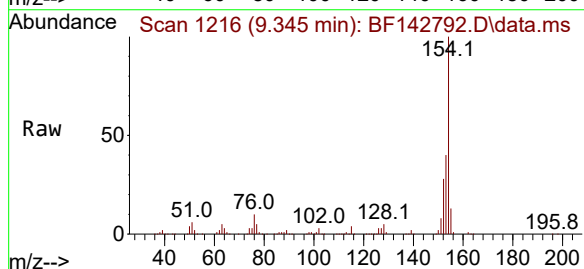
Tgt Ion:154 Resp: 487587

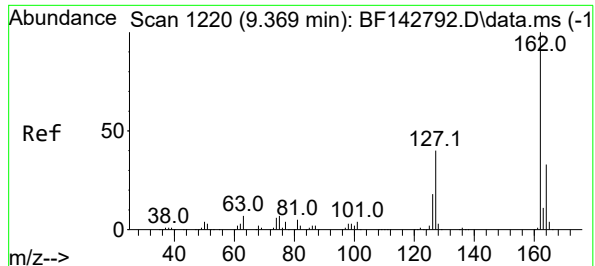
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 10.3 0.0 30.3





#47

2-Chloronaphthalene

Concen: 39.408 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

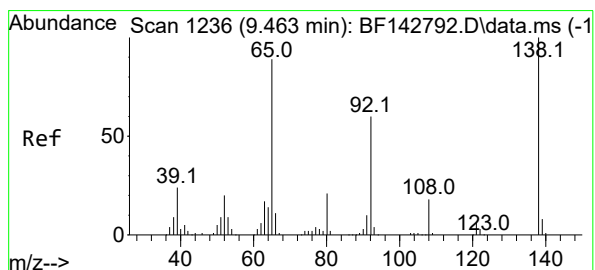
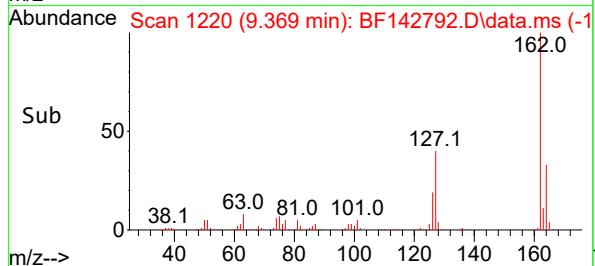
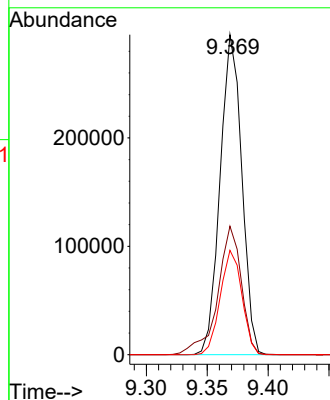
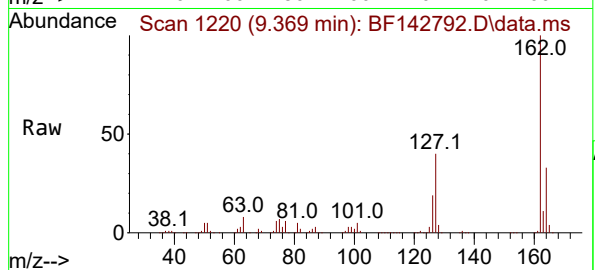
Tgt Ion:162 Resp: 365760

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.2

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 39.858 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

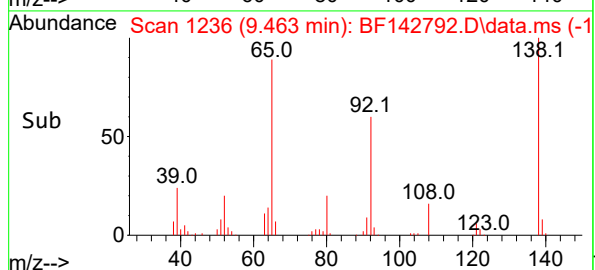
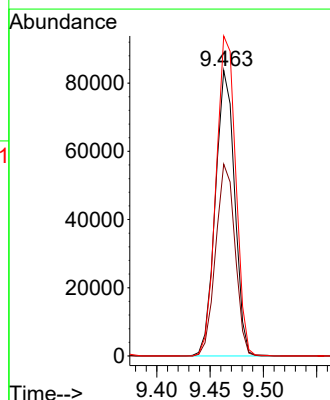
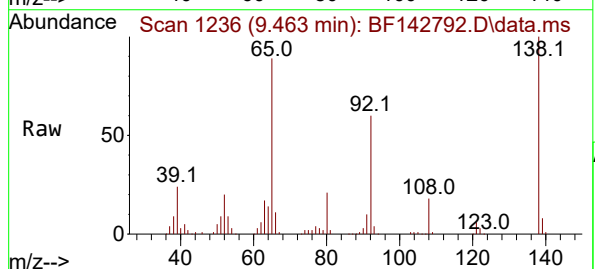
Tgt Ion: 65 Resp: 105098

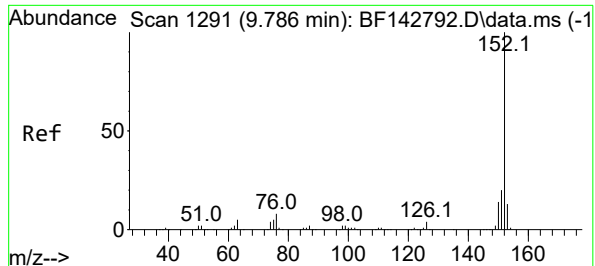
Ion Ratio Lower Upper

65 100

92 67.2 53.8 80.6

138 112.0 89.6 134.4





#49

Acenaphthylene

Concen: 38.649 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

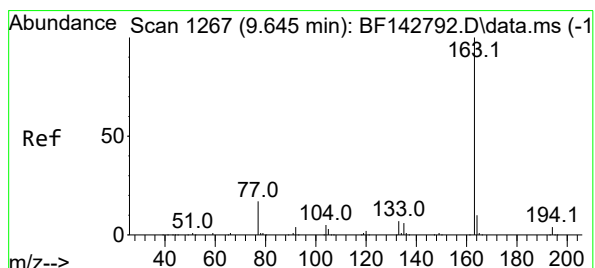
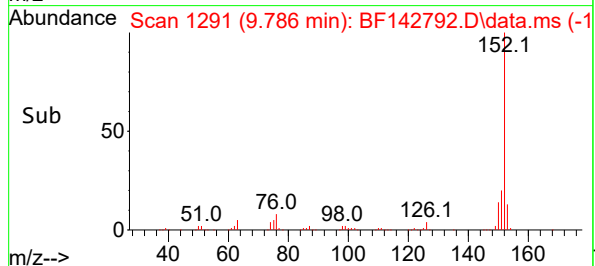
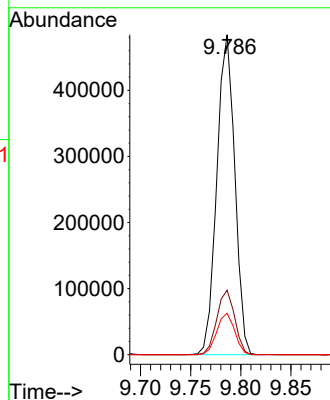
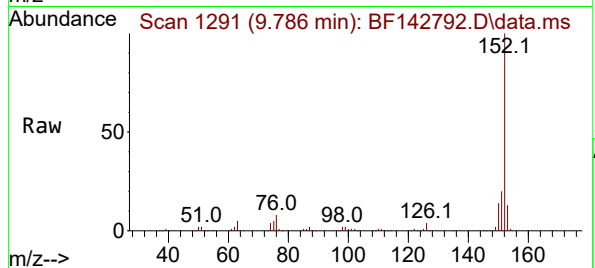
Tgt Ion:152 Resp: 603057

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 37.038 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

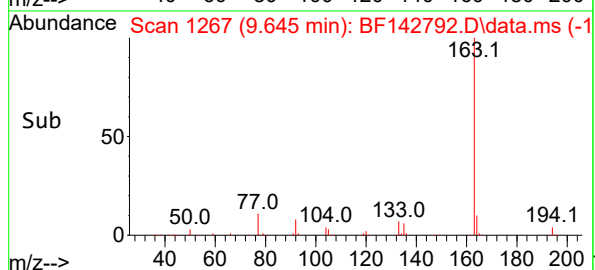
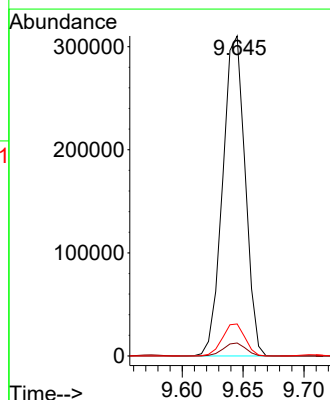
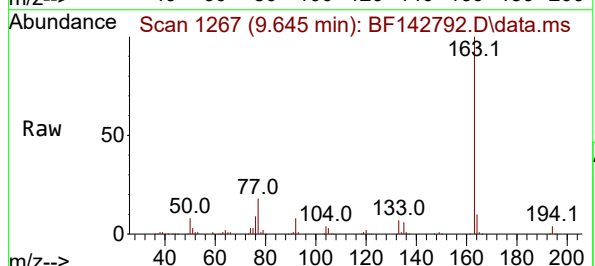
Tgt Ion:163 Resp: 397980

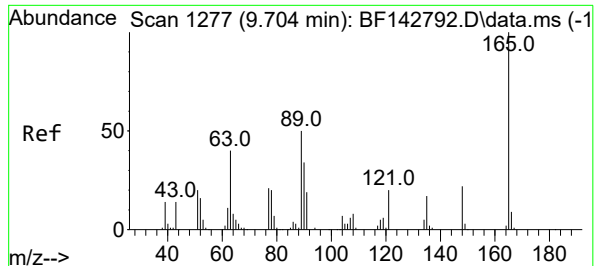
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 8.0 12.0

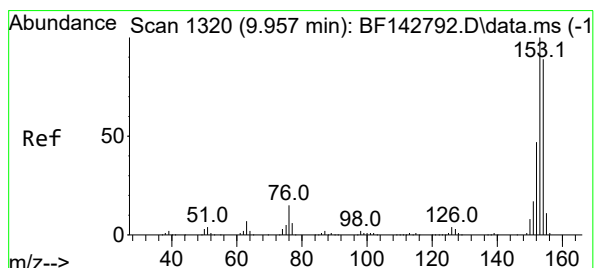
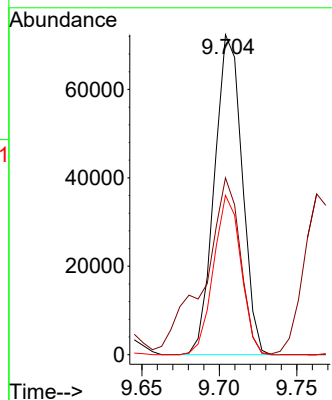
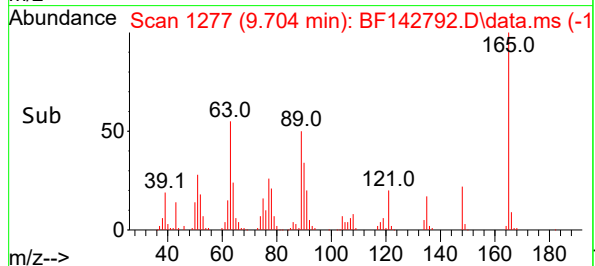
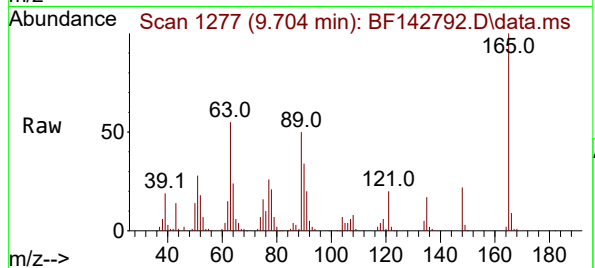




#51
2,6-Dinitrotoluene
Concen: 38.557 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

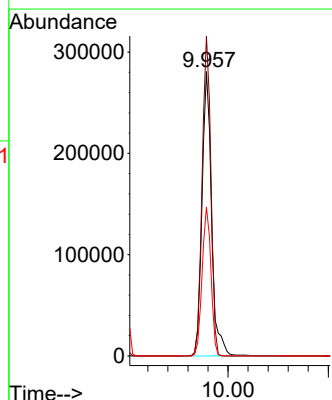
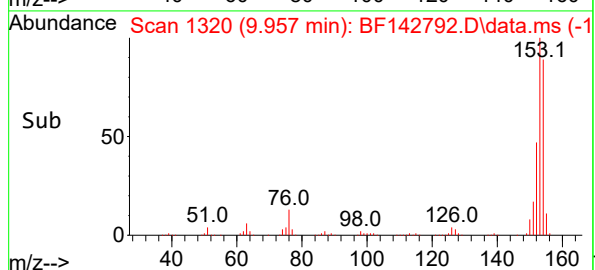
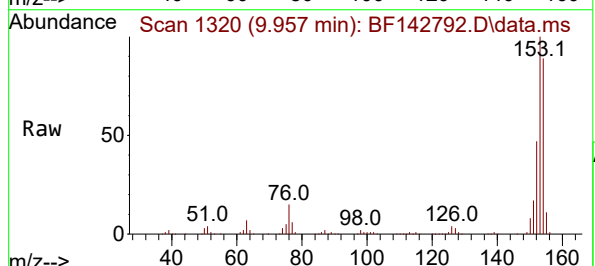
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

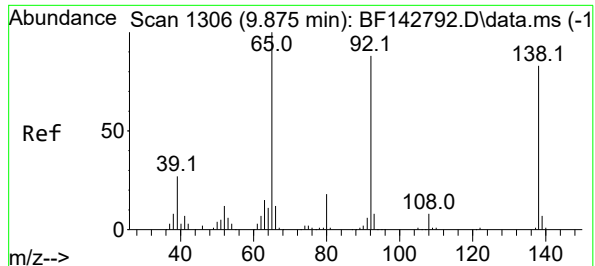
Tgt Ion	165	Resp	89811
Ion Ratio	100	Lower	Upper
63	55.3	44.2	66.4
89	49.8	39.8	59.8



#52
Acenaphthene
Concen: 38.310 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion	154	Resp	369889
Ion Ratio	100	Lower	Upper
153	112.5	90.0	135.0
152	52.4	41.9	62.9

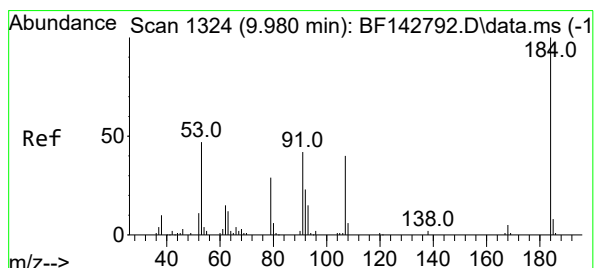
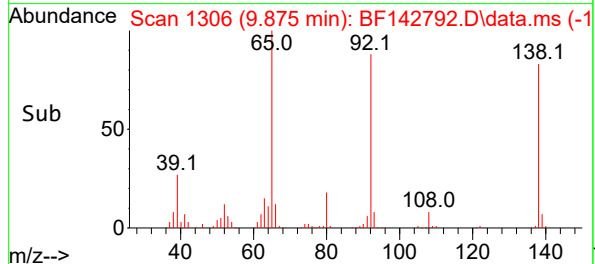
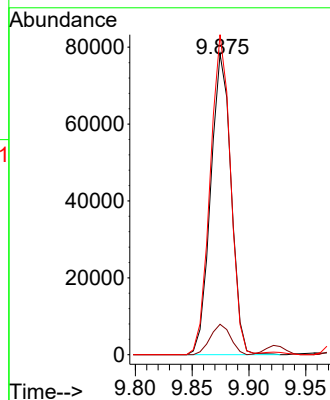
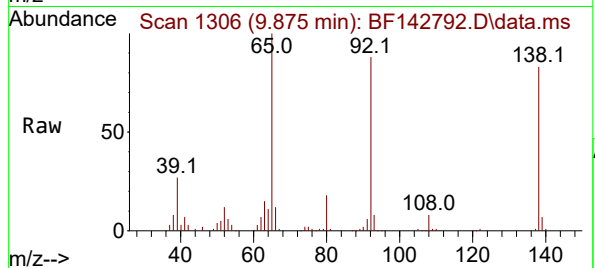




#53
3-Nitroaniline
Concen: 38.714 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

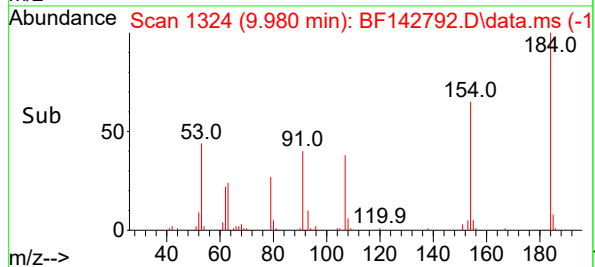
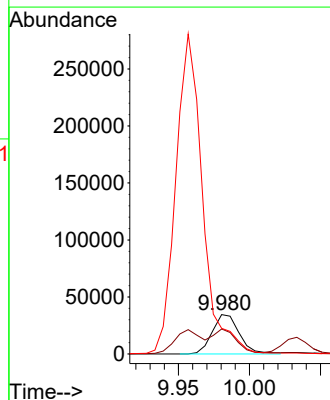
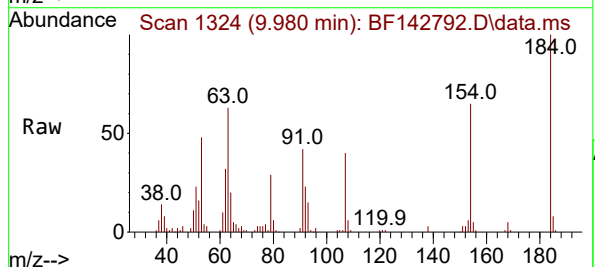
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

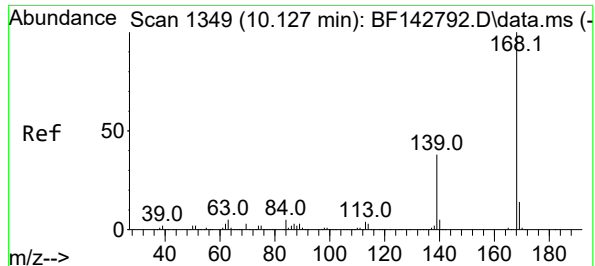
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	106.4	85.1	127.7



#54
2,4-Dinitrophenol
Concen: 36.494 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.2	50.6	75.8
154	64.8	51.8	77.8





#55

Dibenzenofuran

Concen: 38.235 ng

RT: 10.127 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

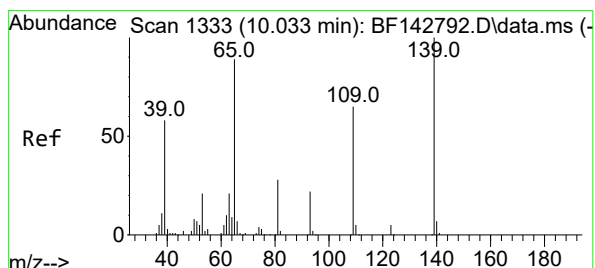
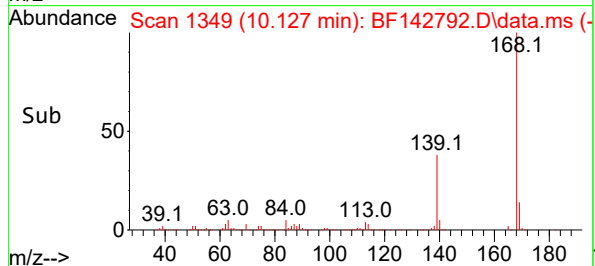
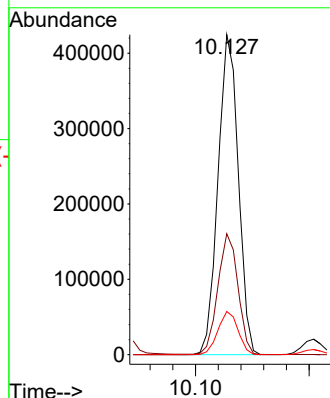
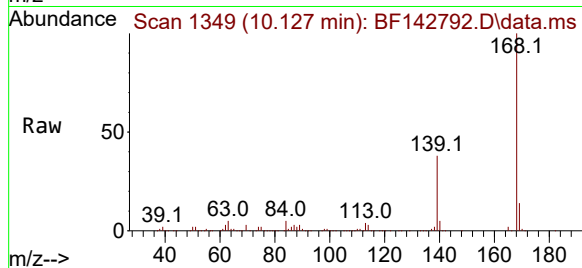
Tgt Ion:168 Resp: 526718

Ion Ratio Lower Upper

168 100

139 37.8 30.2 45.4

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 39.230 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

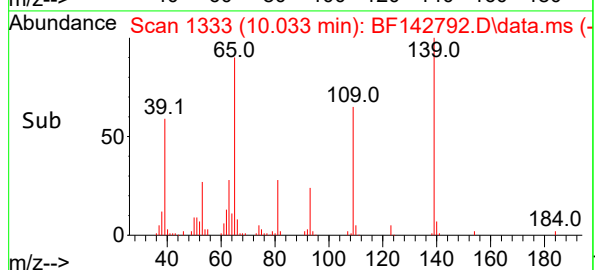
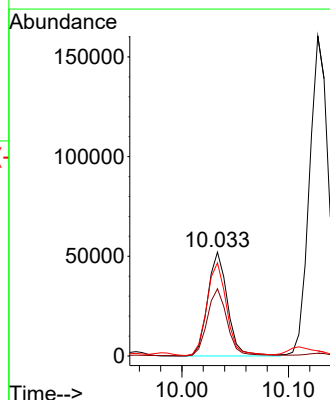
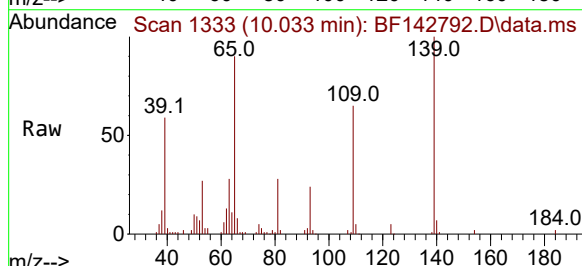
Tgt Ion:139 Resp: 67375

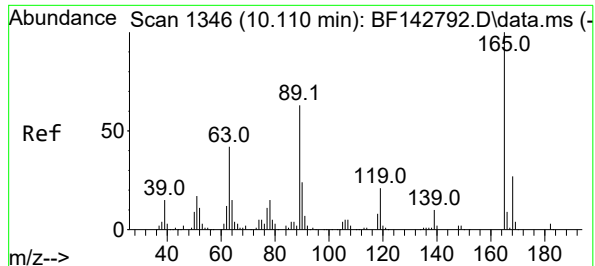
Ion Ratio Lower Upper

139 100

109 64.7 44.7 84.7

65 89.8 69.8 109.8

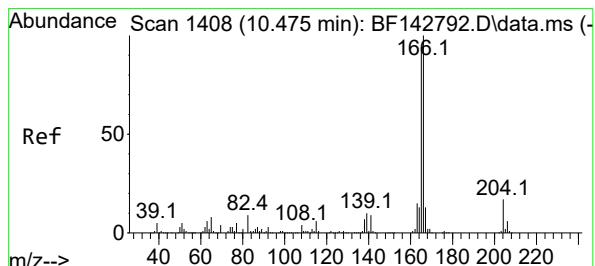
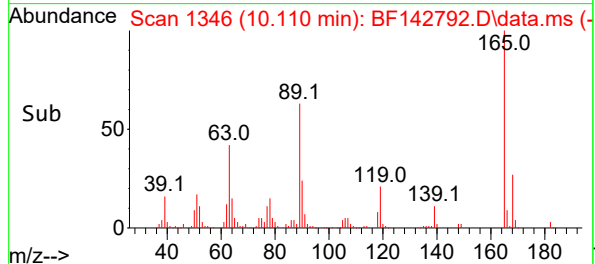
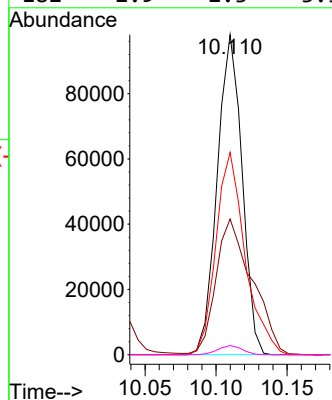
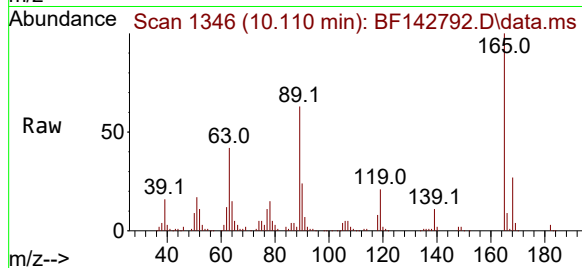




#57
2,4-Dinitrotoluene
Concen: 38.644 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

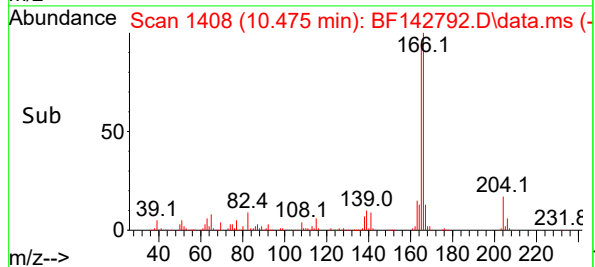
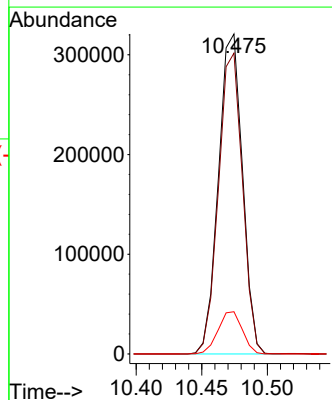
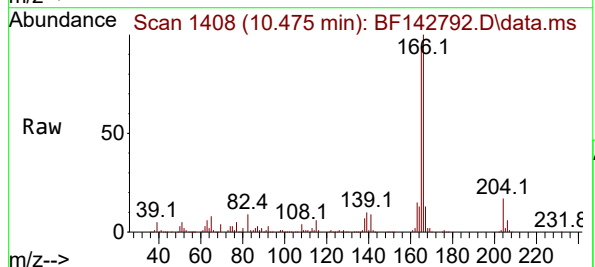
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

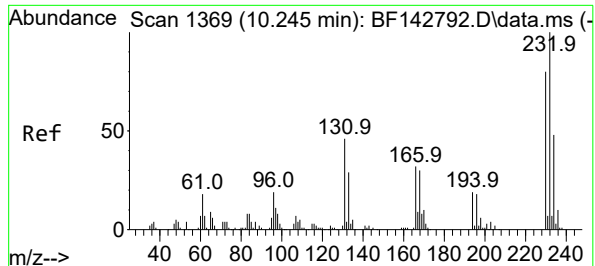
Tgt Ion:165 Resp: 119021
Ion Ratio Lower Upper
165 100
63 42.4 33.9 50.9
89 63.2 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 37.535 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:166 Resp: 408102
Ion Ratio Lower Upper
166 100
165 94.0 75.2 112.8
167 13.2 10.6 15.8

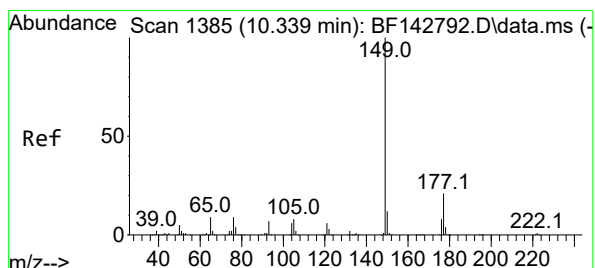
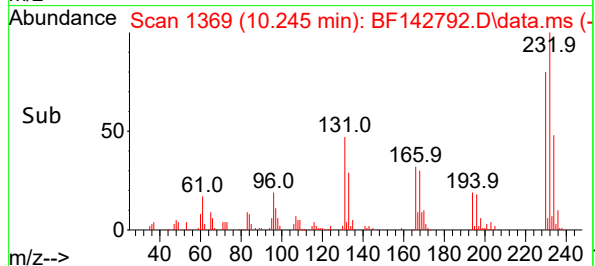
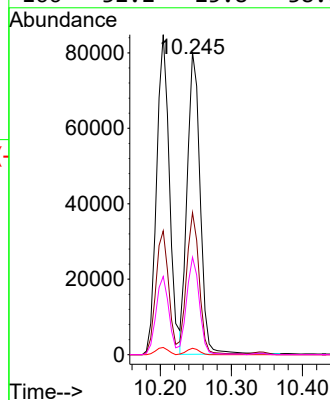
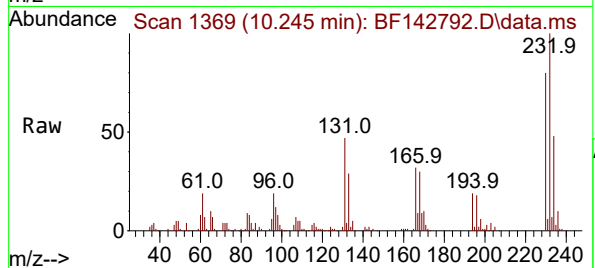




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.847 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

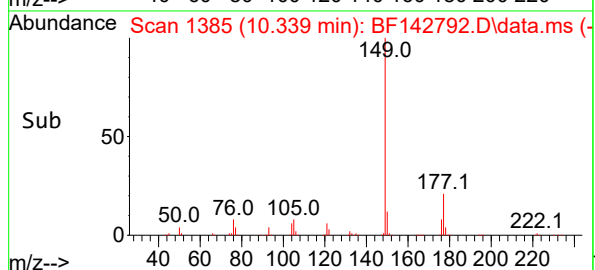
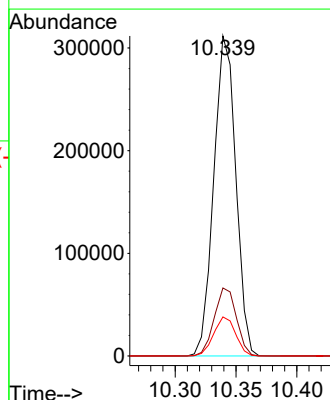
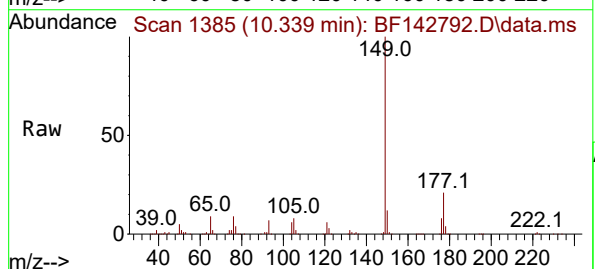
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

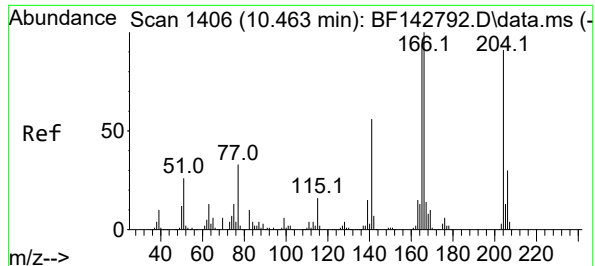
Tgt Ion:232 Resp: 100957
Ion Ratio Lower Upper
232 100
131 47.0 37.6 56.4
130 2.1 1.7 2.5
166 32.2 25.8 38.6



#60
Diethylphthalate
Concen: 36.752 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:149 Resp: 392278
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.2 9.8 14.6

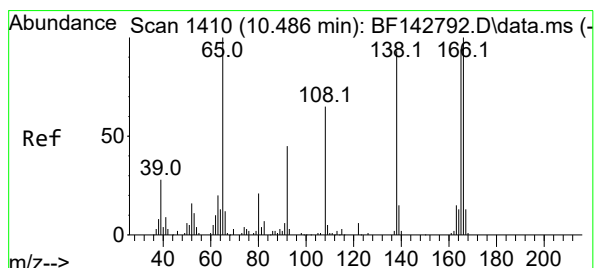
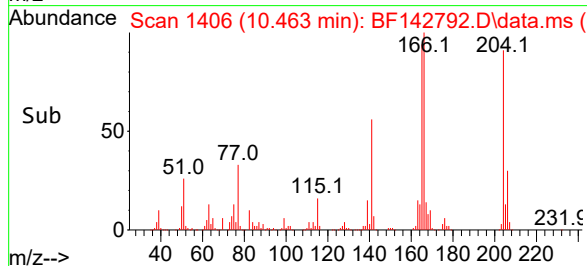
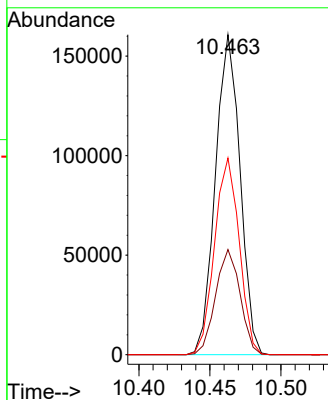
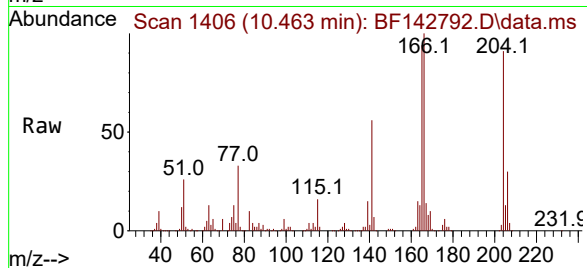




#61
4-Chlorophenyl-phenylether
Concen: 36.726 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

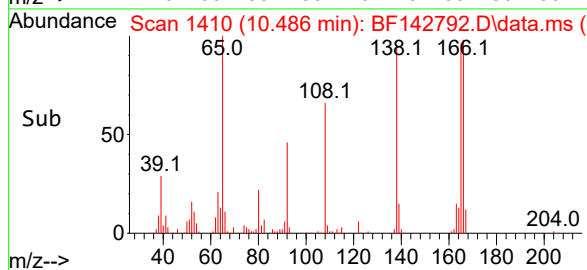
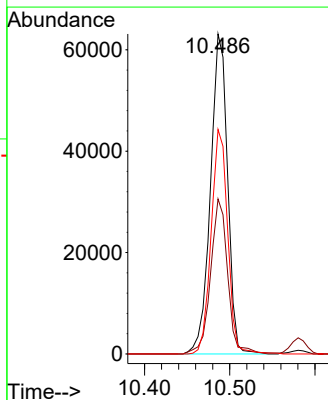
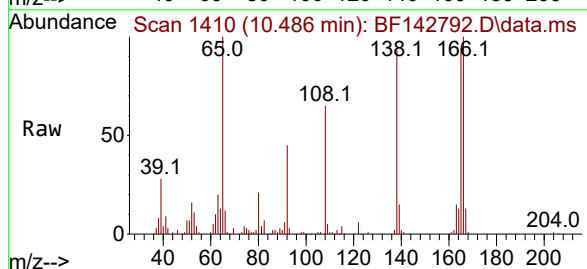
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

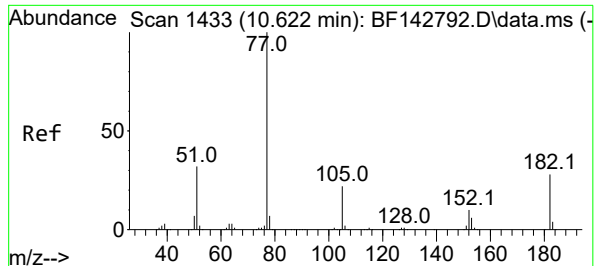
Tgt Ion:204 Resp: 193928
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 61.4 49.1 73.7



#62
4-Nitroaniline
Concen: 38.806 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:138 Resp: 88142
Ion Ratio Lower Upper
138 100
92 48.4 28.4 68.4
108 70.2 50.2 90.2

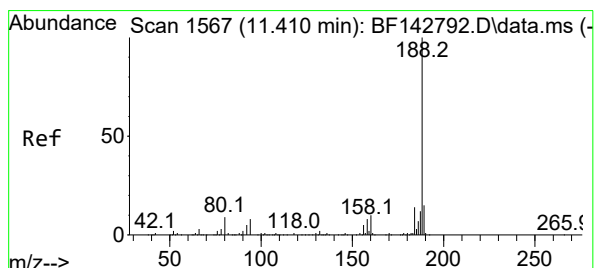
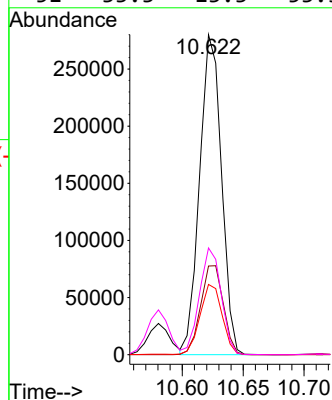
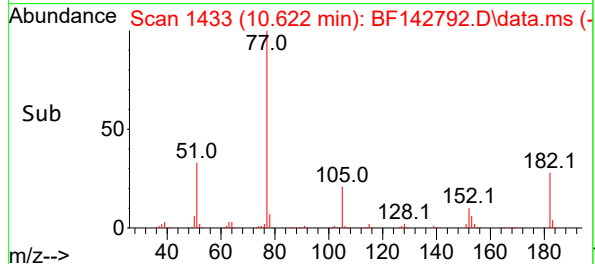
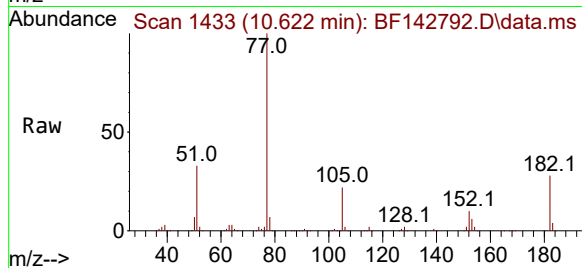




#63
Azobenzene
Concen: 37.534 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

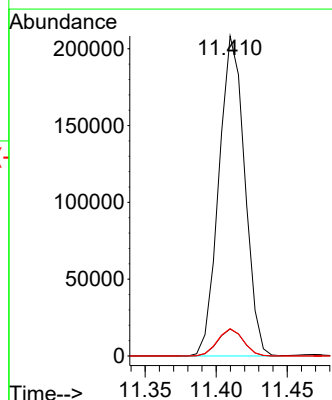
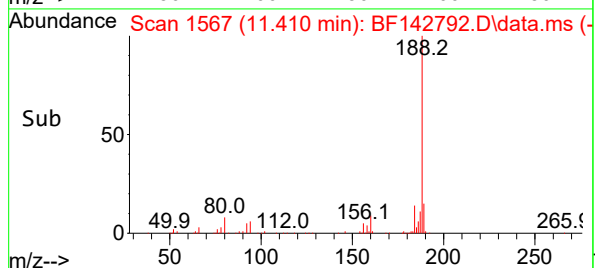
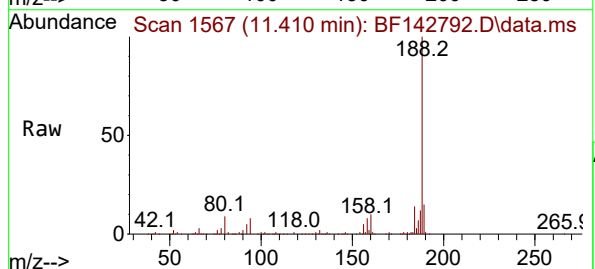
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

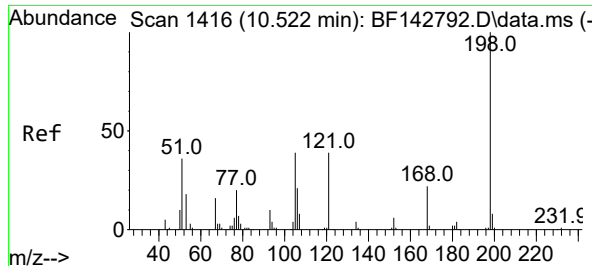
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.7	47.7
105	21.9	1.9	41.9
51	33.3	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	8.6	6.9	10.3

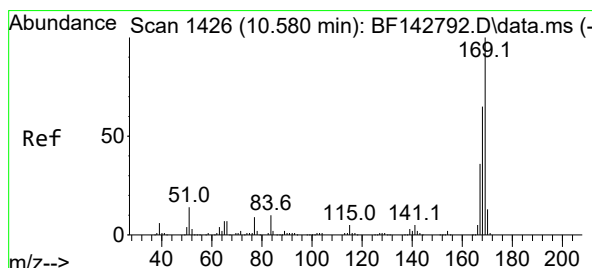
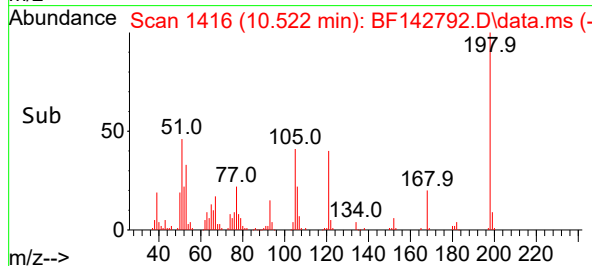
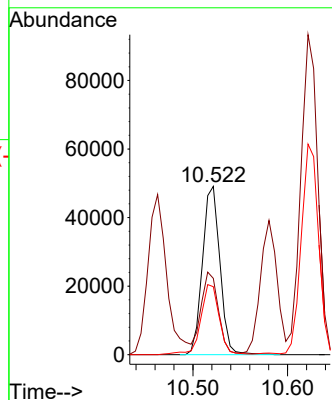
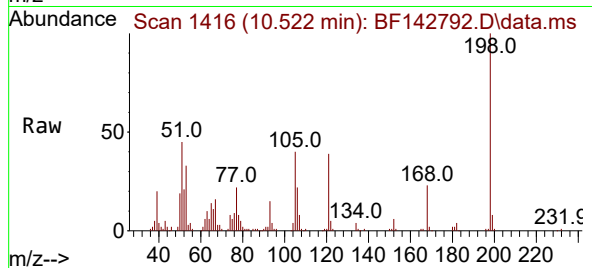




#65
4,6-Dinitro-2-methylphenol
Concen: 38.375 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

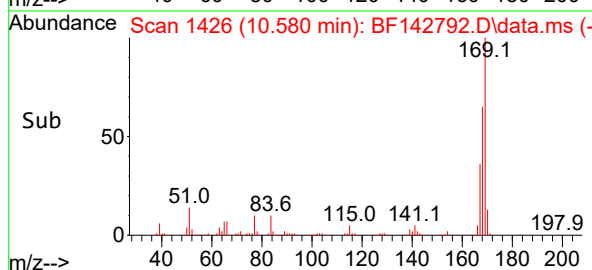
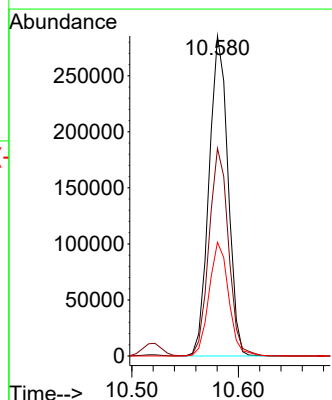
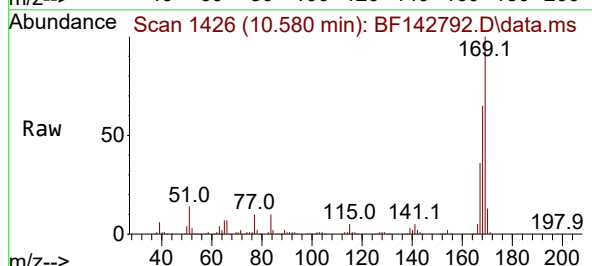
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

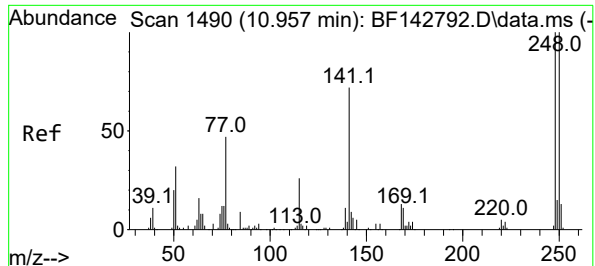
Tgt Ion:198 Resp: 62800
Ion Ratio Lower Upper
198 100
51 45.4 25.4 65.4
105 40.4 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 39.014 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:169 Resp: 353033
Ion Ratio Lower Upper
169 100
168 64.9 51.9 77.9
167 35.6 28.5 42.7

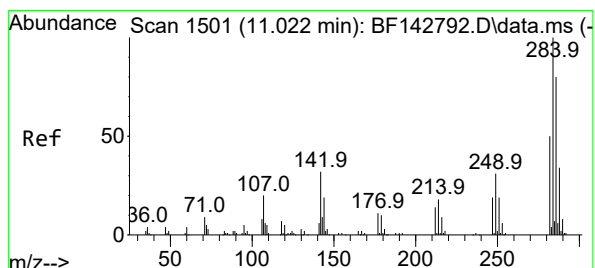
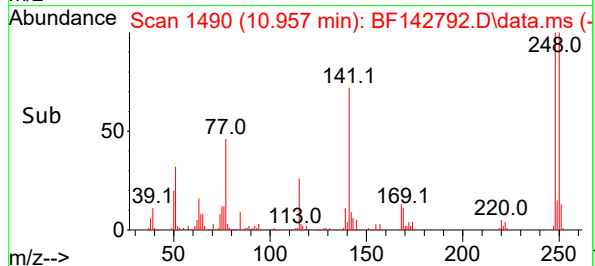
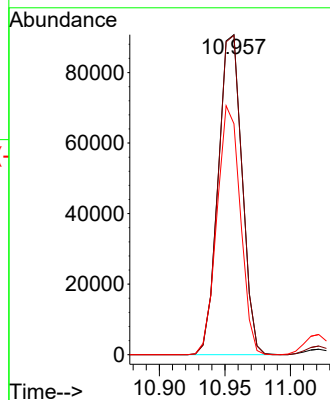
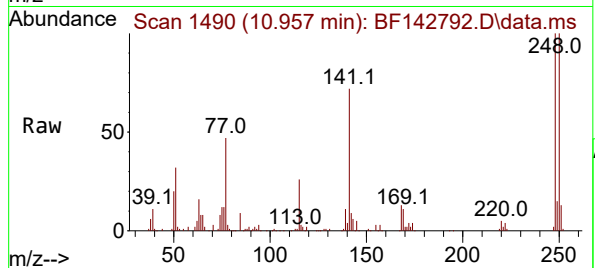




#67
4-Bromophenyl-phenylether
Concen: 37.246 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

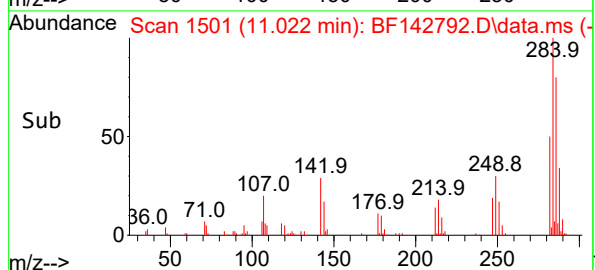
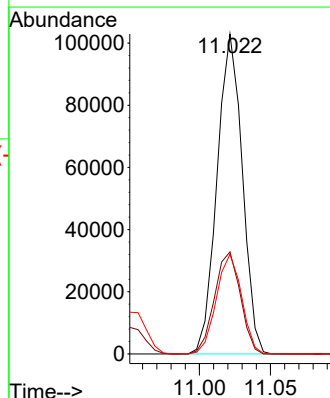
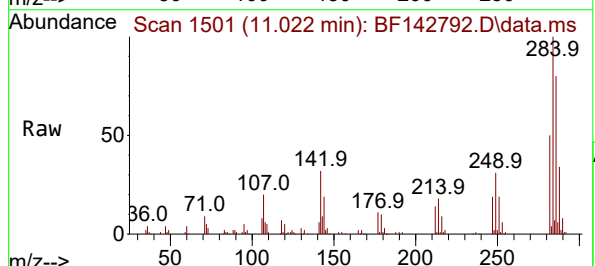
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

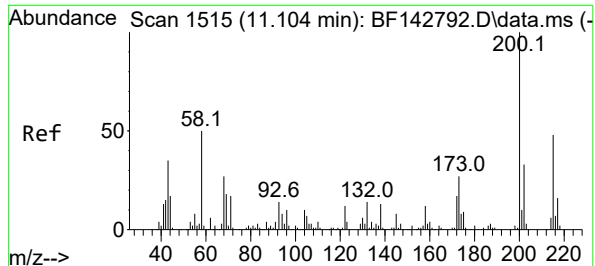
Tgt Ion:248 Resp: 114874
Ion Ratio Lower Upper
248 100
250 99.8 79.8 119.8
141 72.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 37.057 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:284 Resp: 126882
Ion Ratio Lower Upper
284 100
142 31.9 25.5 38.3
249 31.1 24.9 37.3





#69

Atrazine

Concen: 38.060 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

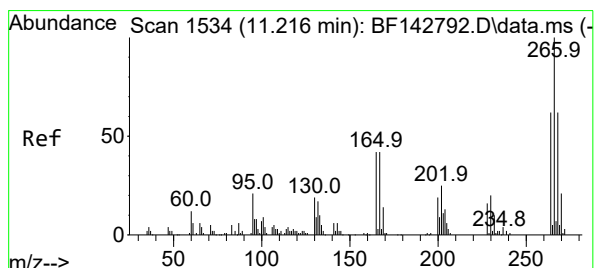
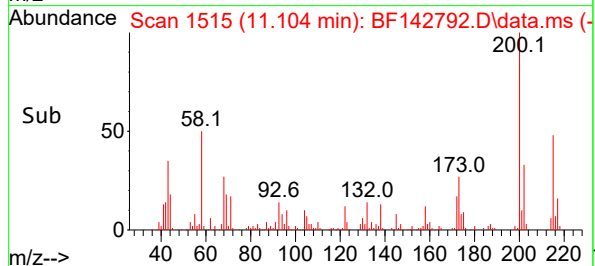
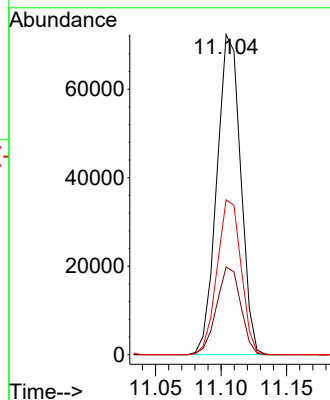
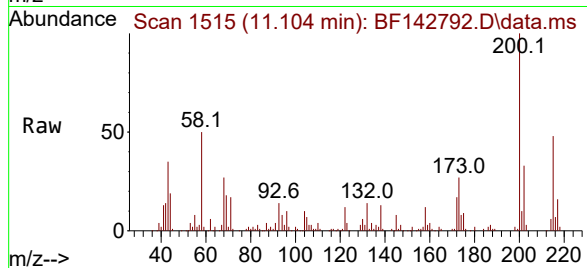
Tgt Ion:200 Resp: 91444

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

215 48.4 28.4 68.4



#70

Pentachlorophenol

Concen: 37.113 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

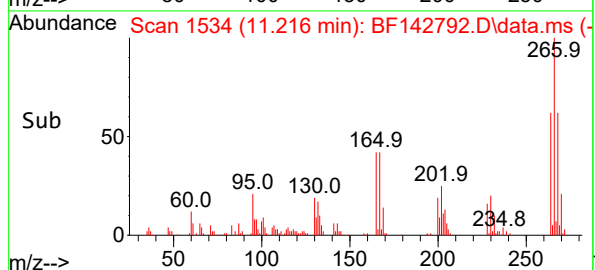
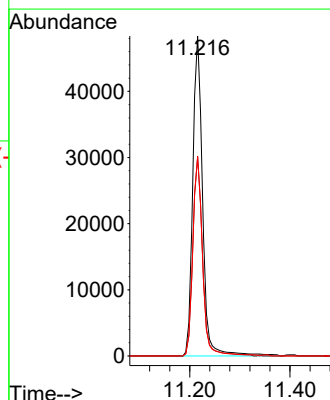
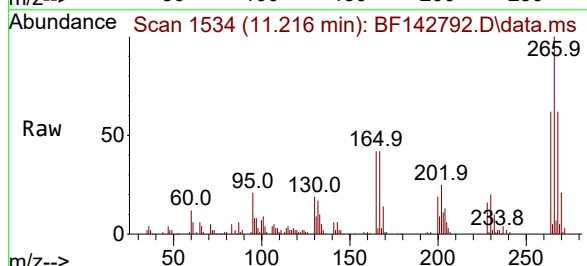
Tgt Ion:266 Resp: 65999

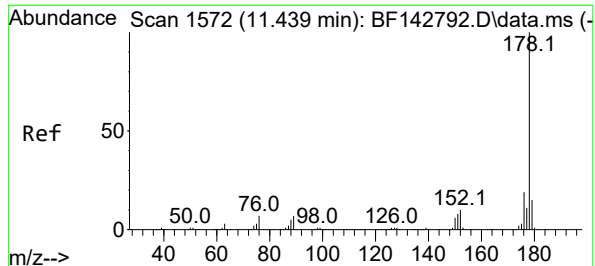
Ion Ratio Lower Upper

266 100

268 62.3 49.8 74.8

264 62.4 49.9 74.9

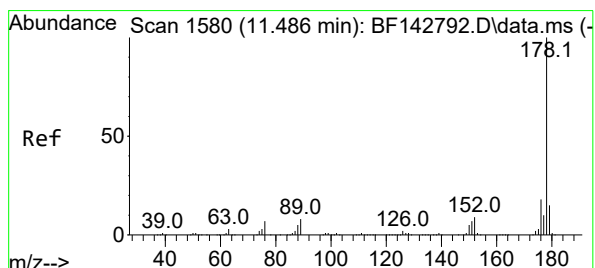
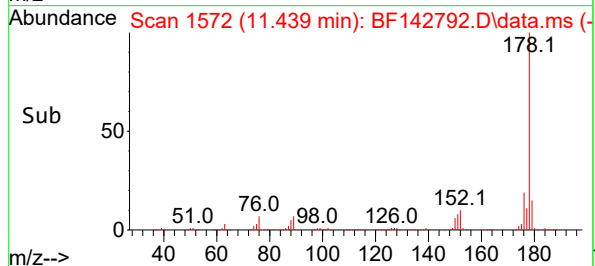
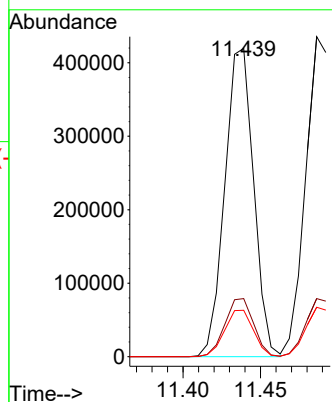
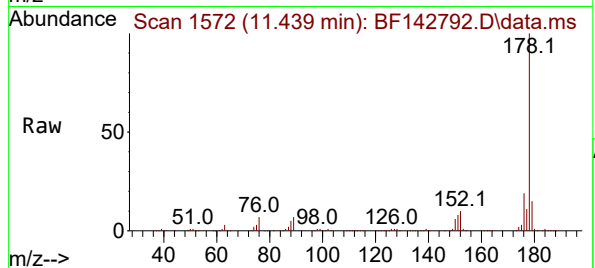




#71
Phenanthrene
Concen: 38.508 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

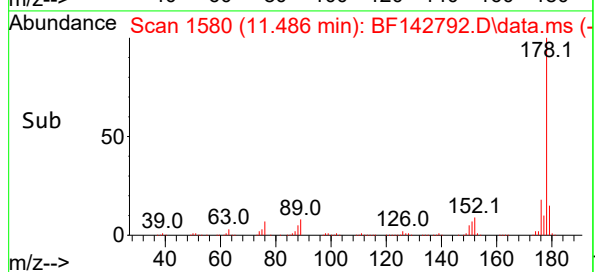
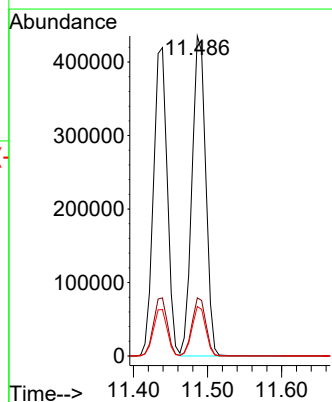
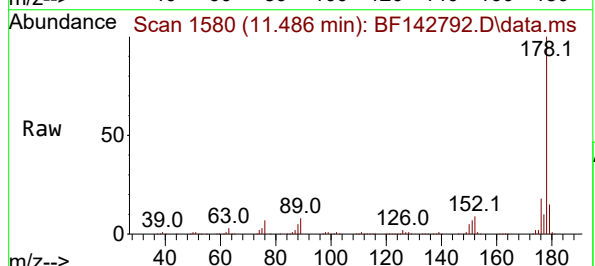
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

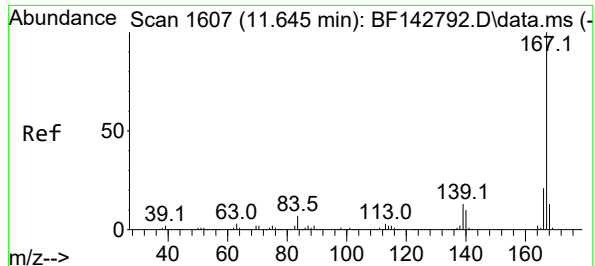
Tgt Ion:178 Resp: 542935
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.0 12.0 18.0



#72
Anthracene
Concen: 38.384 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

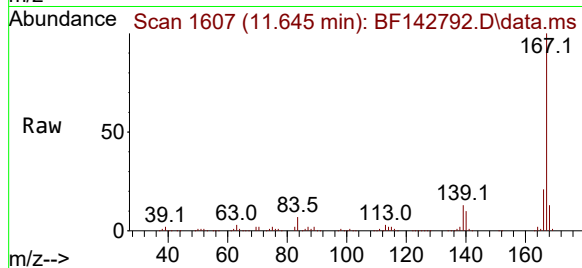
Tgt Ion:178 Resp: 560180
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.5 12.4 18.6



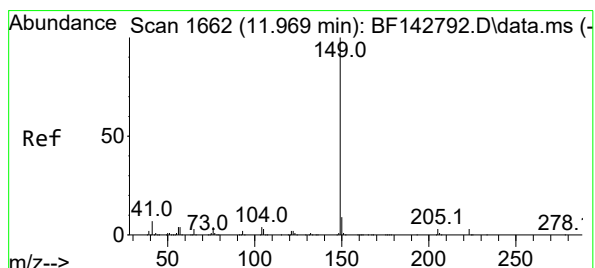
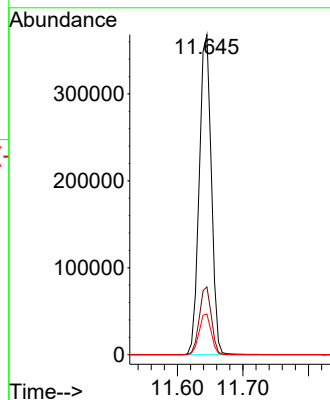
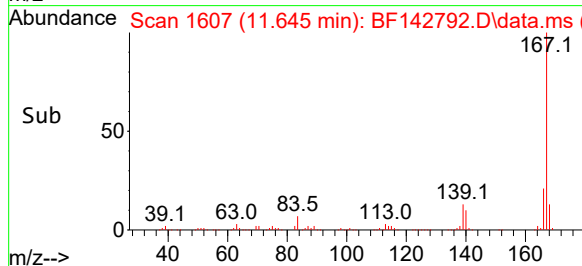


#73
Carbazole
Concen: 38.769 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

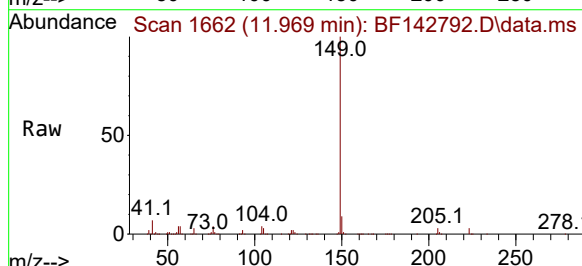
Instrument :
BNA_F
ClientSampleId :
SSTDICC040



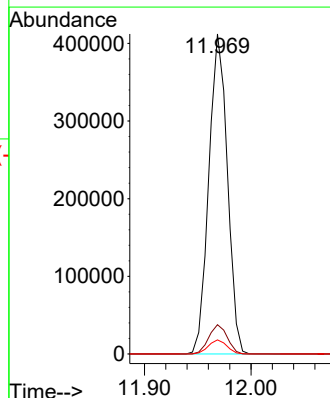
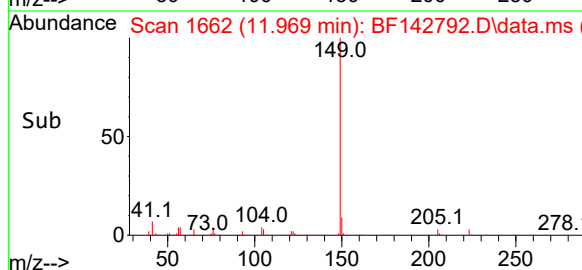
Tgt Ion:167 Resp: 473801
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.7 10.2 15.2

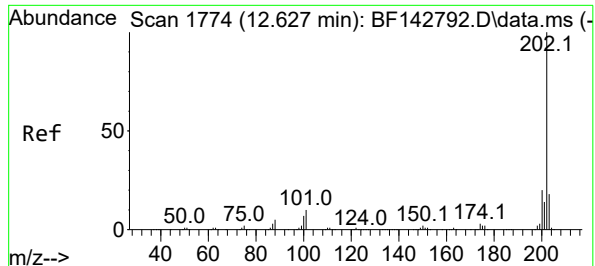


#74
Di-n-butylphthalate
Concen: 36.824 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09



Tgt Ion:149 Resp: 498285
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.4 3.5 5.3

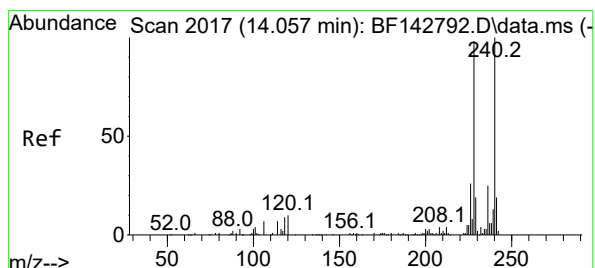
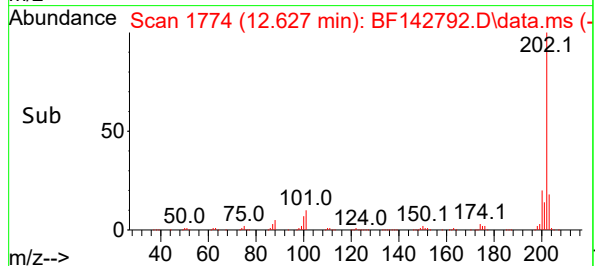
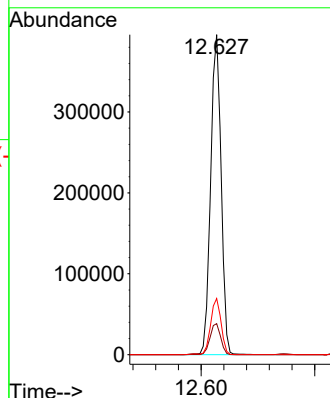
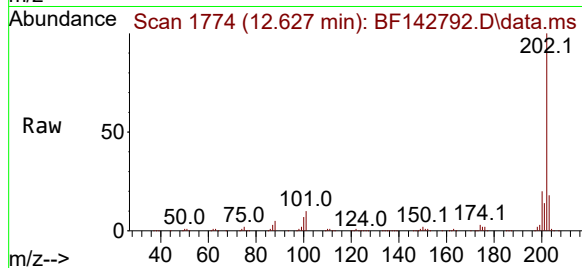




#75
Fluoranthene
Concen: 37.522 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

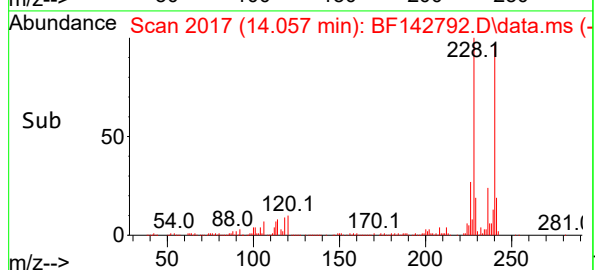
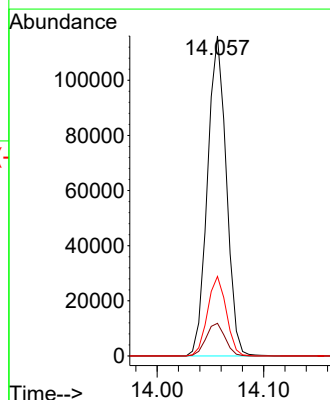
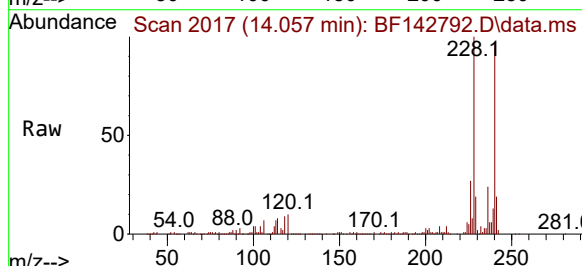
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

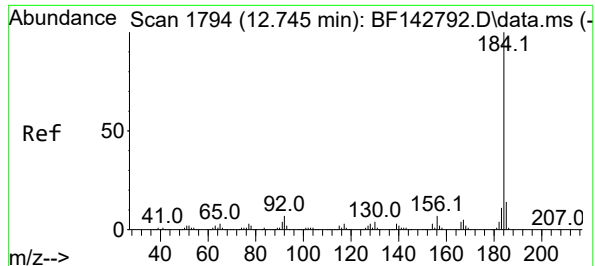
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.7
203	17.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	24.8	19.8	29.8





#77

Benzidine

Concen: 43.691 ng

RT: 12.745 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

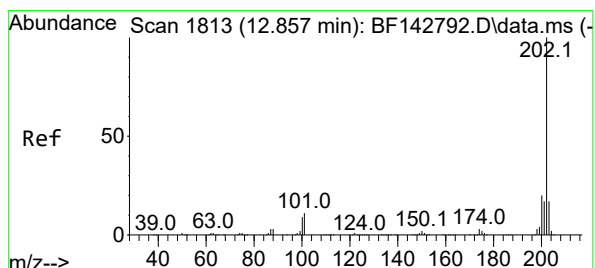
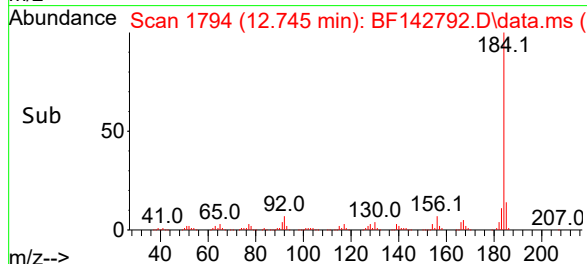
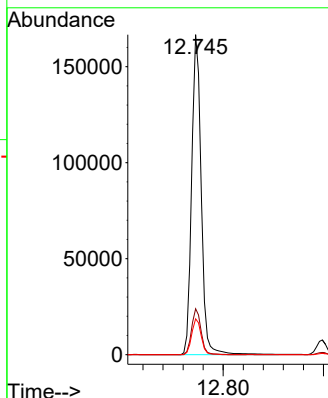
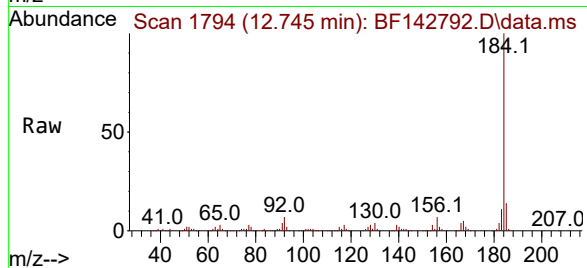
Tgt Ion:184 Resp: 220379

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.2 9.0 13.4



#78

Pyrene

Concen: 37.911 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

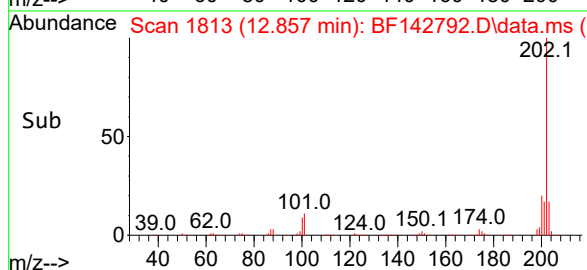
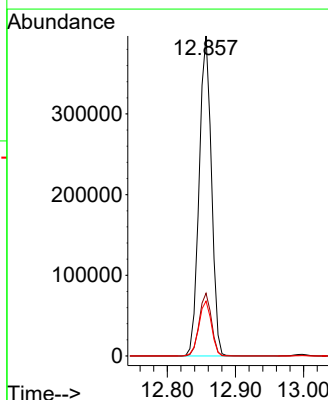
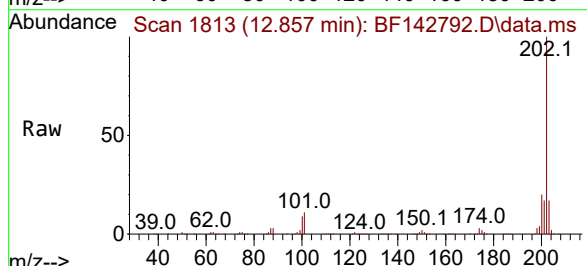
Tgt Ion:202 Resp: 496538

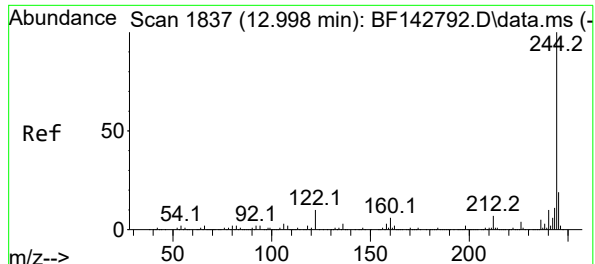
Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 73.897 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

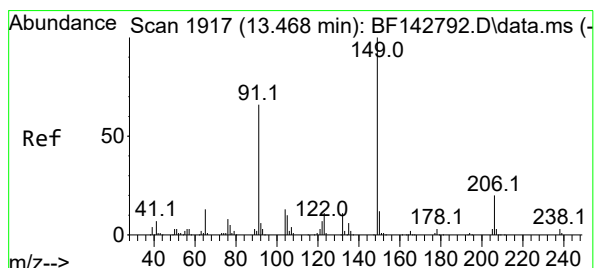
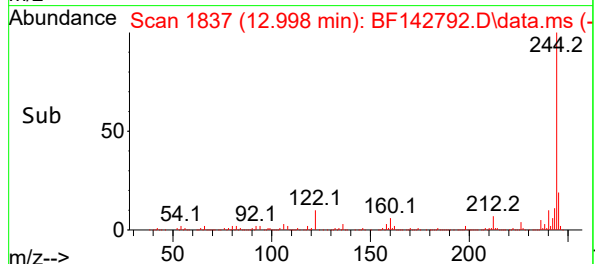
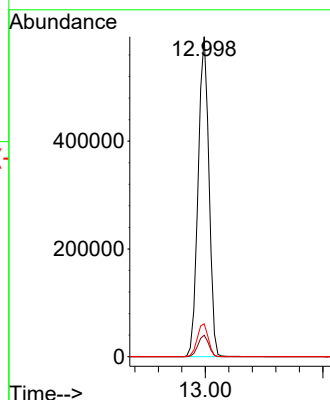
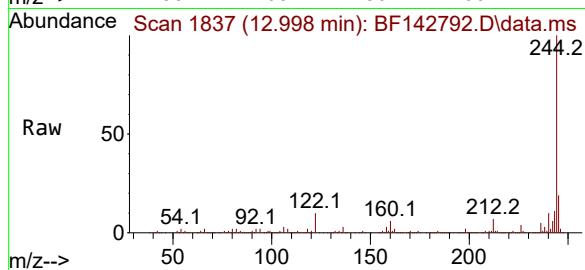
Tgt Ion:244 Resp: 756495

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 40.172 ng

RT: 13.468 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

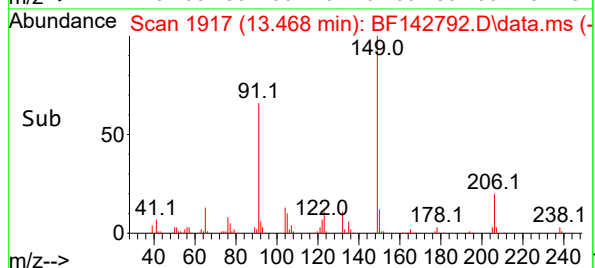
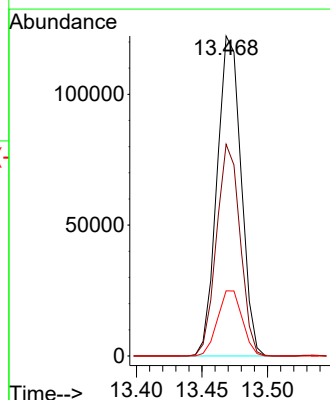
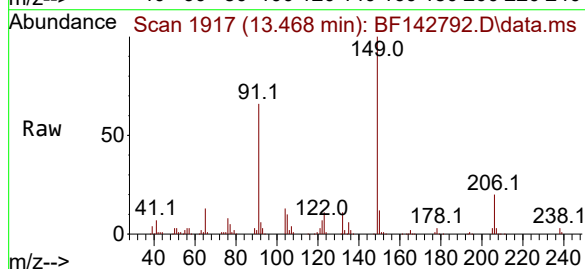
Tgt Ion:149 Resp: 155920

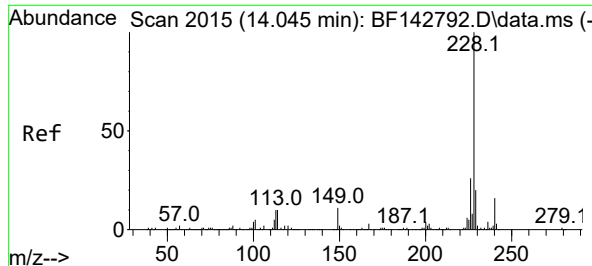
Ion Ratio Lower Upper

149 100

91 66.1 52.9 79.3

206 20.4 16.3 24.5

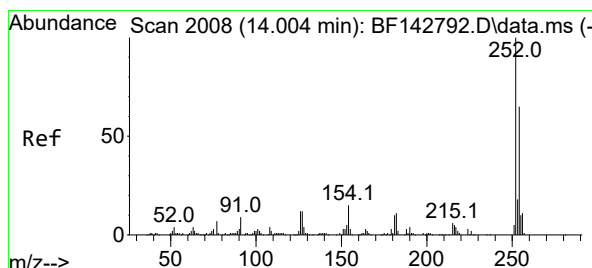
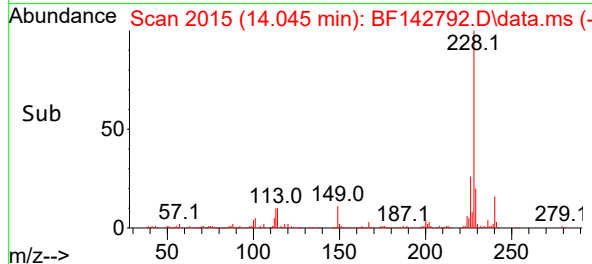
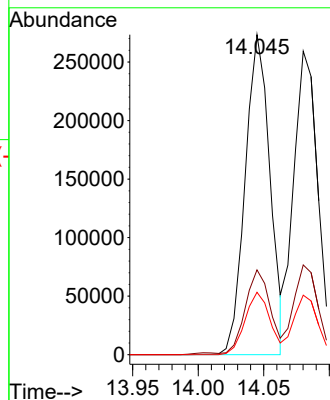
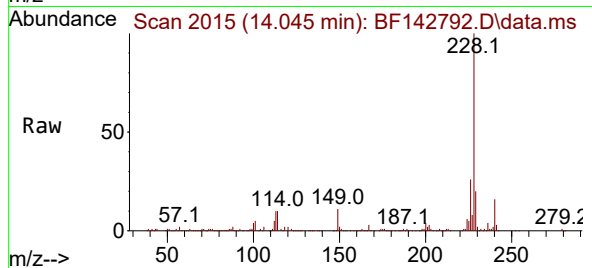




#81
Benzo(a)anthracene
Concen: 38.522 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

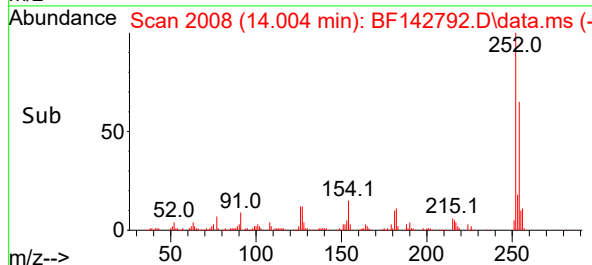
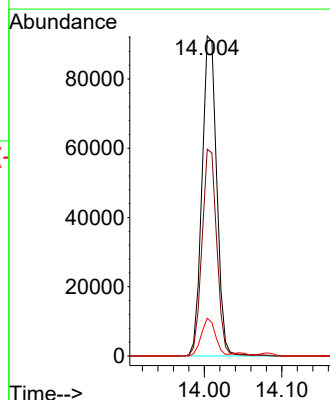
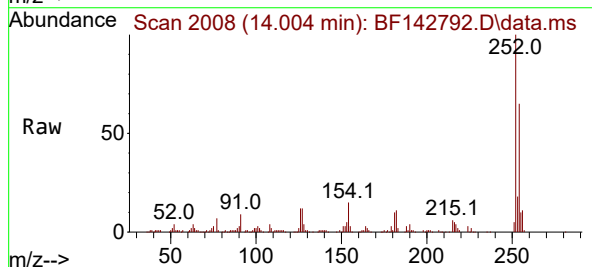
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

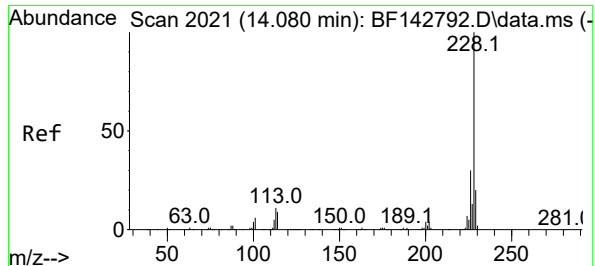
Tgt Ion:228 Resp: 360377
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 40.321 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:252 Resp: 122140
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 11.8 9.4 14.2

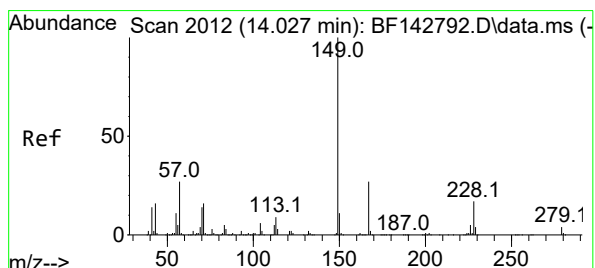
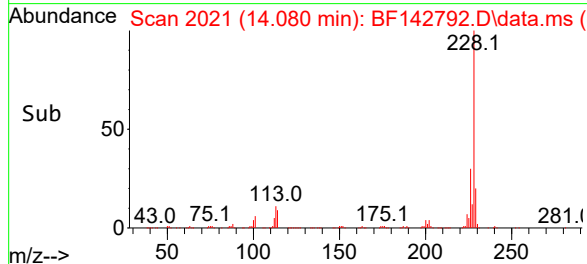
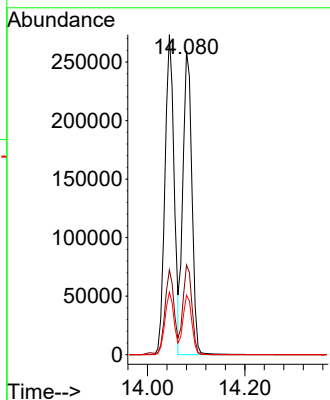
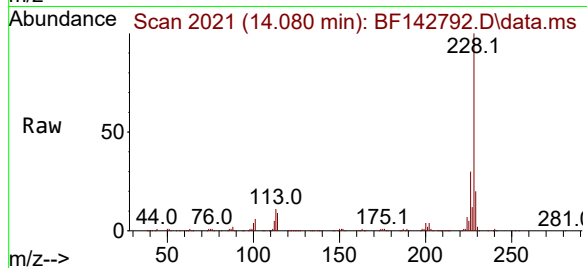




#83
Chrysene
Concen: 38.101 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

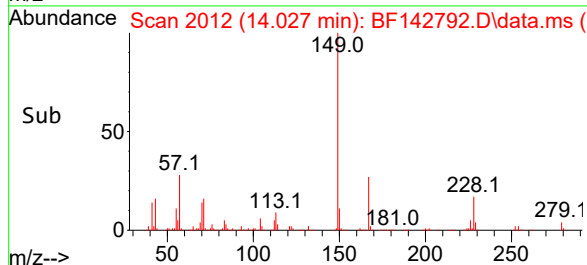
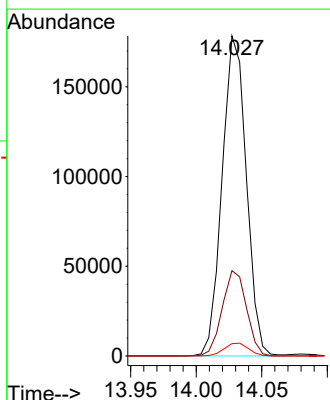
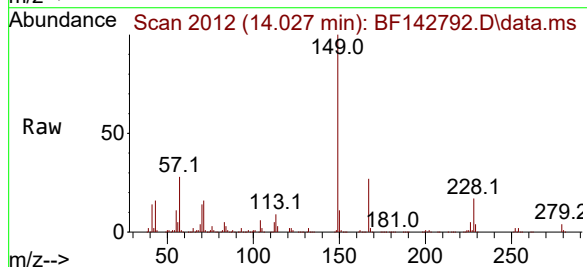
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

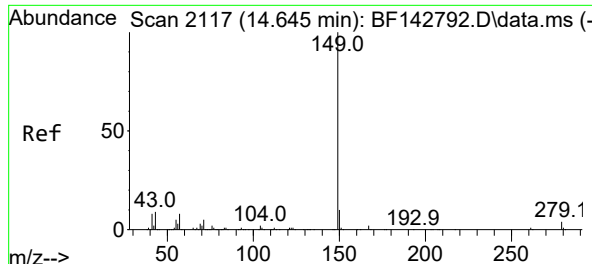
Tgt Ion:228 Resp: 331830
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.589 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:149 Resp: 228949
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 3.8 3.0 4.6

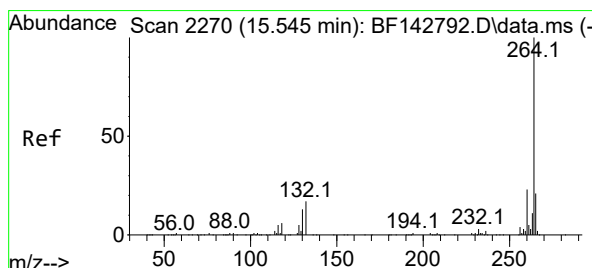
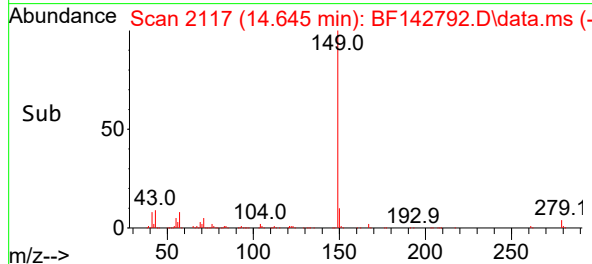
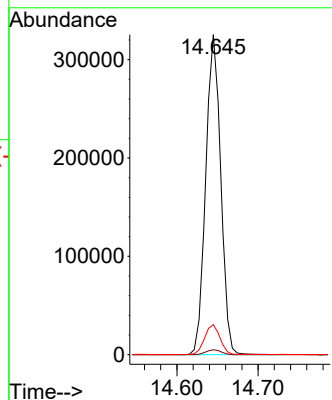
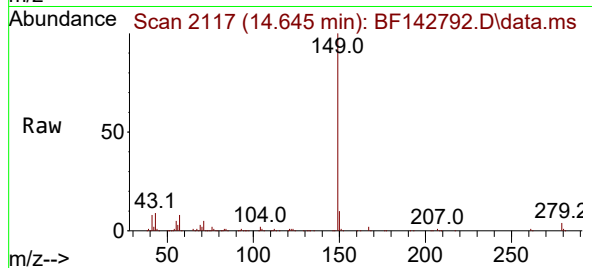




#85
Di-n-octyl phthalate
Concen: 37.837 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

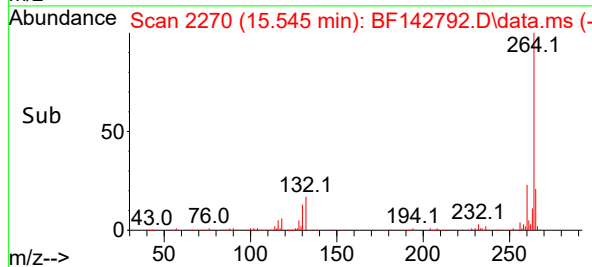
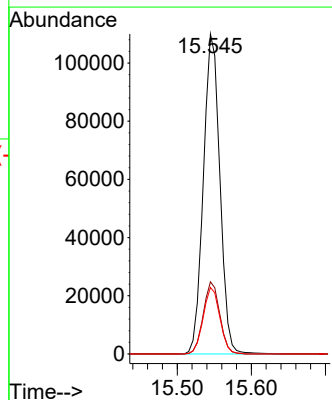
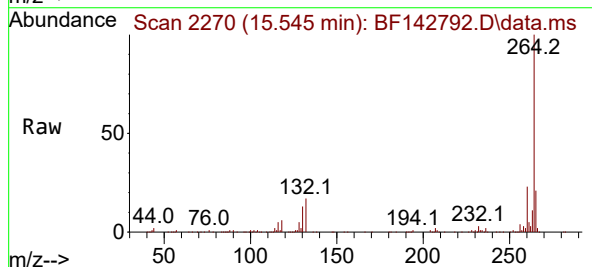
Instrument :
BNA_F
ClientSampleId :
SSTDICC040

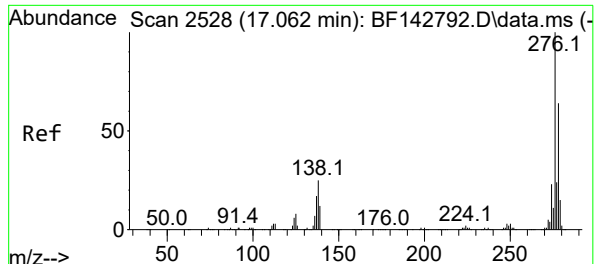
Tgt Ion:149 Resp: 416971
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:264 Resp: 170267
Ion Ratio Lower Upper
264 100
260 22.6 18.1 27.1
265 20.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.863 ng

RT: 17.062 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

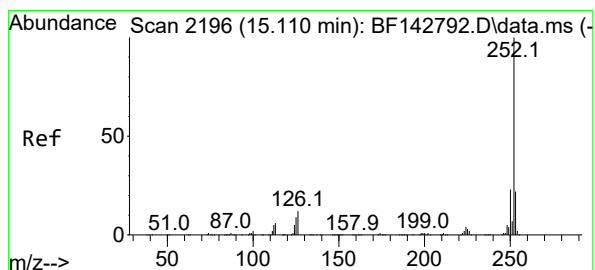
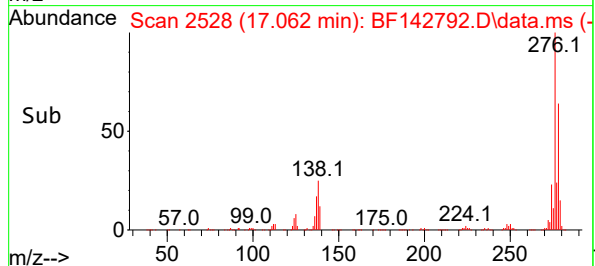
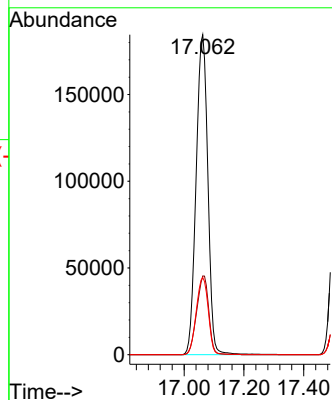
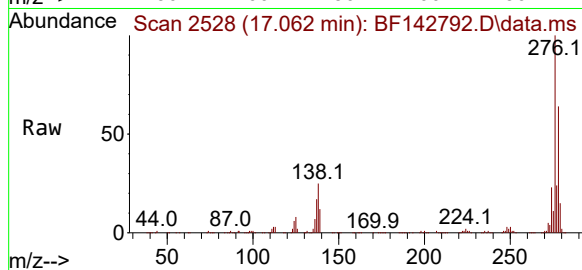
Tgt Ion:276 Resp: 501803

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 36.825 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

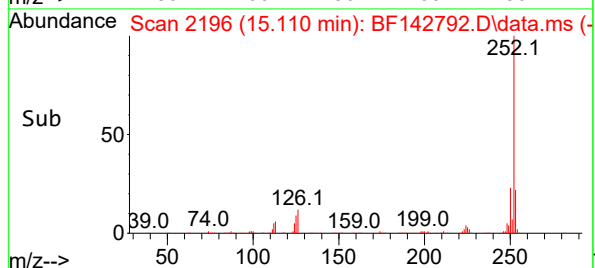
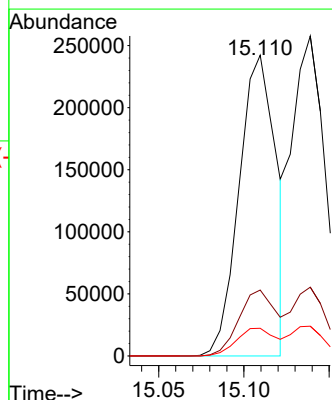
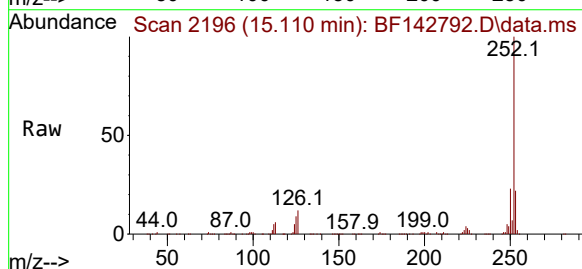
Tgt Ion:252 Resp: 365164

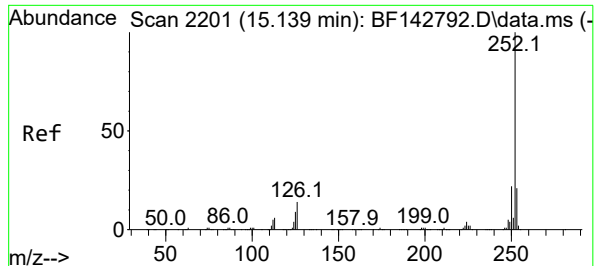
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 36.466 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

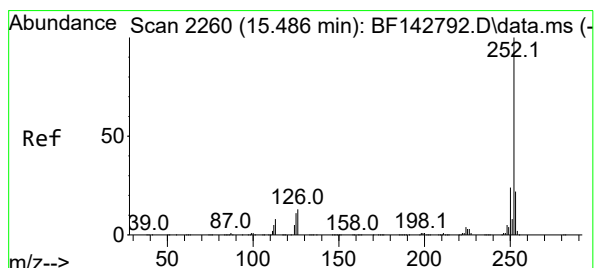
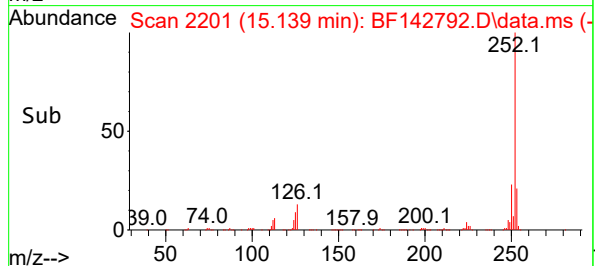
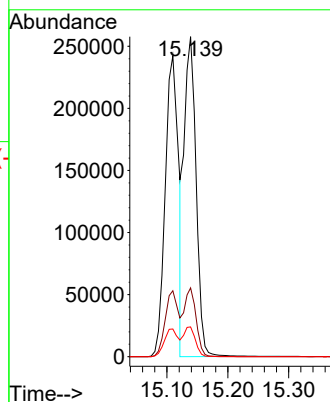
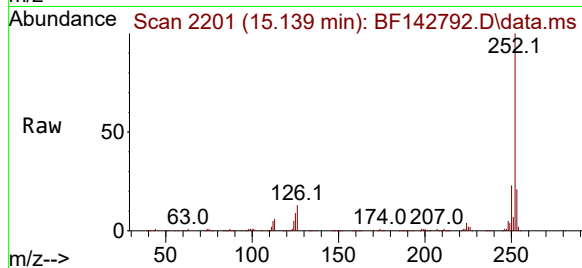
Tgt Ion:252 Resp: 352993

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 38.357 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

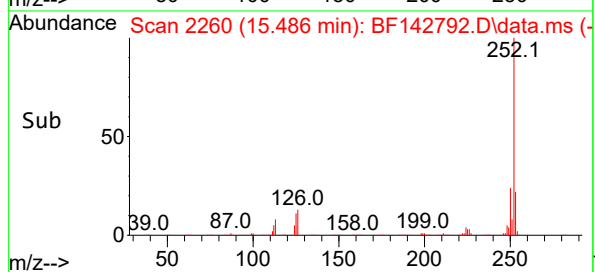
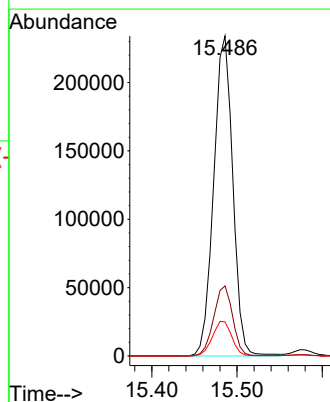
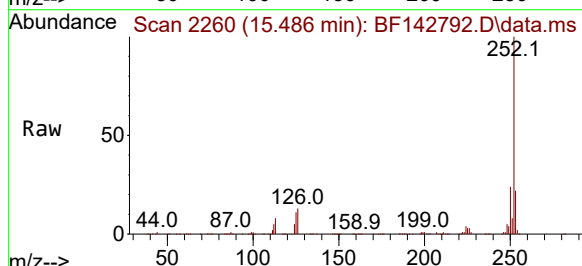
Tgt Ion:252 Resp: 363990

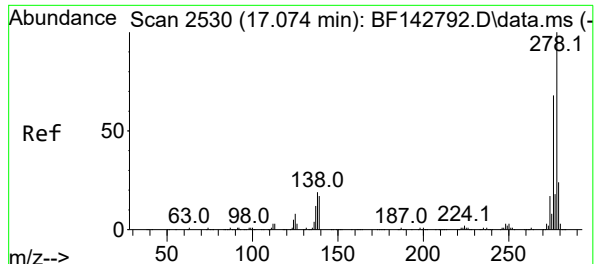
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.7 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 39.266 ng

RT: 17.074 min Scan# 2530

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC040

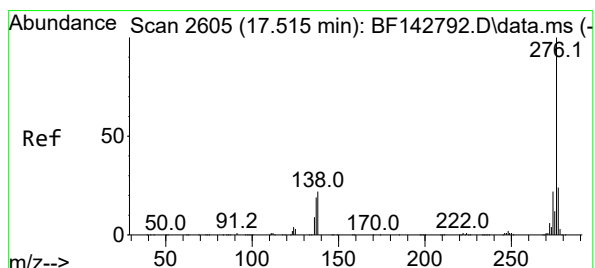
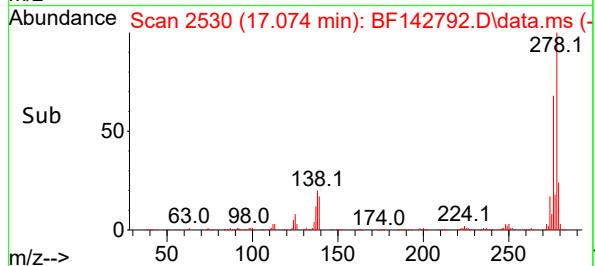
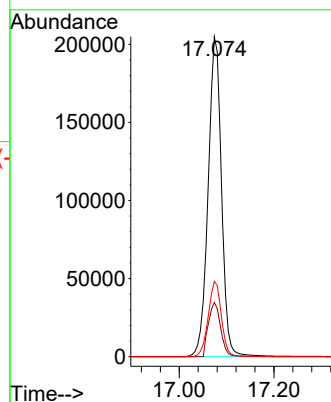
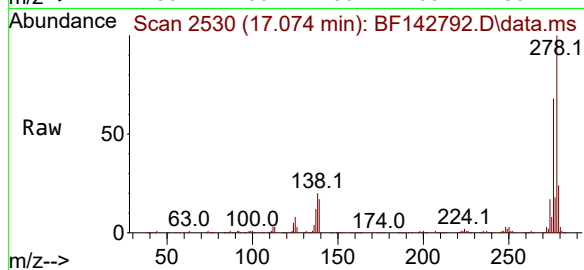
Tgt Ion:278 Resp: 401876

Ion Ratio Lower Upper

278 100

139 16.9 13.5 20.3

279 23.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 39.635 ng

RT: 17.515 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

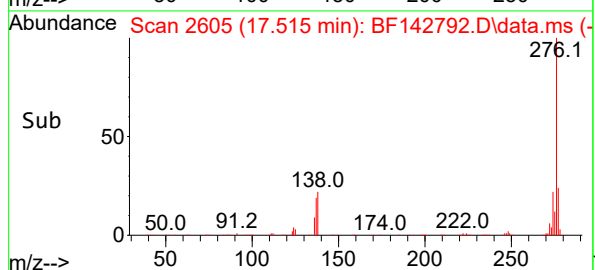
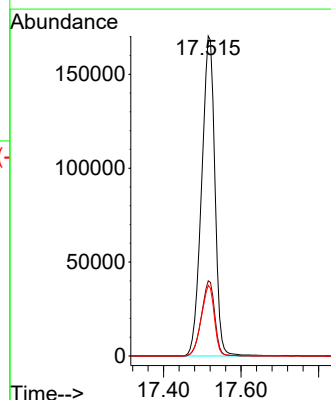
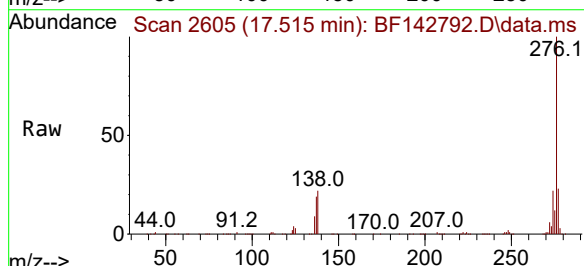
Tgt Ion:276 Resp: 404711

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.0 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142793.D
 Acq On : 19 Jun 2025 19:40
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Jun 20 04:40:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69874	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	262911	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	139156	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	229780	20.000	ng	0.00
76) Chrysene-d12	14.057	240	117825	20.000	ng	0.00
86) Perylene-d12	15.545	264	139593	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	441114	107.674	ng	0.00
7) Phenol-d6	6.510	99	516909	107.451	ng	0.00
23) Nitrobenzene-d5	7.451	82	506846	105.669	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	152358	100.743	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1043477	99.755	ng	0.00
79) Terphenyl-d14	12.998	244	904305	106.820	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.628	88	88835	54.606	ng 99
3) Pyridine	3.398	79	227576	55.874	ng 99
4) n-Nitrosodimethylamine	3.351	42	116636	55.913	ng 98
6) Aniline	6.545	93	346211	53.700	ng 99
8) 2-Chlorophenol	6.663	128	238691	53.507	ng 99
9) Benzaldehyde	6.434	77	145420	49.583	ng 99
10) Phenol	6.528	94	288461	53.781	ng 95
11) bis(2-Chloroethyl)ether	6.616	93	206661	51.933	ng 100
12) 1,3-Dichlorobenzene	6.822	146	262098	51.598	ng 99
13) 1,4-Dichlorobenzene	6.898	146	266098	51.685	ng 99
14) 1,2-Dichlorobenzene	7.051	146	253411	51.487	ng 99
15) Benzyl Alcohol	7.022	79	193284	53.677	ng 97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	328251	52.354	ng 99
17) 2-Methylphenol	7.133	107	182167	53.415	ng 99
18) Hexachloroethane	7.392	117	94097	51.126	ng 99
19) n-Nitroso-di-n-propyla...	7.298	70	147905	48.753	ng 98
20) 3+4-Methylphenols	7.286	107	229169	53.390	ng 94
22) Acetophenone	7.292	105	303087	52.102	ng 98
24) Nitrobenzene	7.469	77	229219	53.773	ng 98
25) Isophorone	7.704	82	404886	50.334	ng 100
26) 2-Nitrophenol	7.781	139	127773	53.795	ng 99
27) 2,4-Dimethylphenol	7.816	122	216204	53.466	ng 99
28) bis(2-Chloroethoxy)met...	7.916	93	256119	51.148	ng 100
29) 2,4-Dichlorophenol	8.022	162	195589	52.478	ng 100
30) 1,2,4-Trichlorobenzene	8.104	180	213118	51.763	ng 100
31) Naphthalene	8.186	128	668713	51.717	ng 100
32) Benzoic acid	7.933	122	119196	53.128	ng 97
33) 4-Chloroaniline	8.239	127	276441	53.347	ng 99
34) Hexachlorobutadiene	8.304	225	131697	50.481	ng 99
35) Caprolactam	8.610	113	53024	52.873	ng 98
36) 4-Chloro-3-methylphenol	8.716	107	195744	50.843	ng 99
37) 2-Methylnaphthalene	8.880	142	414854	50.859	ng 99
38) 1-Methylnaphthalene	8.980	142	430144	50.792	ng 100
40) 1,2,4,5-Tetrachloroben...	9.045	216	207997	51.779	ng 100
41) Hexachlorocyclopentadiene	9.033	237	127033	50.012	ng 99
43) 2,4,6-Trichlorophenol	9.157	196	141932	54.597	ng 100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142793.D
 Acq On : 19 Jun 2025 19:40
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

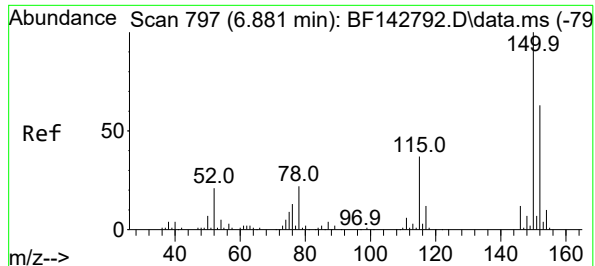
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	144717	51.550	ng	100
46) 1,1'-Biphenyl	9.345	154	559765	51.807	ng	99
47) 2-Chloronaphthalene	9.369	162	420603	52.754	ng	100
48) 2-Nitroaniline	9.463	65	124478	54.955	ng	99
49) Acenaphthylene	9.786	152	694098	51.783	ng	100
50) Dimethylphthalate	9.645	163	464372	50.308	ng	100
51) 2,6-Dinitrotoluene	9.710	165	102361	51.156	ng	98
52) Acenaphthene	9.957	154	427135	51.498	ng	100
53) 3-Nitroaniline	9.874	138	117448	54.038	ng	98
54) 2,4-Dinitrophenol	9.986	184	60308	55.696	ng	92
55) Dibenzofuran	10.127	168	609507	51.506	ng	100
56) 4-Nitrophenol	10.033	139	82688	56.047	ng	98
57) 2,4-Dinitrotoluene	10.110	165	141691	53.554	ng	98
58) Fluorene	10.474	166	473968	50.747	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	120008	50.988	ng	97
60) Diethylphthalate	10.345	149	458546	50.010	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	222613	49.076	ng	98
62) 4-Nitroaniline	10.492	138	109973	56.363	ng	97
63) Azobenzene	10.622	77	409164	51.063	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	76696	53.713	ng	97
66) n-Nitrosodiphenylamine	10.580	169	411917	52.171	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	135699	50.425	ng	98
68) Hexachlorobenzene	11.021	284	150669	50.432	ng	99
69) Atrazine	11.110	200	111915	53.385	ng	99
70) Pentachlorophenol	11.216	266	81577	52.574	ng	98
71) Phenanthrene	11.439	178	644668	52.403	ng	99
72) Anthracene	11.492	178	654942	51.433	ng	99
73) Carbazole	11.645	167	575784	53.996	ng	100
74) Di-n-butylphthalate	11.968	149	616452	52.211	ng	100
75) Fluoranthene	12.627	202	608190	52.032	ng	100
77) Benzidine	12.745	184	242794	58.208	ng	100
78) Pyrene	12.857	202	597913	55.205	ng	99
80) Butylbenzylphthalate	13.474	149	180565	56.257	ng	97
81) Benzo(a)anthracene	14.045	228	413349	53.431	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	140152	55.949	ng	99
83) Chrysene	14.080	228	381352	52.950	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	253542	53.016	ng	100
85) Di-n-octyl phthalate	14.645	149	474143	52.029	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	575271	55.741	ng	100
88) Benzo(b)fluoranthene	15.109	252	401915	49.437	ng	100
89) Benzo(k)fluoranthene	15.139	252	416169	52.440	ng	100
90) Benzo(a)pyrene	15.486	252	419030	53.860	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	466485	55.594	ng	99
92) Benzo(g,h,i)perylene	17.521	276	464951	55.540	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

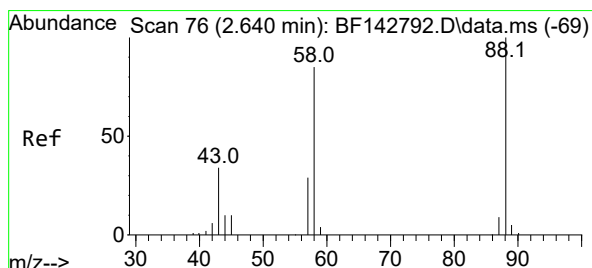
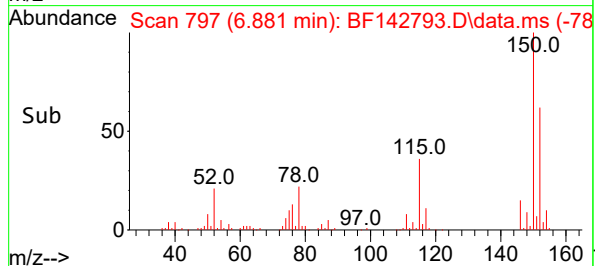
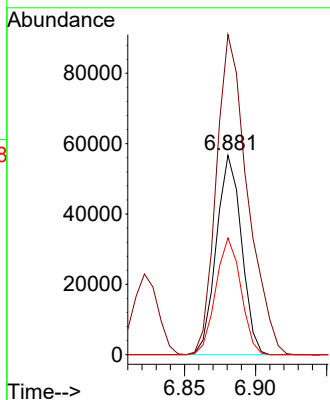
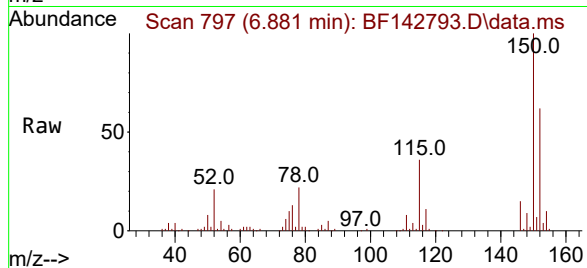
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

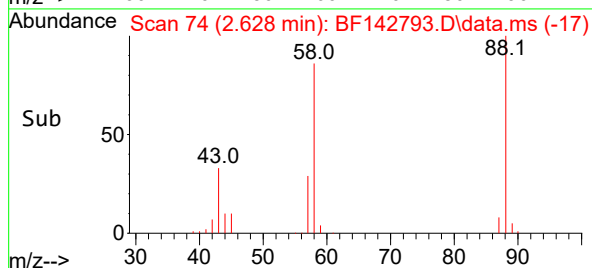
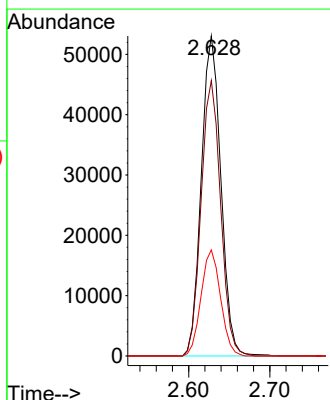
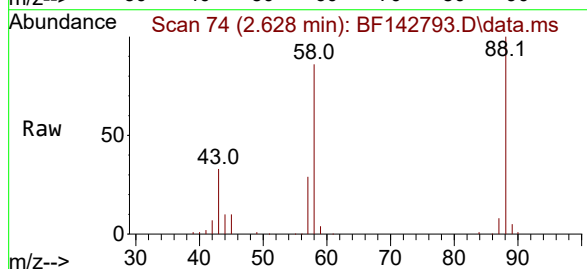
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

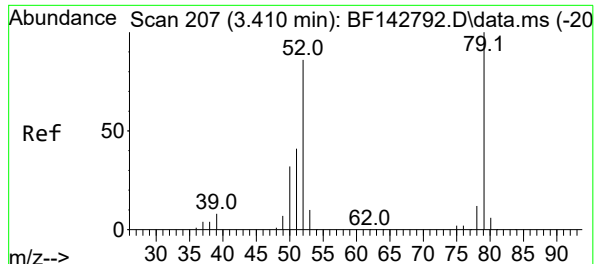
Tgt Ion:152 Resp: 69874
Ion Ratio Lower Upper
152 100
150 160.5 127.2 190.8
115 58.5 46.6 69.8



#2
1,4-Dioxane
Concen: 54.606 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 88 Resp: 88835
Ion Ratio Lower Upper
88 100
58 85.8 69.1 103.7
43 33.0 27.4 41.2





#3

Pyridine

Concen: 55.874 ng

RT: 3.398 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

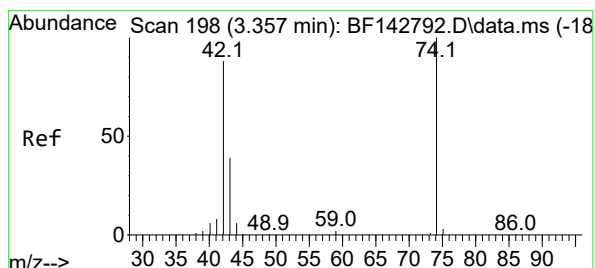
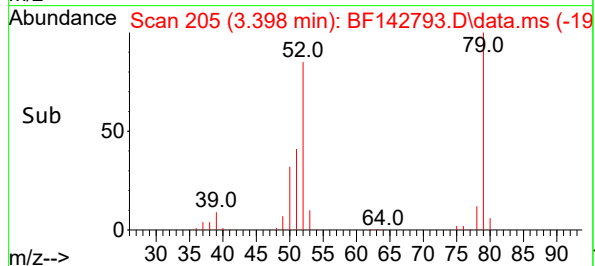
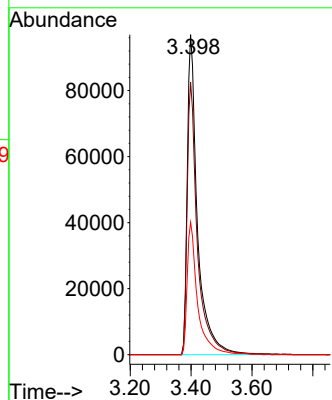
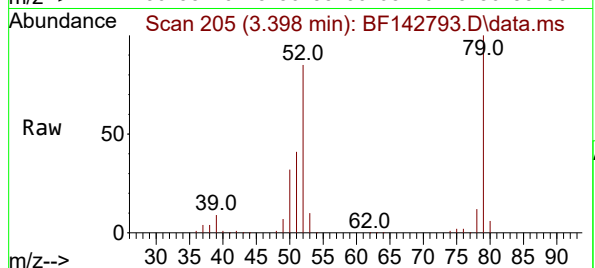
Tgt Ion: 79 Resp: 227576

Ion Ratio Lower Upper

79 100

52 85.2 69.2 103.8

51 41.4 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 55.913 ng

RT: 3.351 min Scan# 197

Delta R.T. -0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

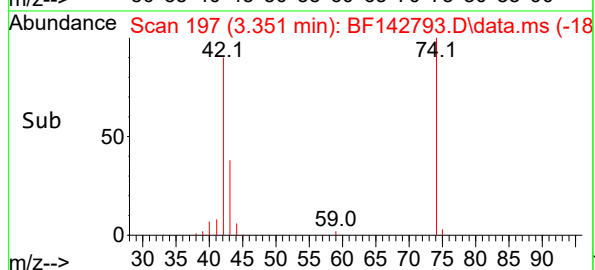
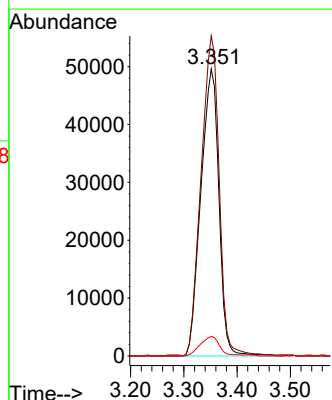
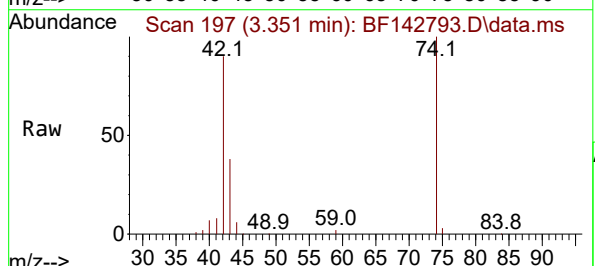
Tgt Ion: 42 Resp: 116636

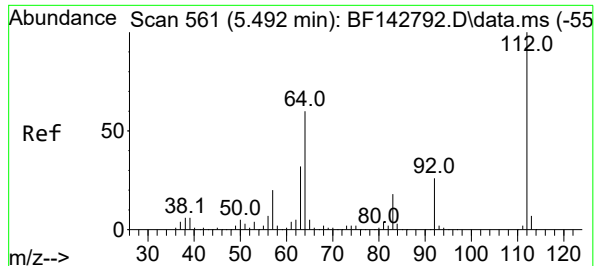
Ion Ratio Lower Upper

42 100

74 111.5 90.9 136.3

44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 107.674 ng

RT: 5.492 min Scan# 5

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

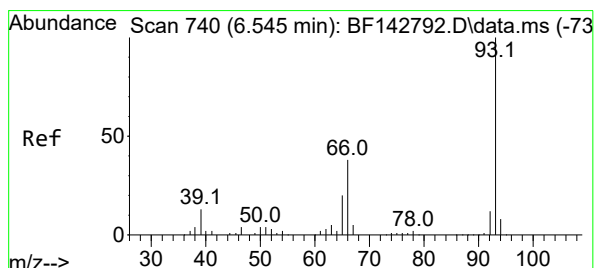
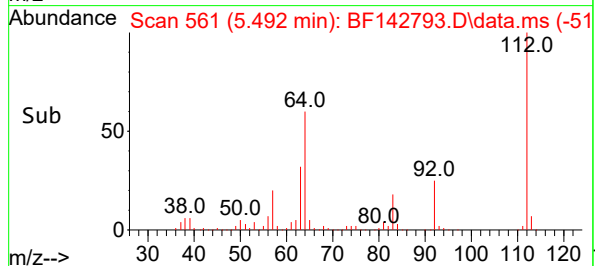
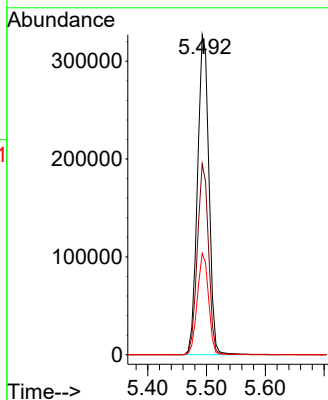
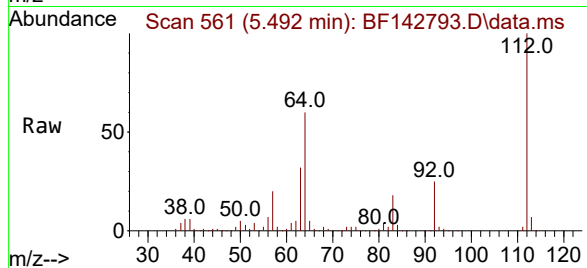
Tgt Ion:112 Resp: 441114

Ion Ratio Lower Upper

112 100

64 59.6 48.2 72.2

63 31.6 25.7 38.5



#6

Aniline

Concen: 53.700 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

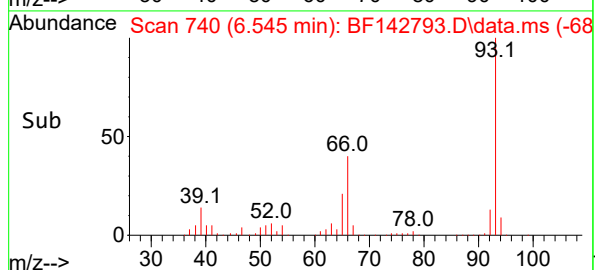
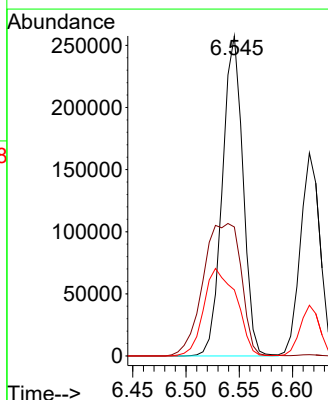
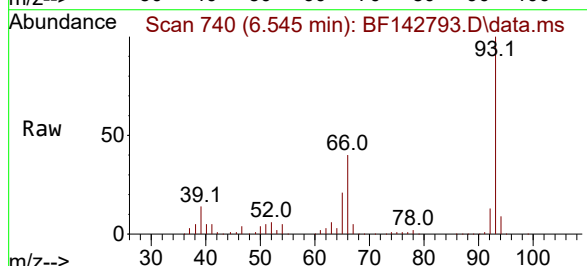
Tgt Ion: 93 Resp: 346211

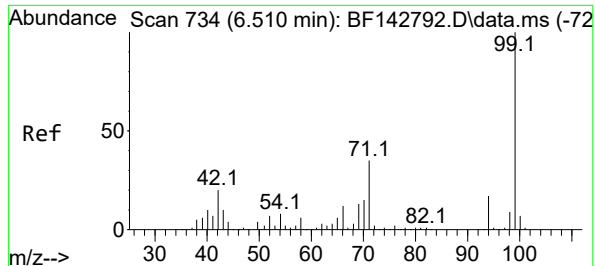
Ion Ratio Lower Upper

93 100

66 40.3 31.8 47.6

65 20.7 16.2 24.2





#7

Phenol-d6

Concen: 107.451 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

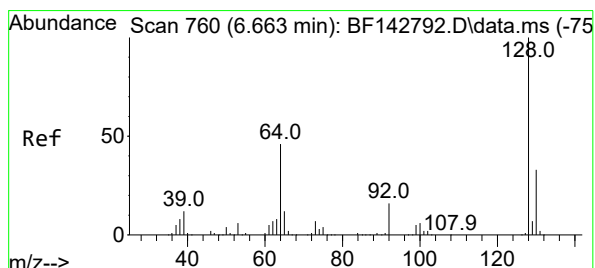
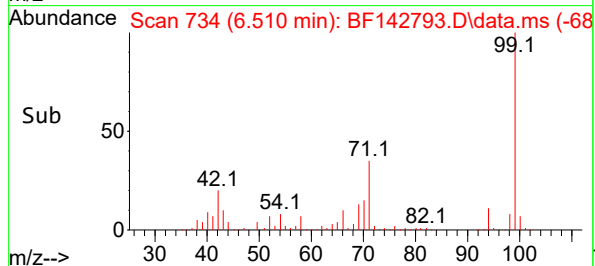
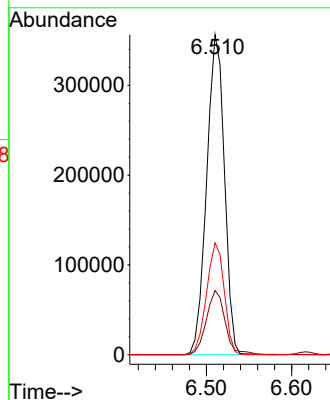
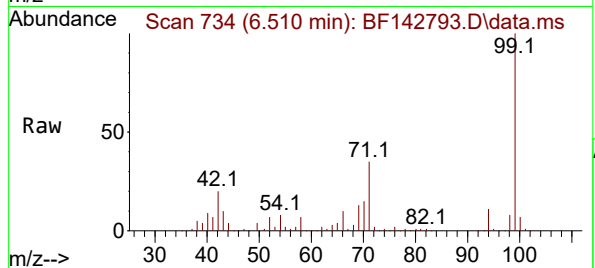
Tgt Ion: 99 Resp: 516909

Ion Ratio Lower Upper

99 100

42 20.1 15.9 23.9

71 34.9 27.8 41.8



#8

2-Chlorophenol

Concen: 53.507 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

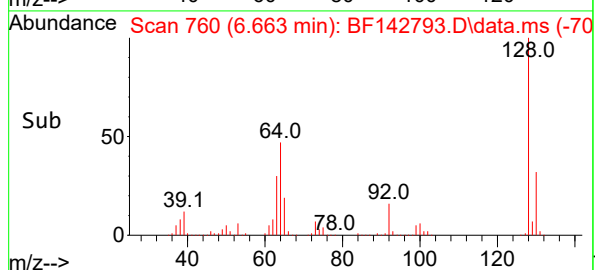
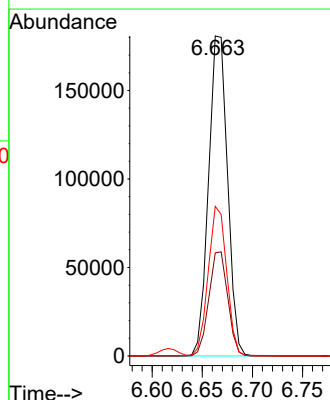
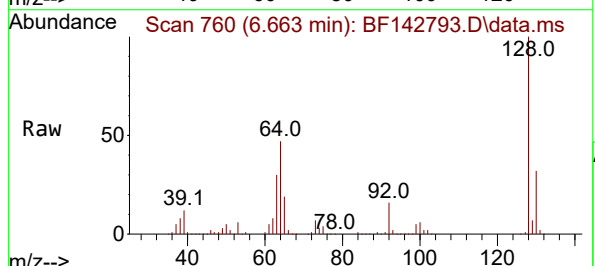
Tgt Ion:128 Resp: 238691

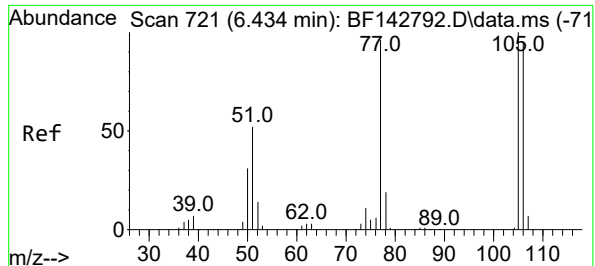
Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

64 46.8 26.5 66.5





#9

Benzaldehyde

Concen: 49.583 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

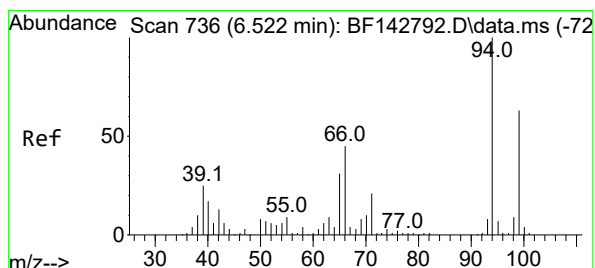
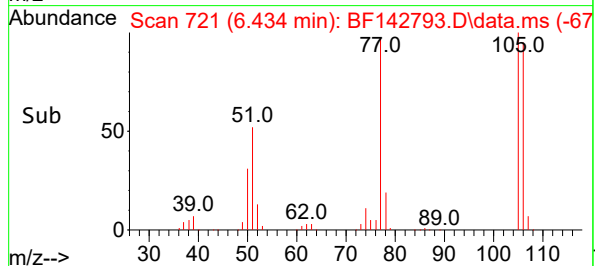
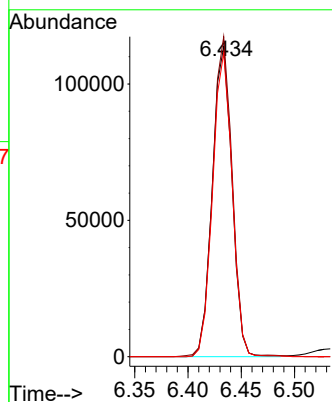
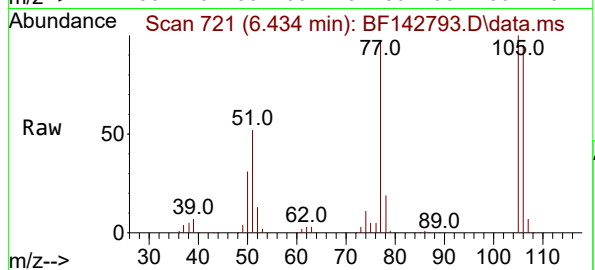
Tgt Ion: 77 Resp: 145420

Ion Ratio Lower Upper

77 100

105 103.2 83.8 123.8

106 98.0 78.7 118.7



#10

Phenol

Concen: 53.781 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

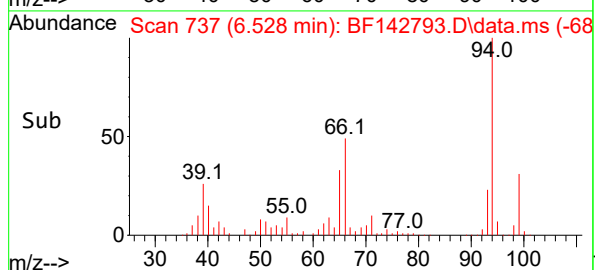
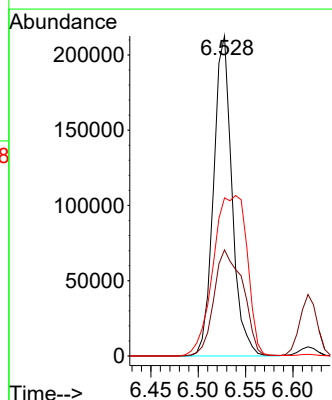
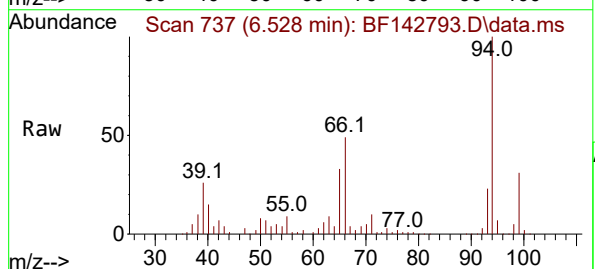
Tgt Ion: 94 Resp: 288461

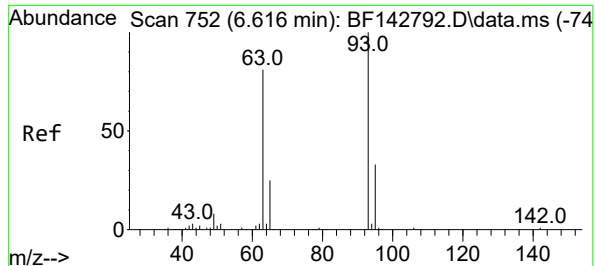
Ion Ratio Lower Upper

94 100

65 33.2 11.3 51.3

66 49.4 24.9 64.9

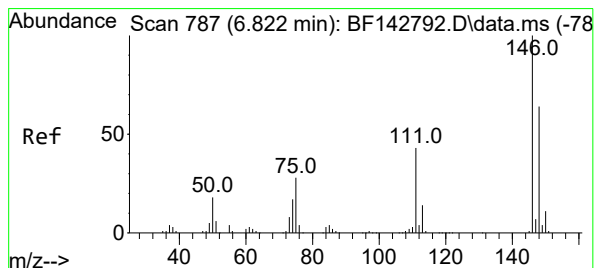
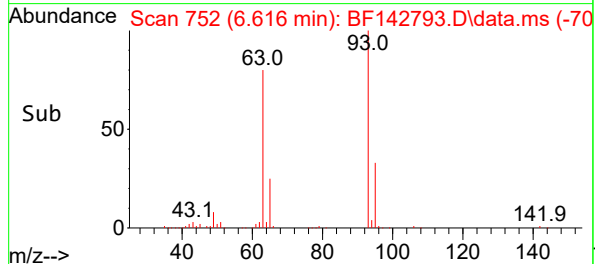
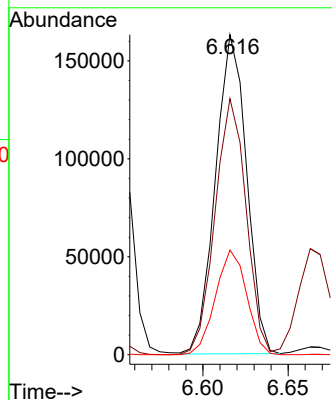
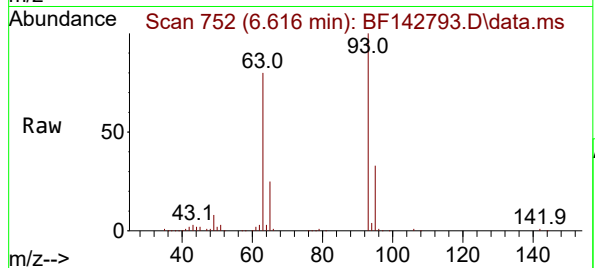




#11
bis(2-Chloroethyl)ether
Concen: 51.933 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

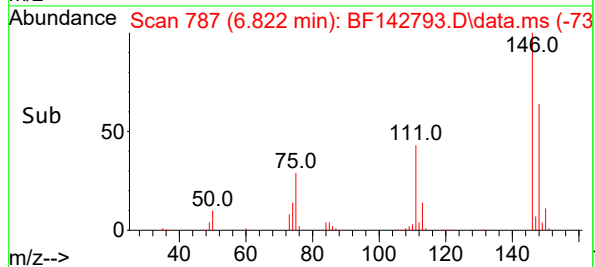
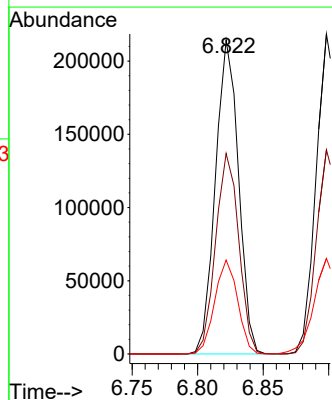
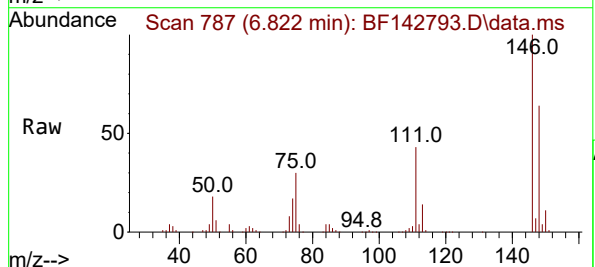
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

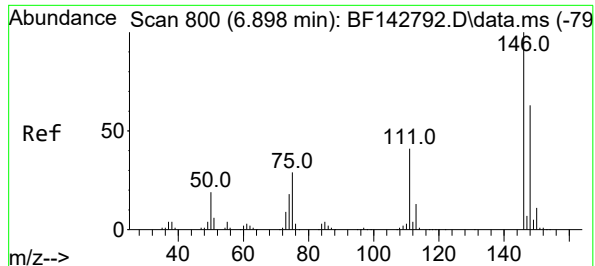
Tgt Ion: 93 Resp: 206661
Ion Ratio Lower Upper
93 100
63 80.0 60.3 100.3
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 51.598 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 146 Resp: 262098
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
75 29.9 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 51.685 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

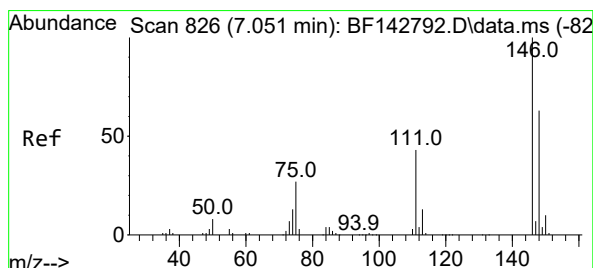
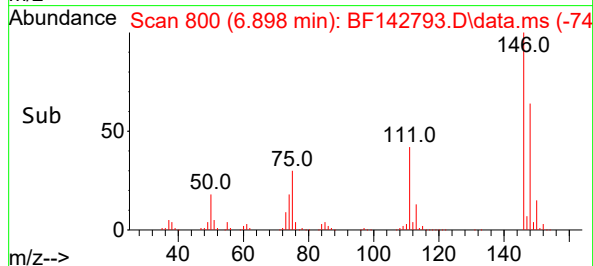
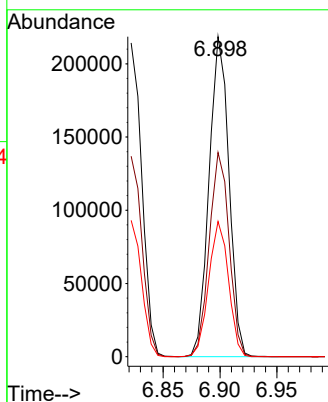
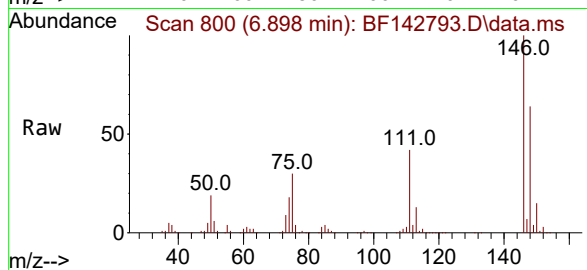
Tgt Ion:146 Resp: 266098

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

111 42.2 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 51.487 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

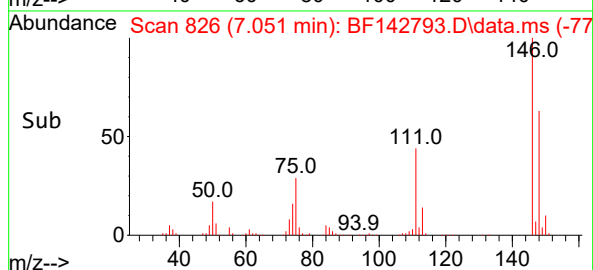
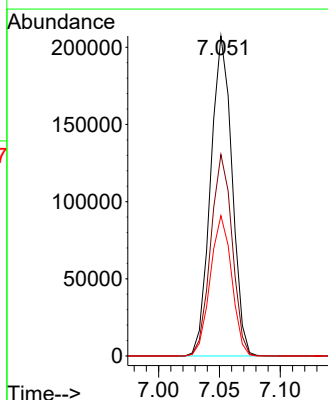
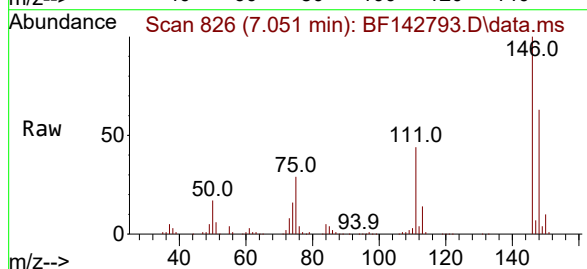
Tgt Ion:146 Resp: 253411

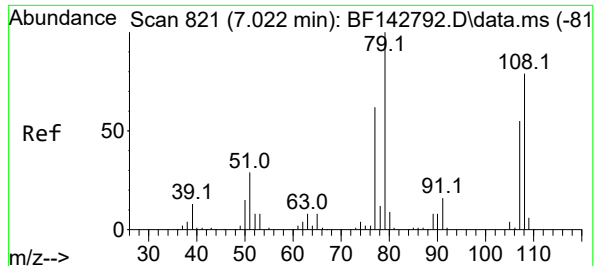
Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

111 43.9 34.1 51.1





#15

Benzyl Alcohol

Concen: 53.677 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

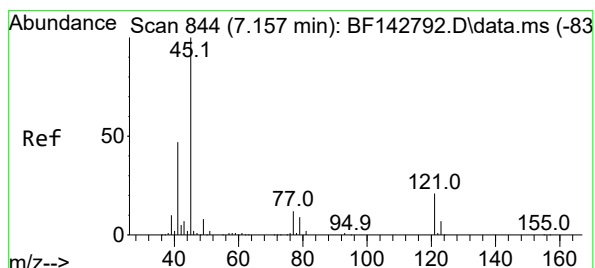
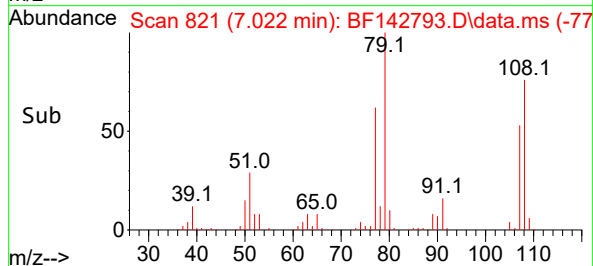
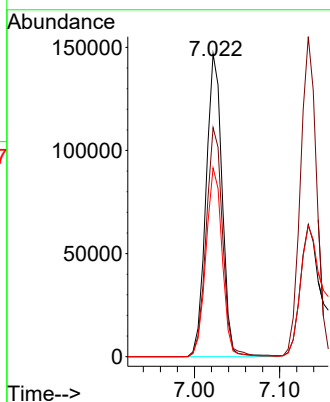
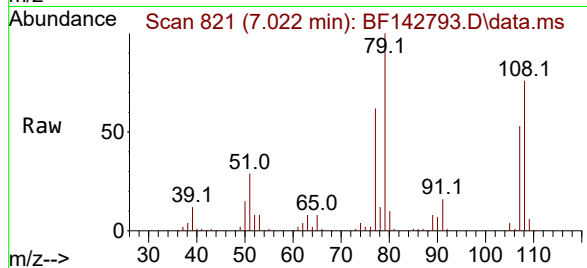
Tgt Ion: 79 Resp: 193284

Ion Ratio Lower Upper

79 100

108 75.6 63.4 95.0

77 62.4 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.354 ng

RT: 7.157 min Scan# 844

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

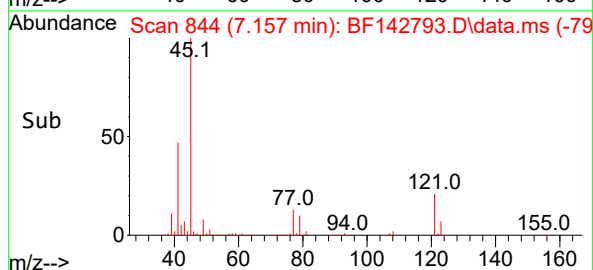
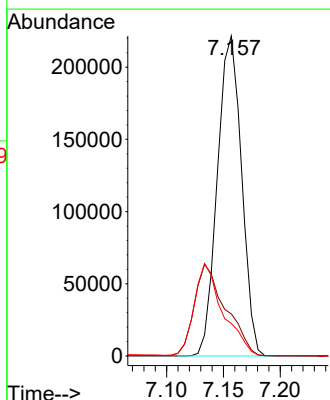
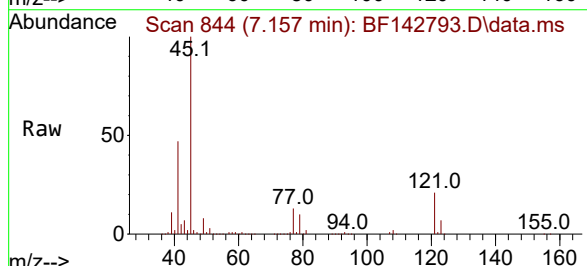
Tgt Ion: 45 Resp: 328251

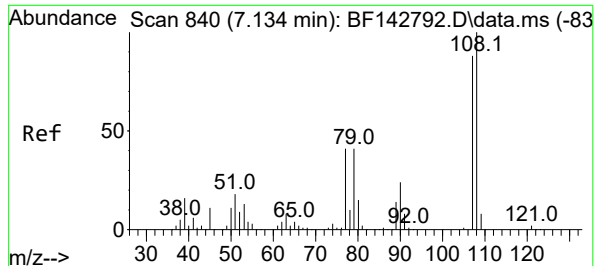
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.8

79 10.2 0.0 29.8





#17

2-Methylphenol

Concen: 53.415 ng

RT: 7.133 min Scan# 84

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 182167

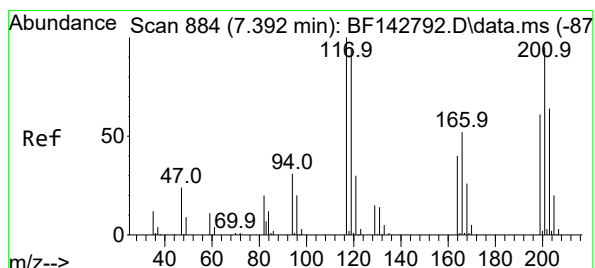
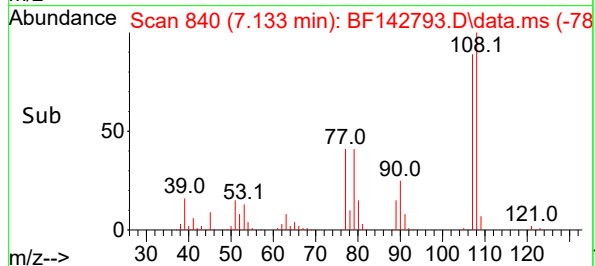
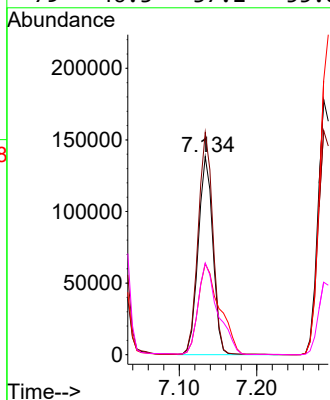
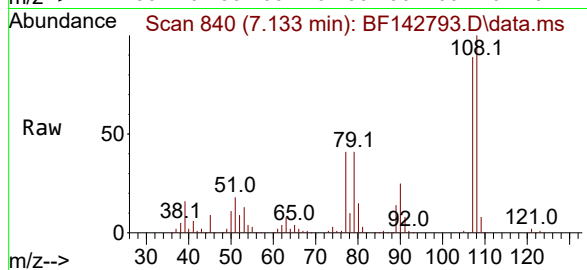
Ion Ratio Lower Upper

107 100

108 112.2 90.9 136.3

77 45.9 37.3 55.9

79 46.3 37.2 55.8



#18

Hexachloroethane

Concen: 51.126 ng

RT: 7.392 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

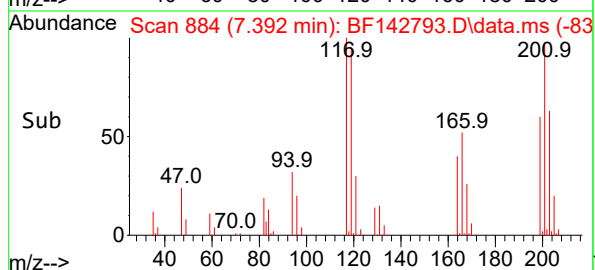
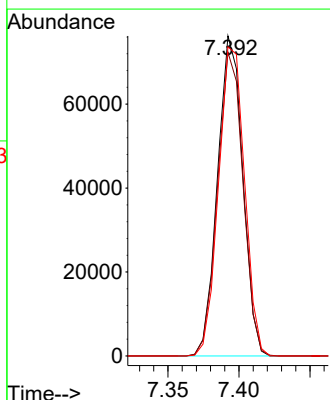
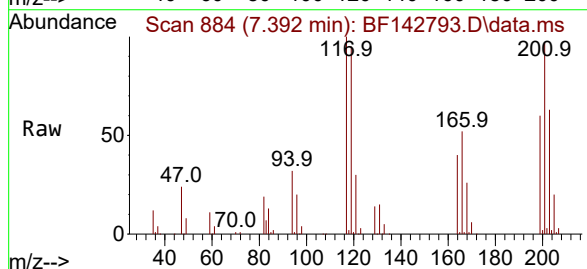
Tgt Ion:117 Resp: 94097

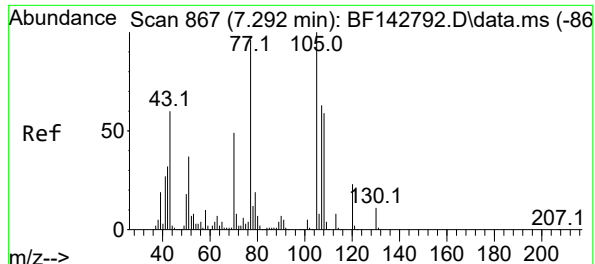
Ion Ratio Lower Upper

117 100

119 94.9 75.4 113.0

201 96.6 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 48.753 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.006 min

Lab File: BF142793.D

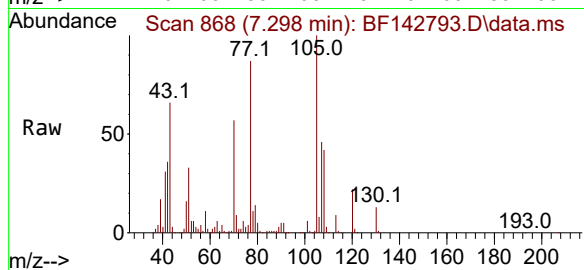
Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 147905

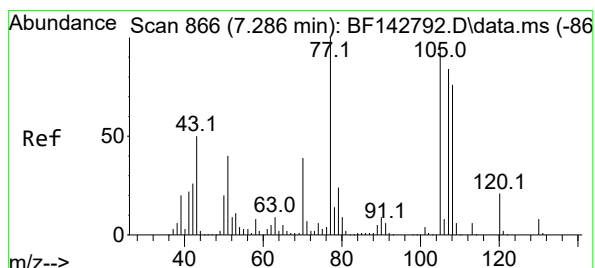
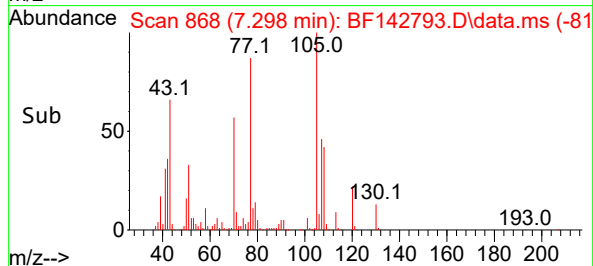
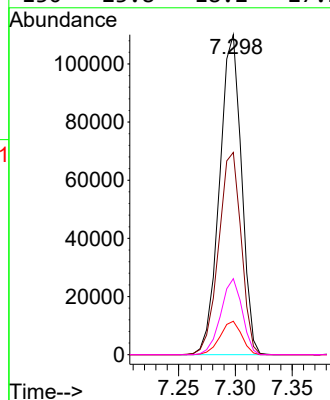
Ion Ratio Lower Upper

70 100

42 63.2 52.1 78.1

101 10.4 8.2 12.2

130 23.8 18.2 27.2



#20

3+4-Methylphenols

Concen: 53.390 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Tgt Ion: 107 Resp: 229169

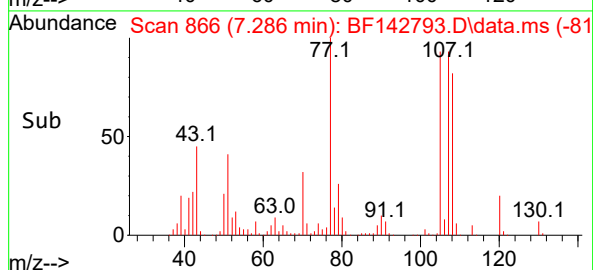
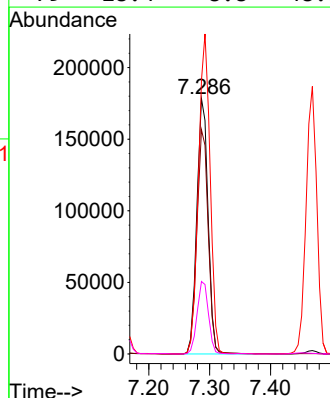
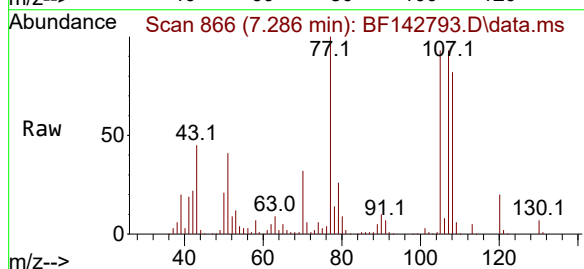
Ion Ratio Lower Upper

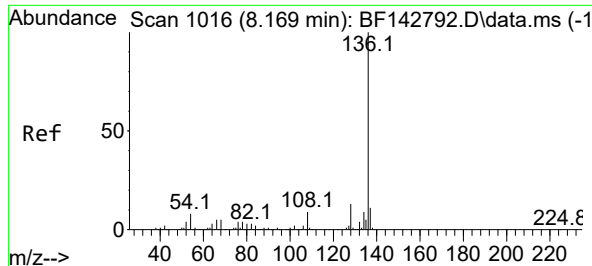
107 100

108 87.9 70.0 110.0

77 107.3 98.5 138.5

79 28.4 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 262911

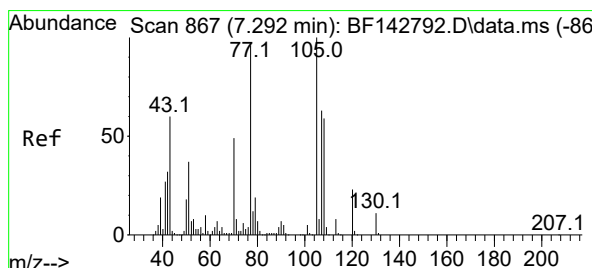
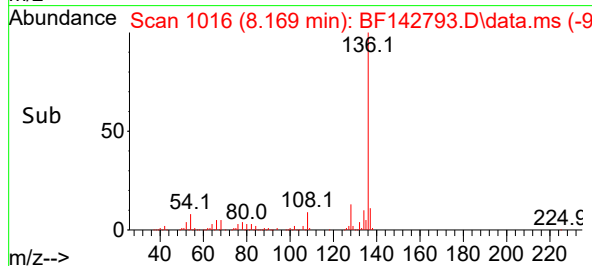
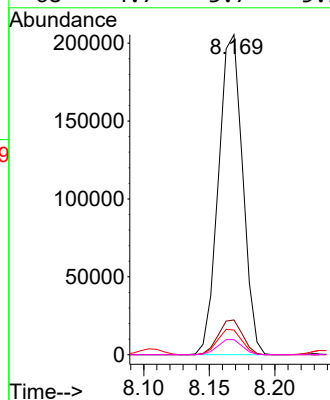
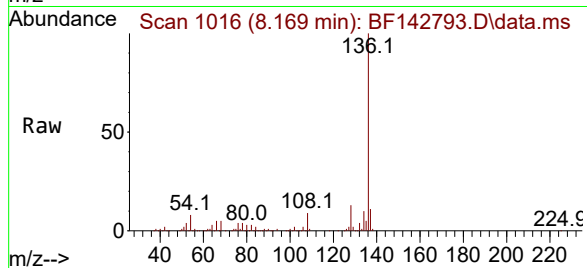
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.7 6.3 9.5

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 52.102 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Tgt Ion:105 Resp: 303087

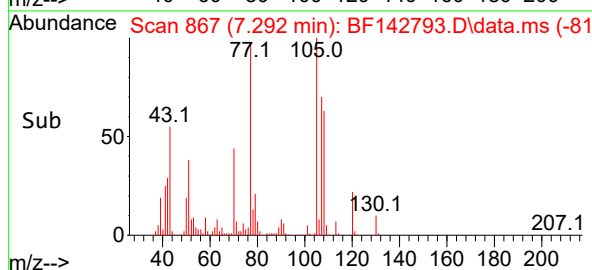
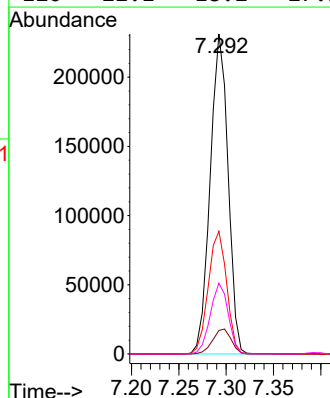
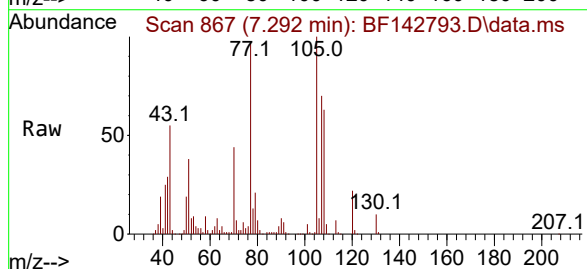
Ion Ratio Lower Upper

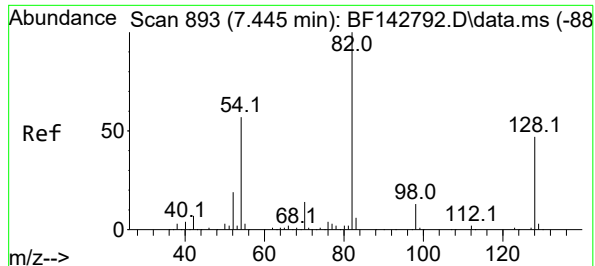
105 100

71 7.4 6.5 9.7

51 38.4 29.8 44.8

120 22.1 18.2 27.2





#23

Nitrobenzene-d5

Concen: 105.669 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

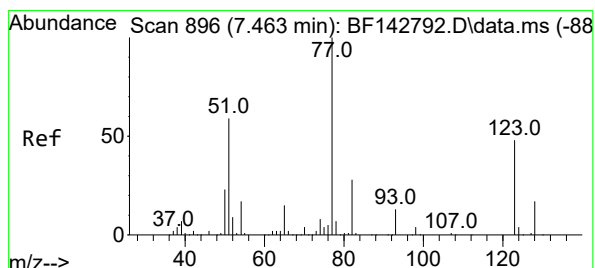
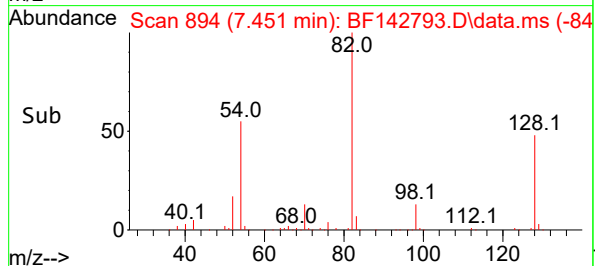
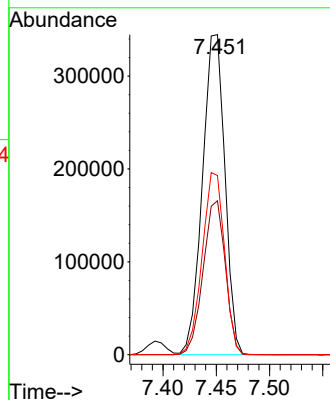
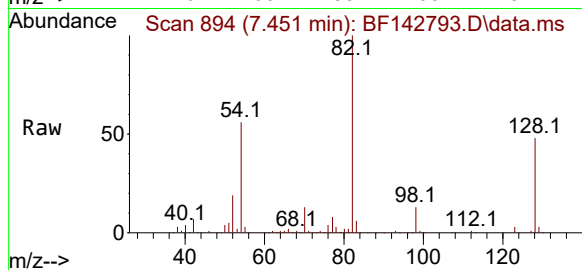
Tgt Ion: 82 Resp: 506846

Ion Ratio Lower Upper

82 100

128 48.1 37.7 56.5

54 56.0 45.7 68.5



#24

Nitrobenzene

Concen: 53.773 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

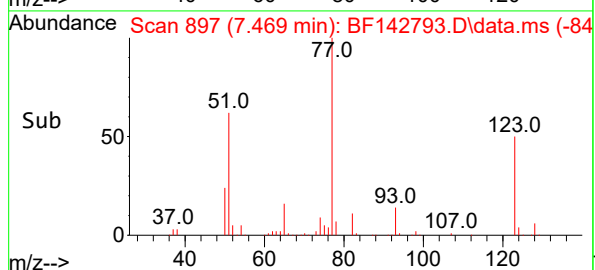
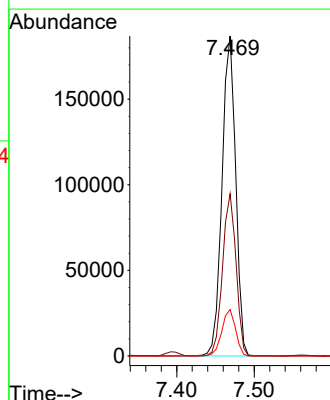
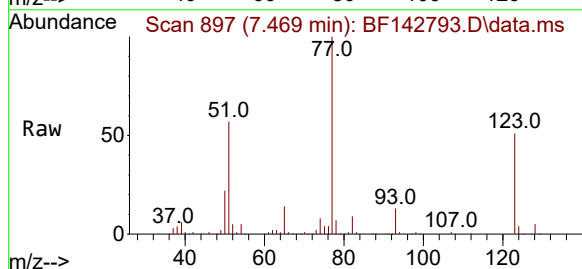
Tgt Ion: 77 Resp: 229219

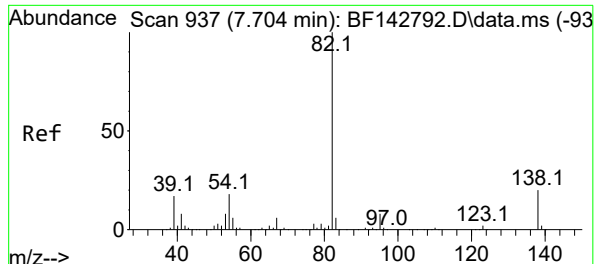
Ion Ratio Lower Upper

77 100

123 50.7 39.2 58.8

65 14.5 11.6 17.4

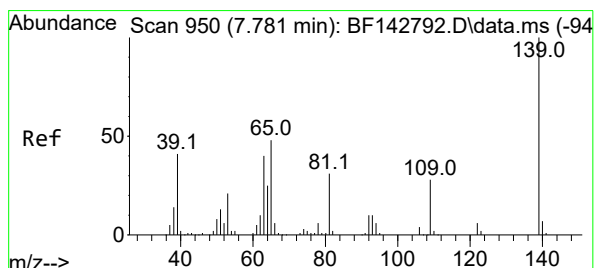
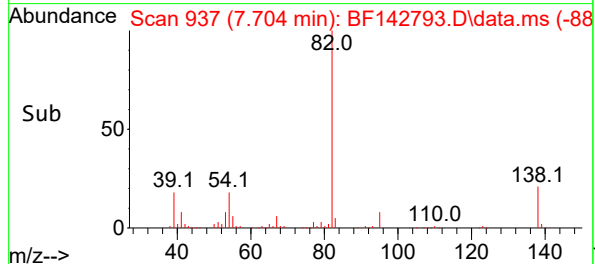
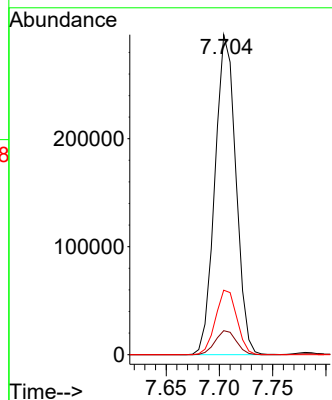
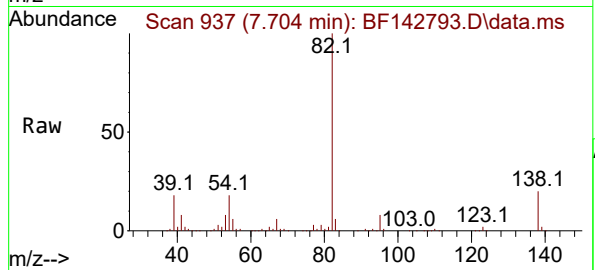




#25
Isophorone
Concen: 50.334 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

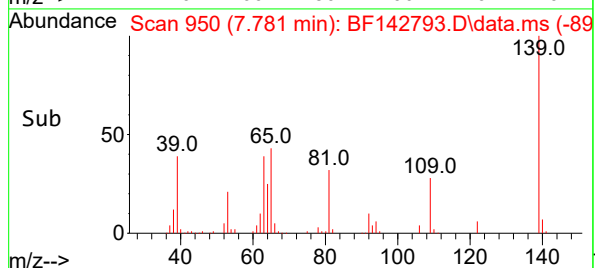
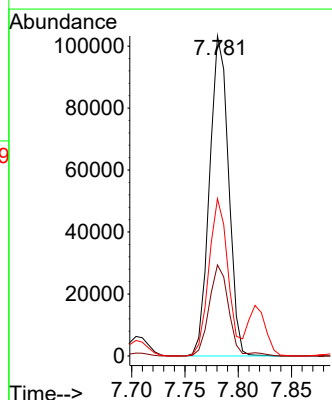
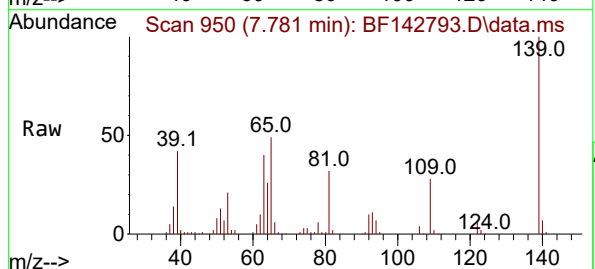
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

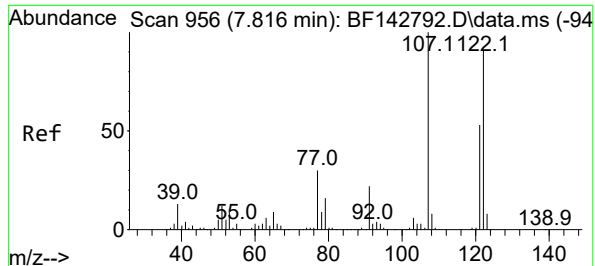
Tgt Ion: 82 Resp: 404886
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 53.795 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 139 Resp: 127773
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 49.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 53.466 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

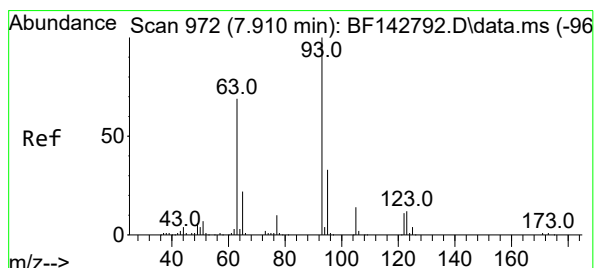
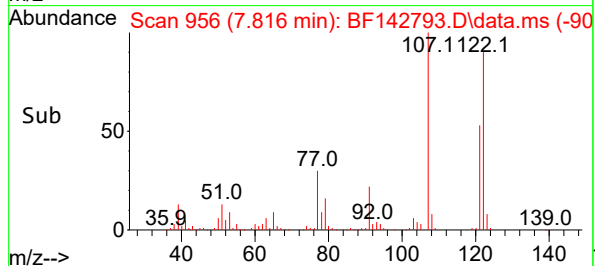
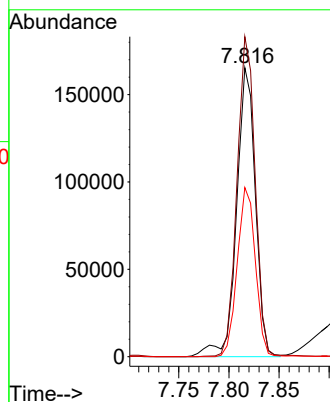
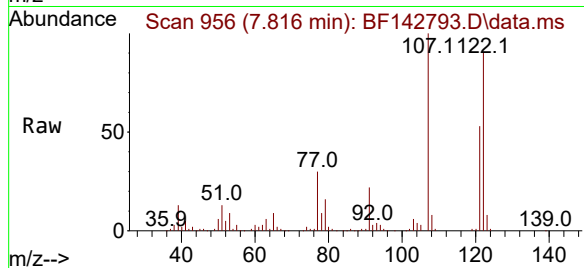
Tgt Ion:122 Resp: 216204

Ion Ratio Lower Upper

122 100

107 110.8 88.0 132.0

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 51.148 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

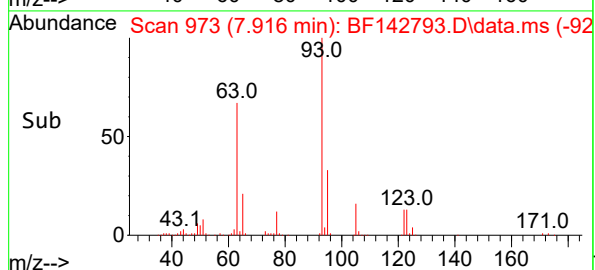
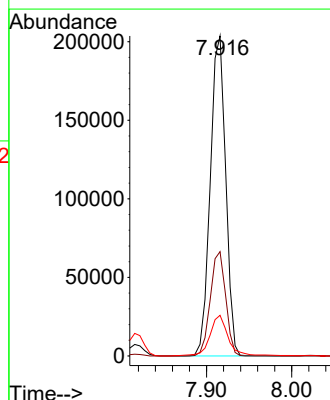
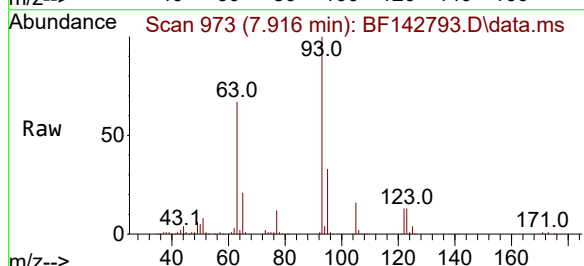
Tgt Ion: 93 Resp: 256119

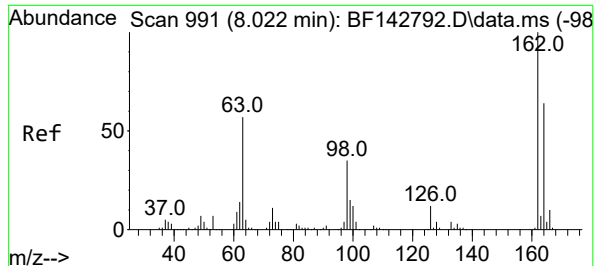
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 52.478 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

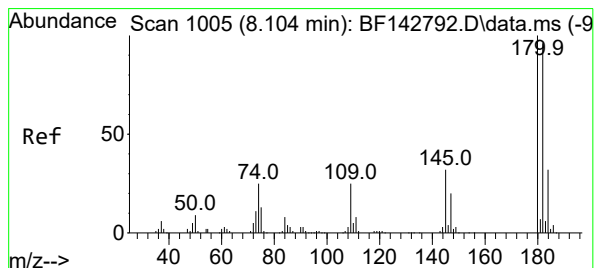
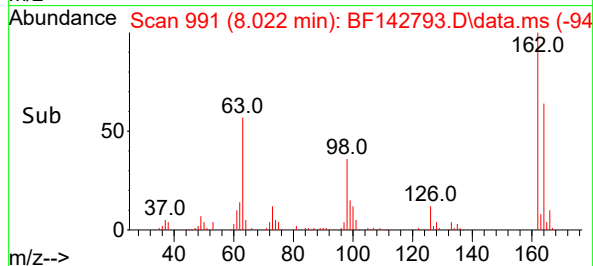
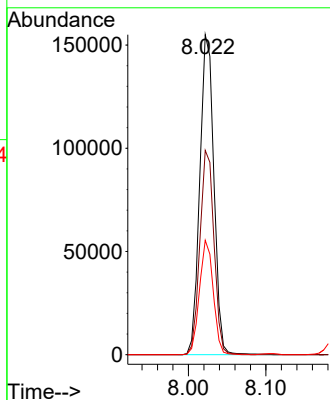
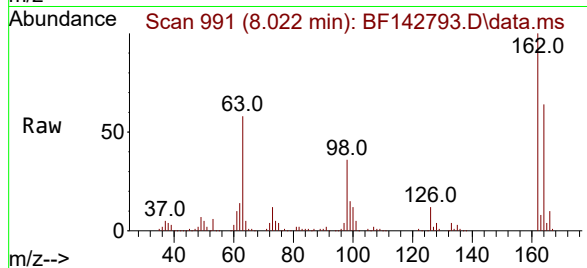
Tgt Ion:162 Resp: 195589

Ion Ratio Lower Upper

162 100

164 63.8 44.0 84.0

98 35.8 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 51.763 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

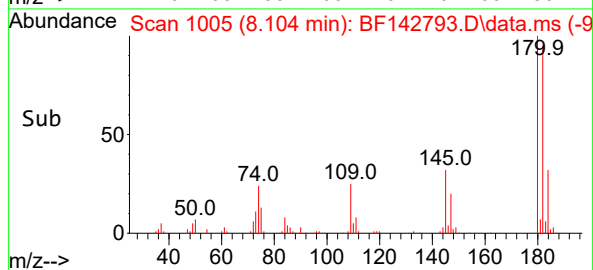
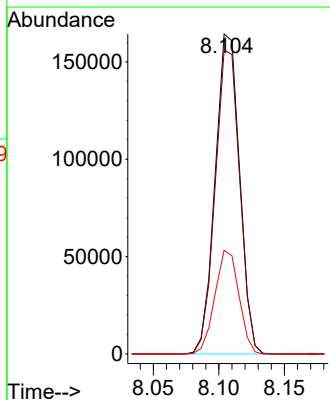
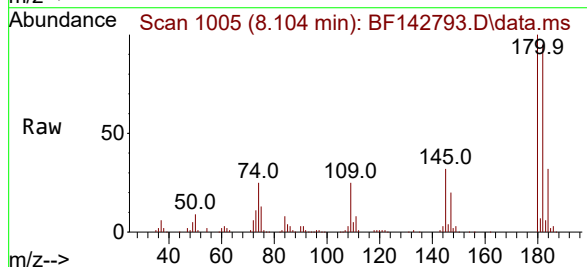
Tgt Ion:180 Resp: 213118

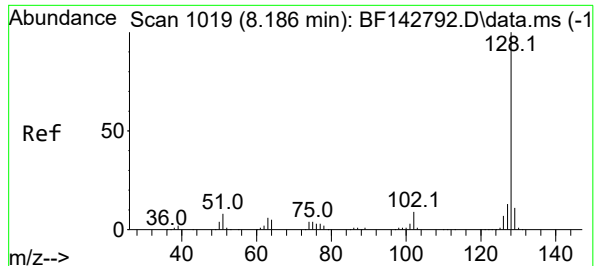
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 32.4 25.8 38.8





#31

Naphthalene

Concen: 51.717 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

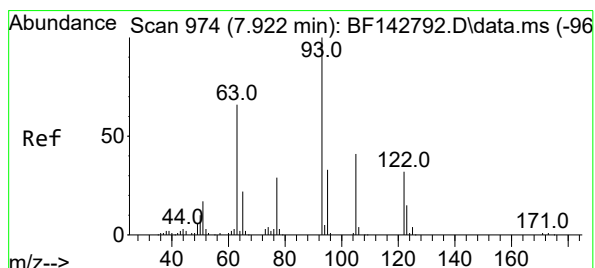
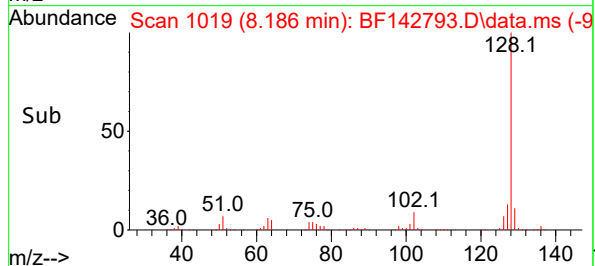
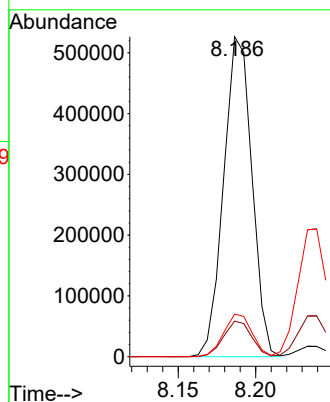
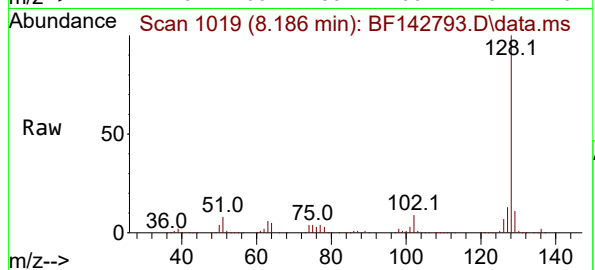
Tgt Ion:128 Resp: 668713

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.3 10.4 15.6



#32

Benzoic acid

Concen: 53.128 ng

RT: 7.933 min Scan# 976

Delta R.T. 0.012 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

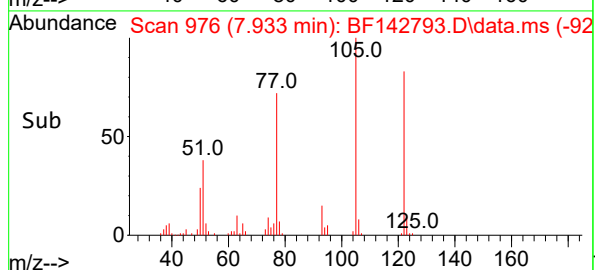
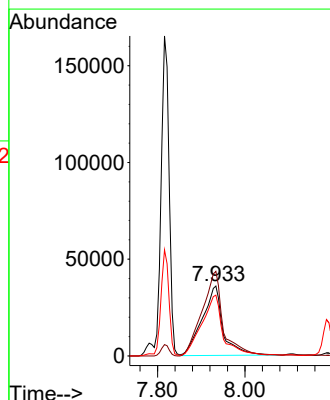
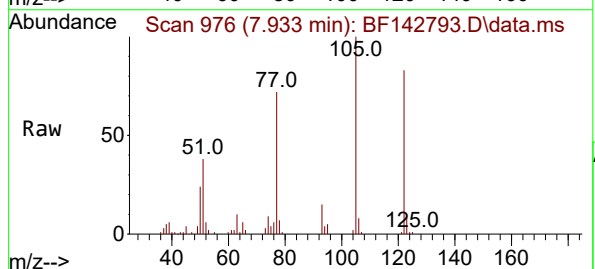
Tgt Ion:122 Resp: 119196

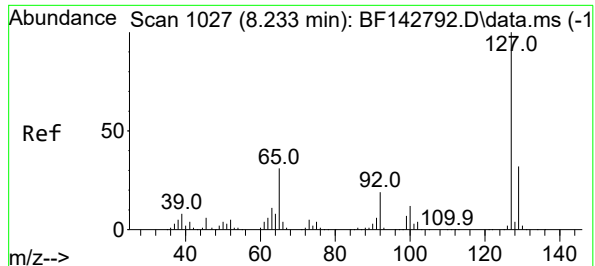
Ion Ratio Lower Upper

122 100

105 121.1 104.7 144.7

77 87.0 70.2 110.2





#33

4-Chloroaniline

Concen: 53.347 ng

RT: 8.239 min Scan# 1027

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 276441

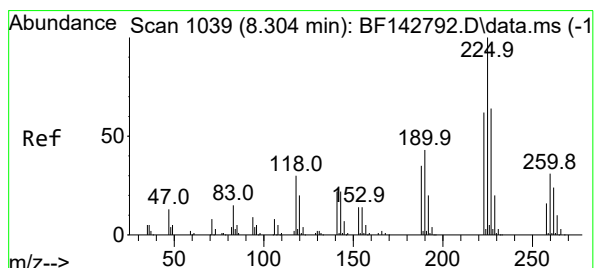
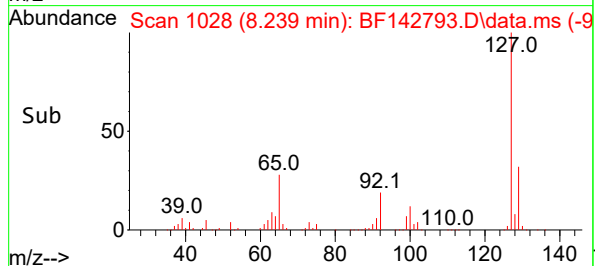
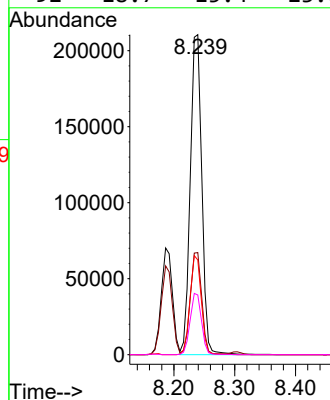
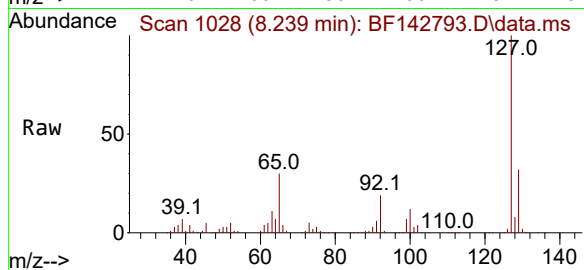
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 29.6 24.6 36.8

92 18.7 15.4 23.0



#34

Hexachlorobutadiene

Concen: 50.481 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

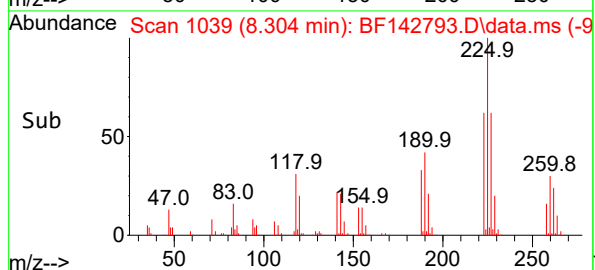
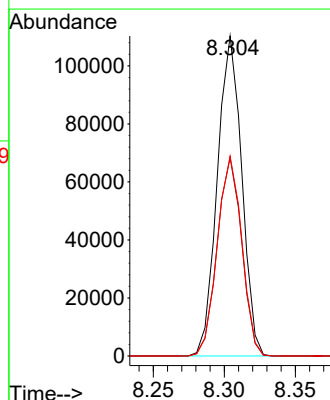
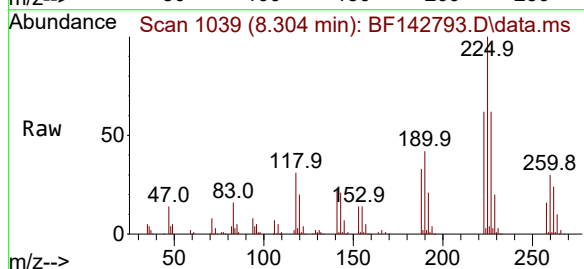
Tgt Ion:225 Resp: 131697

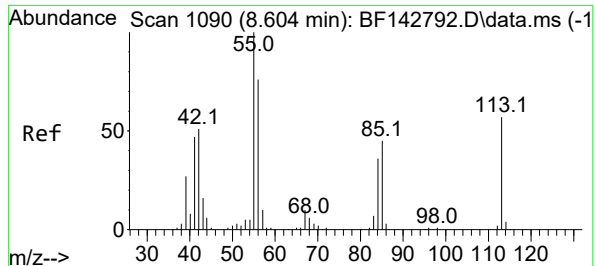
Ion Ratio Lower Upper

225 100

223 62.0 49.9 74.9

227 62.4 51.4 77.0

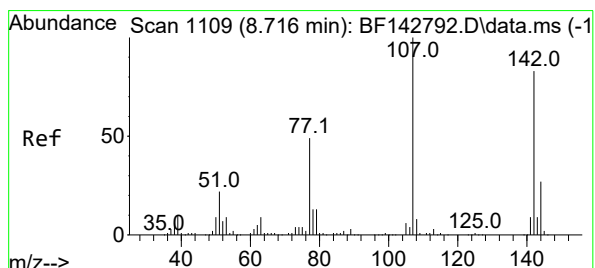
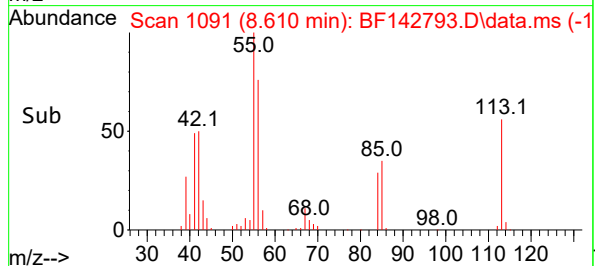
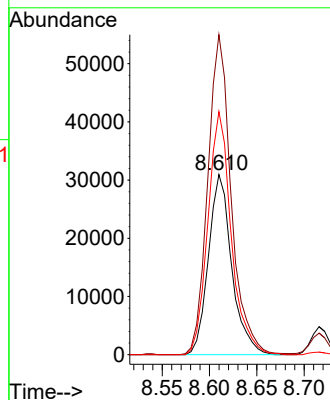
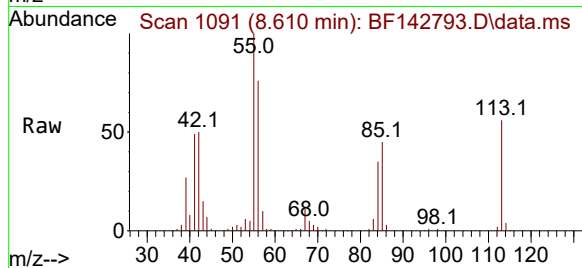




#35
Caprolactam
Concen: 52.873 ng
RT: 8.610 min Scan# 1091
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

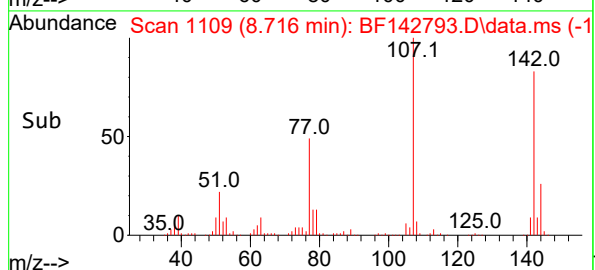
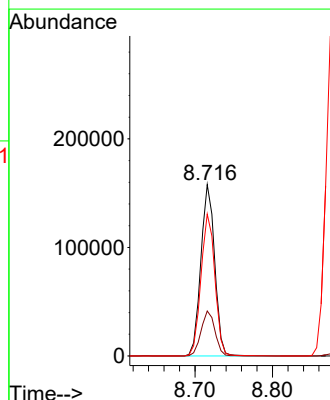
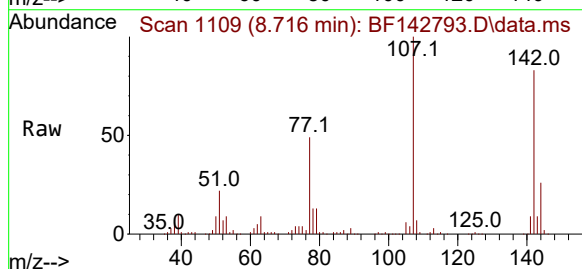
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

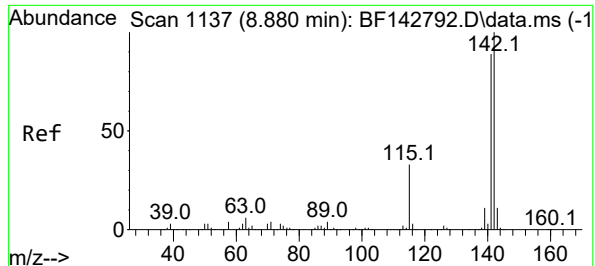
Tgt Ion:113 Resp: 53024
Ion Ratio Lower Upper
113 100
55 177.6 154.4 194.4
56 134.9 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 50.843 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:107 Resp: 195744
Ion Ratio Lower Upper
107 100
144 26.3 21.3 31.9
142 82.9 66.6 100.0

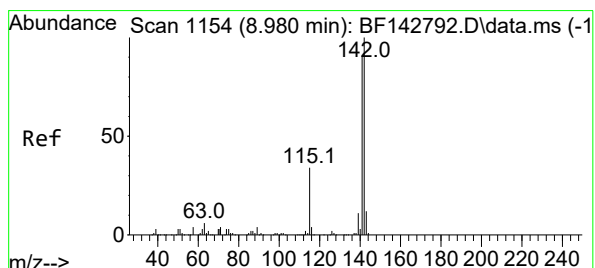
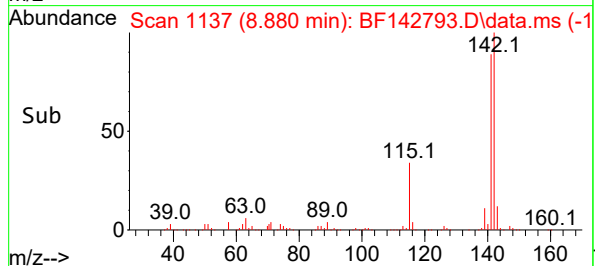
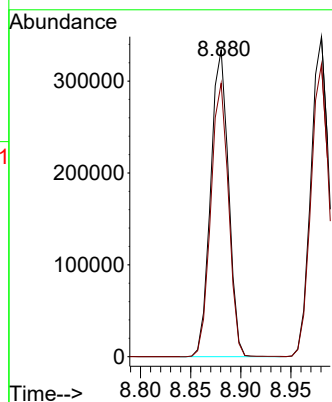
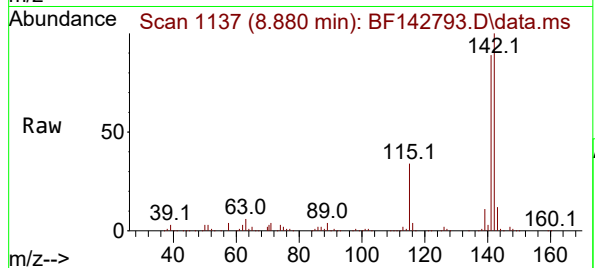




#37
2-Methylnaphthalene
Concen: 50.859 ng
RT: 8.880 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

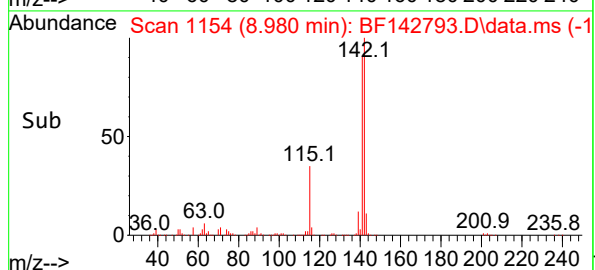
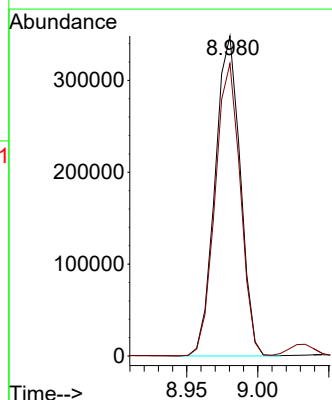
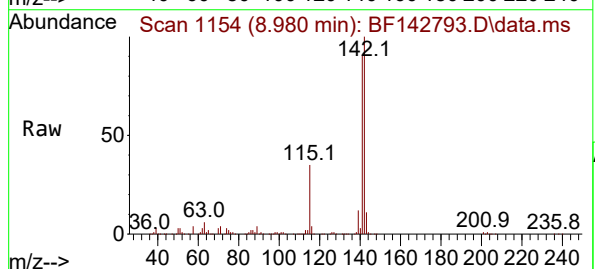
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

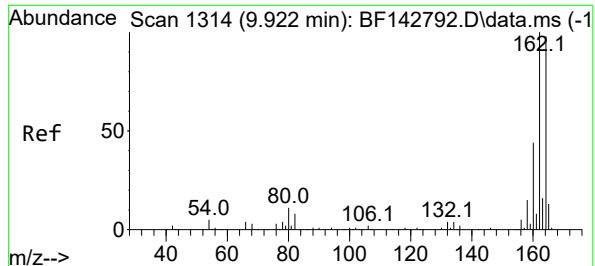
Tgt Ion:142 Resp: 414854
Ion Ratio Lower Upper
142 100
141 89.1 70.9 106.3



#38
1-Methylnaphthalene
Concen: 50.792 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:142 Resp: 430144
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF142793.D

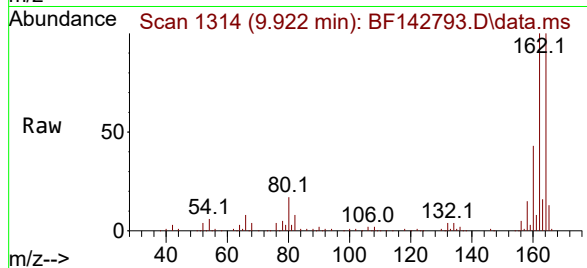
Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



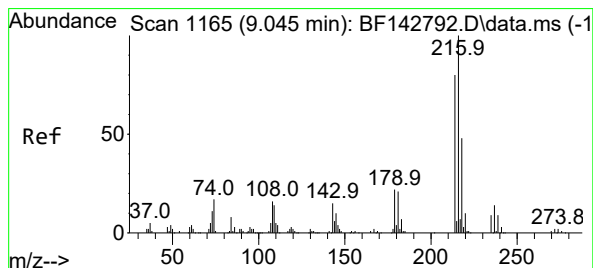
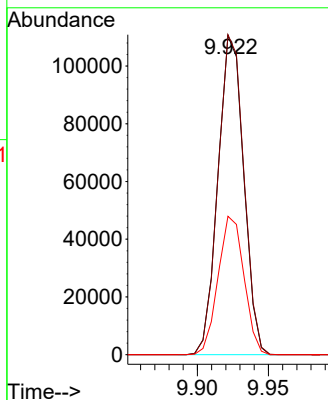
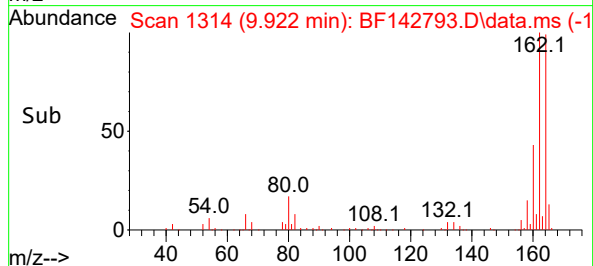
Tgt Ion:164 Resp: 139156

Ion Ratio Lower Upper

164 100

162 100.3 81.8 122.8

160 43.4 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

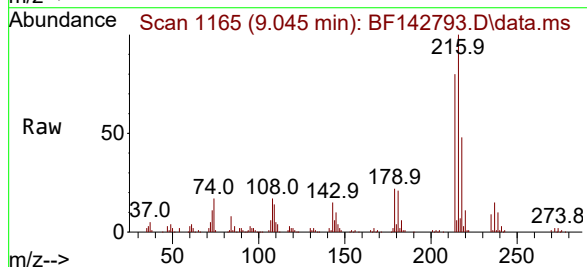
Concen: 51.779 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40



Tgt Ion:216 Resp: 207997

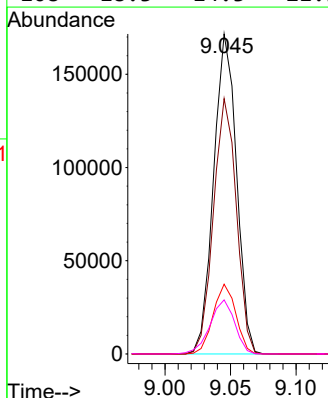
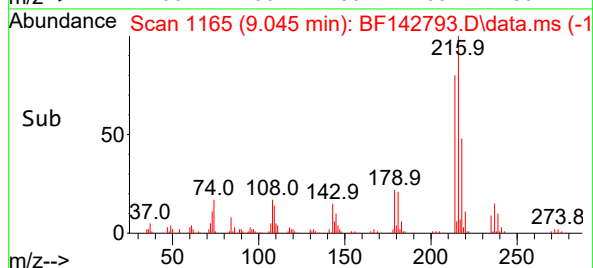
Ion Ratio Lower Upper

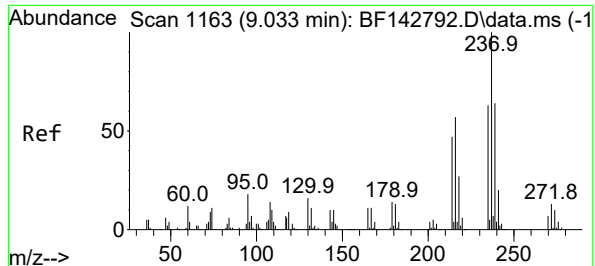
216 100

214 79.7 63.7 95.5

179 21.6 17.6 26.4

108 18.3 14.3 21.5

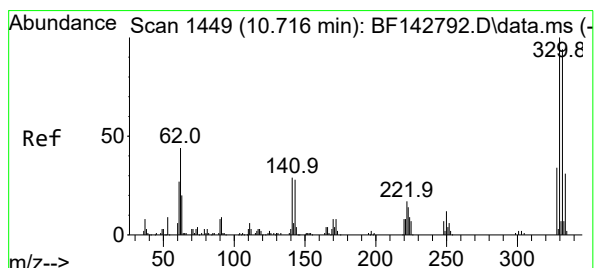
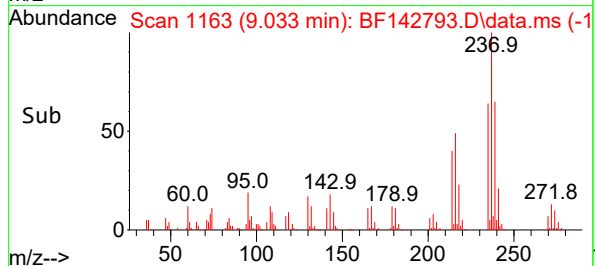
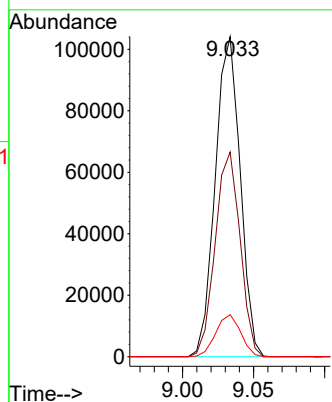
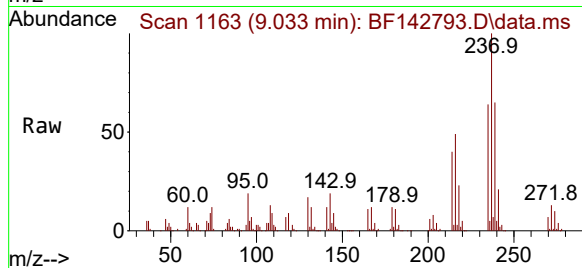




#41
Hexachlorocyclopentadiene
Concen: 50.012 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

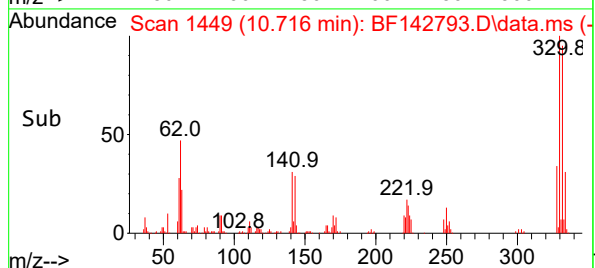
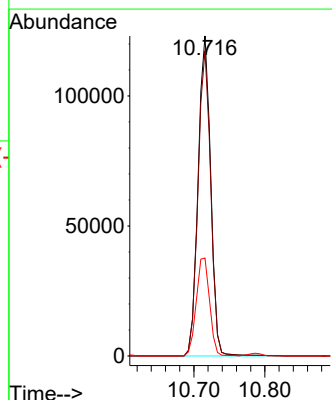
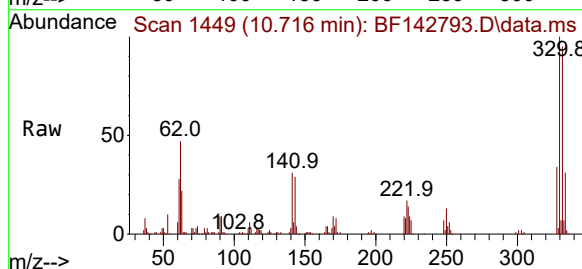
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

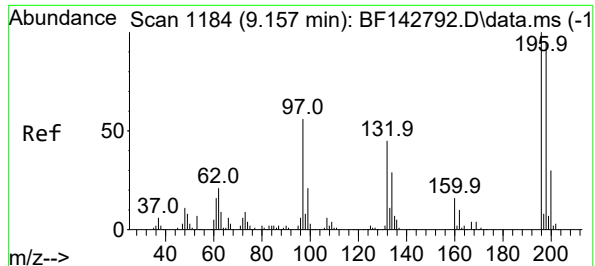
Tgt Ion:237 Resp: 127033
Ion Ratio Lower Upper
237 100
235 64.0 43.4 83.4
272 13.2 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 100.743 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:330 Resp: 152358
Ion Ratio Lower Upper
330 100
332 96.1 75.0 112.6
141 32.3 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 54.597 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

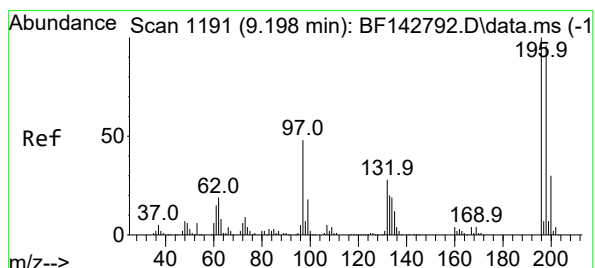
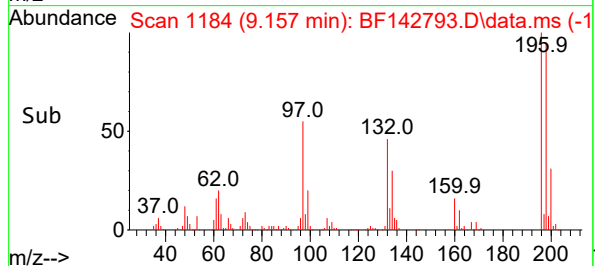
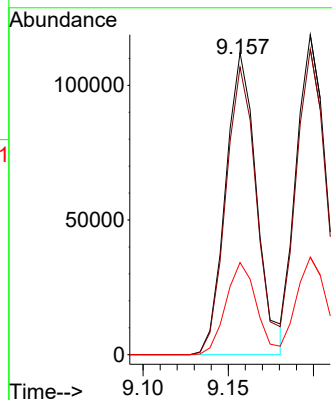
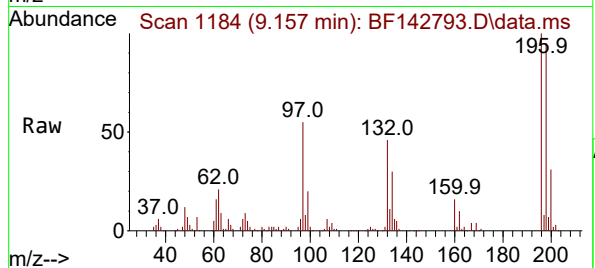
Tgt Ion:196 Resp: 141932

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

200 30.5 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 51.550 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Tgt Ion:196 Resp: 144717

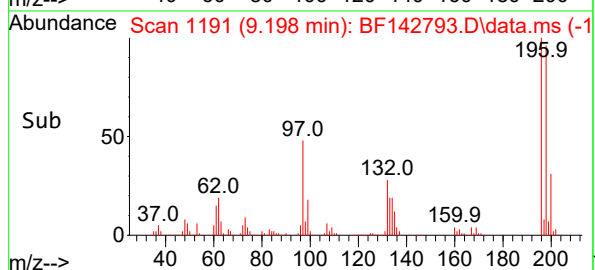
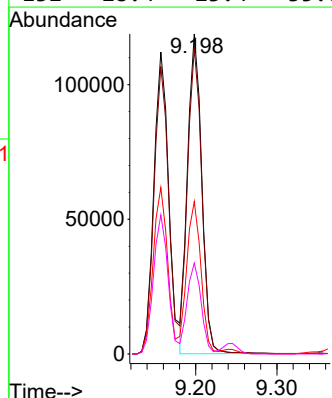
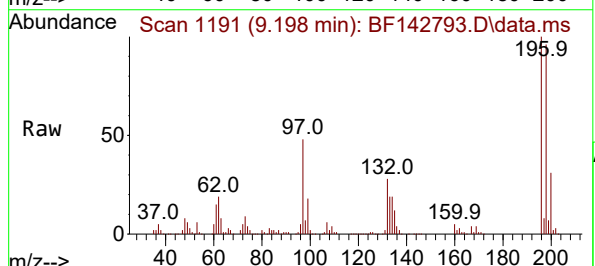
Ion Ratio Lower Upper

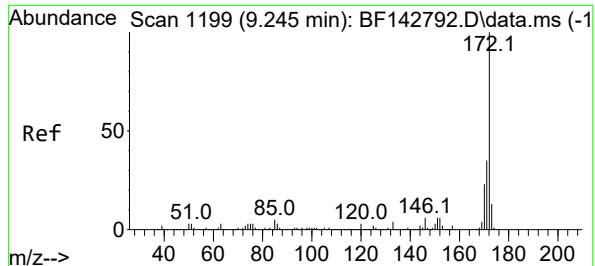
196 100

198 95.5 76.6 115.0

97 47.7 38.2 57.2

132 28.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 99.755 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

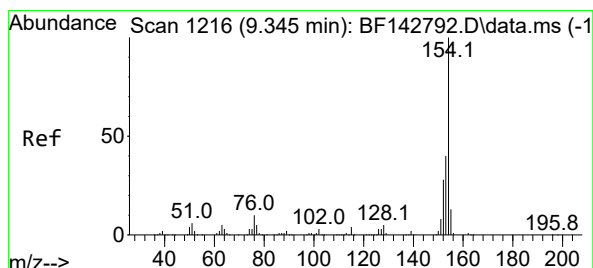
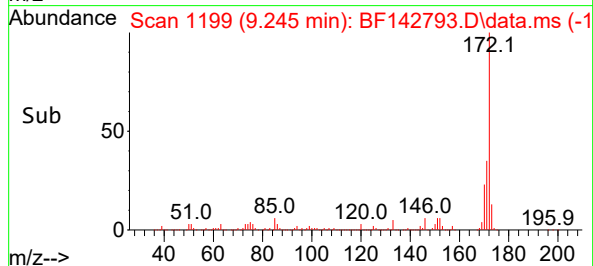
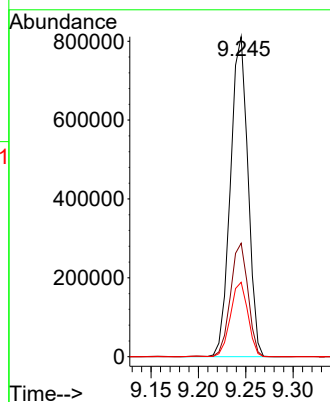
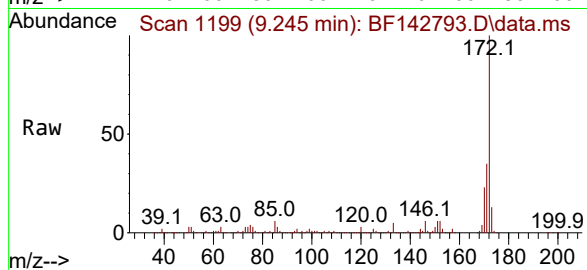
Tgt Ion:172 Resp: 1043477

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.3 18.5 27.7



#46

1,1'-Biphenyl

Concen: 51.807 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

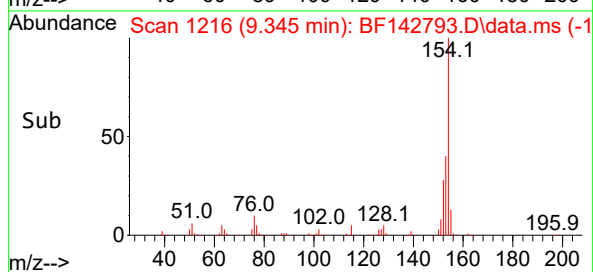
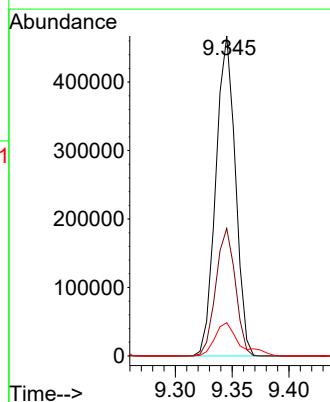
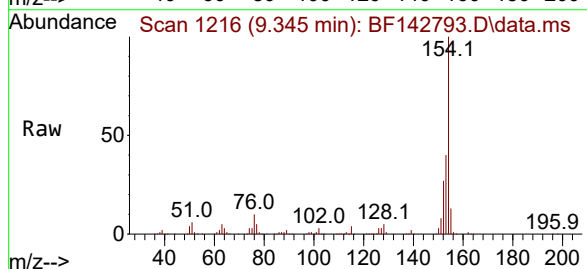
Tgt Ion:154 Resp: 559765

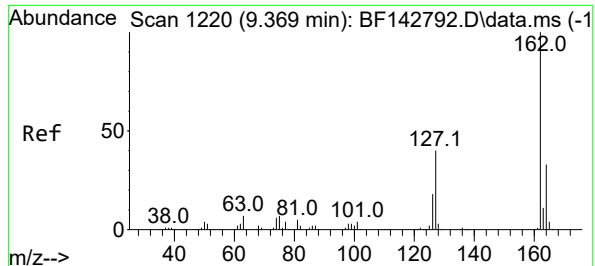
Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

76 10.4 0.0 30.3





#47

2-Chloronaphthalene

Concen: 52.754 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

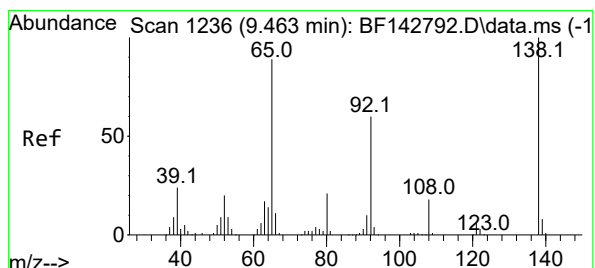
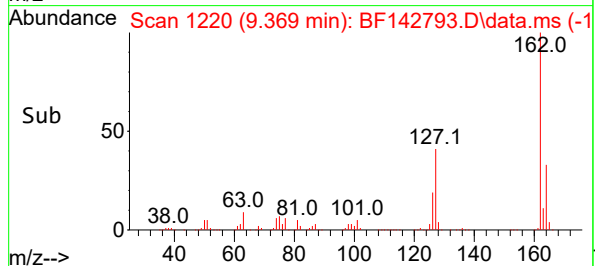
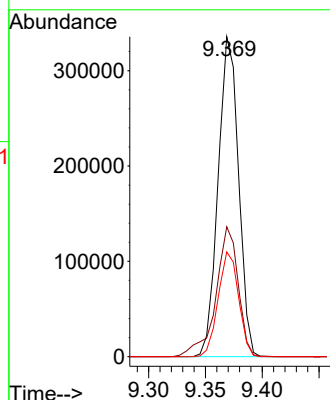
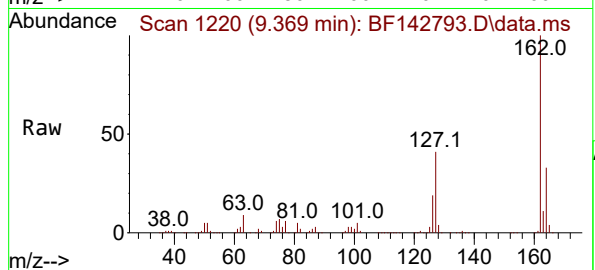
Tgt Ion:162 Resp: 420603

Ion Ratio Lower Upper

162 100

127 40.6 32.2 48.2

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 54.955 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

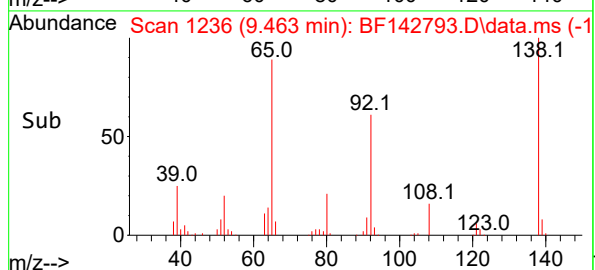
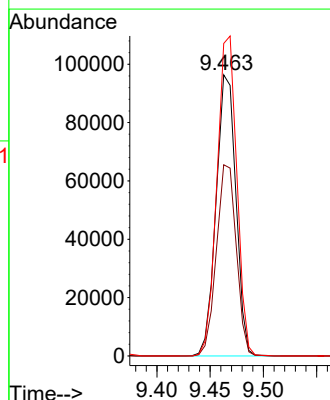
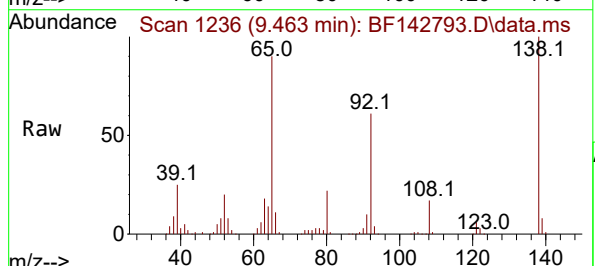
Tgt Ion: 65 Resp: 124478

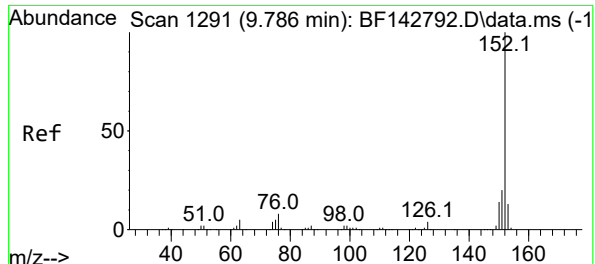
Ion Ratio Lower Upper

65 100

92 68.0 53.8 80.6

138 111.1 89.6 134.4





#49

Acenaphthylene

Concen: 51.783 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

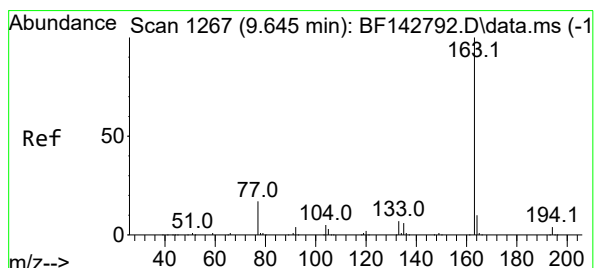
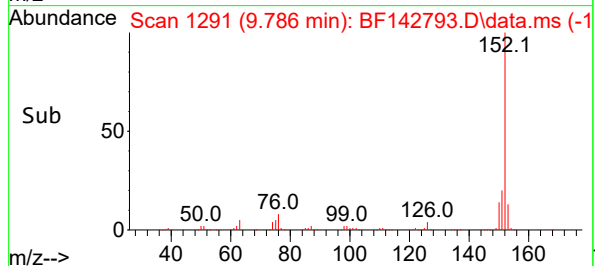
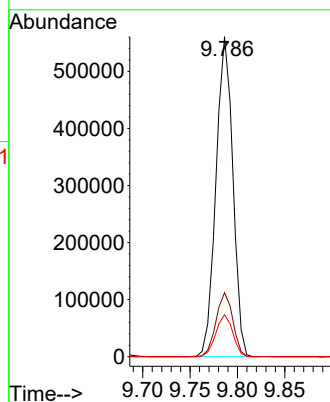
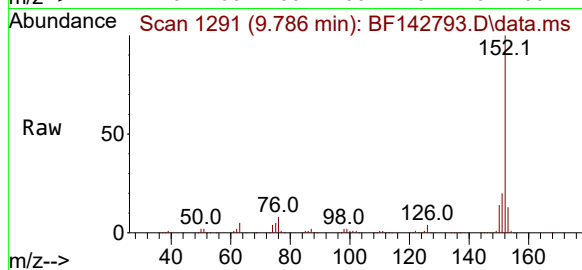
Tgt Ion:152 Resp: 694098

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 50.308 ng

RT: 9.645 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

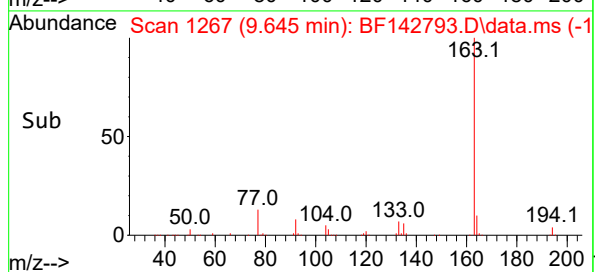
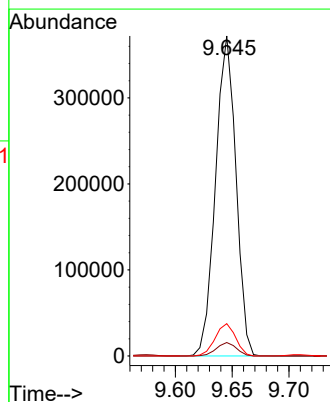
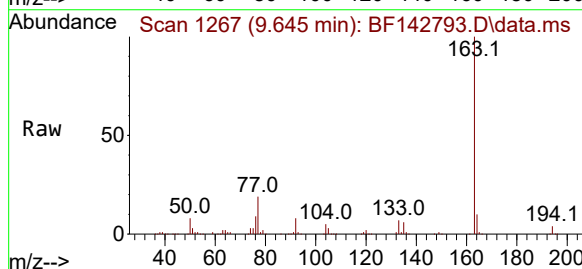
Tgt Ion:163 Resp: 464372

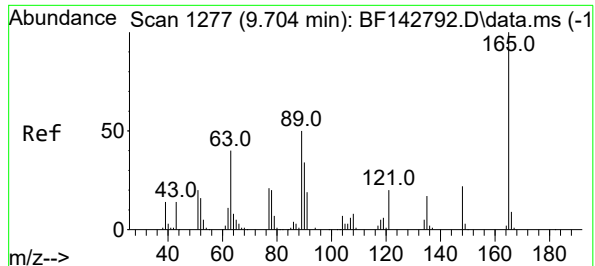
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 8.0 12.0

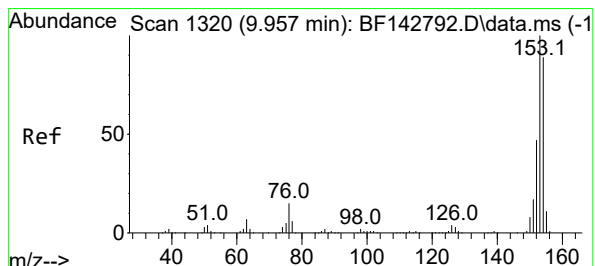
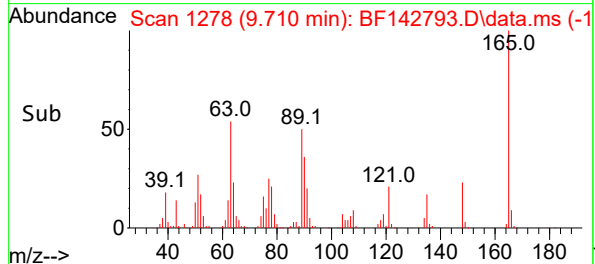
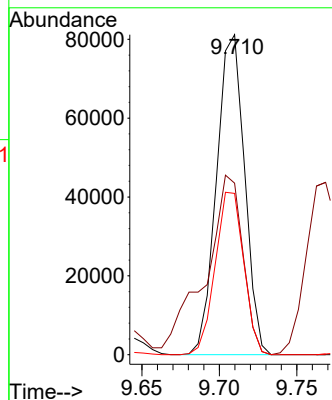
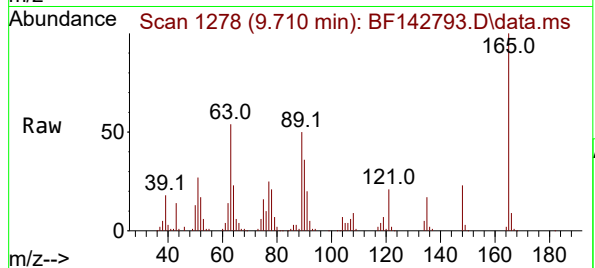




#51
2,6-Dinitrotoluene
Concen: 51.156 ng
RT: 9.710 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

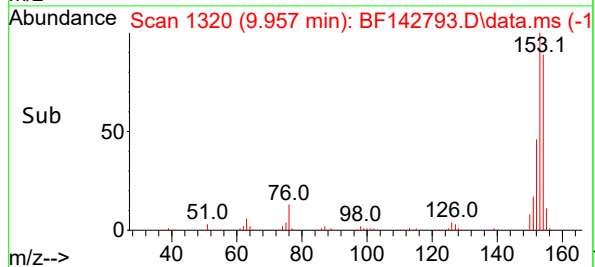
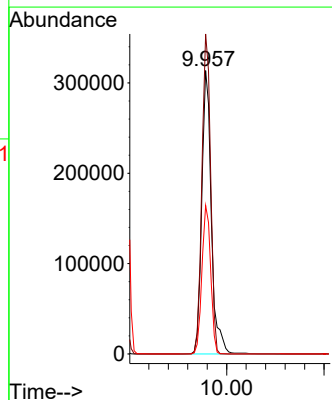
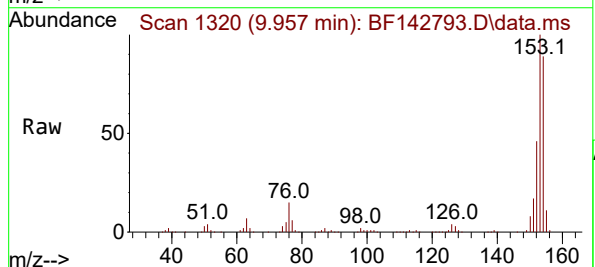
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

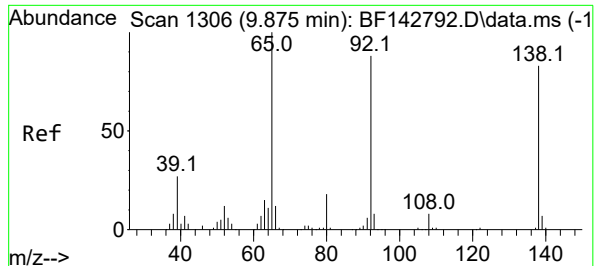
Tgt Ion:165 Resp: 102361
Ion Ratio Lower Upper
165 100
63 53.6 44.2 66.4
89 50.4 39.8 59.8



#52
Acenaphthene
Concen: 51.498 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:154 Resp: 427135
Ion Ratio Lower Upper
154 100
153 112.9 90.0 135.0
152 52.4 41.9 62.9





#53

3-Nitroaniline

Concen: 54.038 ng

RT: 9.874 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

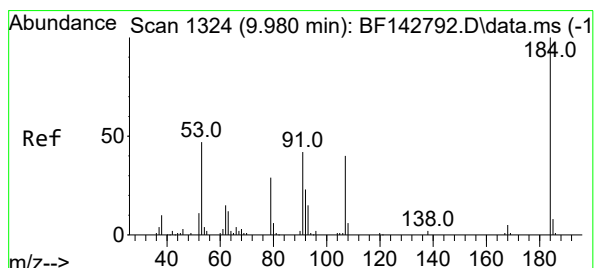
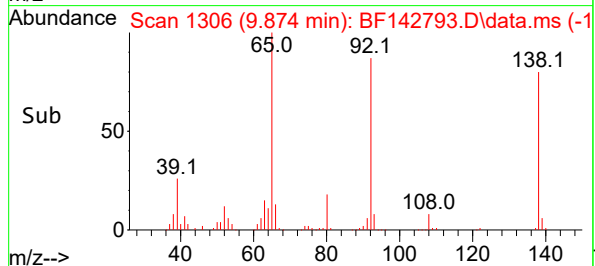
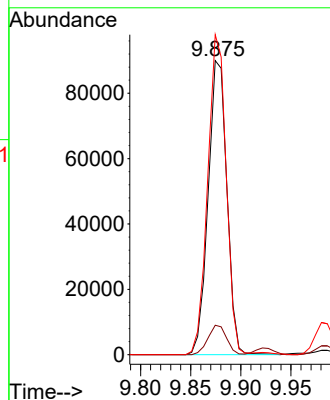
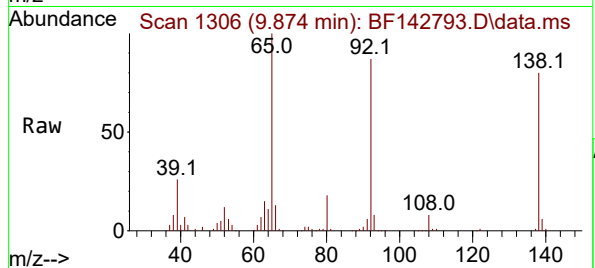
Tgt Ion:138 Resp: 117448

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

92 108.8 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 55.696 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

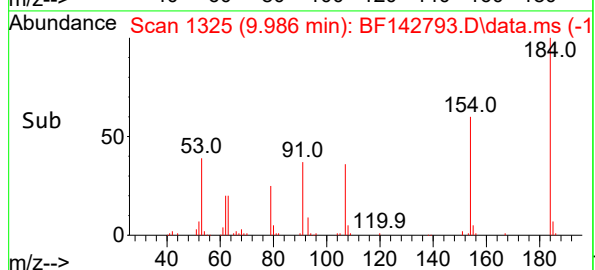
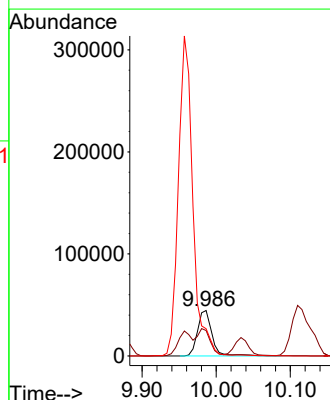
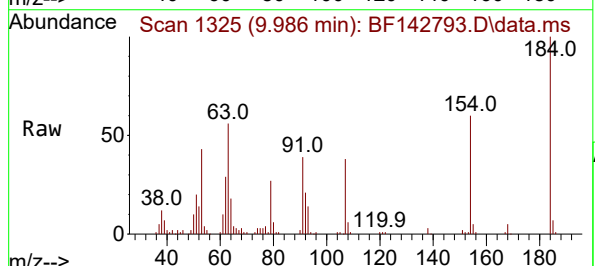
Tgt Ion:184 Resp: 60308

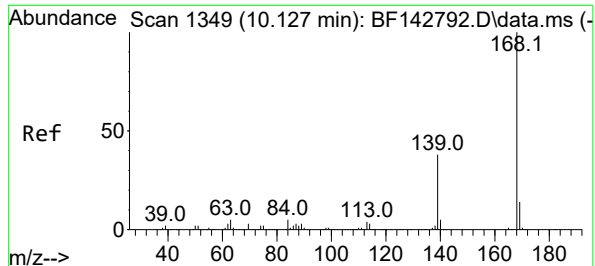
Ion Ratio Lower Upper

184 100

63 56.0 50.6 75.8

154 59.9 51.8 77.8

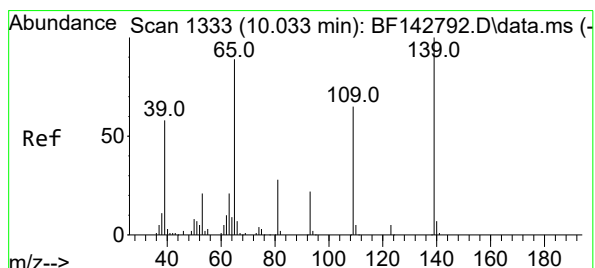
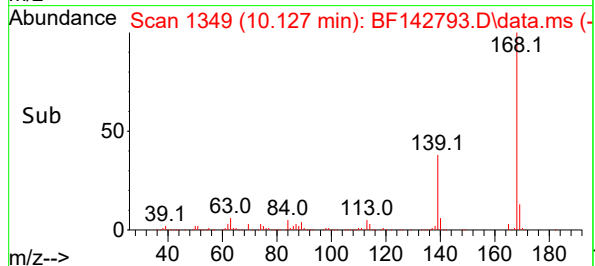
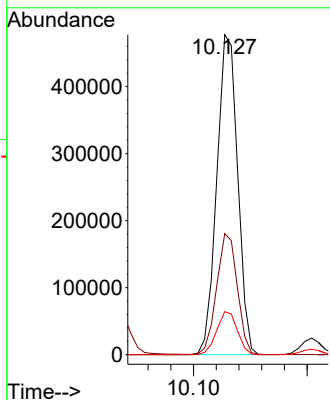
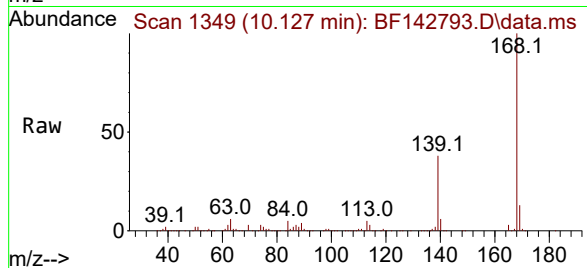




#55
Dibenzofuran
Concen: 51.506 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

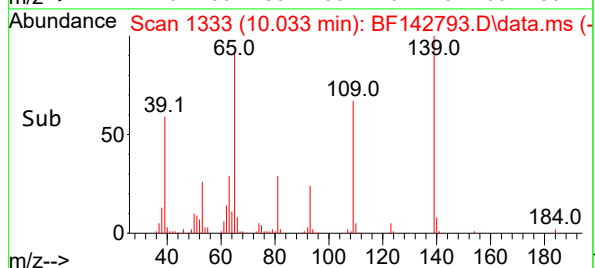
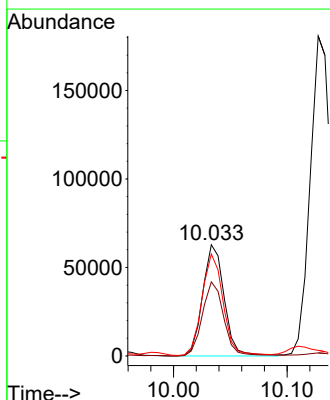
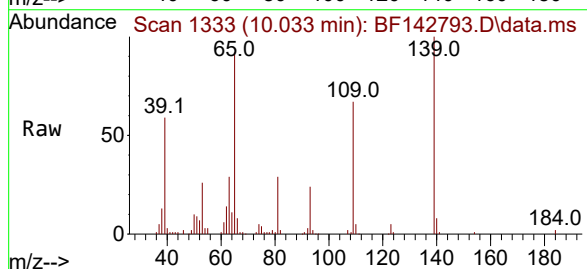
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

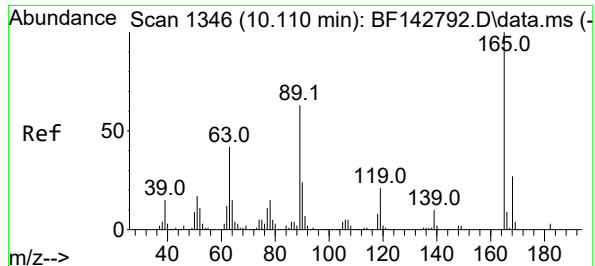
Tgt Ion:168 Resp: 609507
Ion Ratio Lower Upper
168 100
139 37.9 30.2 45.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 56.047 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:139 Resp: 82688
Ion Ratio Lower Upper
139 100
109 66.5 44.7 84.7
65 91.6 69.8 109.8

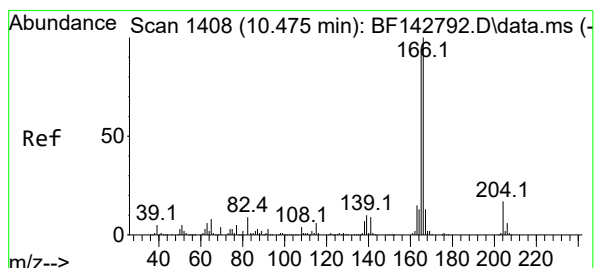
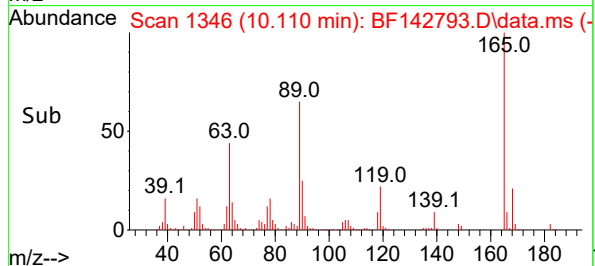
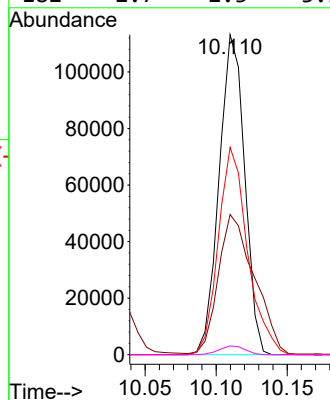
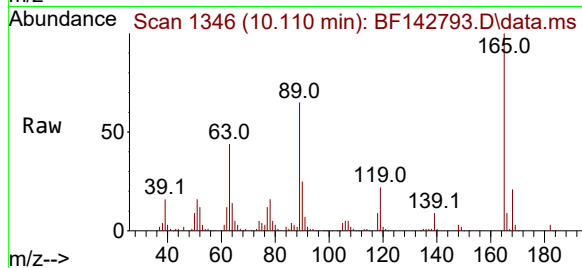




#57
2,4-Dinitrotoluene
Concen: 53.554 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

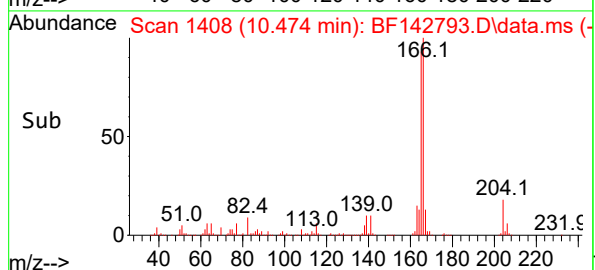
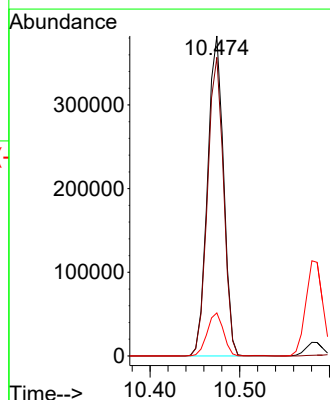
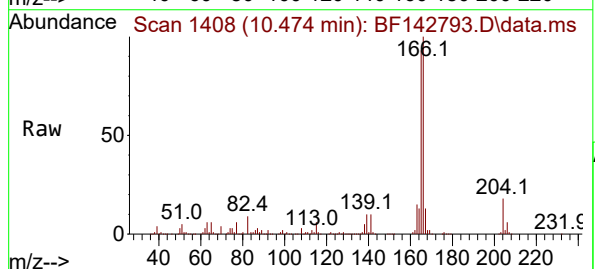
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

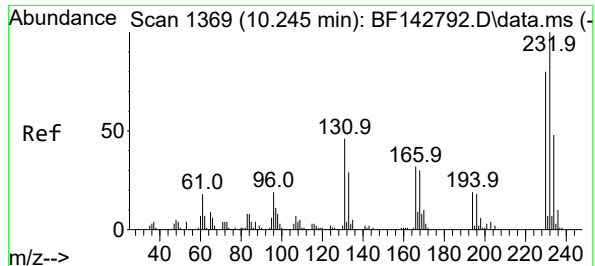
Tgt Ion:165 Resp: 141691
Ion Ratio Lower Upper
165 100
63 43.8 33.9 50.9
89 64.8 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 50.747 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:166 Resp: 473968
Ion Ratio Lower Upper
166 100
165 93.3 75.2 112.8
167 13.5 10.6 15.8

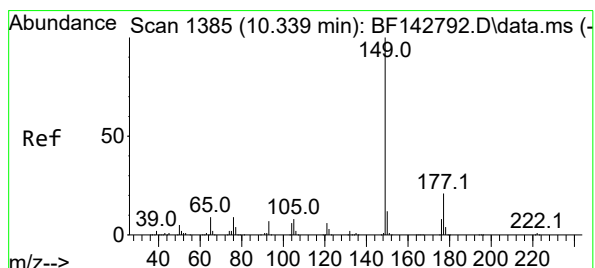
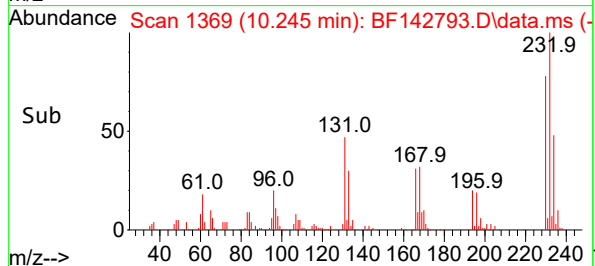
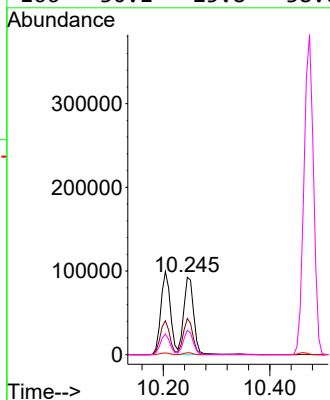
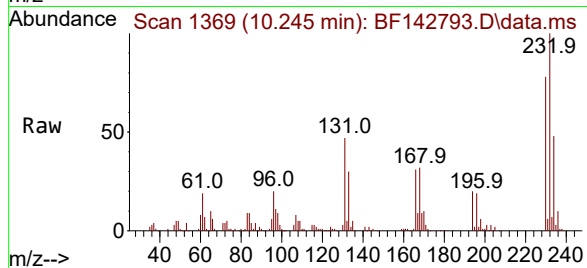




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.988 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

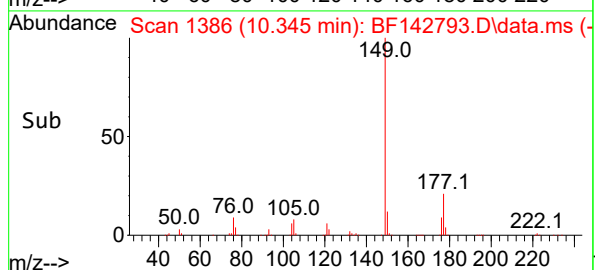
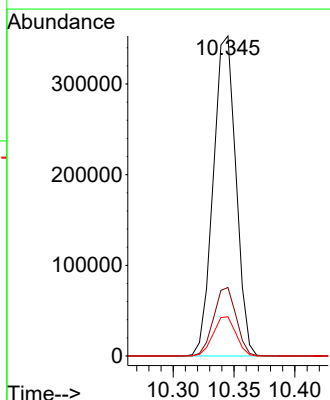
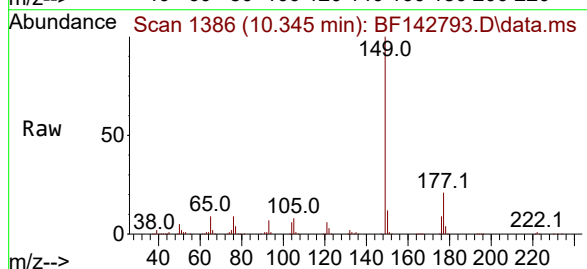
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

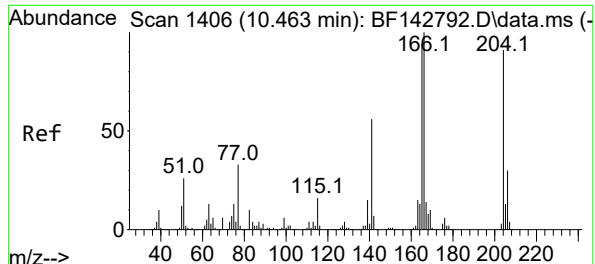
Tgt Ion:232 Resp: 120008
Ion Ratio Lower Upper
232 100
131 44.8 37.6 56.4
130 2.3 1.7 2.5
166 30.1 25.8 38.6



#60
Diethylphthalate
Concen: 50.010 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:149 Resp: 458546
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.3 9.8 14.6

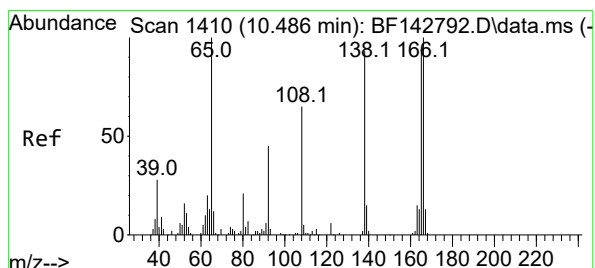
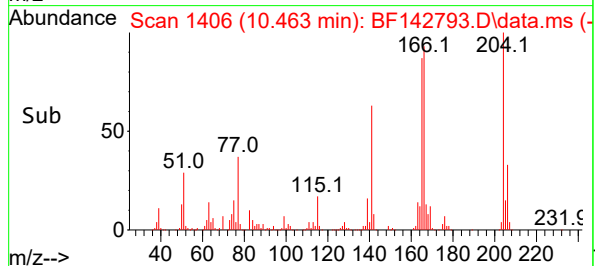
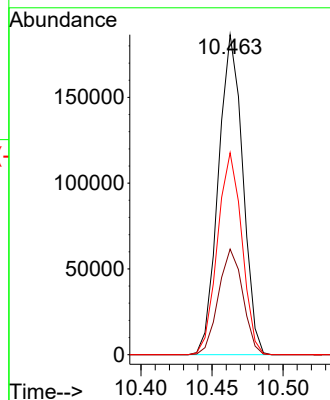
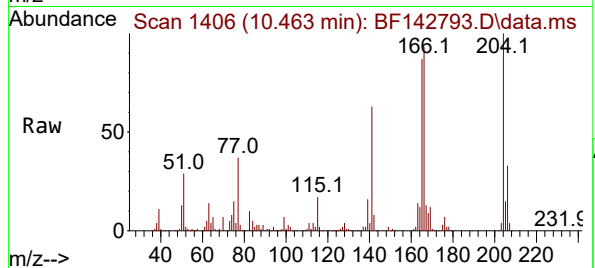




#61
4-Chlorophenyl-phenylether
Concen: 49.076 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

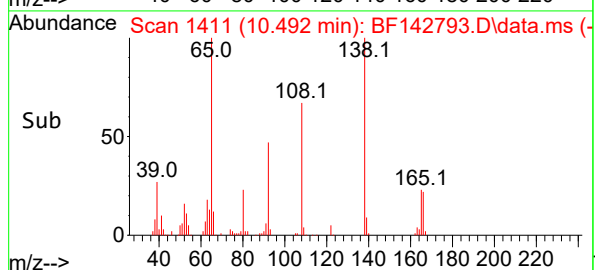
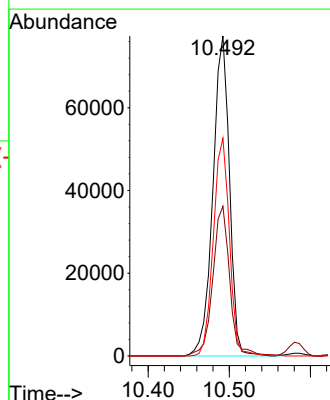
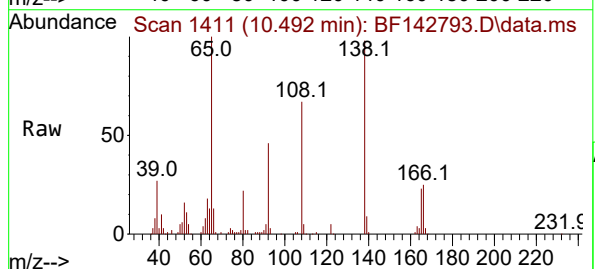
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

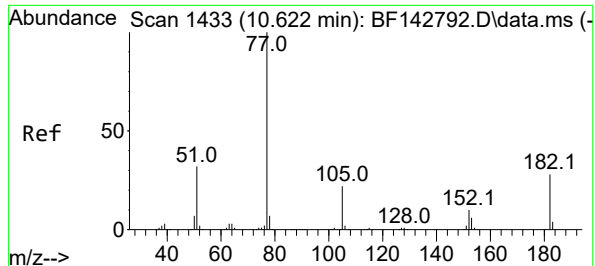
Tgt Ion:204 Resp: 222613
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 63.1 49.1 73.7



#62
4-Nitroaniline
Concen: 56.363 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:138 Resp: 109973
Ion Ratio Lower Upper
138 100
92 46.8 28.4 68.4
108 68.1 50.2 90.2

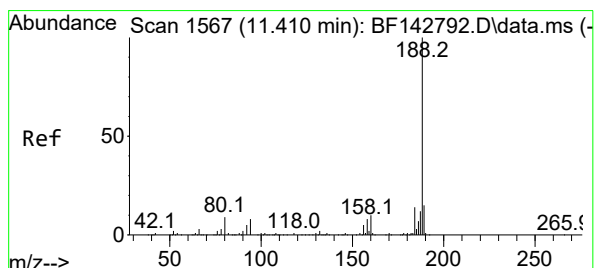
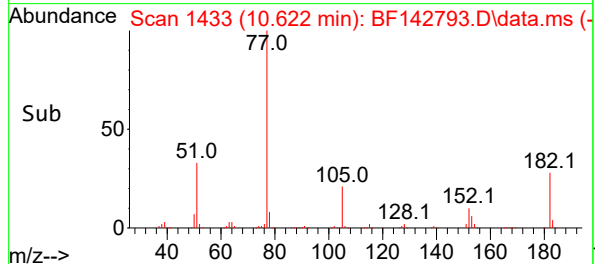
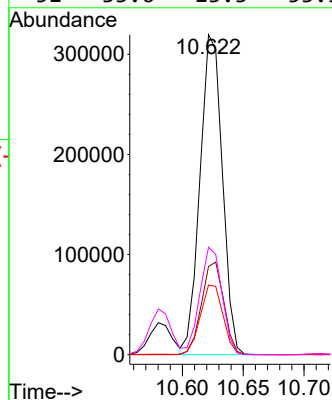
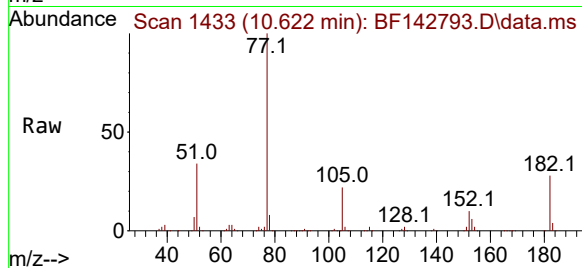




#63
Azobenzene
Concen: 51.063 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

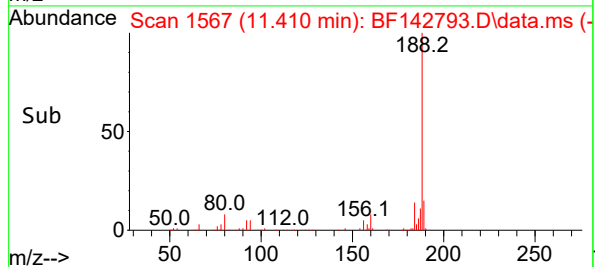
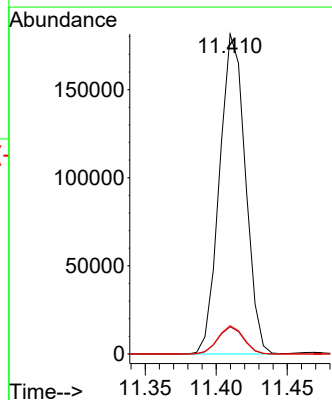
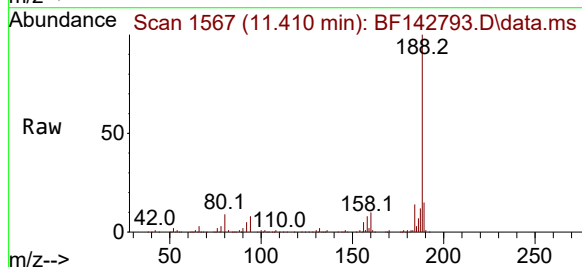
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

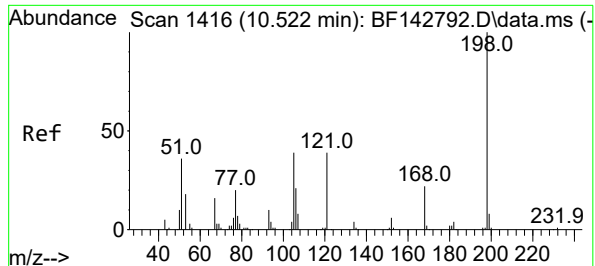
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.7	47.7
105	21.8	1.9	41.9
51	33.6	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	8.9	6.9	10.3

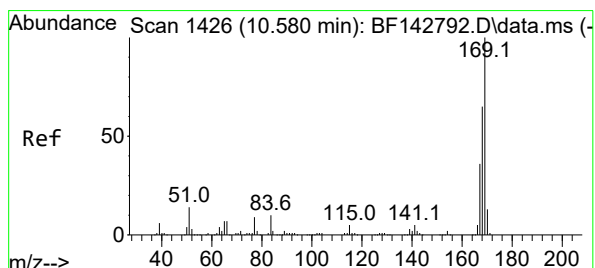
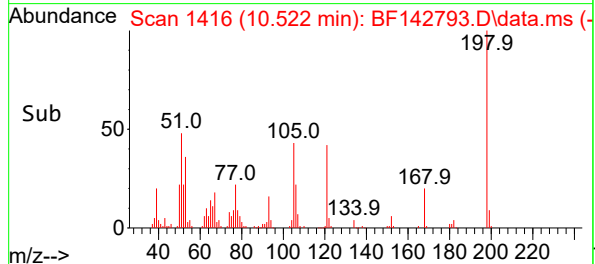
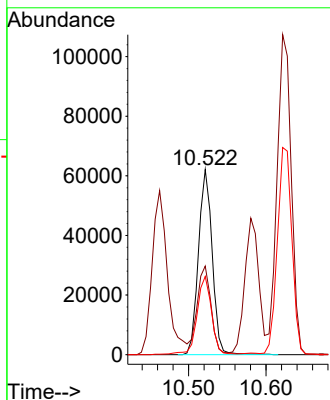
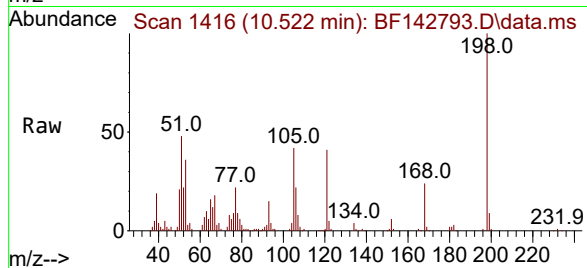




#65
4,6-Dinitro-2-methylphenol
Concen: 53.713 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

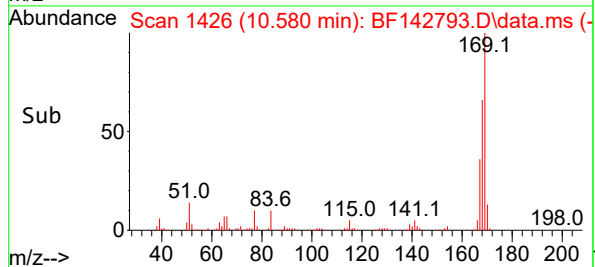
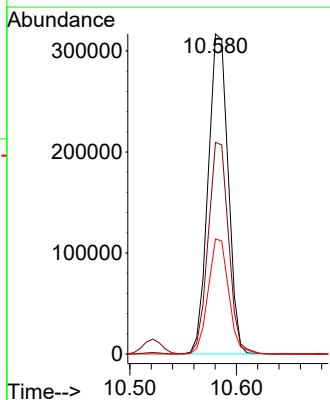
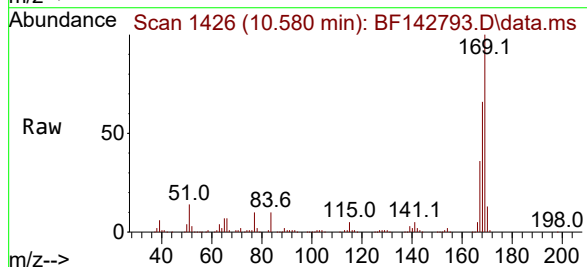
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

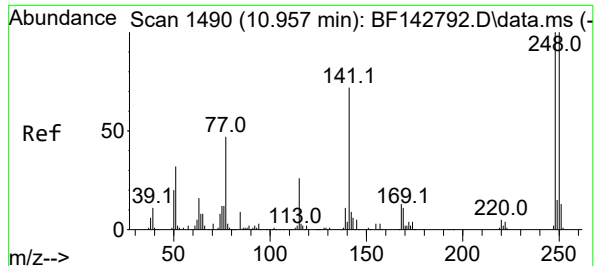
Tgt Ion:198 Resp: 76696
Ion Ratio Lower Upper
198 100
51 47.9 25.4 65.4
105 42.3 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 52.171 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:169 Resp: 411917
Ion Ratio Lower Upper
169 100
168 66.1 51.9 77.9
167 35.9 28.5 42.7

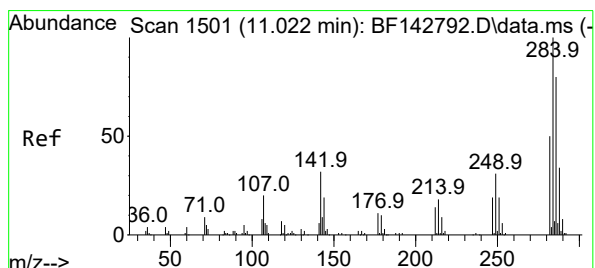
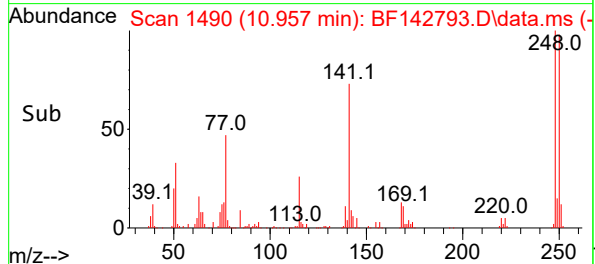
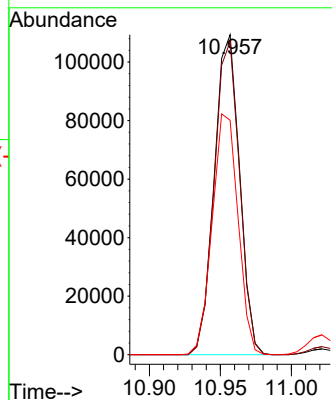
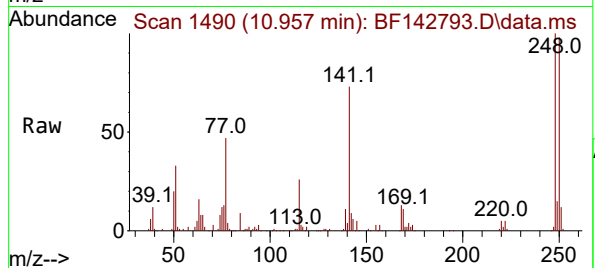




#67
4-Bromophenyl-phenylether
Concen: 50.425 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

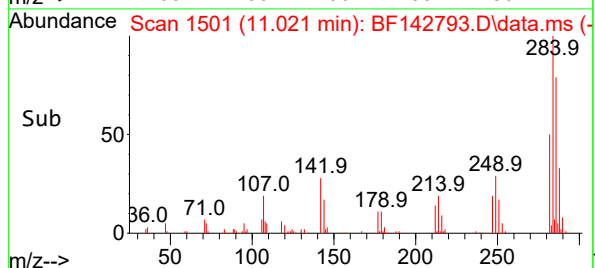
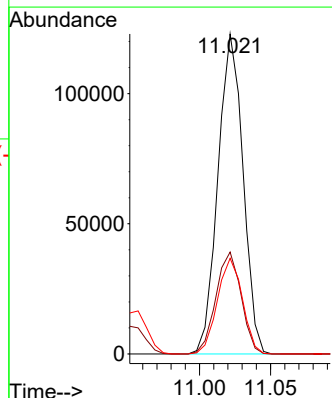
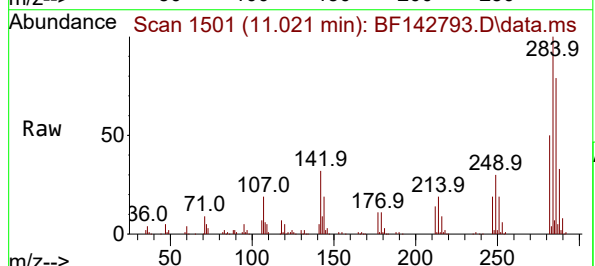
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

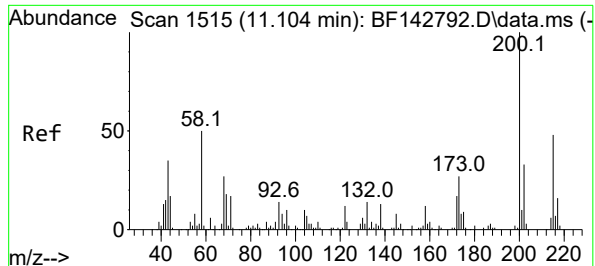
Tgt Ion:248 Resp: 135699
Ion Ratio Lower Upper
248 100
250 97.8 79.8 119.8
141 73.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 50.432 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:284 Resp: 150669
Ion Ratio Lower Upper
284 100
142 31.9 25.5 38.3
249 29.9 24.9 37.3

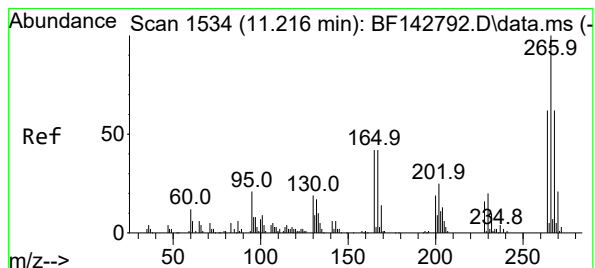
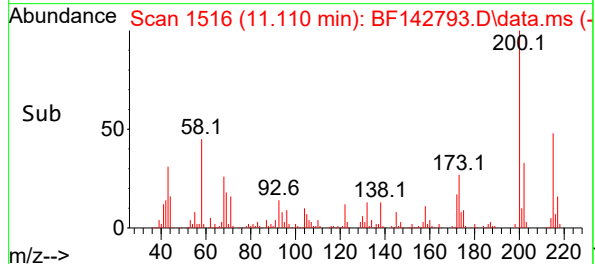
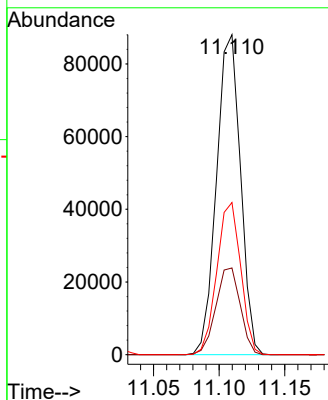
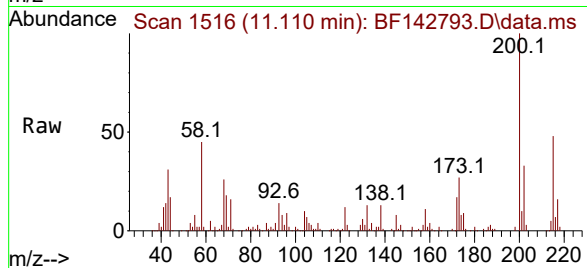




#69
Atrazine
Concen: 53.385 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

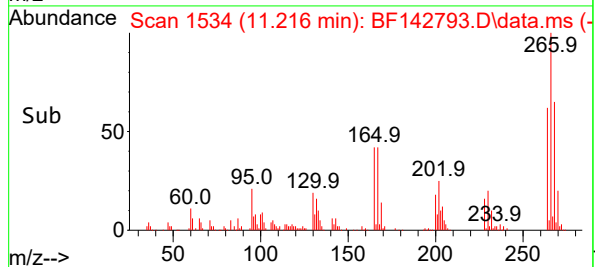
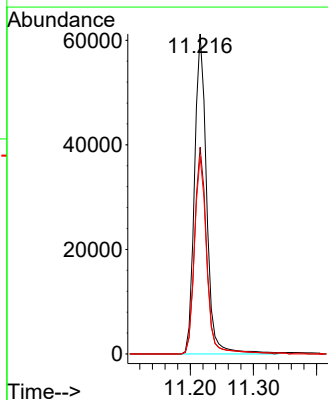
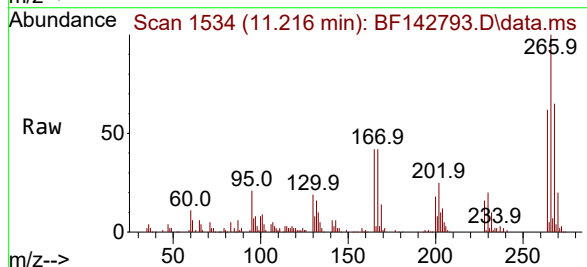
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

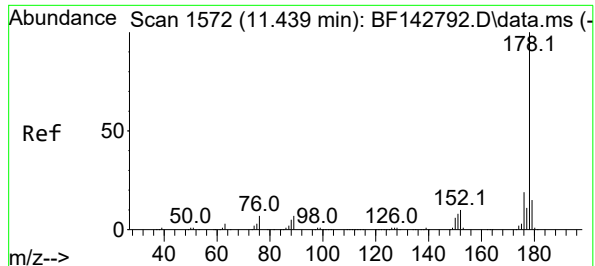
Tgt Ion:200 Resp: 111915
Ion Ratio Lower Upper
200 100
173 27.1 7.4 47.4
215 47.5 28.4 68.4



#70
Pentachlorophenol
Concen: 52.574 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:266 Resp: 81577
Ion Ratio Lower Upper
266 100
268 64.6 49.8 74.8
264 61.7 49.9 74.9

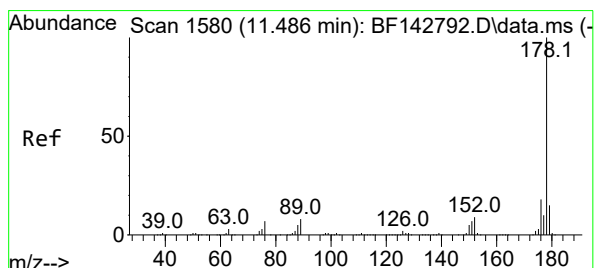
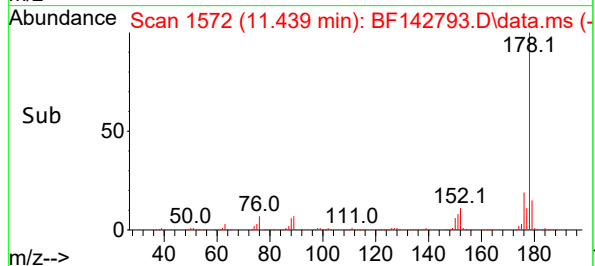
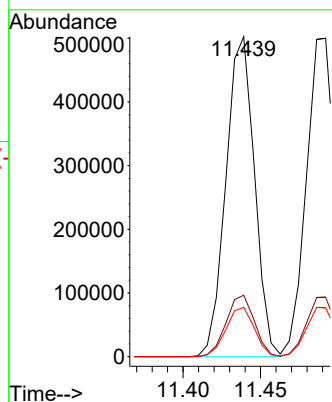
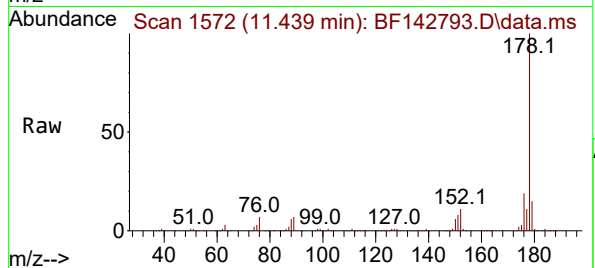




#71
Phenanthrene
Concen: 52.403 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

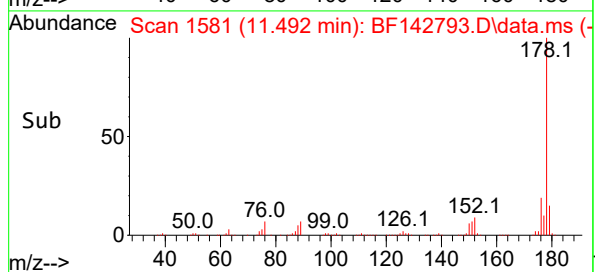
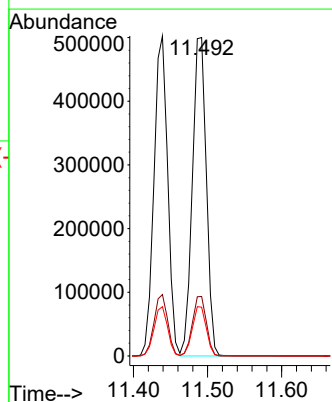
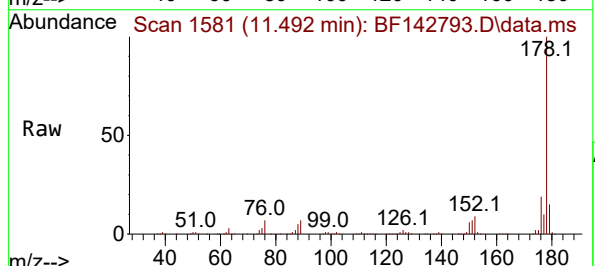
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

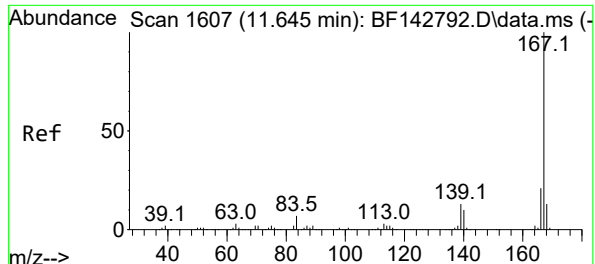
Tgt Ion:178 Resp: 644668
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 51.433 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

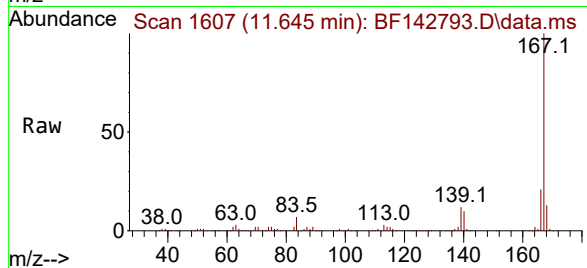
Tgt Ion:178 Resp: 654942
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.4 12.4 18.6



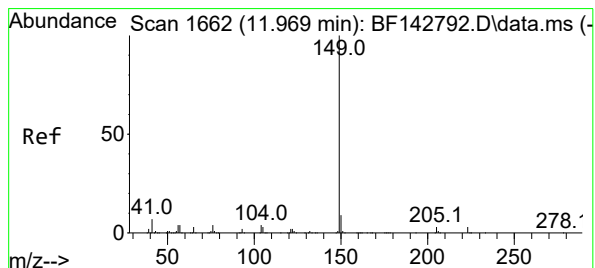
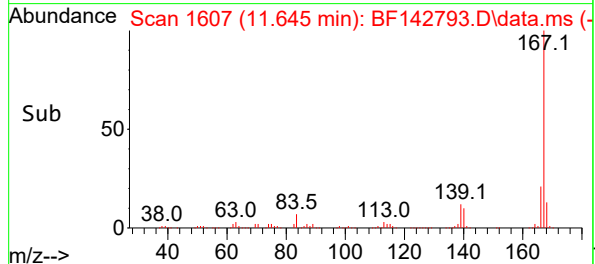
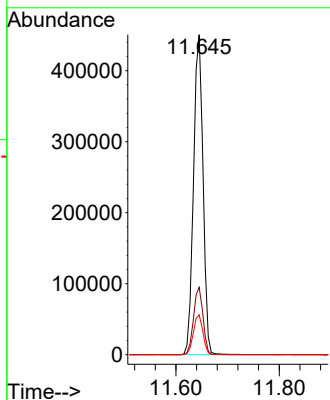


#73
Carbazole
Concen: 53.996 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

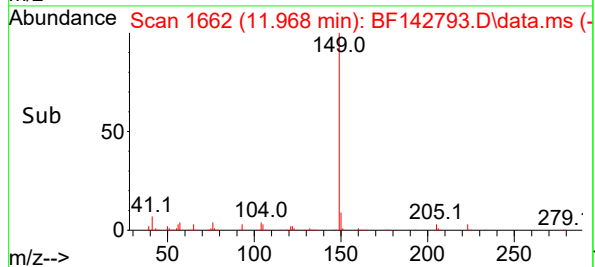
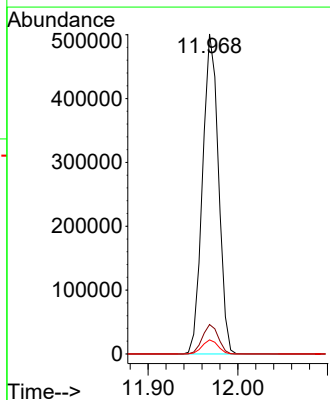
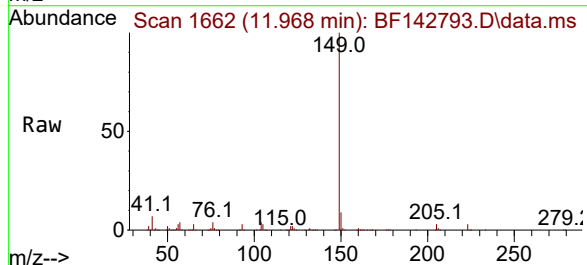


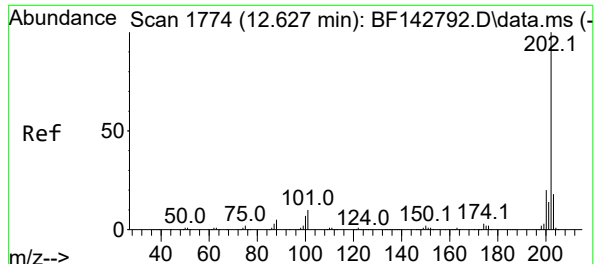
Tgt Ion:167 Resp: 575784
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.4
139 12.5 10.2 15.2



#74
Di-n-butylphthalate
Concen: 52.211 ng
RT: 11.968 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:149 Resp: 616452
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.4 3.5 5.3

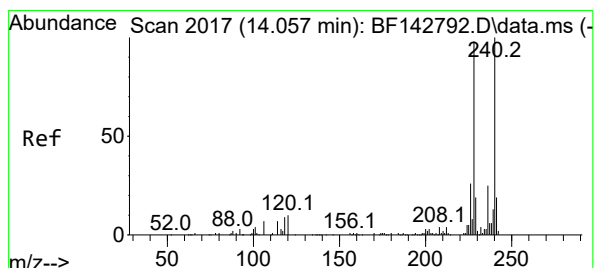
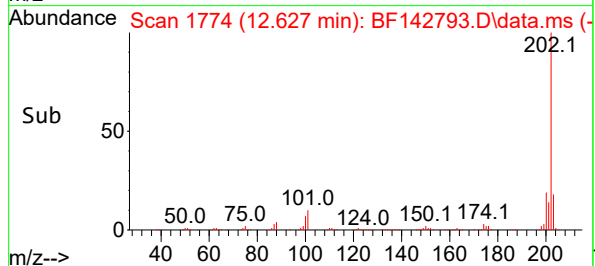
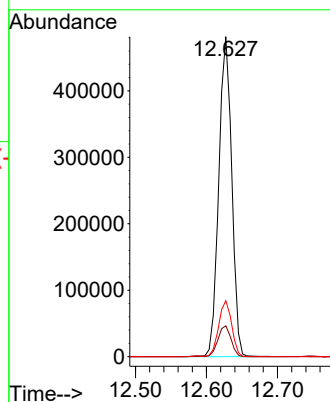
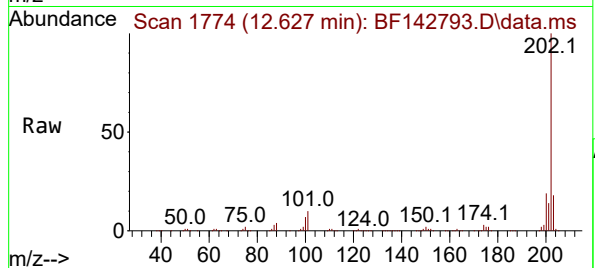




#75
Fluoranthene
Concen: 52.032 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

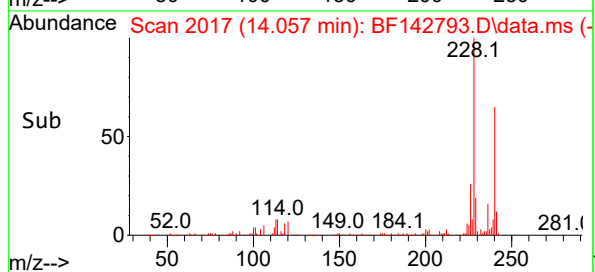
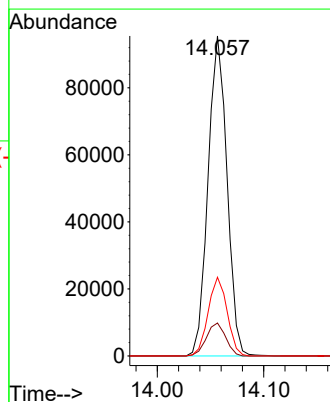
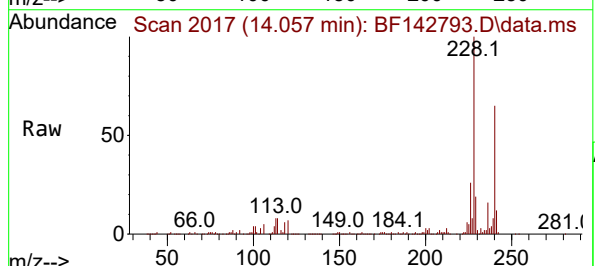
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

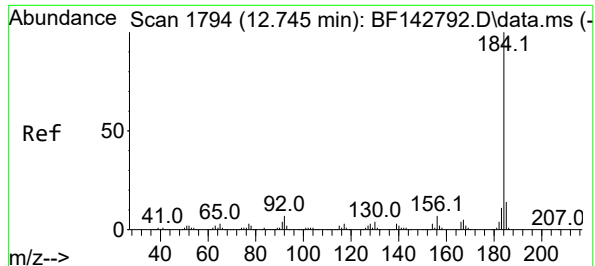
Tgt Ion:202 Resp: 608190
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:240 Resp: 117825
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 24.6 19.8 29.8





#77

Benzidine

Concen: 58.208 ng

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

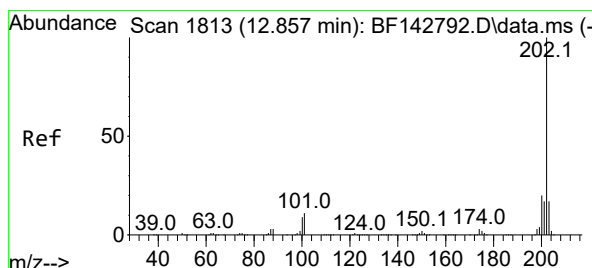
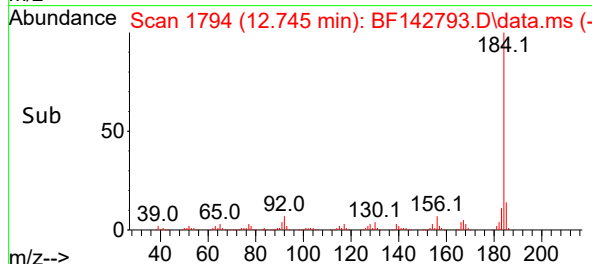
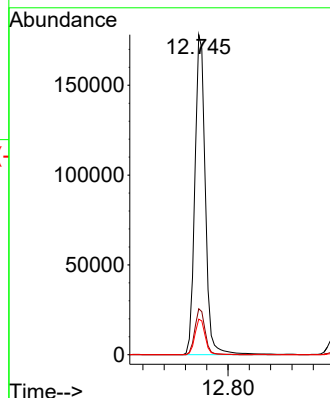
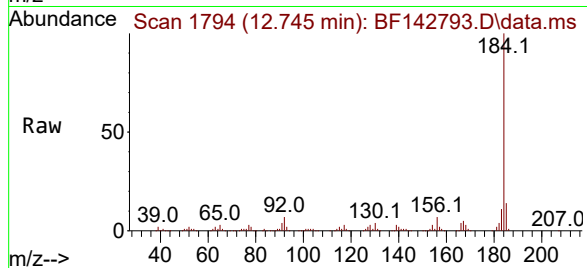
Tgt Ion:184 Resp: 242794

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 55.205 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

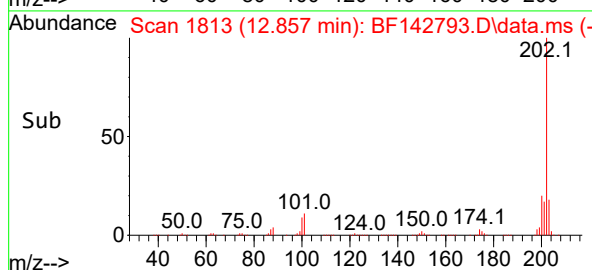
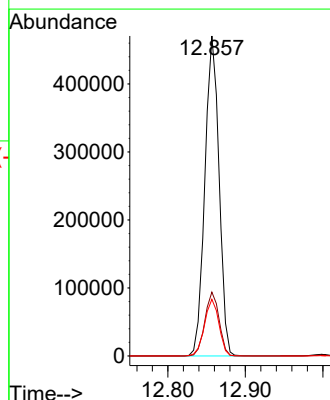
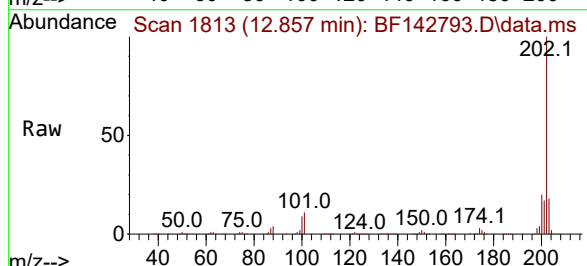
Tgt Ion:202 Resp: 597913

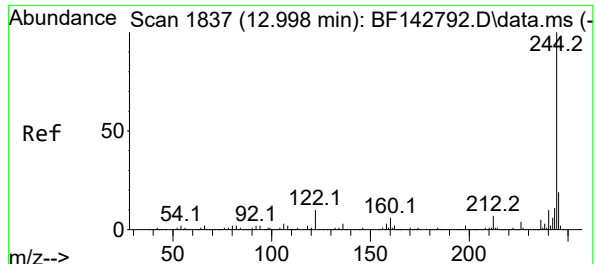
Ion Ratio Lower Upper

202 100

200 20.0 15.7 23.5

203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 106.820 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

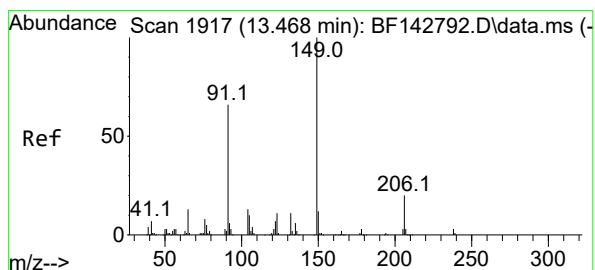
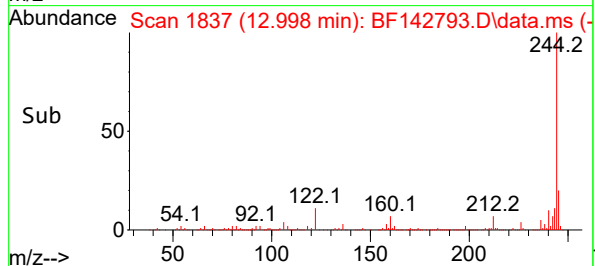
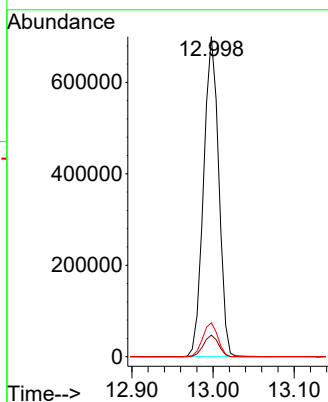
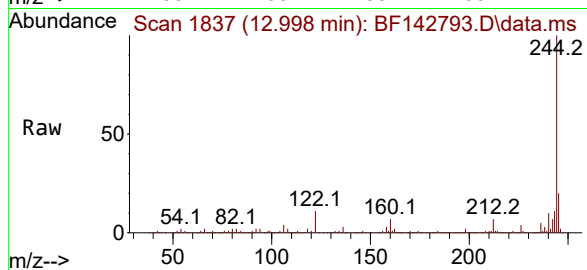
Tgt Ion:244 Resp: 904305

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.6 8.2 12.2



#80

Butylbenzylphthalate

Concen: 56.257 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

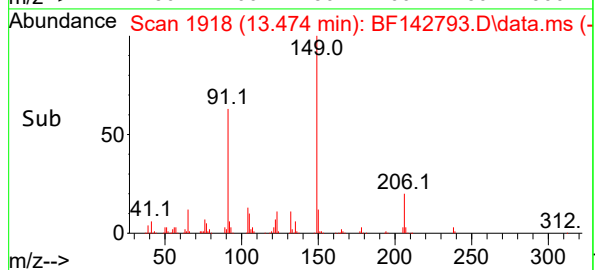
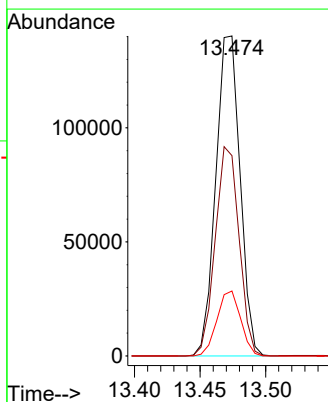
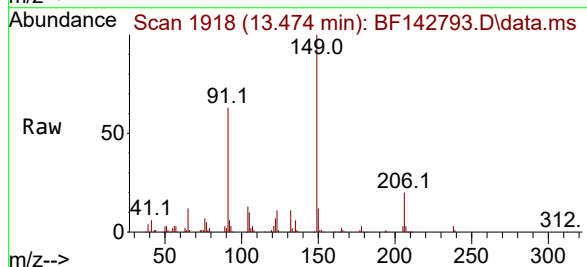
Tgt Ion:149 Resp: 180565

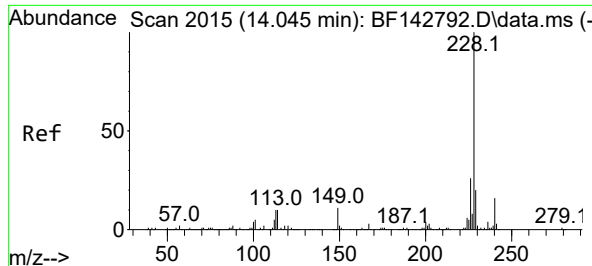
Ion Ratio Lower Upper

149 100

91 62.6 52.9 79.3

206 20.3 16.3 24.5

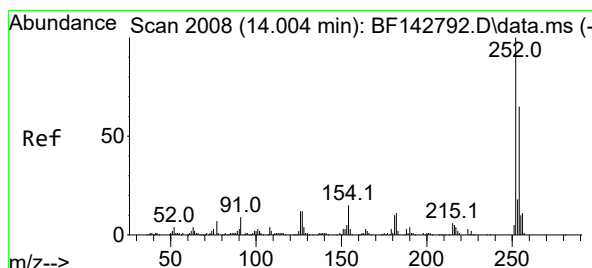
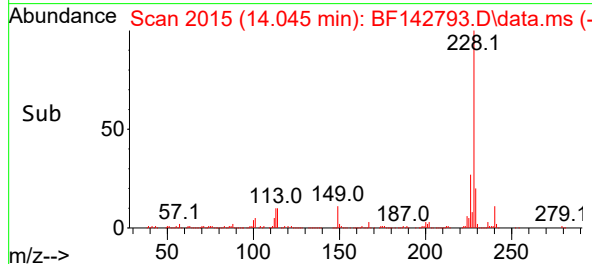
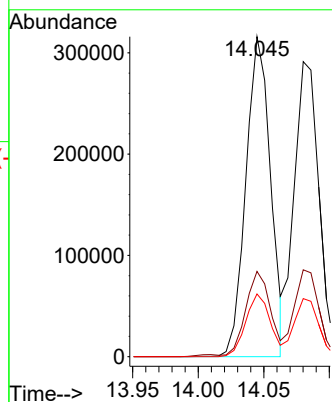
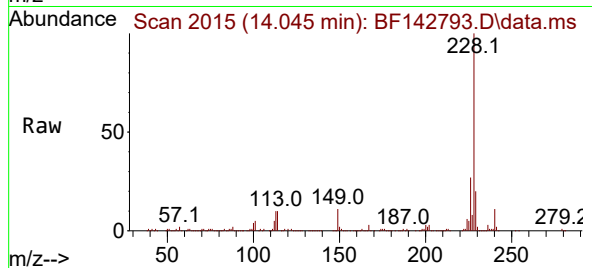




#81
Benzo(a)anthracene
Concen: 53.431 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

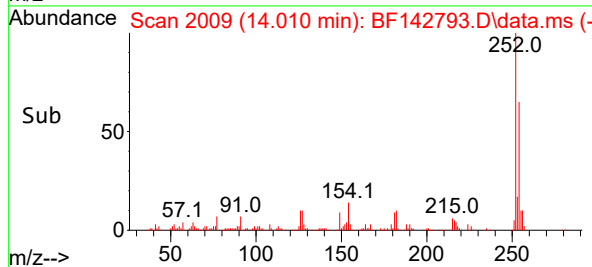
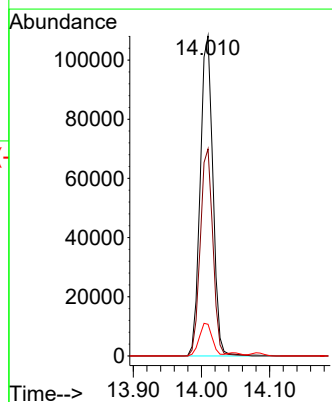
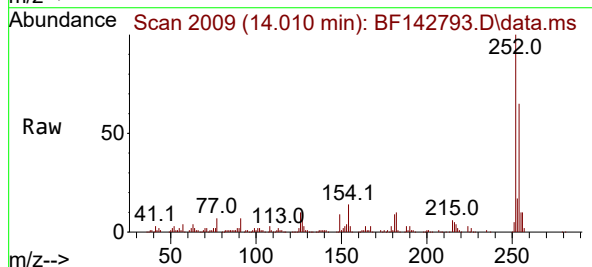
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

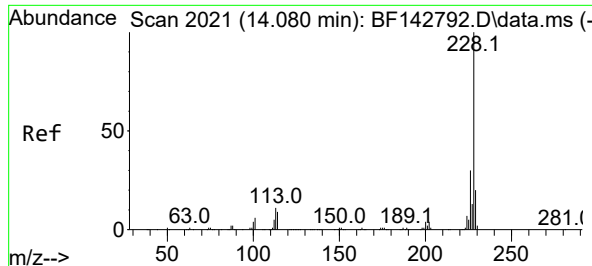
Tgt Ion:228 Resp: 413349
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 55.949 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:252 Resp: 140152
Ion Ratio Lower Upper
252 100
254 64.7 51.7 77.5
126 9.9 9.4 14.2





#83

Chrysene

Concen: 52.950 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

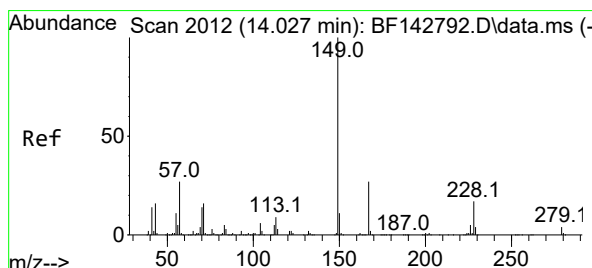
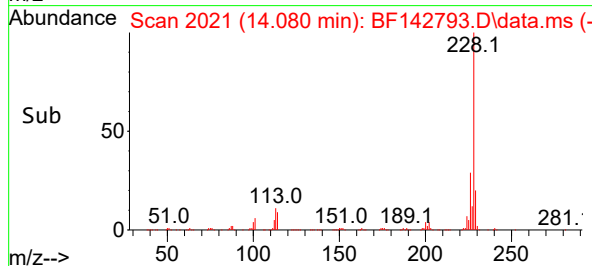
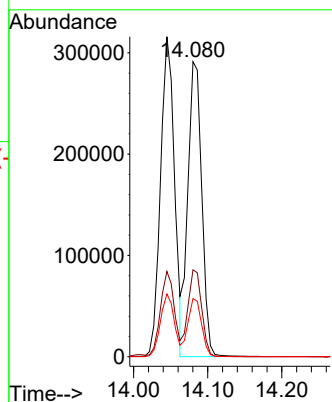
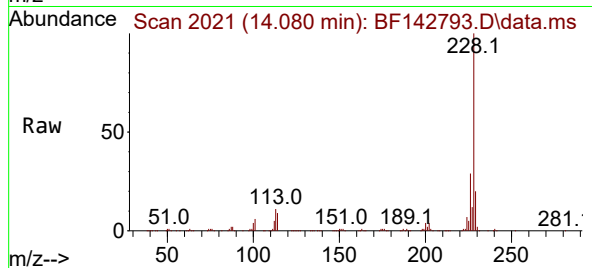
Tgt Ion:228 Resp: 381352

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.016 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

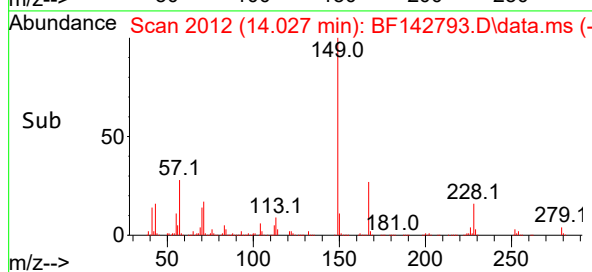
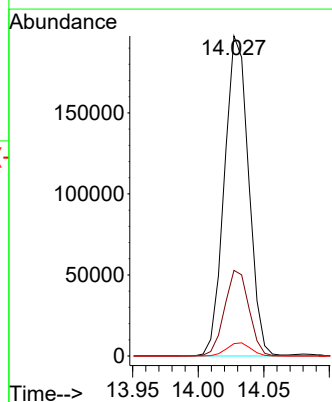
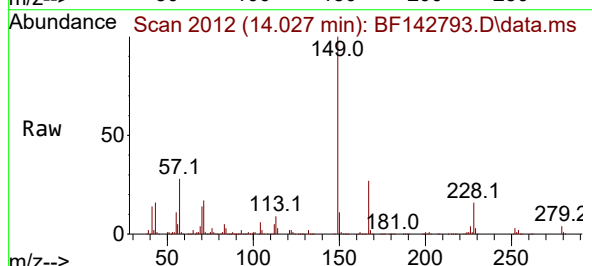
Tgt Ion:149 Resp: 253542

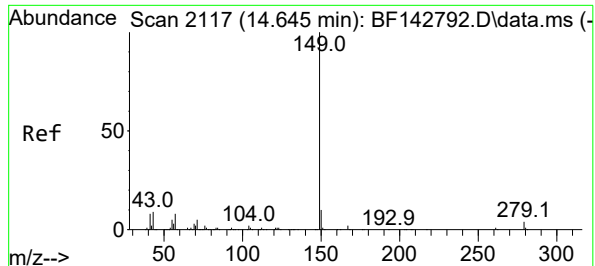
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.8 3.0 4.6

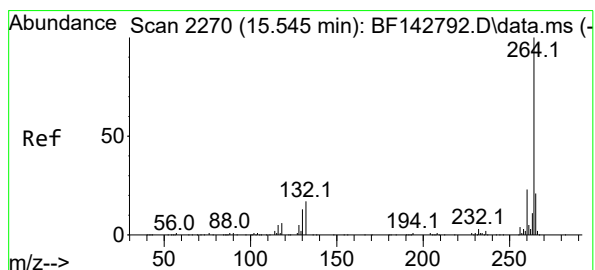
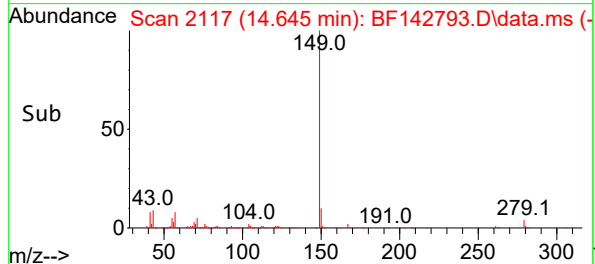
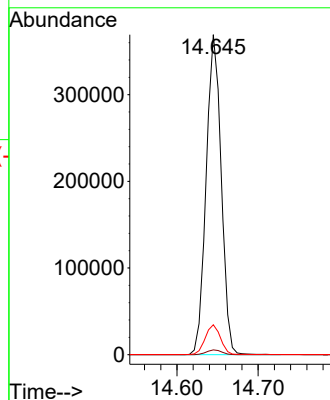
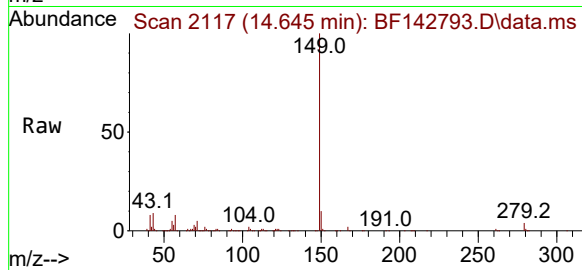




#85
Di-n-octyl phthalate
Concen: 52.029 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

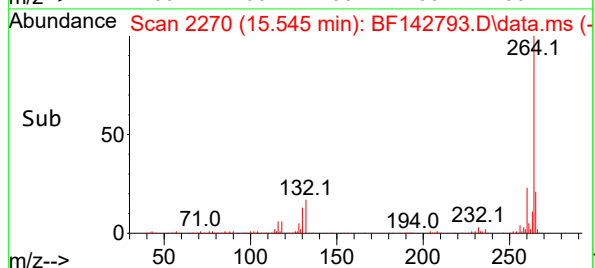
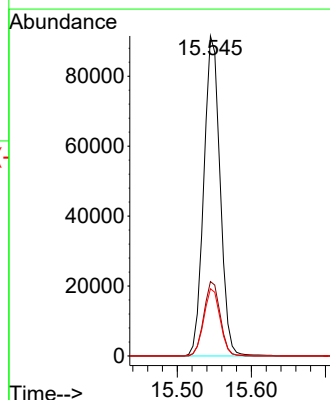
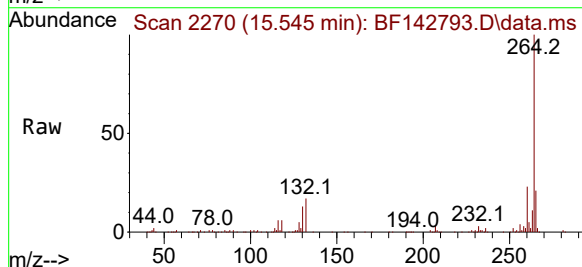
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

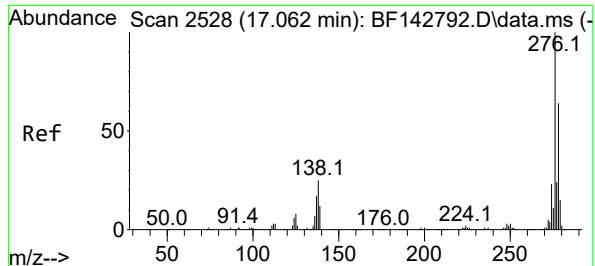
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.4	7.6	11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.1	27.1
265	21.0	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.741 ng

RT: 17.062 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

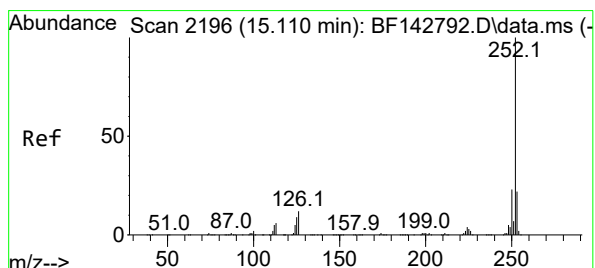
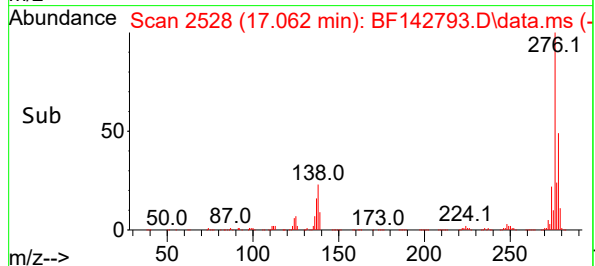
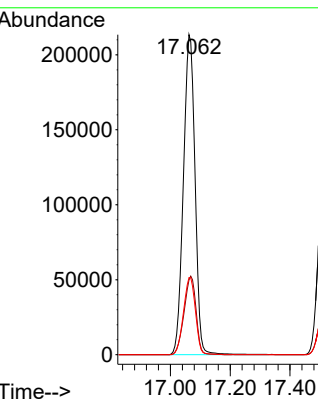
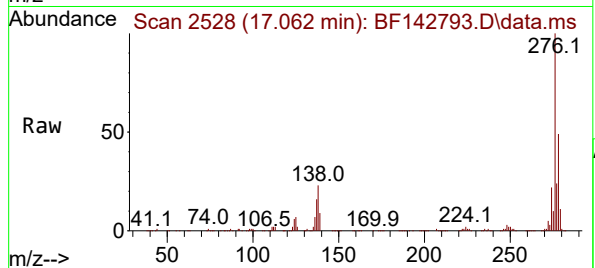
Tgt Ion:276 Resp: 575271

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 49.437 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

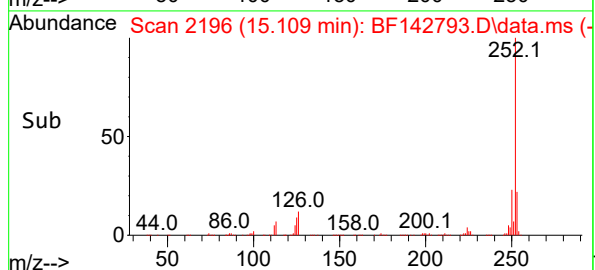
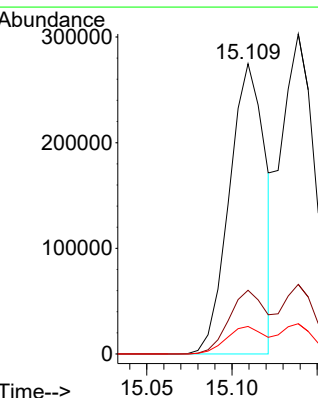
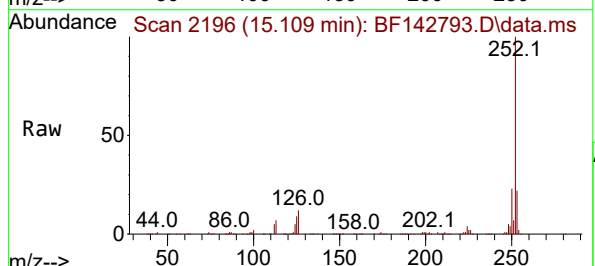
Tgt Ion:252 Resp: 401915

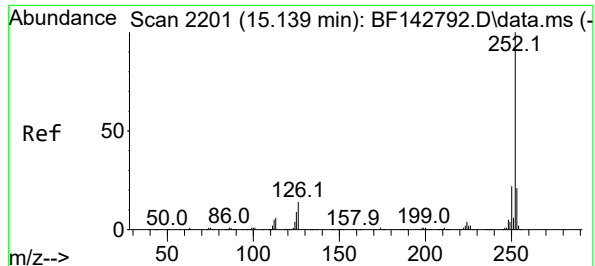
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 52.440 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

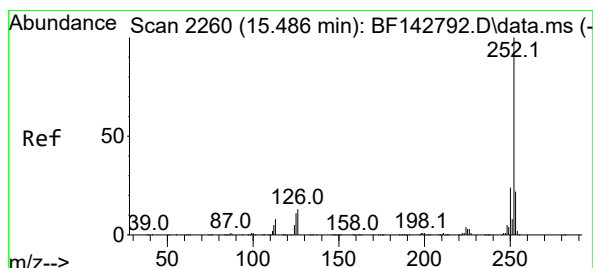
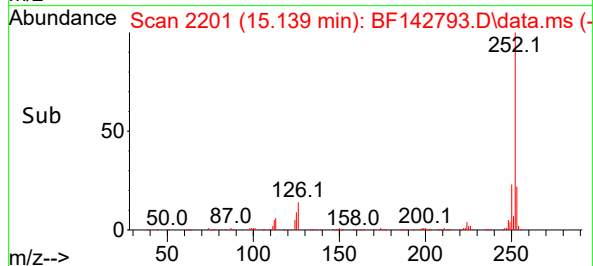
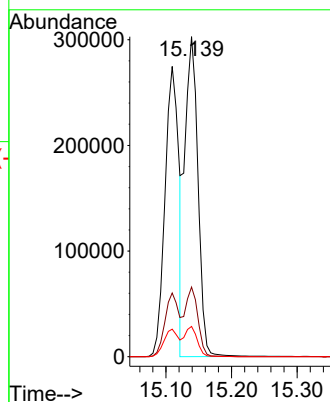
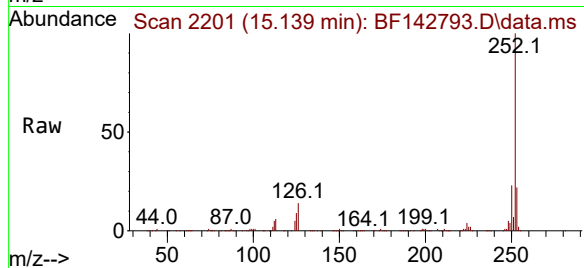
Tgt Ion:252 Resp: 416169

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 53.860 ng

RT: 15.486 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

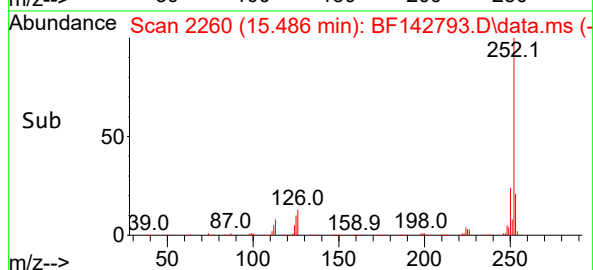
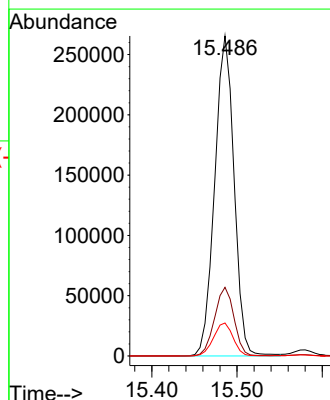
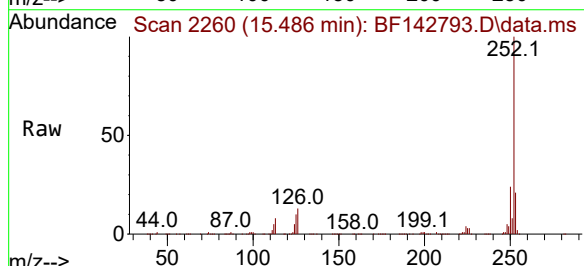
Tgt Ion:252 Resp: 419030

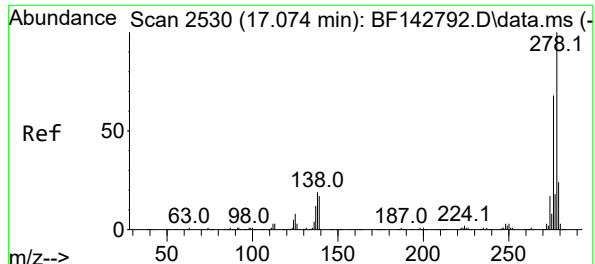
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.3 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 55.594 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

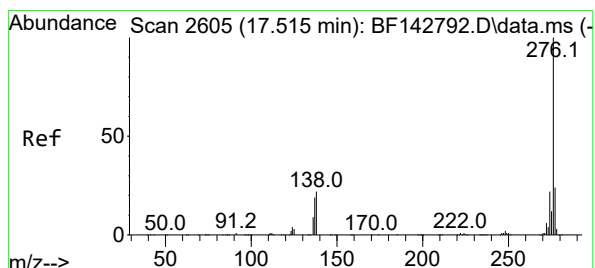
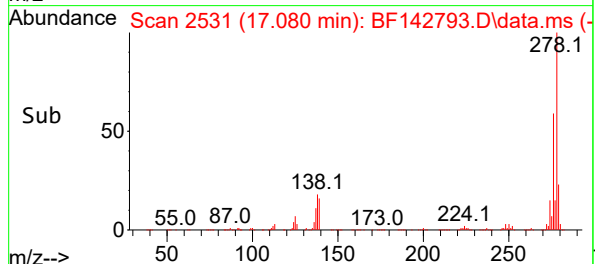
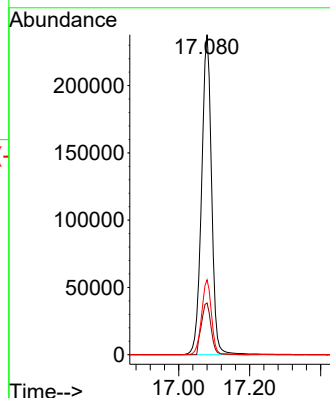
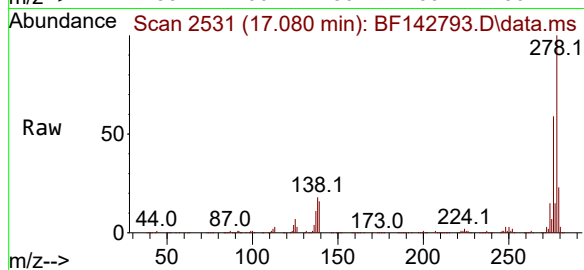
Tgt Ion:278 Resp: 466485

Ion Ratio Lower Upper

278 100

139 16.2 13.5 20.3

279 23.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 55.540 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

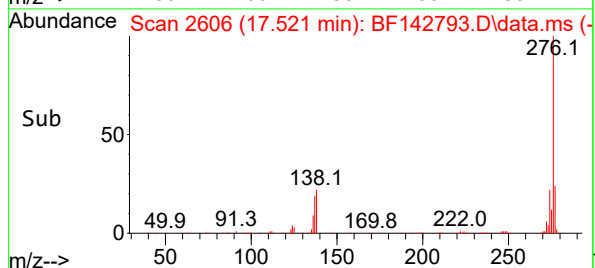
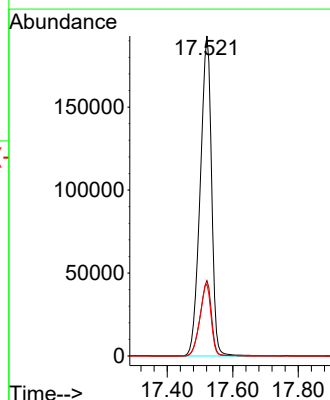
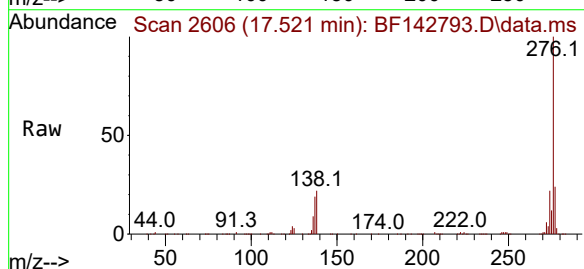
Tgt Ion:276 Resp: 464951

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.4 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142794.D
 Acq On : 19 Jun 2025 20:10
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Jun 20 04:41:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83273	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	313390	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	161044	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	264336	20.000	ng	0.00
76) Chrysene-d12	14.057	240	133196	20.000	ng	0.00
86) Perylene-d12	15.551	264	166457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	585158	119.852	ng	0.00
7) Phenol-d6	6.516	99	689436	120.255	ng	0.00
23) Nitrobenzene-d5	7.451	82	680402	119.003	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	198721	113.541	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1360586	112.392	ng	0.00
79) Terphenyl-d14	12.998	244	1107704	115.747	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	119634	61.705	ng	99
3) Pyridine	3.410	79	302137	62.244	ng	99
4) n-Nitrosodimethylamine	3.375	42	157914	63.520	ng	99
6) Aniline	6.545	93	466855	60.761	ng	93
8) 2-Chlorophenol	6.669	128	317743	59.767	ng	99
9) Benzaldehyde	6.434	77	170843	48.878	ng	100
10) Phenol	6.528	94	382126	59.780	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	278869	58.802	ng	98
12) 1,3-Dichlorobenzene	6.822	146	353155	58.337	ng	98
13) 1,4-Dichlorobenzene	6.898	146	356089	58.035	ng	99
14) 1,2-Dichlorobenzene	7.051	146	338121	57.645	ng	99
15) Benzyl Alcohol	7.028	79	257749	60.062	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	439082	58.763	ng	97
17) 2-Methylphenol	7.134	107	242711	59.716	ng	100
18) Hexachloroethane	7.392	117	124457	56.741	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	202914	56.123	ng	97
20) 3+4-Methylphenols	7.292	107	298960	58.442	ng	99
22) Acetophenone	7.298	105	402615	58.063	ng	99
24) Nitrobenzene	7.469	77	306032	60.229	ng	99
25) Isophorone	7.710	82	548612	57.216	ng	100
26) 2-Nitrophenol	7.786	139	175072	61.836	ng	98
27) 2,4-Dimethylphenol	7.822	122	288532	59.859	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	343925	57.620	ng	100
29) 2,4-Dichlorophenol	8.028	162	260228	58.574	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	282721	57.608	ng	99
31) Naphthalene	8.192	128	886614	57.524	ng	100
32) Benzoic acid	7.945	122	169471	63.369	ng	96
33) 4-Chloroaniline	8.239	127	369911	59.887	ng	99
34) Hexachlorobutadiene	8.304	225	173425	55.768	ng	99
35) Caprolactam	8.622	113	73108	61.157	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	261249	56.927	ng	99
37) 2-Methylnaphthalene	8.881	142	548439	56.406	ng	100
38) 1-Methylnaphthalene	8.980	142	567801	56.247	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	278551	59.918	ng	99
41) Hexachlorocyclopentadiene	9.033	237	181771	61.835	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	187708	62.392	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142794.D
 Acq On : 19 Jun 2025 20:10
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

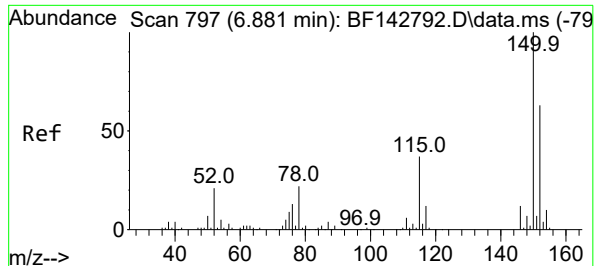
Quant Time: Jun 20 04:41:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	196769	60.565	ng	99
46) 1,1'-Biphenyl	9.345	154	736970	58.937	ng	99
47) 2-Chloronaphthalene	9.375	162	553304	59.966	ng	99
48) 2-Nitroaniline	9.469	65	162701	62.067	ng	96
49) Acenaphthylene	9.786	152	913540	58.892	ng	100
50) Dimethylphthalate	9.651	163	617097	57.767	ng	100
51) 2,6-Dinitrotoluene	9.710	165	137318	59.299	ng	99
52) Acenaphthene	9.963	154	566138	58.980	ng	100
53) 3-Nitroaniline	9.880	138	154402	61.386	ng	99
54) 2,4-Dinitrophenol	9.986	184	78750	62.843	ng	99
55) Dibenzofuran	10.133	168	802087	58.567	ng	99
56) 4-Nitrophenol	10.039	139	110658	64.811	ng	100
57) 2,4-Dinitrotoluene	10.116	165	184840	60.367	ng	97
58) Fluorene	10.475	166	608786	56.322	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	159997	58.739	ng	97
60) Diethylphthalate	10.345	149	611873	57.662	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	294444	56.089	ng	98
62) 4-Nitroaniline	10.498	138	144821	64.135	ng	98
63) Azobenzene	10.627	77	542118	58.460	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	103180	62.814	ng	100
66) n-Nitrosodiphenylamine	10.586	169	531713	58.540	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	180519	58.311	ng	97
68) Hexachlorobenzene	11.022	284	199479	58.041	ng	99
69) Atrazine	11.110	200	144880	60.075	ng	98
70) Pentachlorophenol	11.216	266	107141	60.023	ng	98
71) Phenanthrene	11.439	178	815330	57.611	ng	99
72) Anthracene	11.492	178	844549	57.653	ng	100
73) Carbazole	11.645	167	729372	59.457	ng	100
74) Di-n-butylphthalate	11.969	149	784514	57.759	ng	100
75) Fluoranthene	12.627	202	770481	57.300	ng	99
77) Benzidine	12.751	184	287238	60.916	ng	100
78) Pyrene	12.857	202	744567	60.812	ng	99
80) Butylbenzylphthalate	13.474	149	238584	65.755	ng	97
81) Benzo(a)anthracene	14.045	228	550008	62.892	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	177798	62.787	ng	100
83) Chrysene	14.086	228	470124	57.743	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	336951	62.326	ng	99
85) Di-n-octyl phthalate	14.645	149	627090	60.871	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	768324	62.432	ng	99
88) Benzo(b)fluoranthene	15.110	252	597533	61.638	ng	100
89) Benzo(k)fluoranthene	15.139	252	518514	54.792	ng	99
90) Benzo(a)pyrene	15.486	252	569694	61.408	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	619236	61.889	ng	99
92) Benzo(g,h,i)perylene	17.527	276	626847	62.795	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

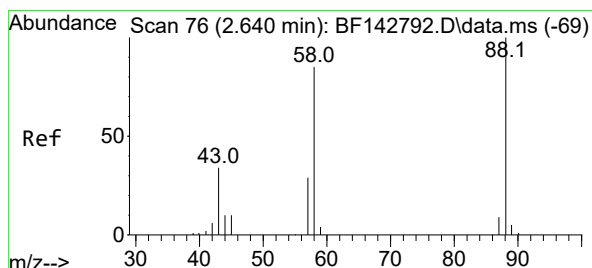
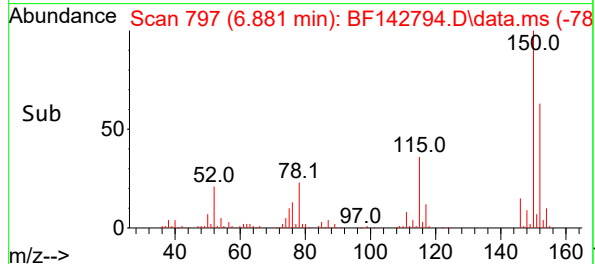
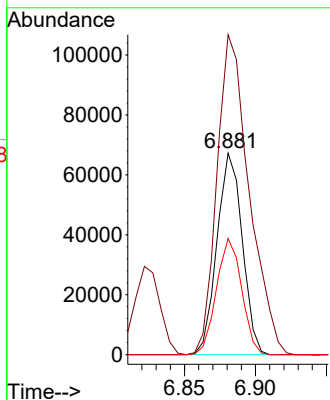
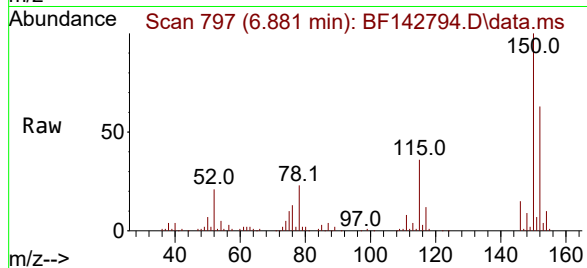
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

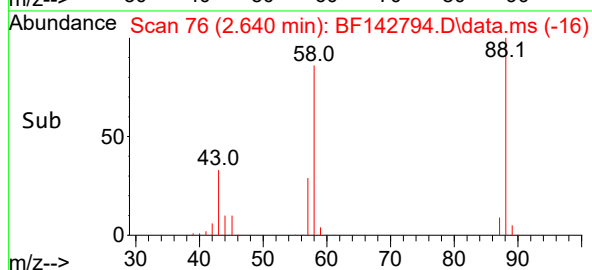
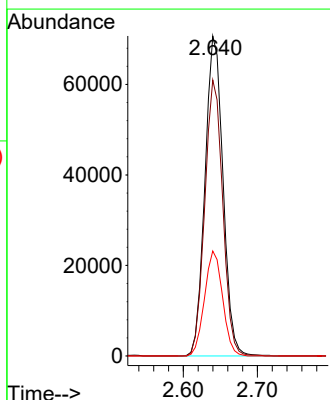
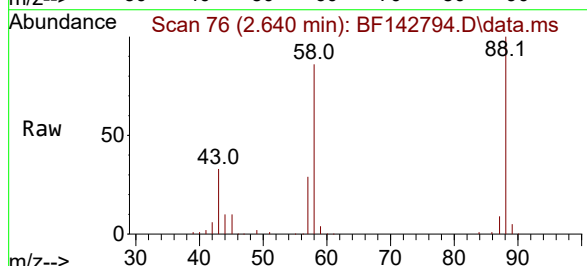
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

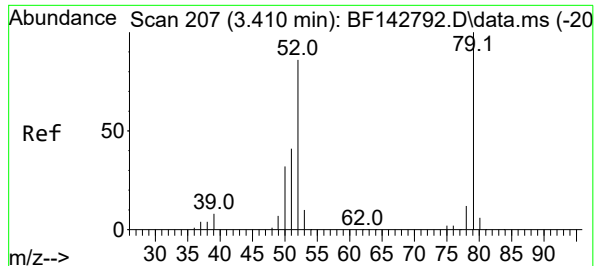
Tgt Ion:152 Resp: 83273
Ion Ratio Lower Upper
152 100
150 158.8 127.2 190.8
115 57.7 46.6 69.8



#2
1,4-Dioxane
Concen: 61.705 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 88 Resp: 119634
Ion Ratio Lower Upper
88 100
58 85.7 69.1 103.7
43 32.8 27.4 41.2

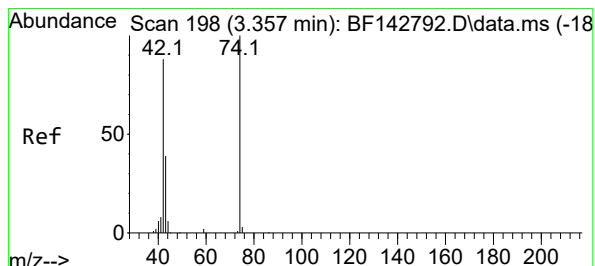
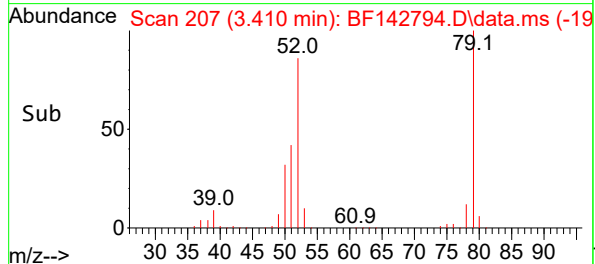
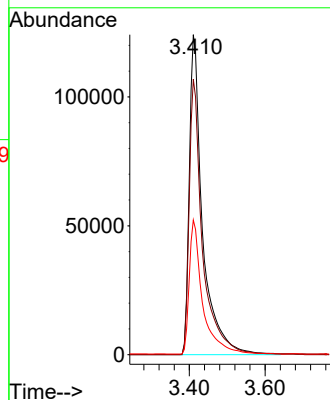
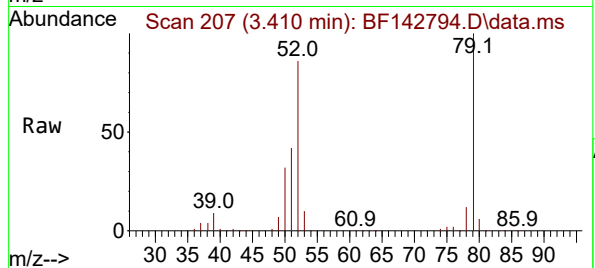




#3
Pyridine
Concen: 62.244 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

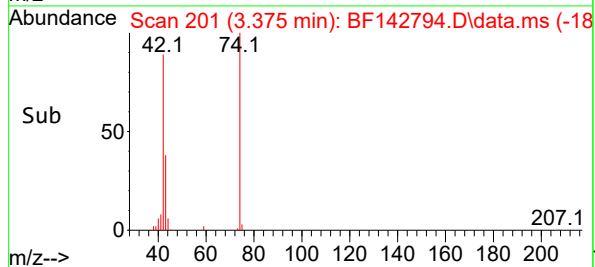
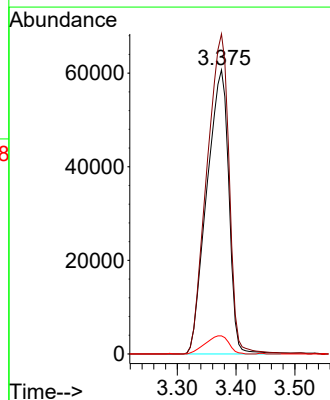
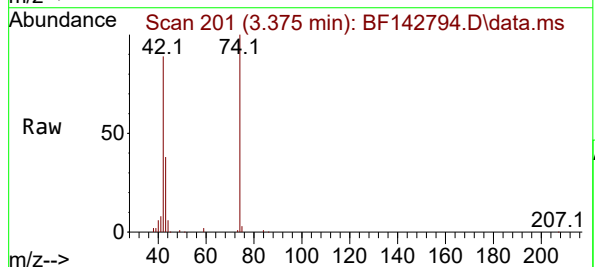
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

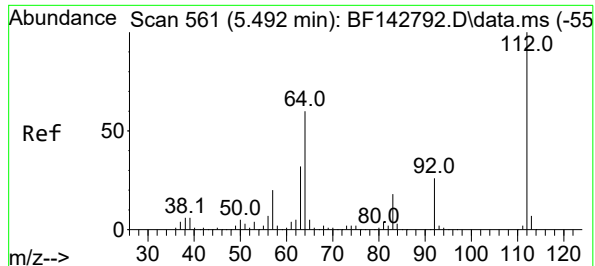
Tgt Ion: 79 Resp: 302137
Ion Ratio Lower Upper
79 100
52 86.1 69.2 103.8
51 42.1 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 63.520 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 42 Resp: 157914
Ion Ratio Lower Upper
42 100
74 112.7 90.9 136.3
44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 119.852 ng

RT: 5.498 min Scan# 5

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

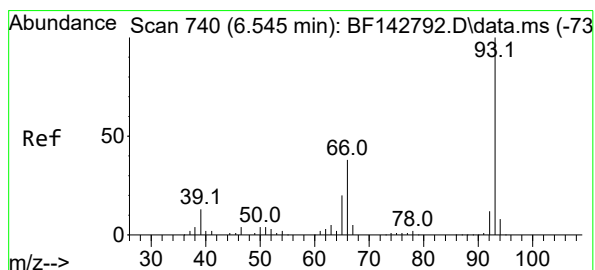
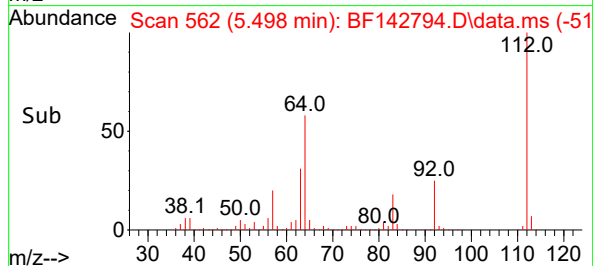
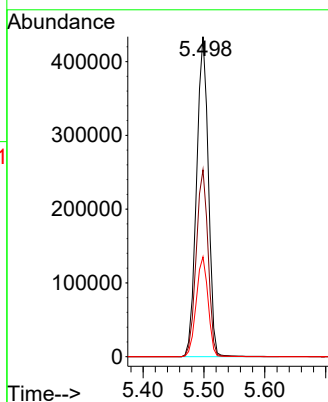
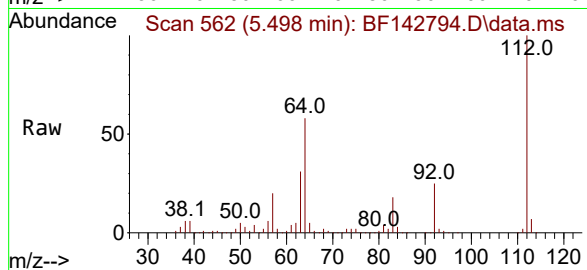
Tgt Ion:112 Resp: 585158

Ion Ratio Lower Upper

112 100

64 58.4 48.2 72.2

63 31.2 25.7 38.5



#6

Aniline

Concen: 60.761 ng

RT: 6.545 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

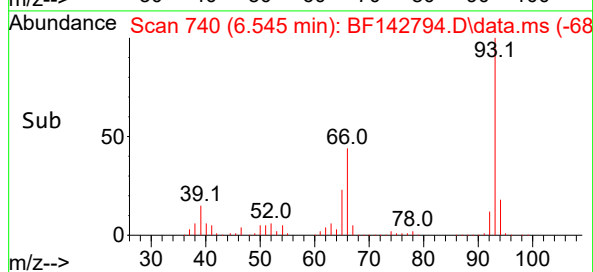
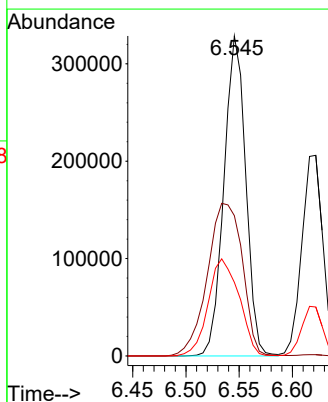
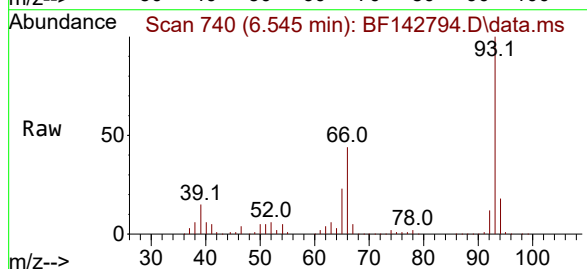
Tgt Ion: 93 Resp: 466855

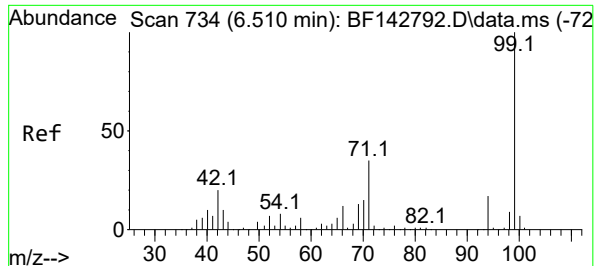
Ion Ratio Lower Upper

93 100

66 43.9 31.8 47.6

65 23.0 16.2 24.2





#7

Phenol-d6

Concen: 120.255 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

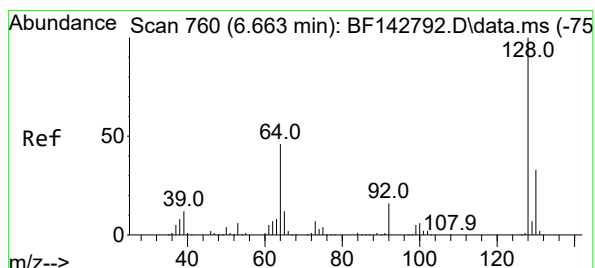
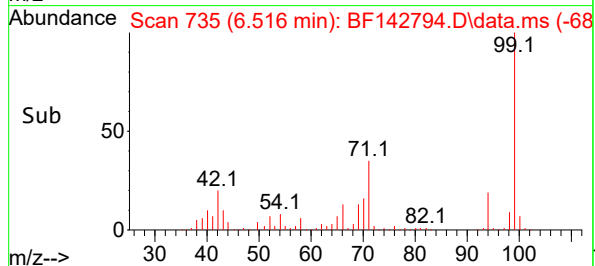
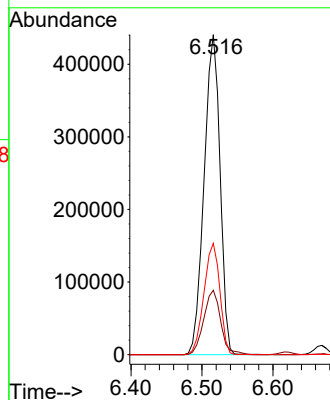
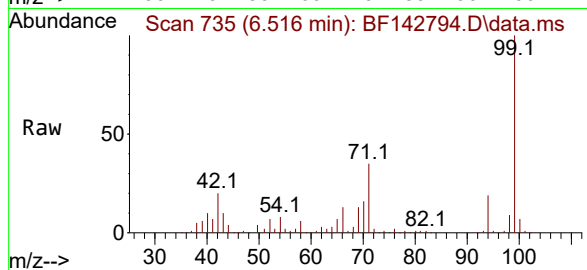
Tgt Ion: 99 Resp: 689436

Ion Ratio Lower Upper

99 100

42 20.2 15.9 23.9

71 34.8 27.8 41.8



#8

2-Chlorophenol

Concen: 59.767 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

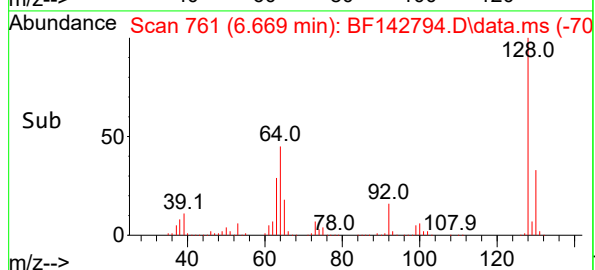
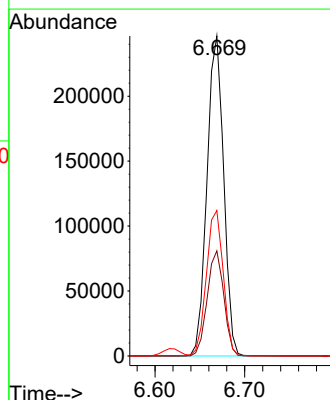
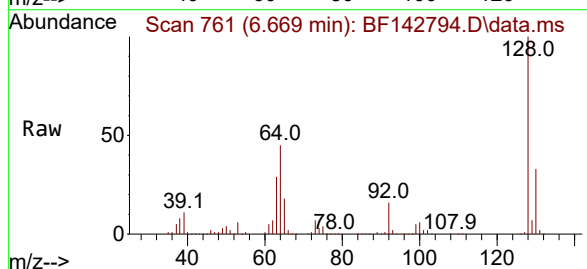
Tgt Ion:128 Resp: 317743

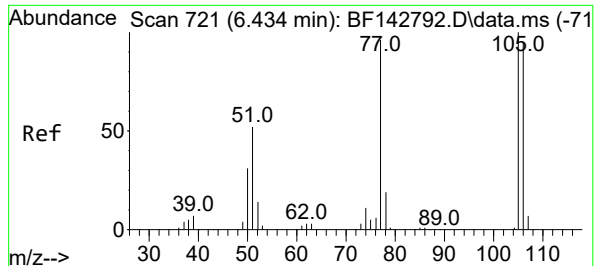
Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 45.5 26.5 66.5





#9

Benzaldehyde

Concen: 48.878 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

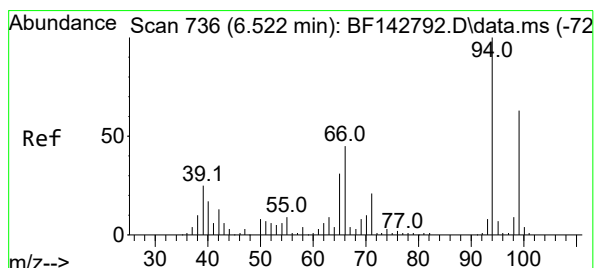
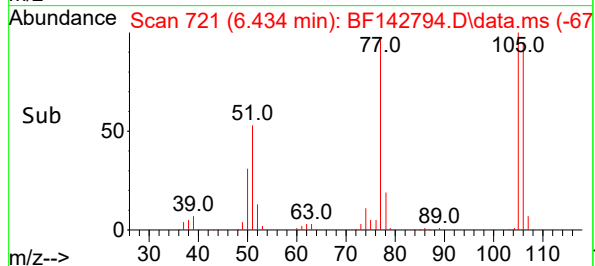
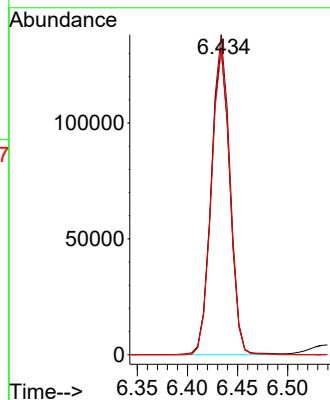
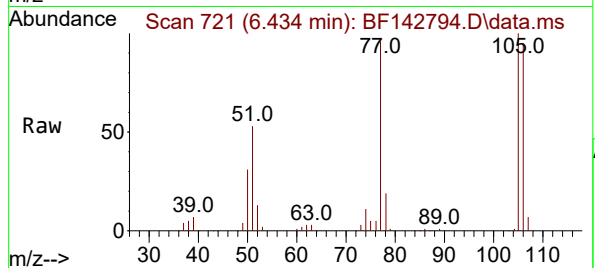
Tgt Ion: 77 Resp: 170843

Ion Ratio Lower Upper

77 100

105 104.2 83.8 123.8

106 99.1 78.7 118.7



#10

Phenol

Concen: 59.780 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

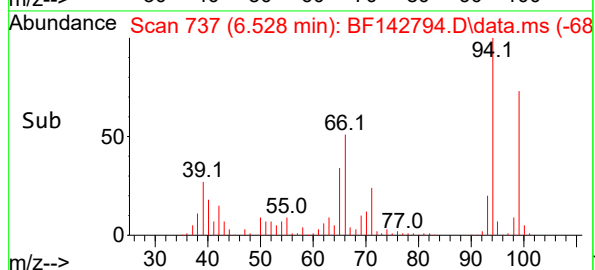
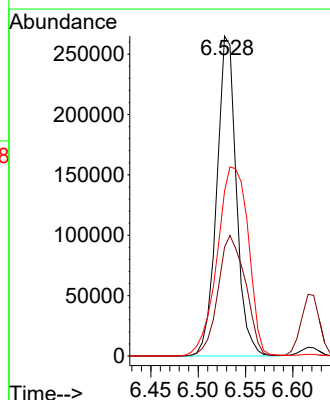
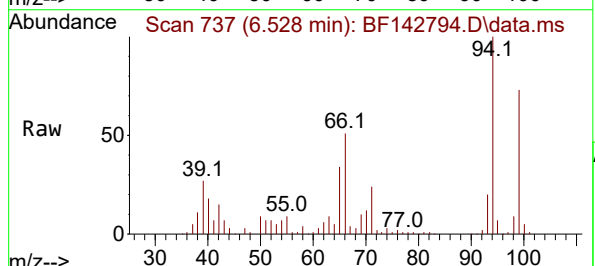
Tgt Ion: 94 Resp: 382126

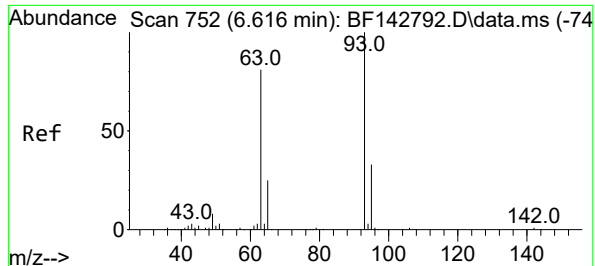
Ion Ratio Lower Upper

94 100

65 34.0 11.3 51.3

66 51.4 24.9 64.9

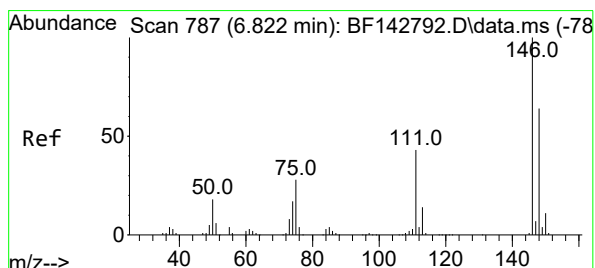
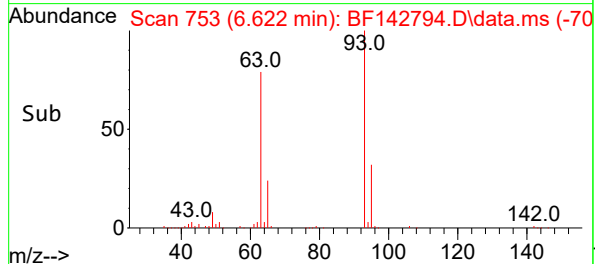
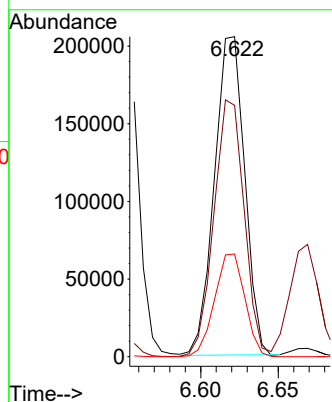
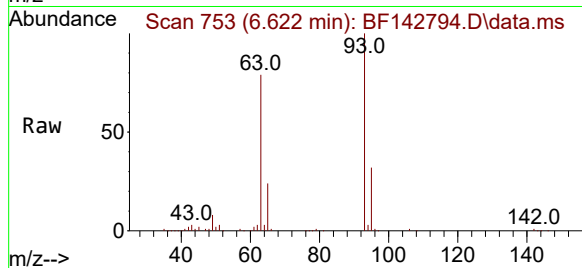




#11
bis(2-Chloroethyl)ether
Concen: 58.802 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

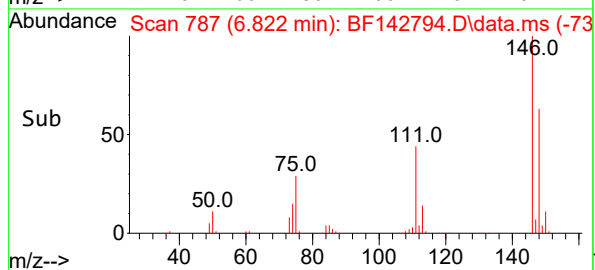
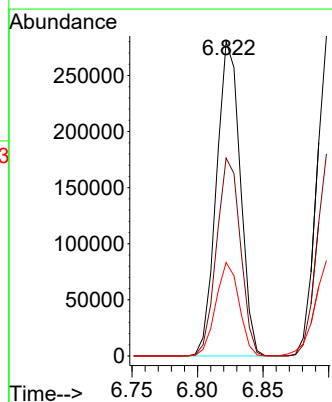
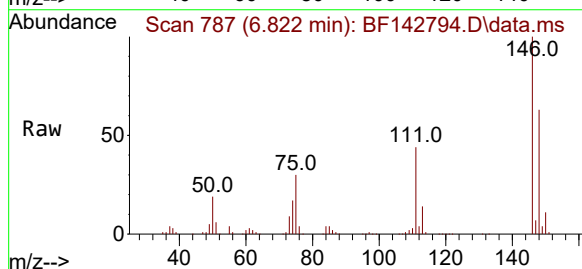
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

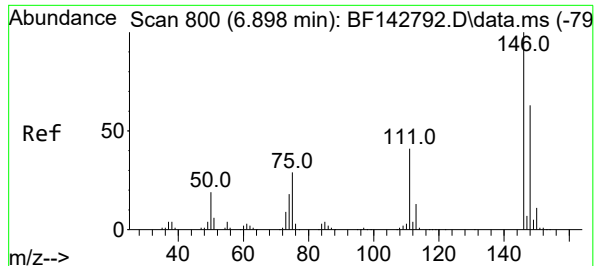
Tgt Ion: 93 Resp: 278869
Ion Ratio Lower Upper
93 100
63 78.5 60.3 100.3
95 32.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 58.337 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 146 Resp: 353155
Ion Ratio Lower Upper
146 100
148 63.0 51.1 76.7
75 29.7 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 58.035 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

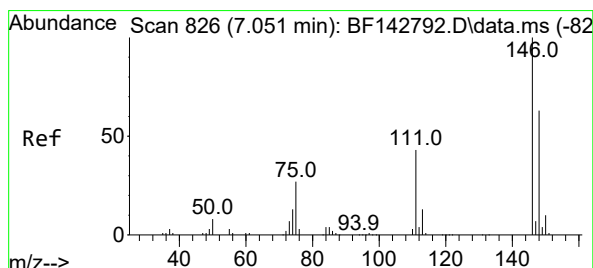
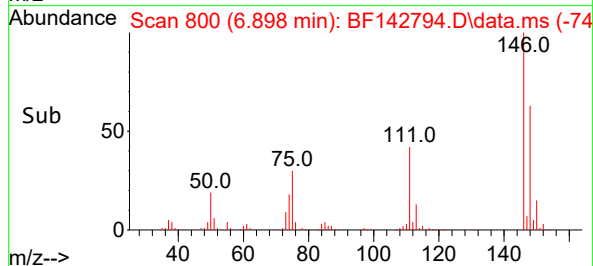
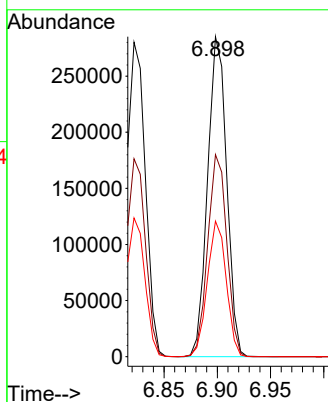
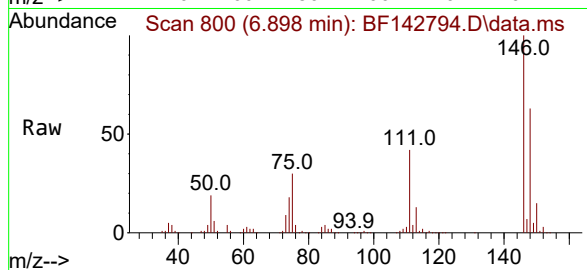
Tgt Ion:146 Resp: 356089

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 42.4 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 57.645 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

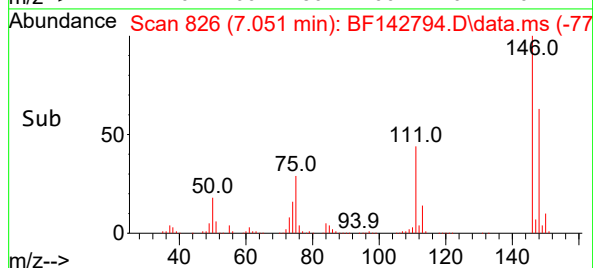
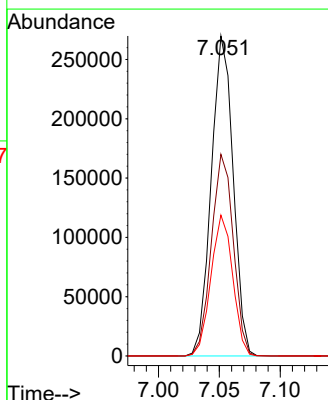
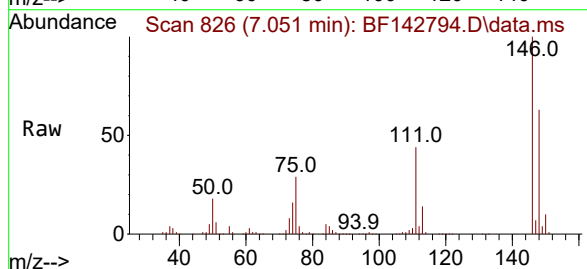
Tgt Ion:146 Resp: 338121

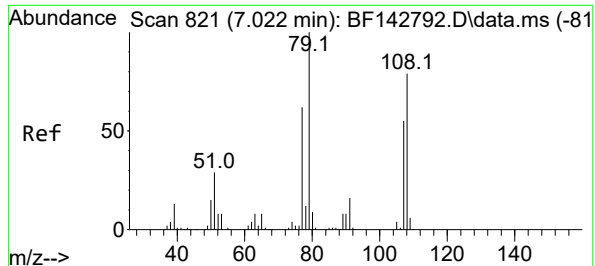
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 44.0 34.1 51.1





#15

Benzyl Alcohol

Concen: 60.062 ng

RT: 7.028 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

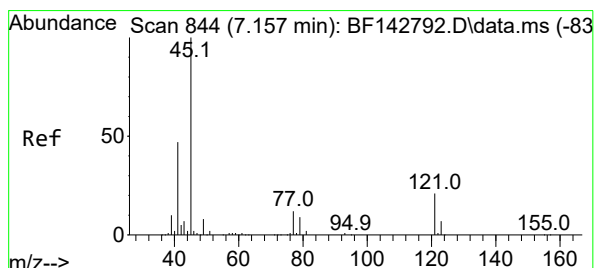
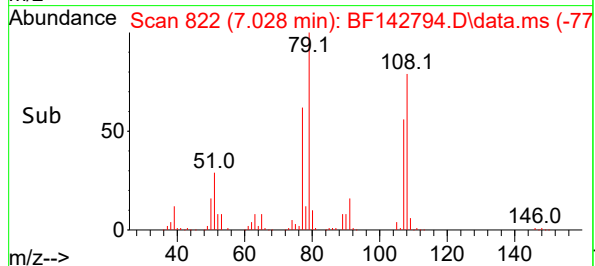
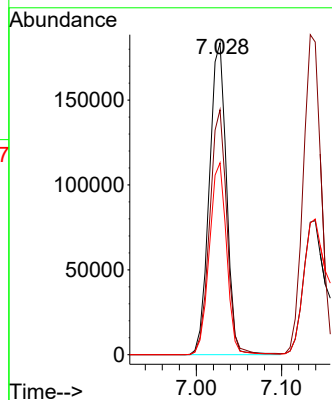
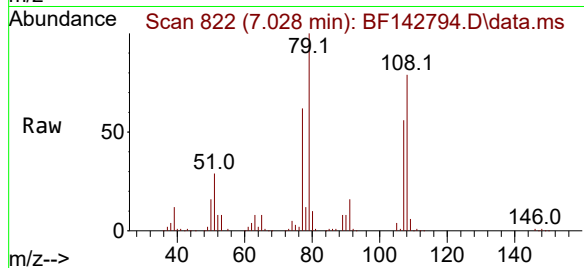
Tgt Ion: 79 Resp: 257749

Ion Ratio Lower Upper

79 100

108 78.6 63.4 95.0

77 61.5 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.763 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

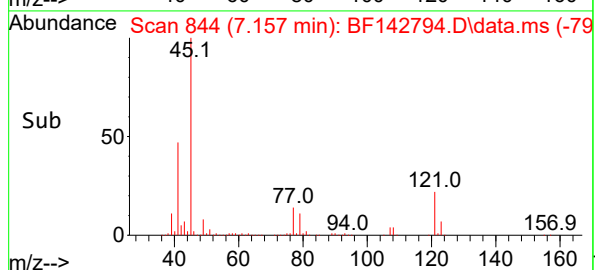
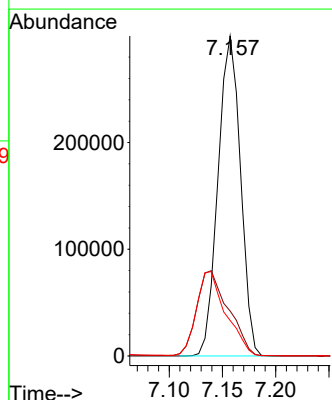
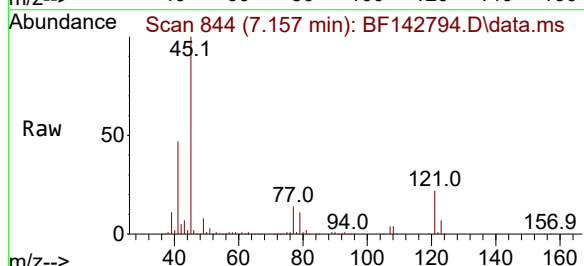
Tgt Ion: 45 Resp: 439082

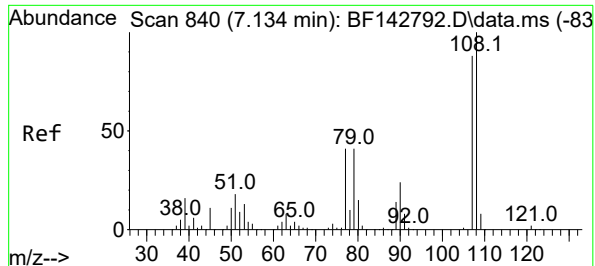
Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.8

79 11.1 0.0 29.8

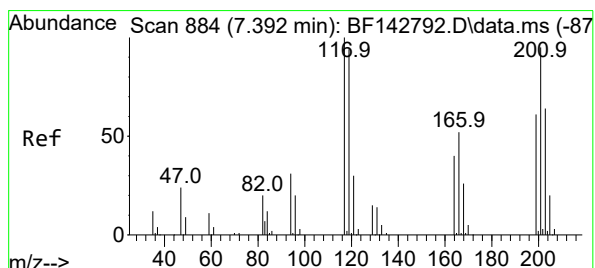
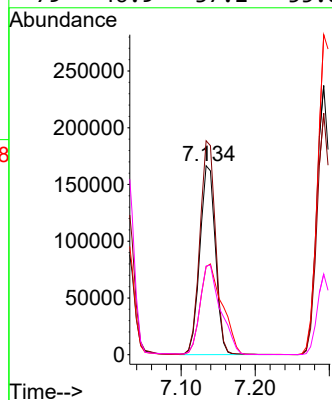
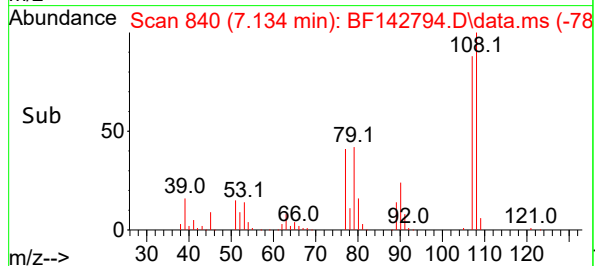
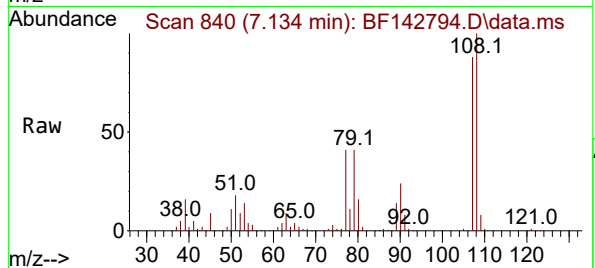




#17
2-Methylphenol
Concen: 59.716 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

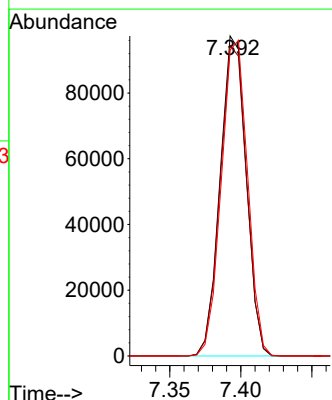
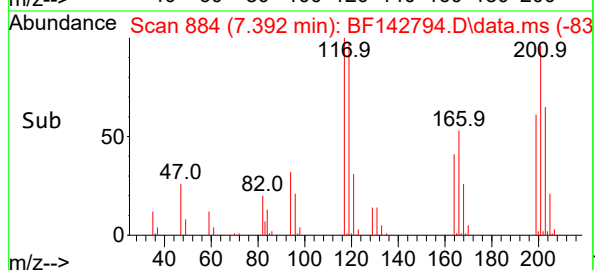
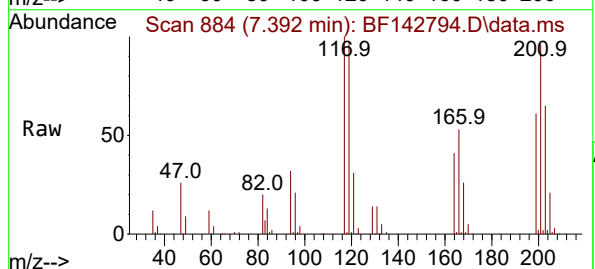
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

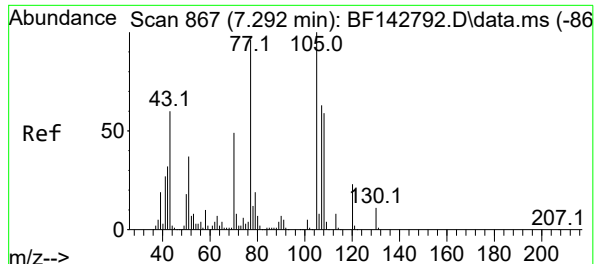
Tgt Ion:107 Resp: 242711
Ion Ratio Lower Upper
107 100
108 113.2 90.9 136.3
77 46.6 37.3 55.9
79 46.9 37.2 55.8



#18
Hexachloroethane
Concen: 56.741 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:117 Resp: 124457
Ion Ratio Lower Upper
117 100
119 97.0 75.4 113.0
201 95.6 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 56.123 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.012 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 202914

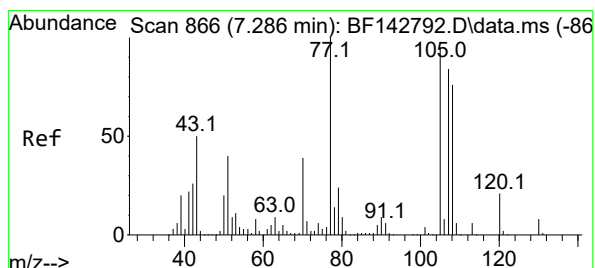
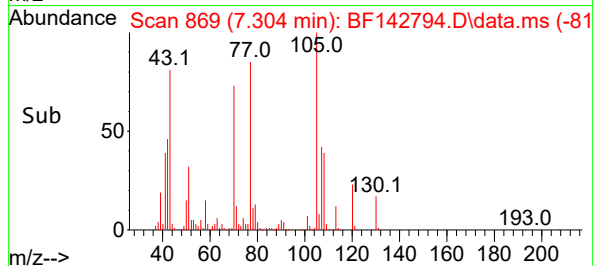
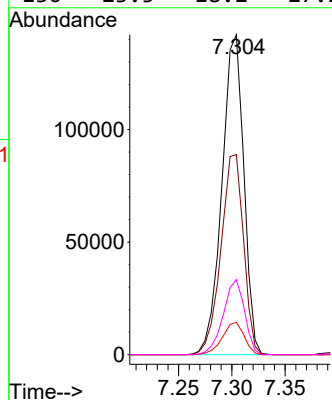
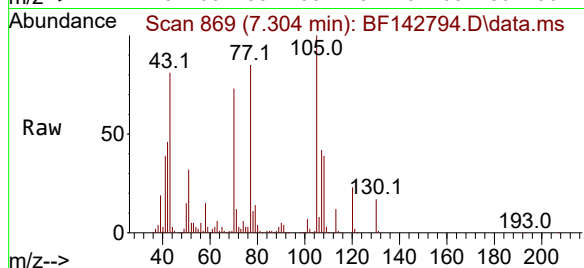
Ion Ratio Lower Upper

70 100

42 62.6 52.1 78.1

101 10.1 8.2 12.2

130 23.5 18.2 27.2



#20

3+4-Methylphenols

Concen: 58.442 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Tgt Ion:107 Resp: 298960

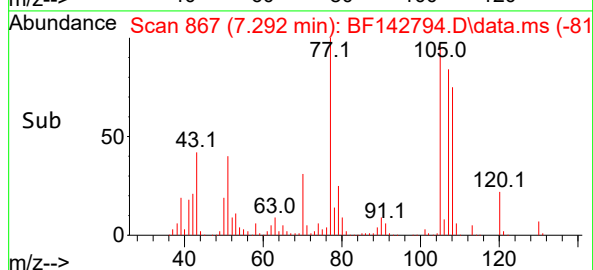
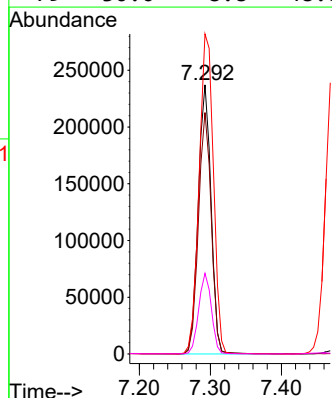
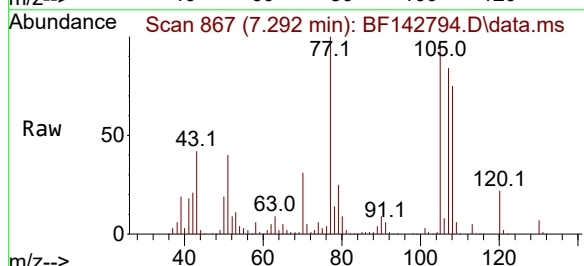
Ion Ratio Lower Upper

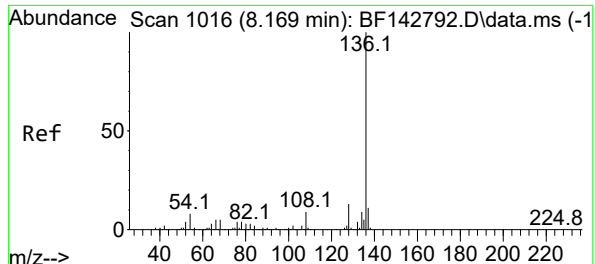
107 100

108 89.7 70.0 110.0

77 118.9 98.5 138.5

79 30.0 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 313390

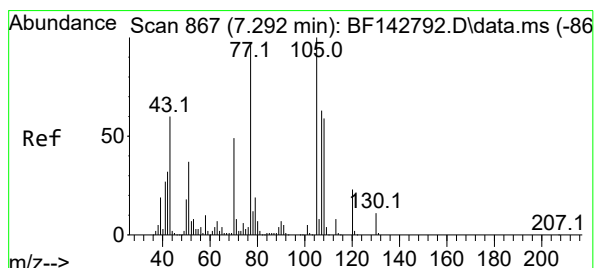
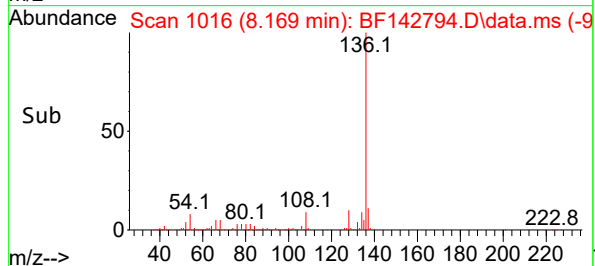
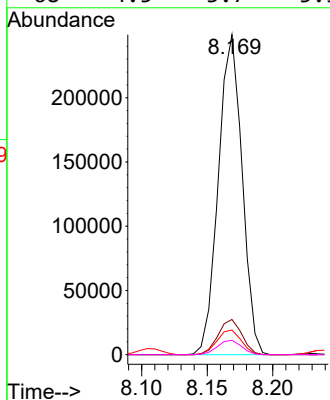
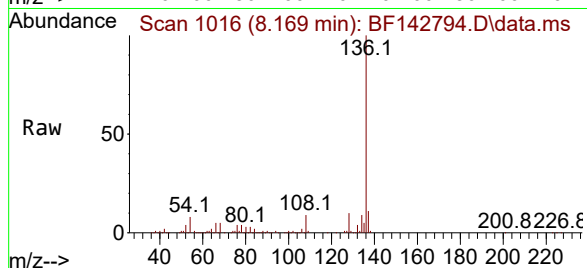
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 7.7 6.3 9.5

68 4.5 3.7 5.5



#22

Acetophenone

Concen: 58.063 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Tgt Ion:105 Resp: 402615

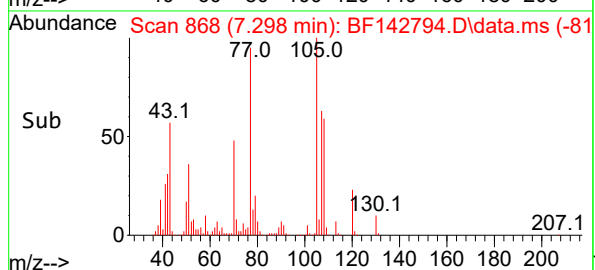
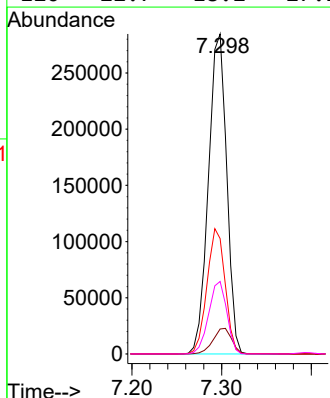
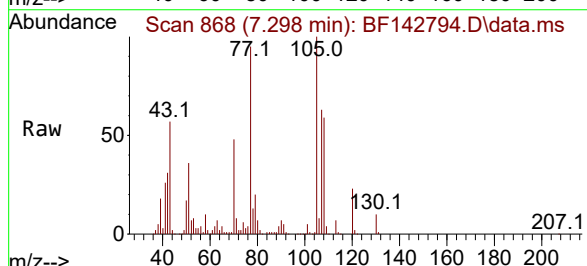
Ion Ratio Lower Upper

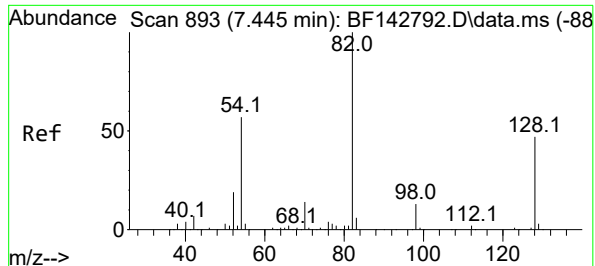
105 100

71 7.8 6.5 9.7

51 36.1 29.8 44.8

120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 119.003 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

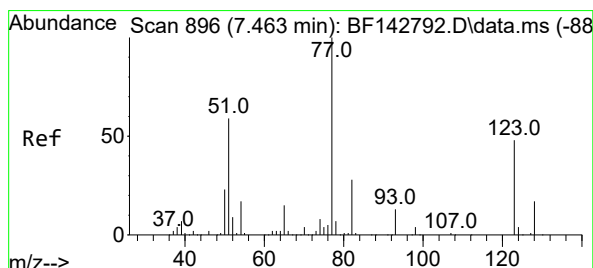
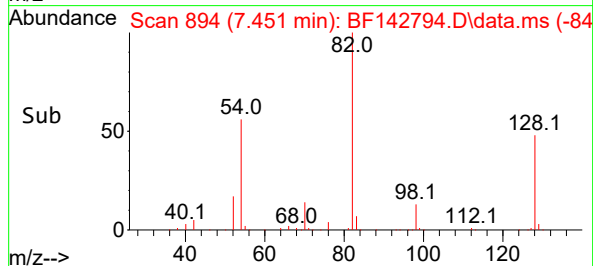
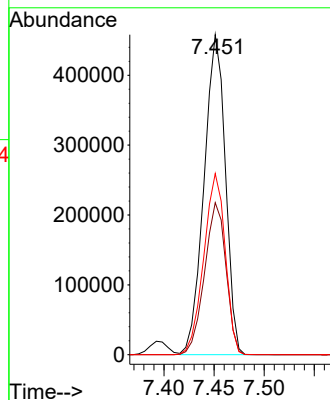
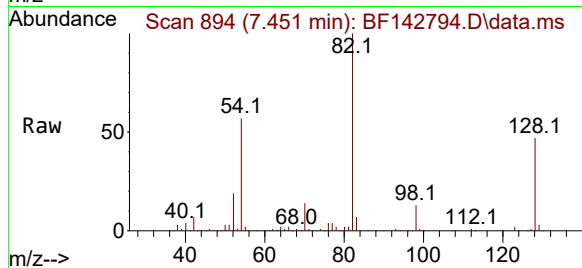
Tgt Ion: 82 Resp: 680402

Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

54 56.6 45.7 68.5



#24

Nitrobenzene

Concen: 60.229 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

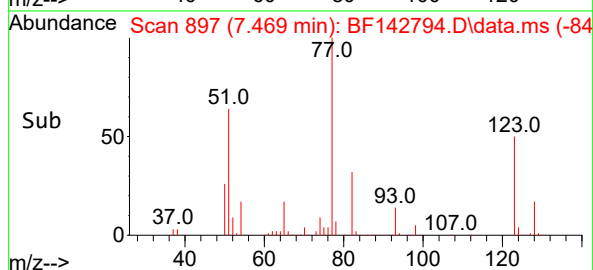
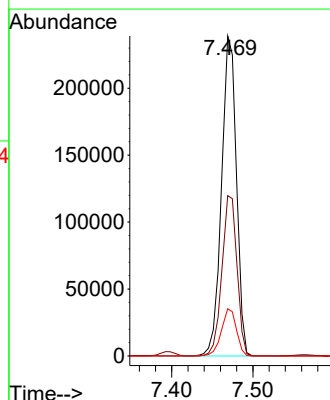
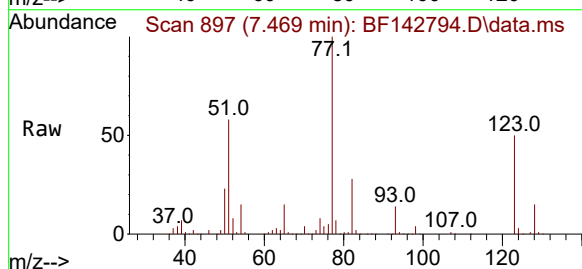
Tgt Ion: 77 Resp: 306032

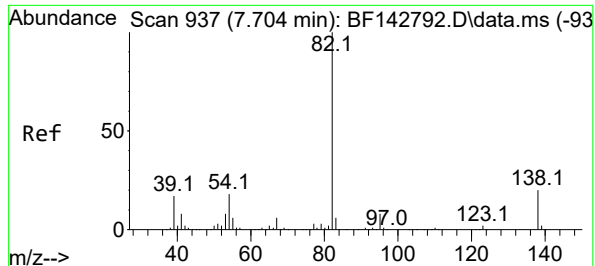
Ion Ratio Lower Upper

77 100

123 50.1 39.2 58.8

65 14.7 11.6 17.4

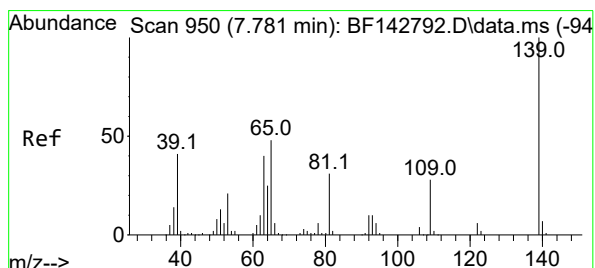
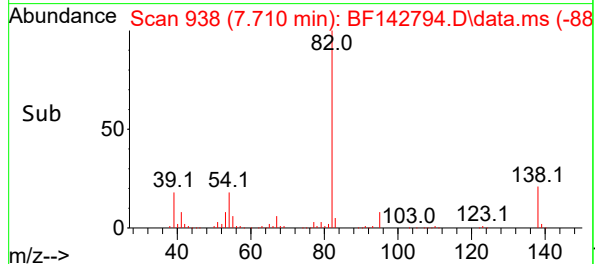
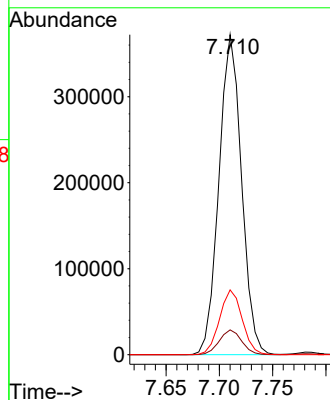
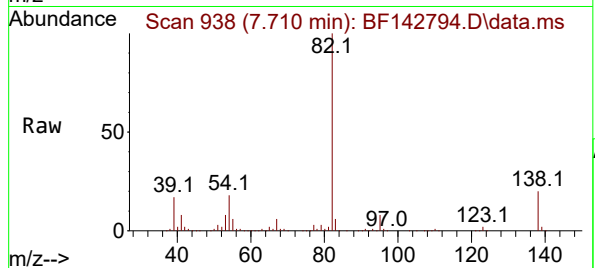




#25
Isophorone
Concen: 57.216 ng
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

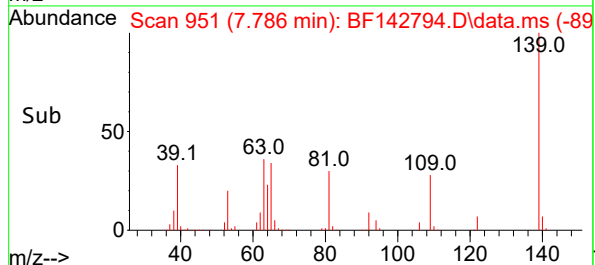
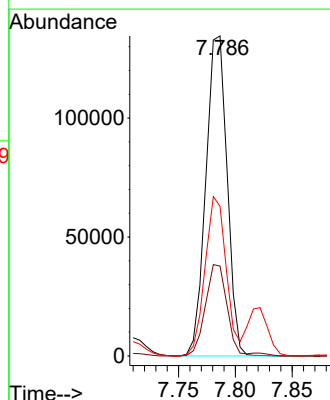
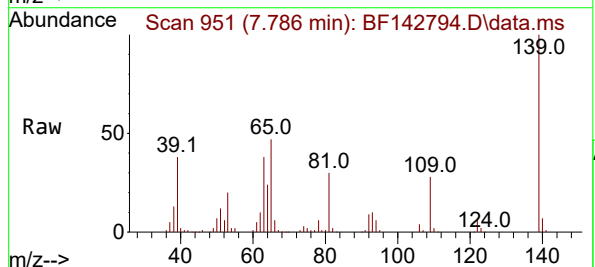
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

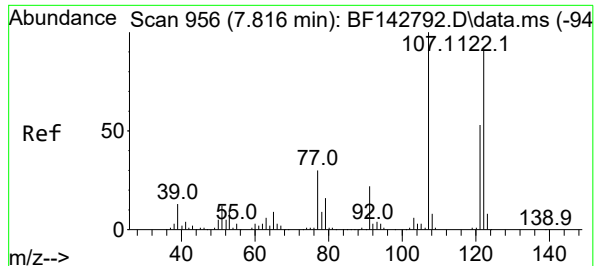
Tgt Ion: 82 Resp: 548612
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.3 16.2 24.4



#26
2-Nitrophenol
Concen: 61.836 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion: 139 Resp: 175072
Ion Ratio Lower Upper
139 100
109 28.1 22.7 34.1
65 46.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 59.859 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

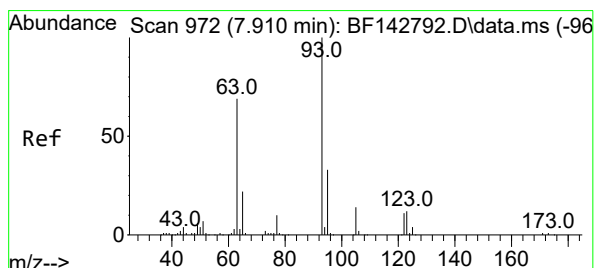
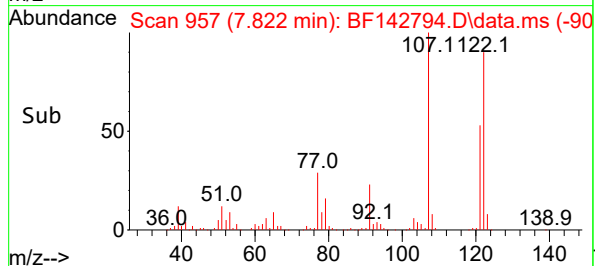
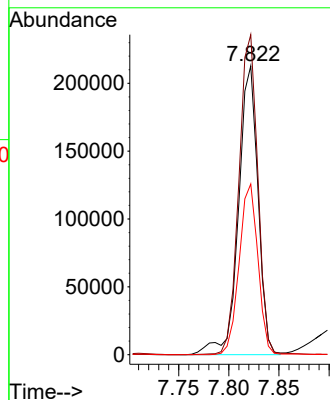
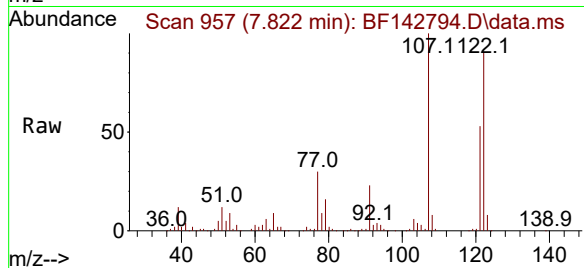
Tgt Ion:122 Resp: 288532

Ion Ratio Lower Upper

122 100

107 110.8 88.0 132.0

121 59.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 57.620 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

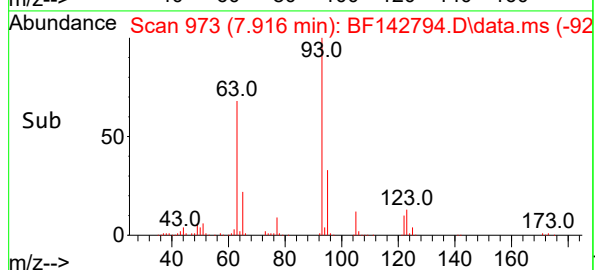
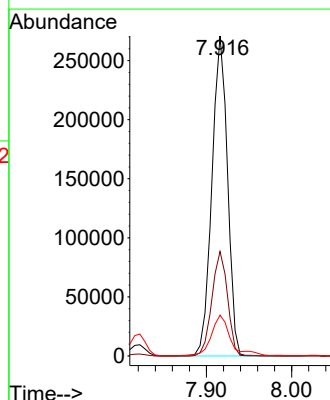
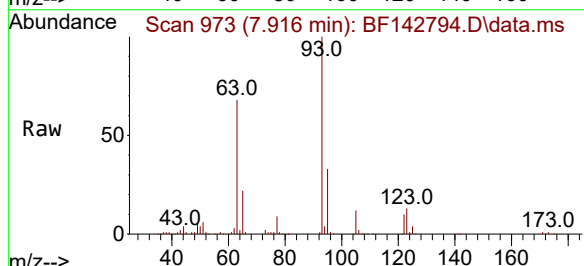
Tgt Ion: 93 Resp: 343925

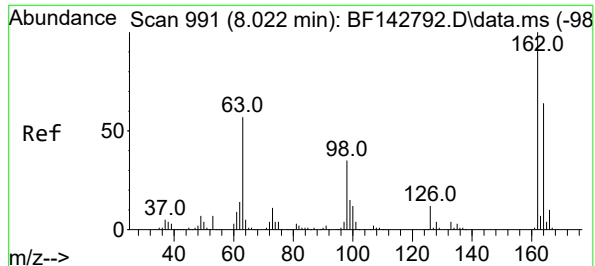
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.8 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 58.574 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

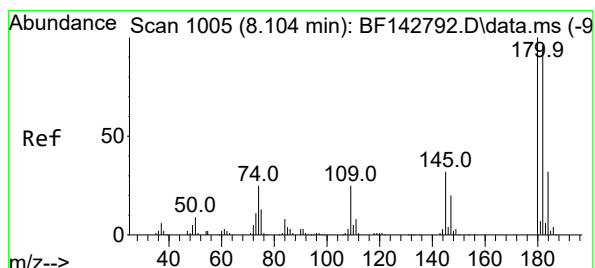
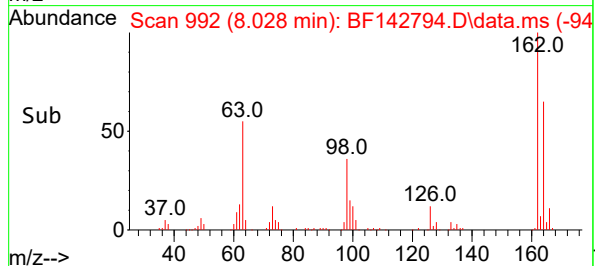
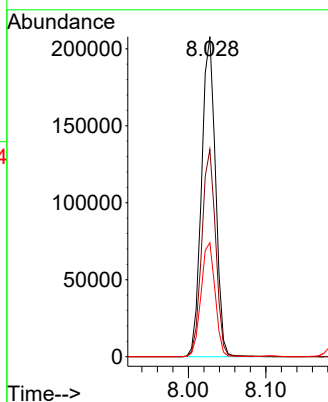
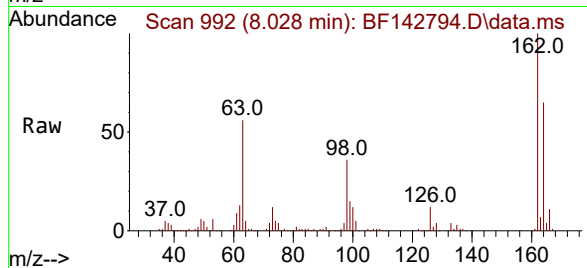
Tgt Ion:162 Resp: 260228

Ion Ratio Lower Upper

162 100

164 64.7 44.0 84.0

98 35.6 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 57.608 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

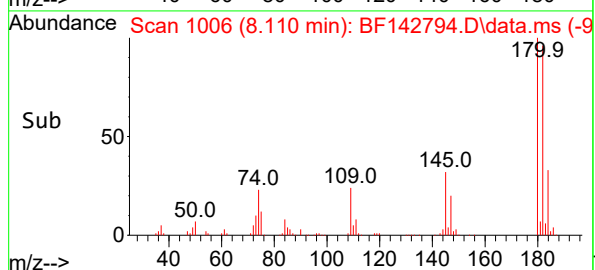
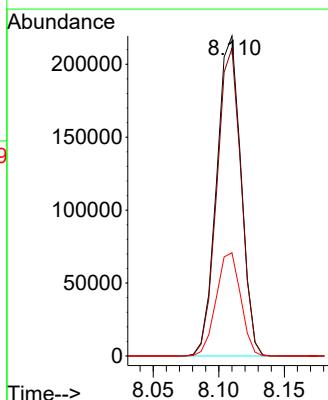
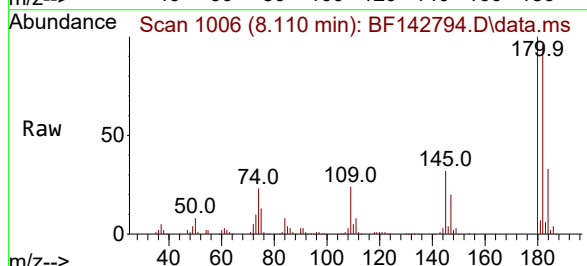
Tgt Ion:180 Resp: 282721

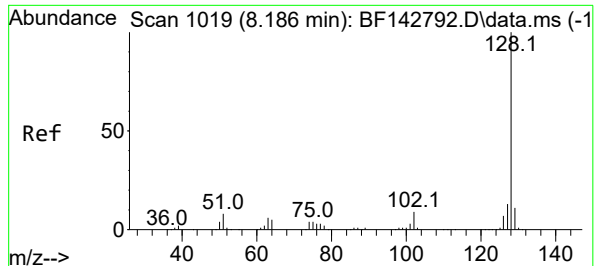
Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

145 32.2 25.8 38.8





#31

Naphthalene

Concen: 57.524 ng

RT: 8.192 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

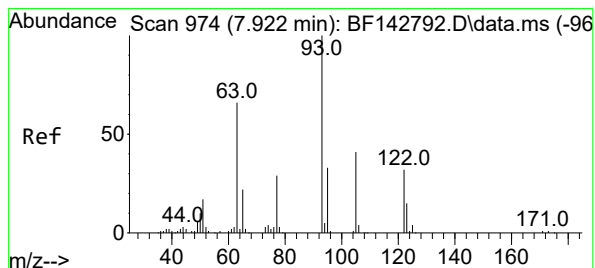
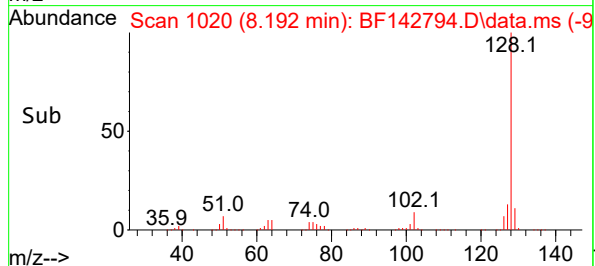
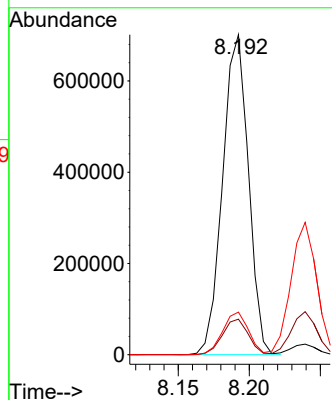
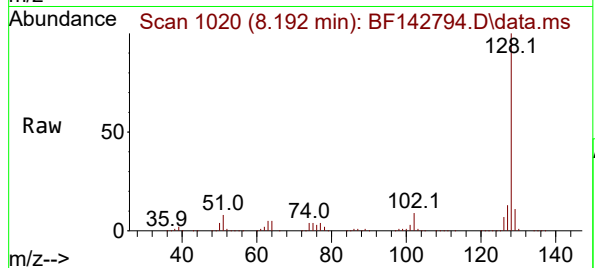
Tgt Ion:128 Resp: 886614

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.3 10.4 15.6



#32

Benzoic acid

Concen: 63.369 ng

RT: 7.945 min Scan# 978

Delta R.T. 0.024 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

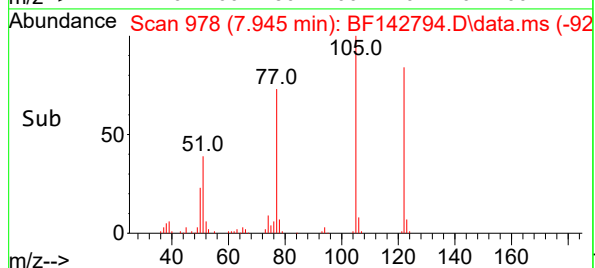
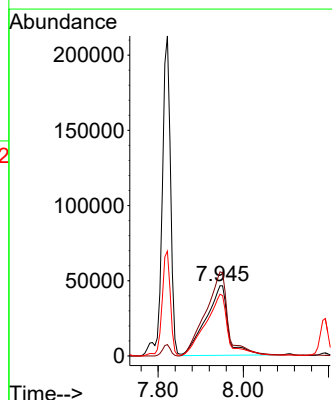
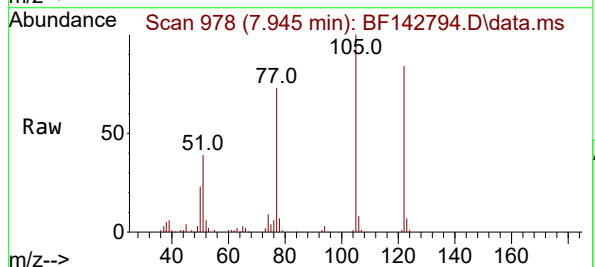
Tgt Ion:122 Resp: 169471

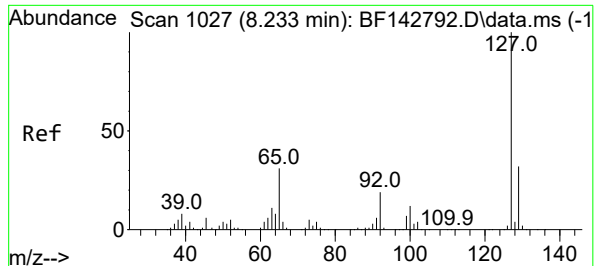
Ion Ratio Lower Upper

122 100

105 119.7 104.7 144.7

77 87.9 70.2 110.2





#33

4-Chloroaniline

Concen: 59.887 ng

RT: 8.239 min Scan# 1027

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 369911

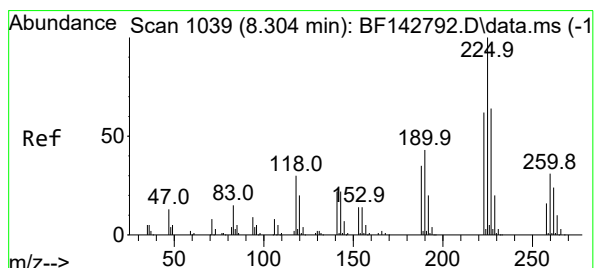
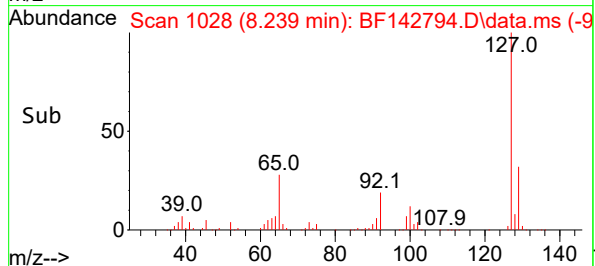
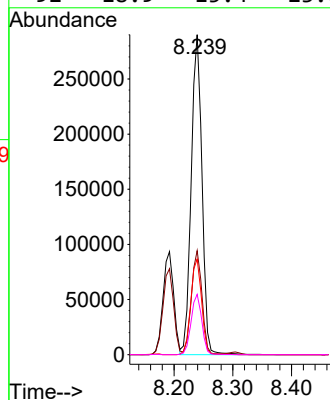
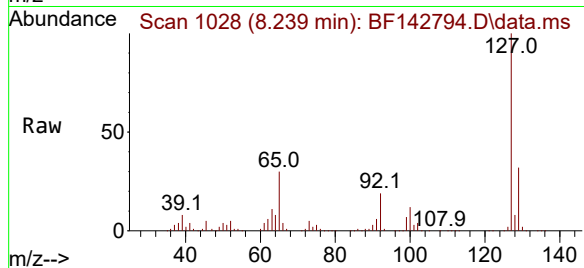
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 29.9 24.6 36.8

92 18.9 15.4 23.0



#34

Hexachlorobutadiene

Concen: 55.768 ng

RT: 8.304 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

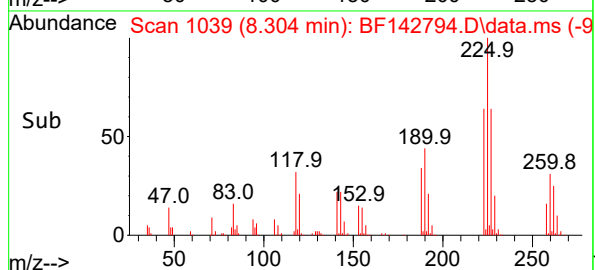
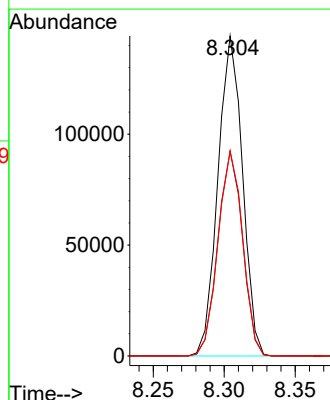
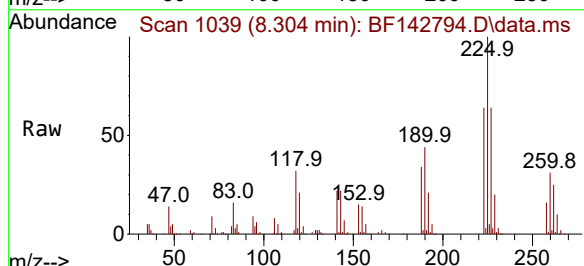
Tgt Ion:225 Resp: 173425

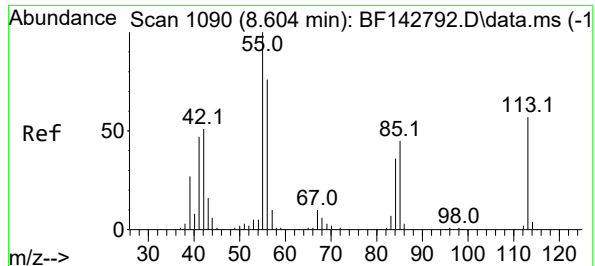
Ion Ratio Lower Upper

225 100

223 64.0 49.9 74.9

227 64.0 51.4 77.0

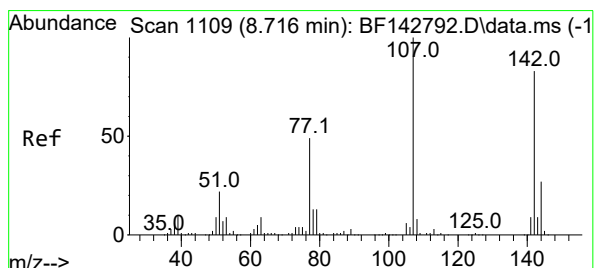
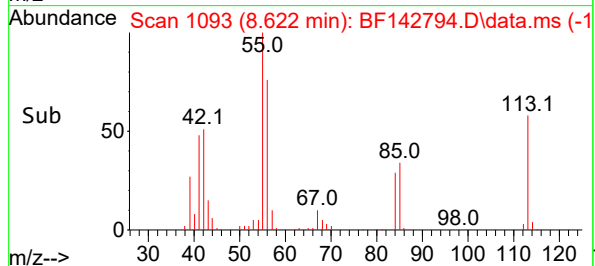
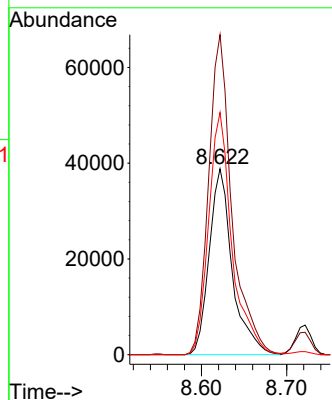
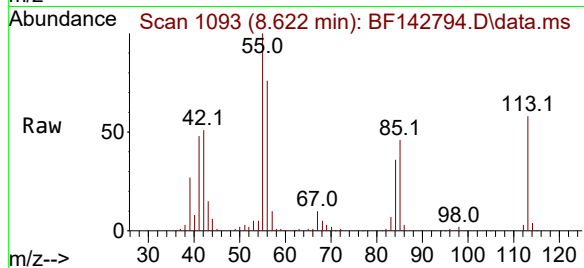




#35
Caprolactam
Concen: 61.157 ng
RT: 8.622 min Scan# 1109
Delta R.T. 0.018 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

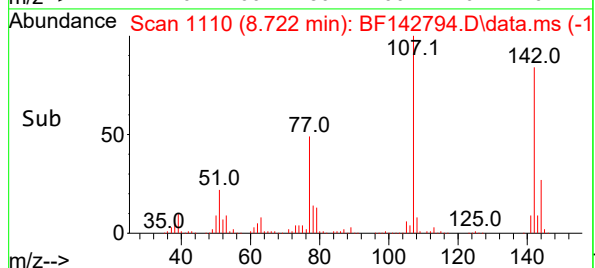
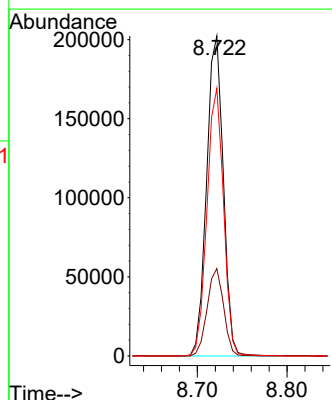
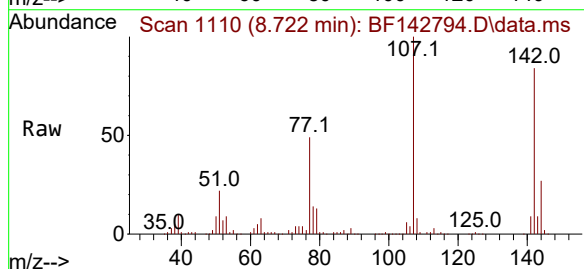
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

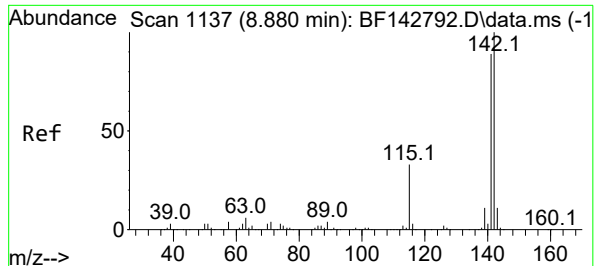
Tgt Ion:113 Resp: 73108
Ion Ratio Lower Upper
113 100
55 172.2 154.4 194.4
56 130.3 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 56.927 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:107 Resp: 261249
Ion Ratio Lower Upper
107 100
144 27.3 21.3 31.9
142 83.6 66.6 100.0

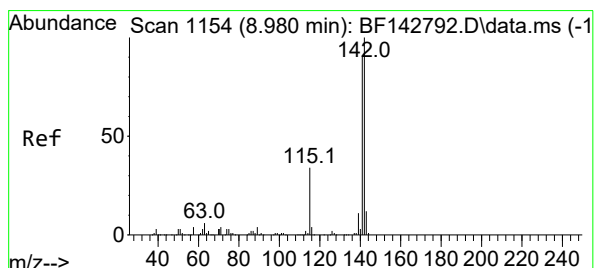
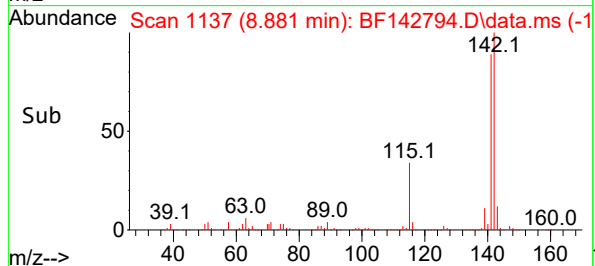
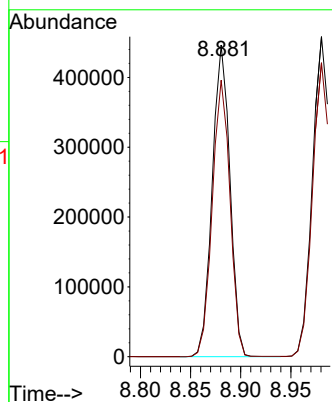
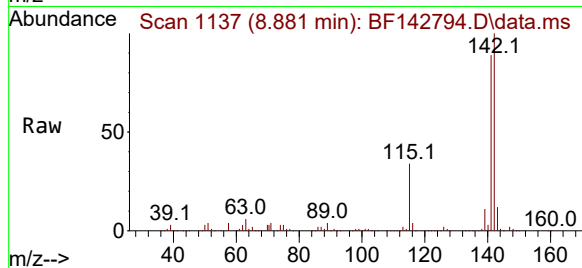




#37
2-Methylnaphthalene
Concen: 56.406 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

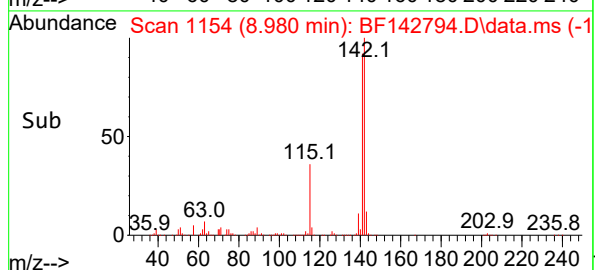
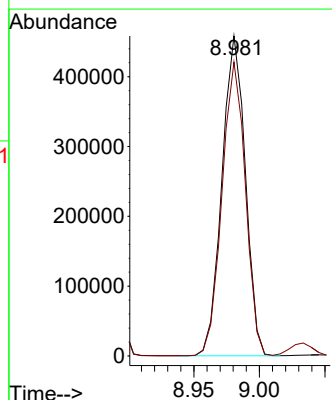
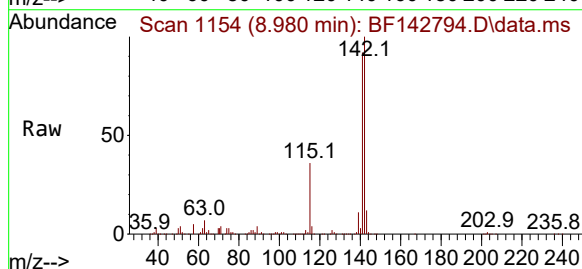
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

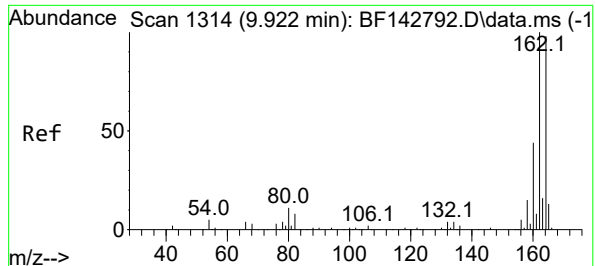
Tgt Ion:142 Resp: 548439
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#38
1-Methylnaphthalene
Concen: 56.247 ng
RT: 8.980 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:142 Resp: 567801
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1115

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

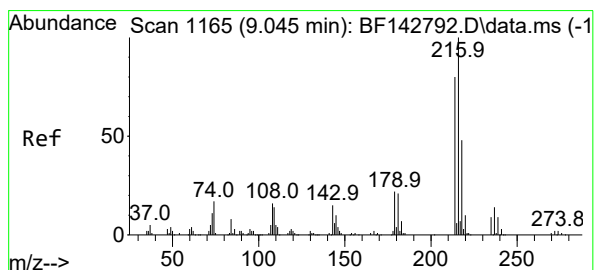
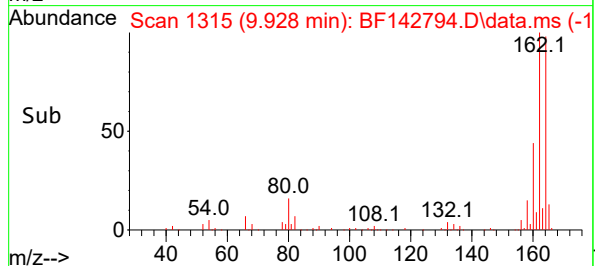
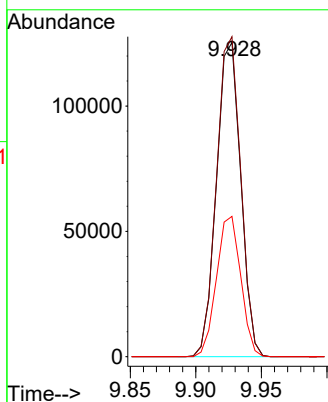
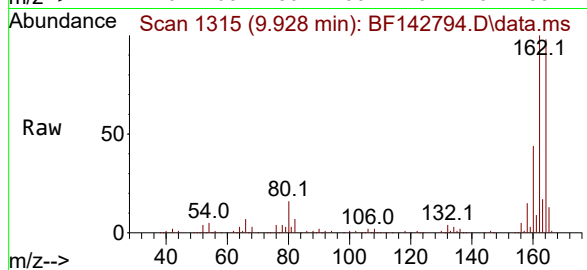
Tgt Ion:164 Resp: 161044

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.8

160 44.7 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.918 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Tgt Ion:216 Resp: 278551

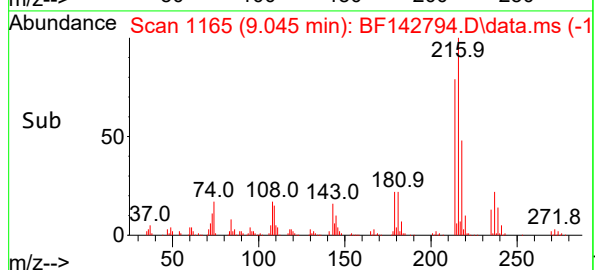
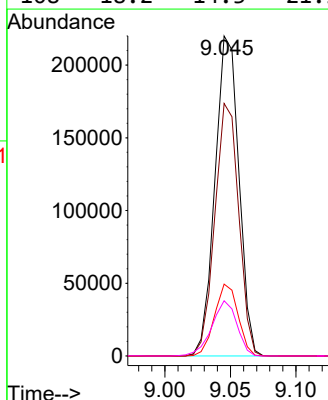
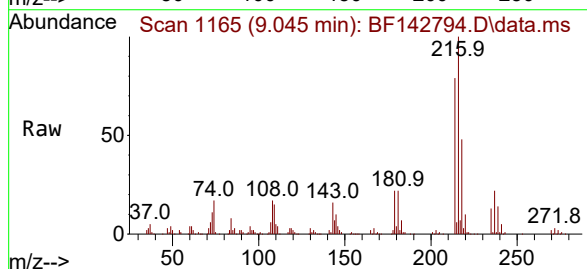
Ion Ratio Lower Upper

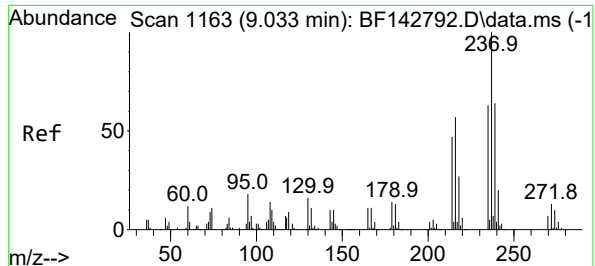
216 100

214 78.8 63.7 95.5

179 22.1 17.6 26.4

108 18.2 14.3 21.5

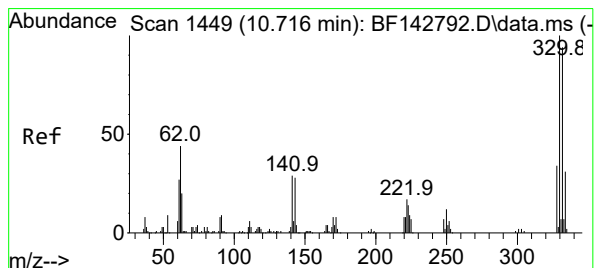
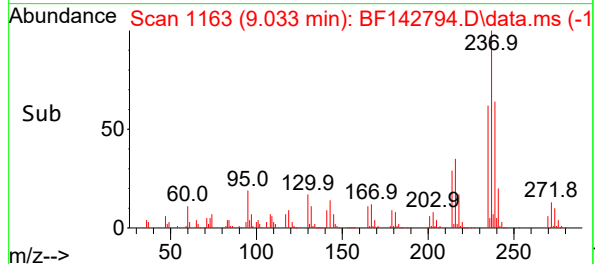
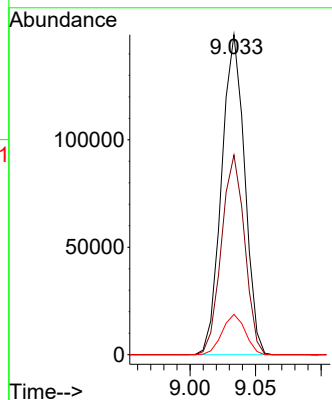
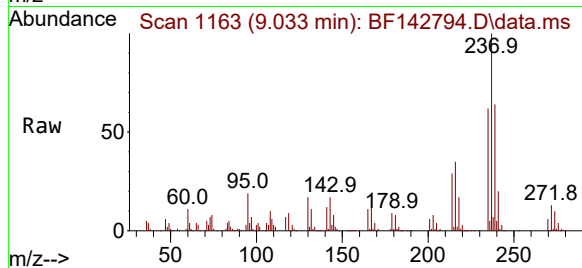




#41
Hexachlorocyclopentadiene
Concen: 61.835 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

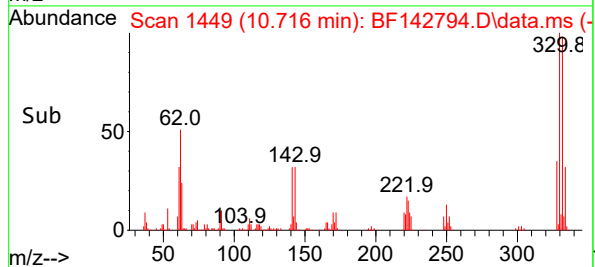
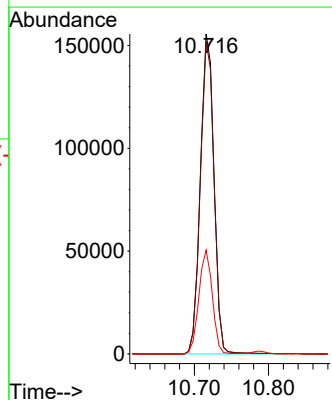
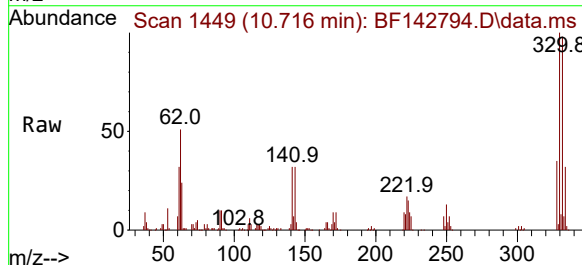
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

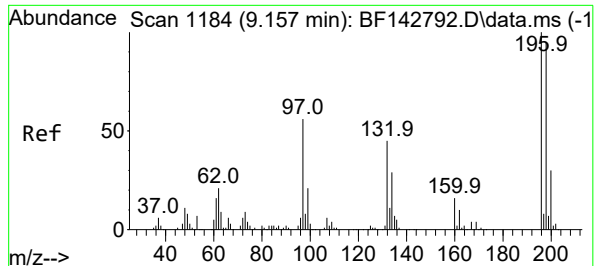
Tgt Ion:237 Resp: 181771
Ion Ratio Lower Upper
237 100
235 62.4 43.4 83.4
272 12.6 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 113.541 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:330 Resp: 198721
Ion Ratio Lower Upper
330 100
332 98.3 75.0 112.6
141 32.0 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 62.392 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

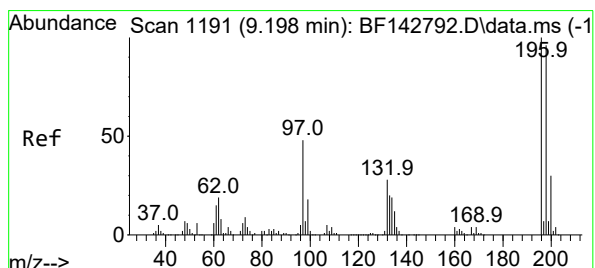
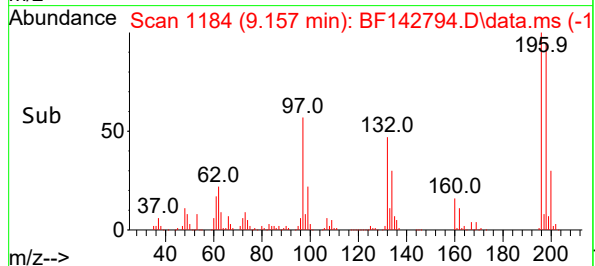
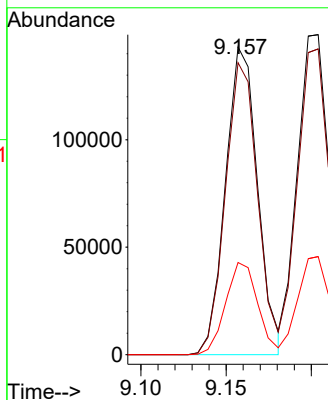
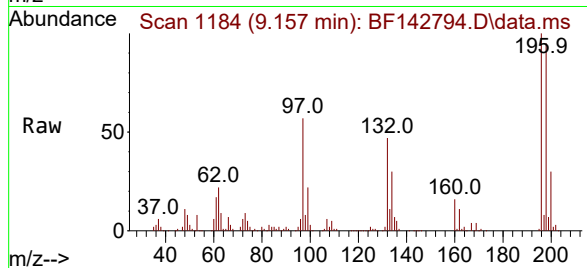
Tgt Ion:196 Resp: 187708

Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.2

200 29.9 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 60.565 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Tgt Ion:196 Resp: 196769

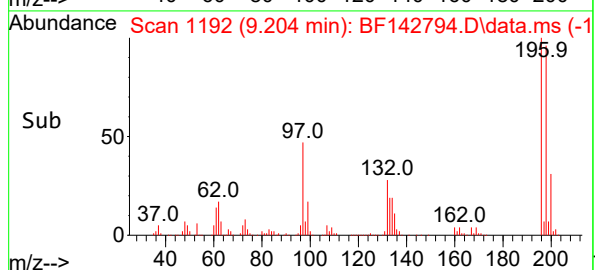
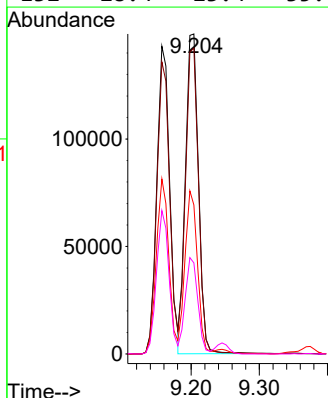
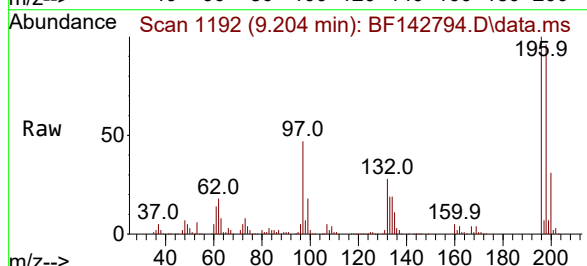
Ion Ratio Lower Upper

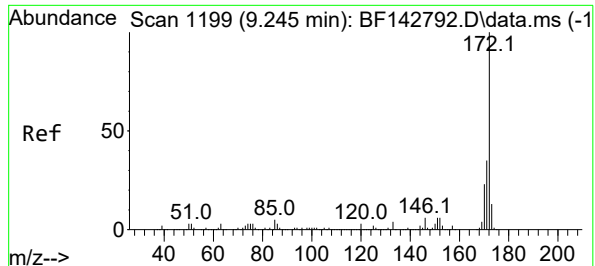
196 100

198 95.6 76.6 115.0

97 46.6 38.2 57.2

132 28.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 112.392 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

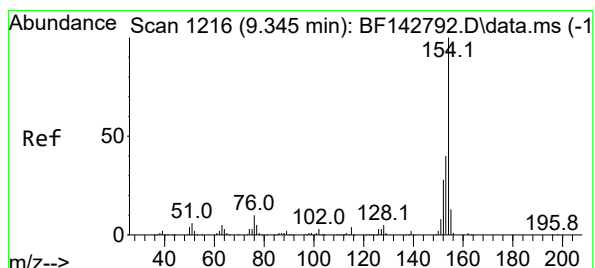
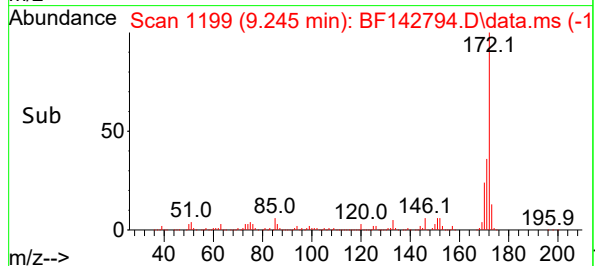
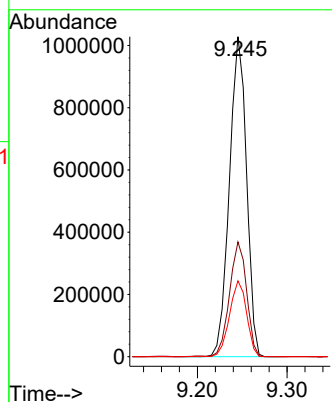
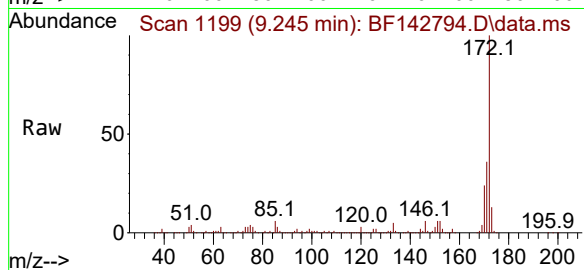
Tgt Ion:172 Resp: 1360586

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.4

170 23.7 18.5 27.7



#46

1,1'-Biphenyl

Concen: 58.937 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

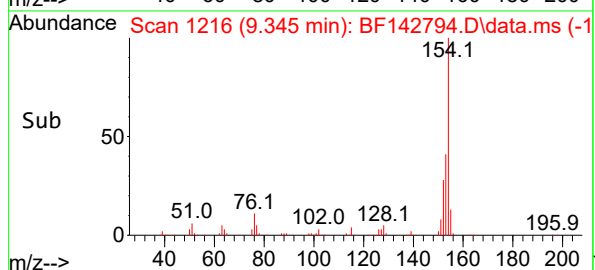
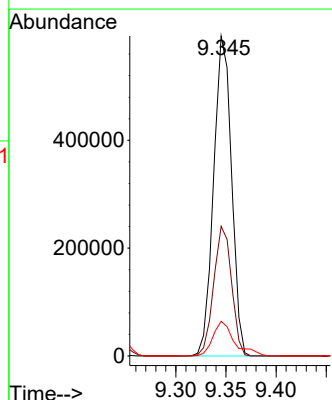
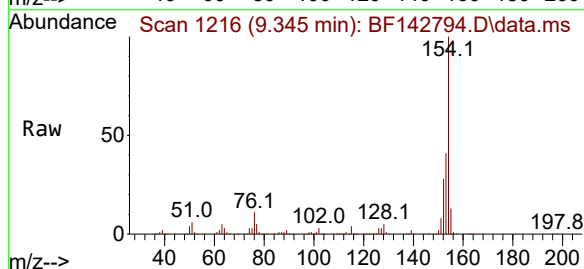
Tgt Ion:154 Resp: 736970

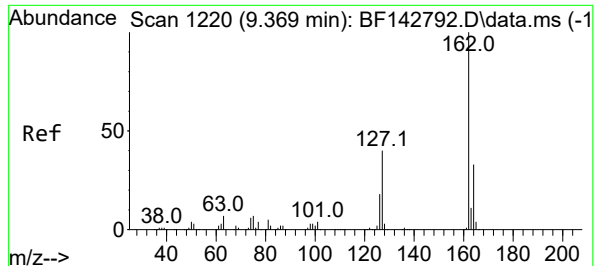
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 10.9 0.0 30.3





#47

2-Chloronaphthalene

Concen: 59.966 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

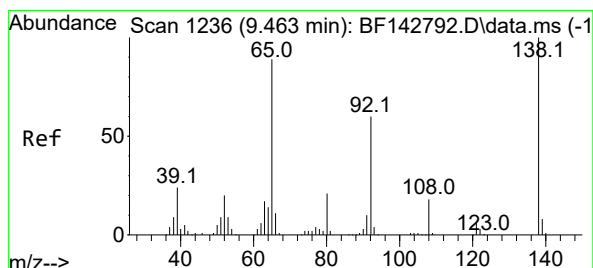
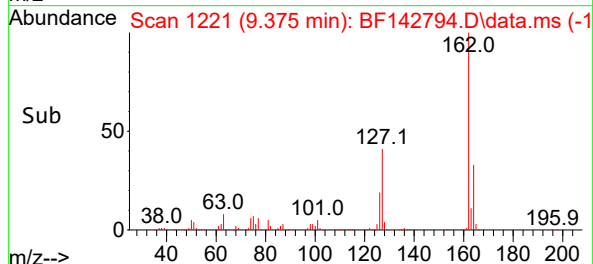
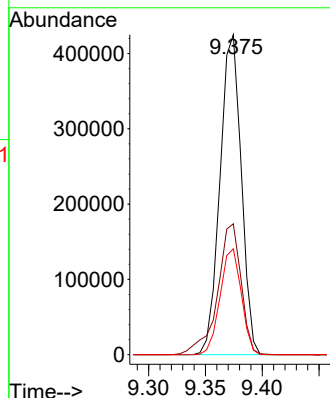
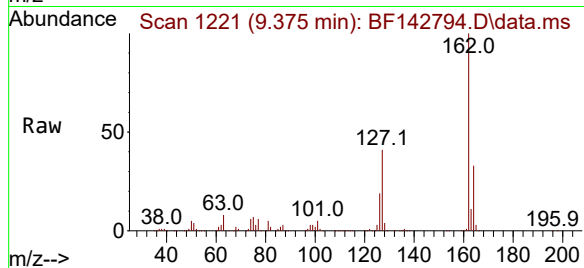
Tgt Ion:162 Resp: 553304

Ion Ratio Lower Upper

162 100

127 40.9 32.2 48.2

164 33.1 26.1 39.1



#48

2-Nitroaniline

Concen: 62.067 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

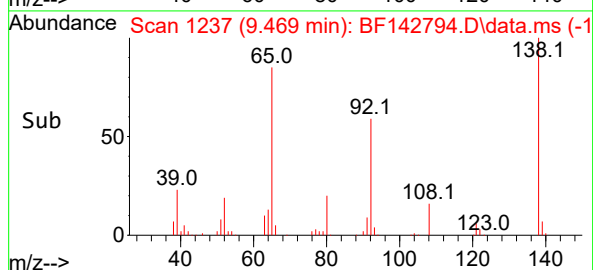
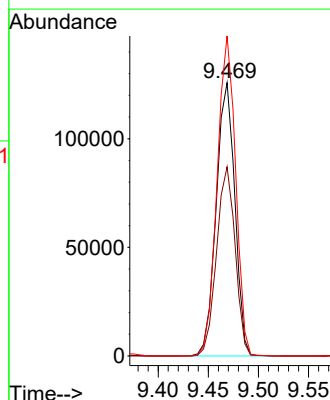
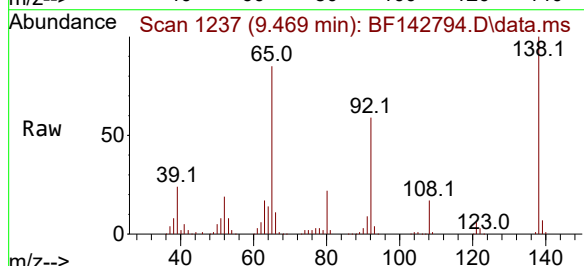
Tgt Ion: 65 Resp: 162701

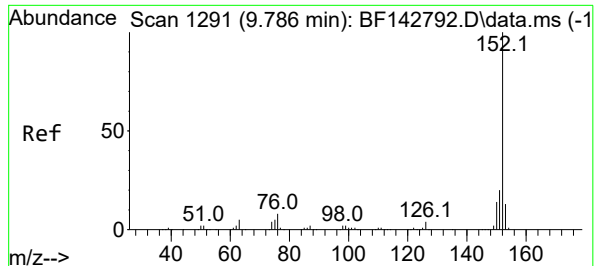
Ion Ratio Lower Upper

65 100

92 69.2 53.8 80.6

138 117.1 89.6 134.4





#49

Acenaphthylene

Concen: 58.892 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

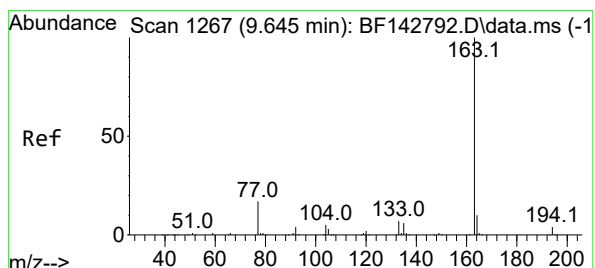
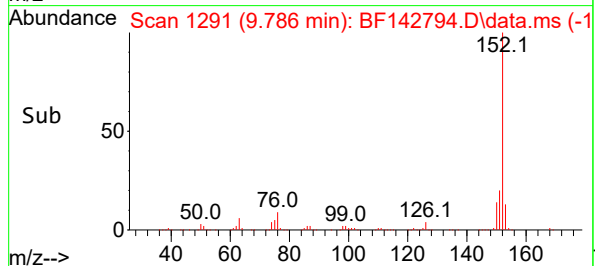
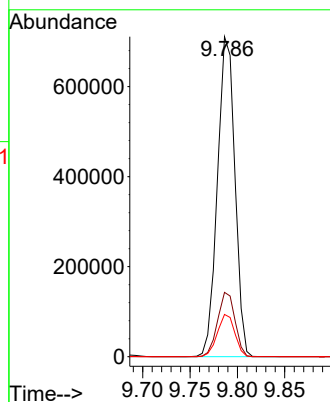
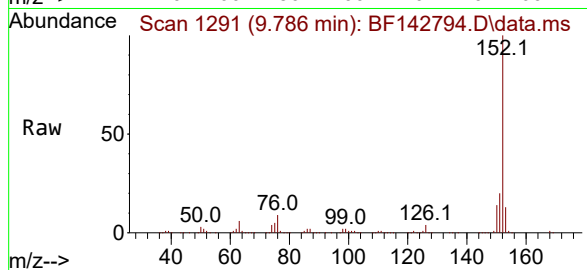
Tgt Ion:152 Resp: 913540

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 57.767 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

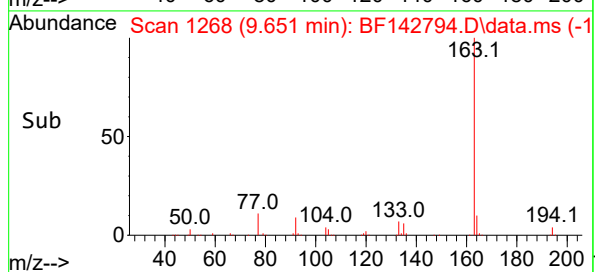
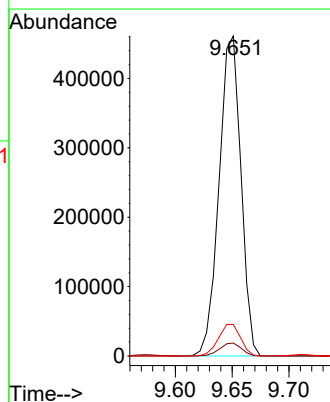
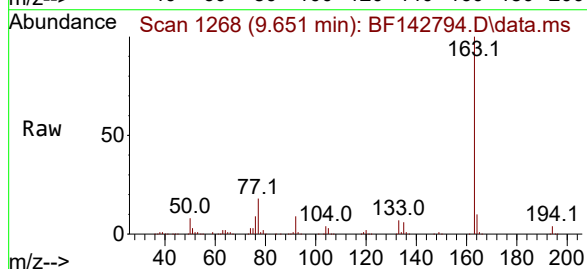
Tgt Ion:163 Resp: 617097

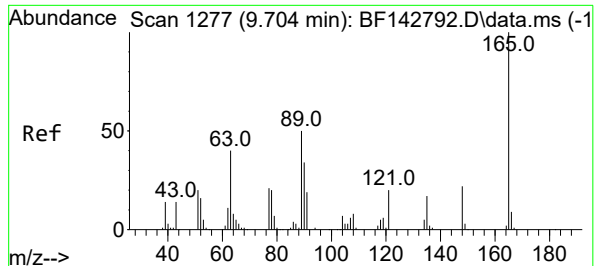
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.9 8.0 12.0

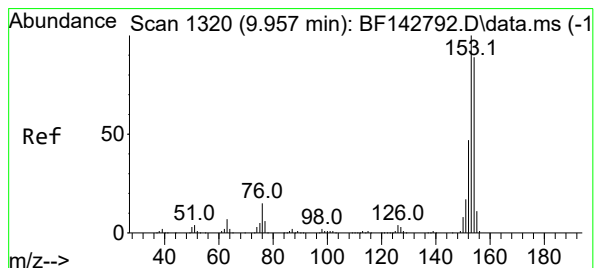
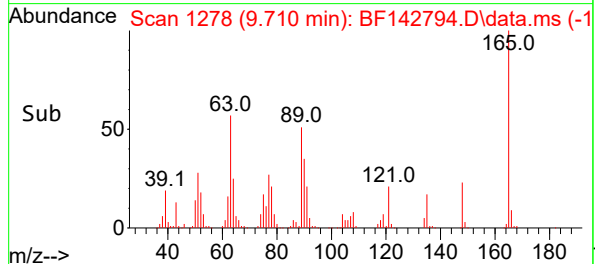
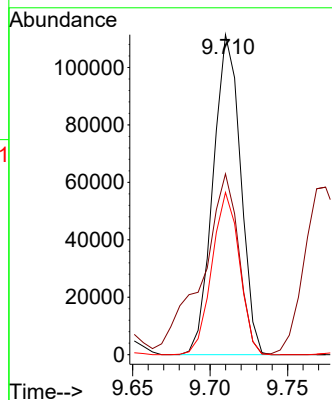
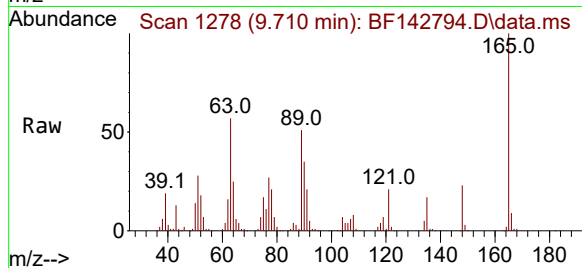




#51
2,6-Dinitrotoluene
Concen: 59.299 ng
RT: 9.710 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

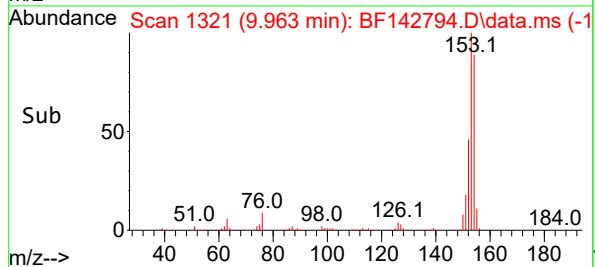
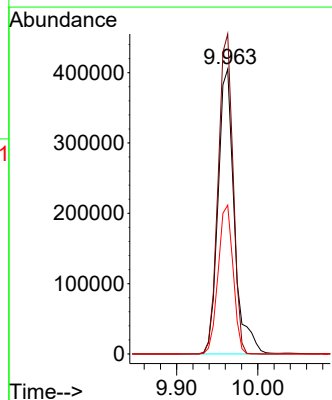
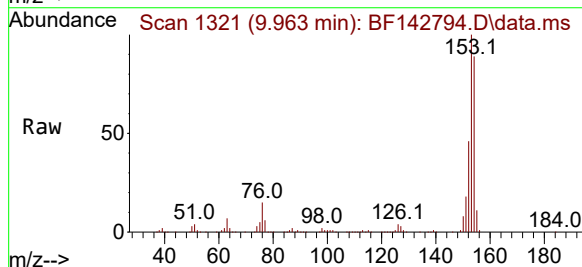
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

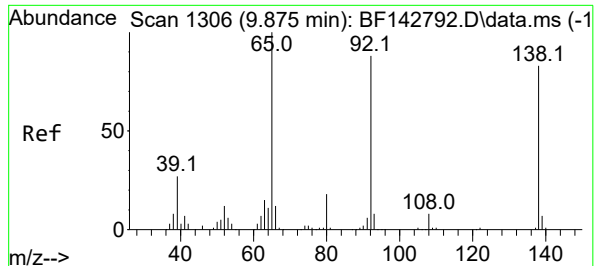
Tgt Ion:165 Resp: 137318
Ion Ratio Lower Upper
165 100
63 56.5 44.2 66.4
89 50.7 39.8 59.8



#52
Acenaphthene
Concen: 58.980 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:154 Resp: 566138
Ion Ratio Lower Upper
154 100
153 112.4 90.0 135.0
152 52.2 41.9 62.9





#53

3-Nitroaniline

Concen: 61.386 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

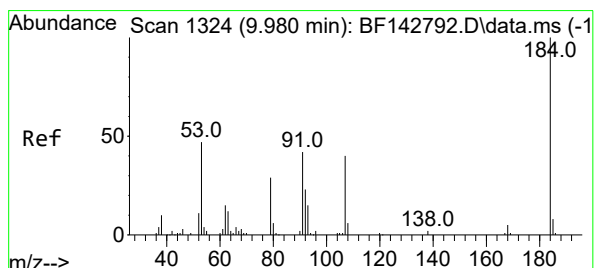
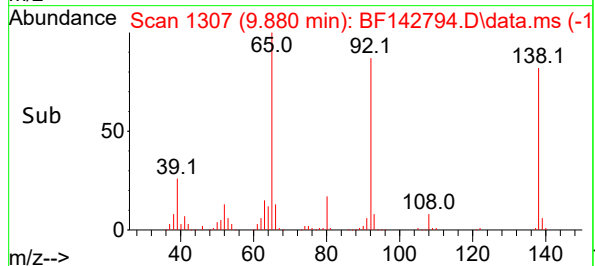
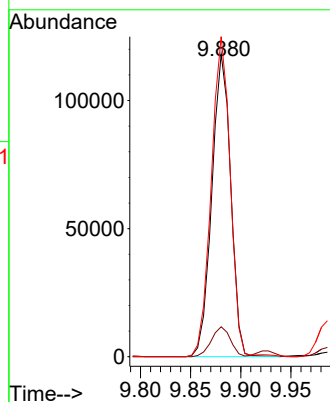
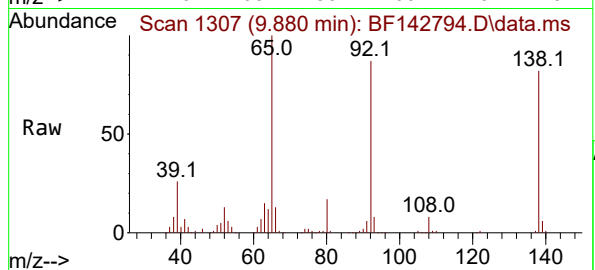
Tgt Ion:138 Resp: 154402

Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

92 105.7 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 62.843 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

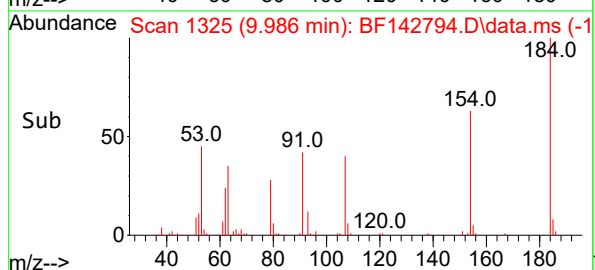
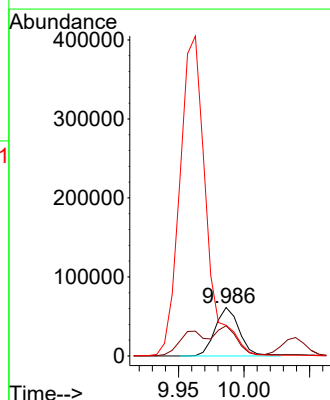
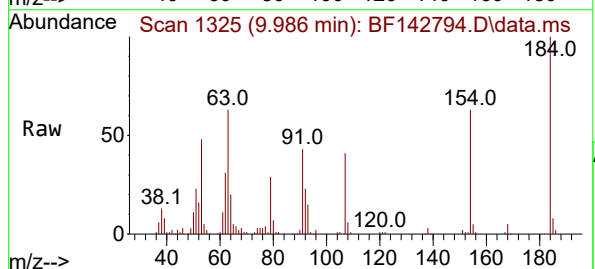
Tgt Ion:184 Resp: 78750

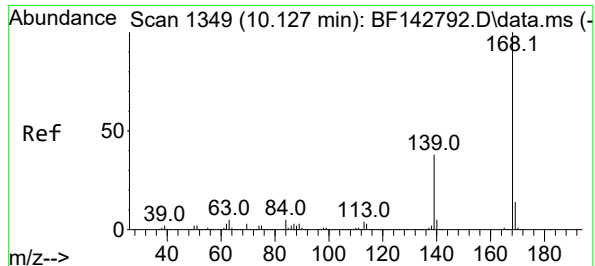
Ion Ratio Lower Upper

184 100

63 62.6 50.6 75.8

154 63.4 51.8 77.8





#55

Dibenzenofuran

Concen: 58.567 ng

RT: 10.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

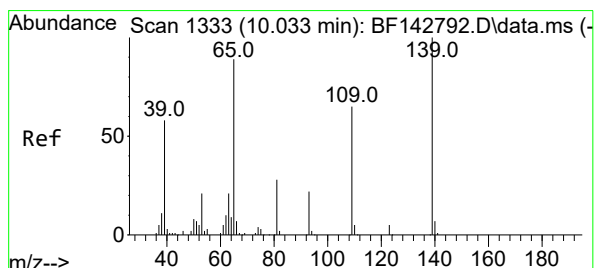
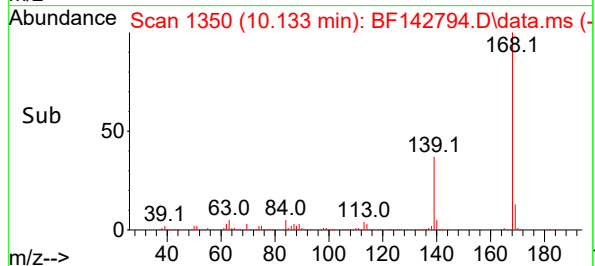
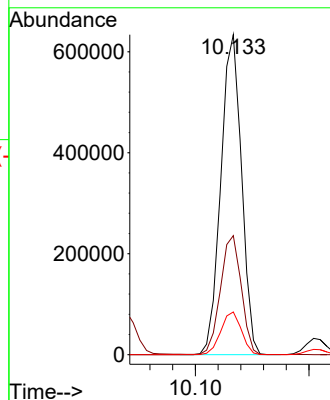
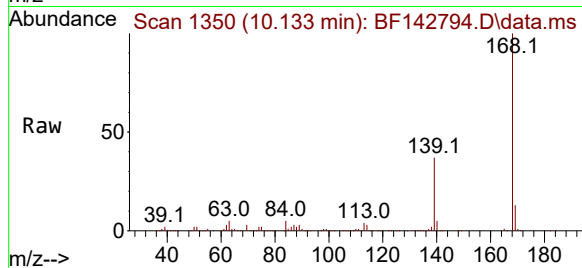
Tgt Ion:168 Resp: 802087

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.4

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 64.811 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

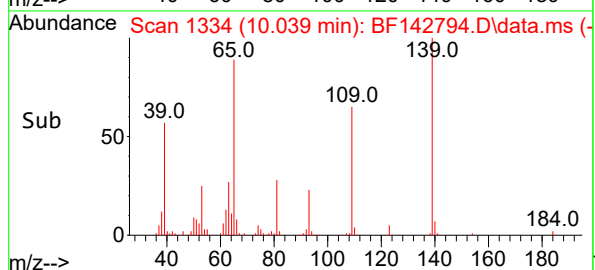
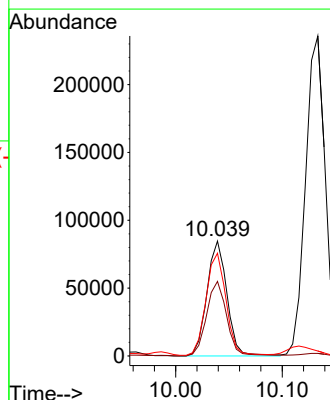
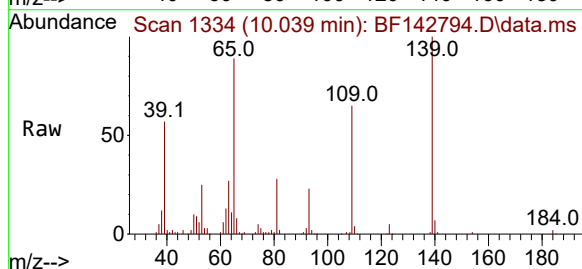
Tgt Ion:139 Resp: 110658

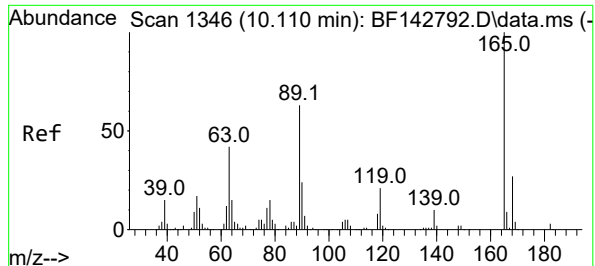
Ion Ratio Lower Upper

139 100

109 64.8 44.7 84.7

65 89.3 69.8 109.8

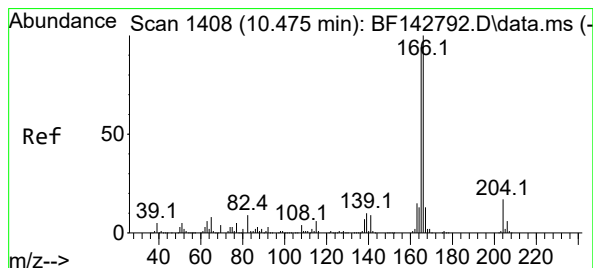
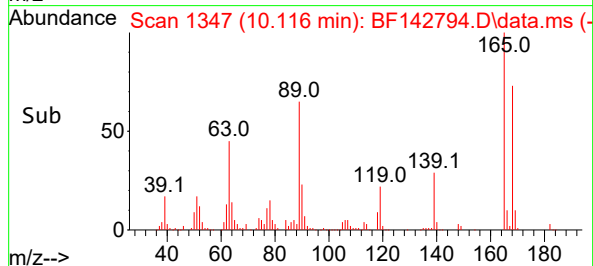
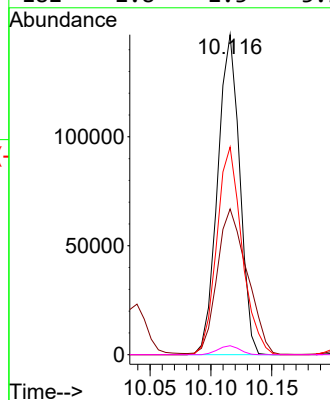
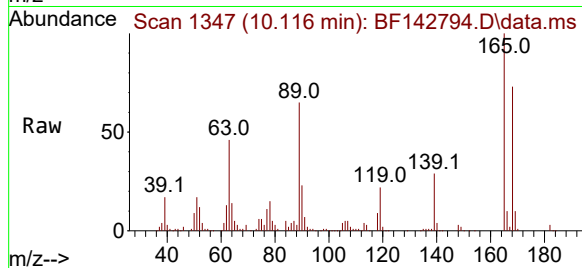




#57
2,4-Dinitrotoluene
Concen: 60.367 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

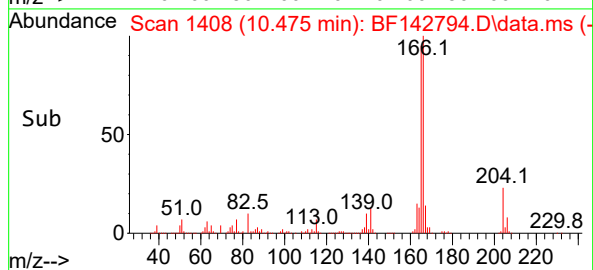
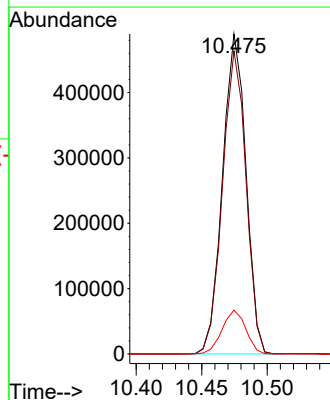
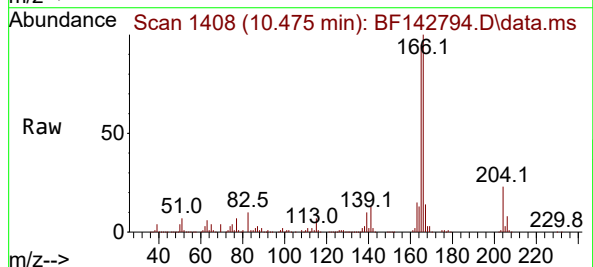
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

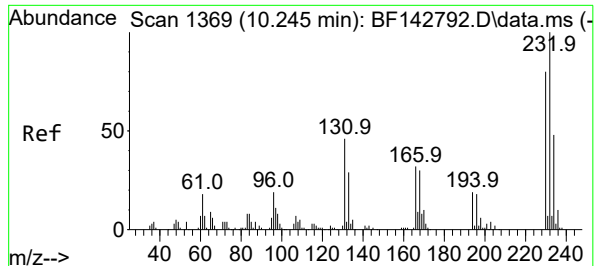
Tgt Ion:165 Resp: 184840
Ion Ratio Lower Upper
165 100
63 45.6 33.9 50.9
89 64.9 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 56.322 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:166 Resp: 608786
Ion Ratio Lower Upper
166 100
165 94.7 75.2 112.8
167 13.7 10.6 15.8

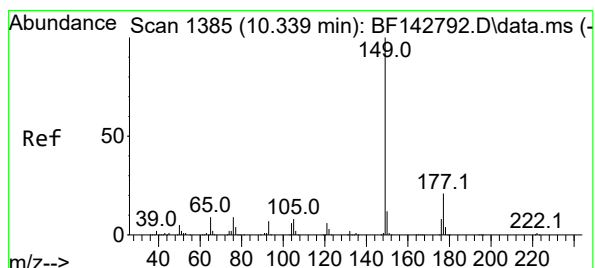
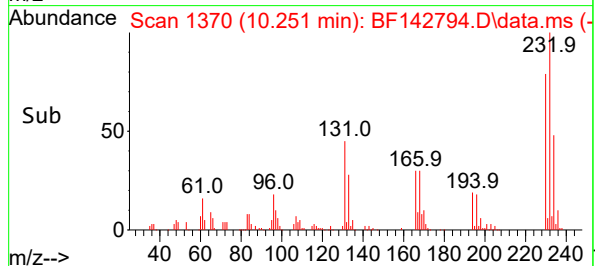
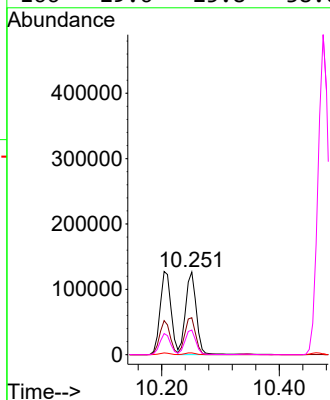
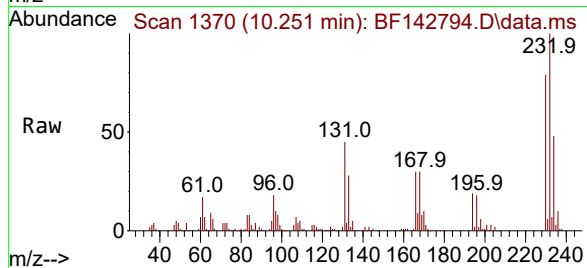




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.739 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

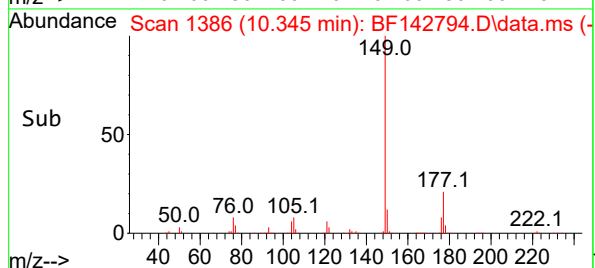
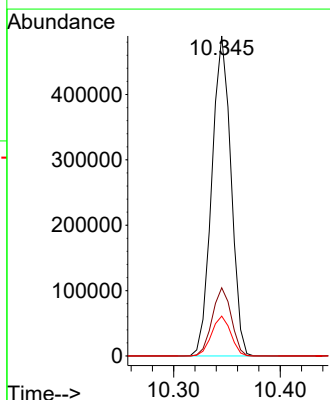
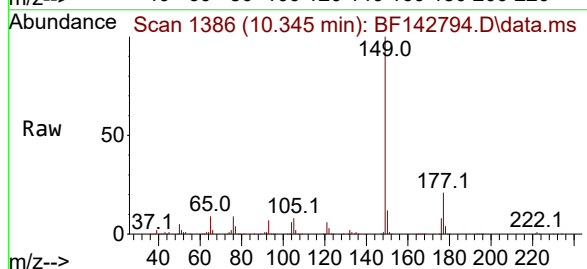
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

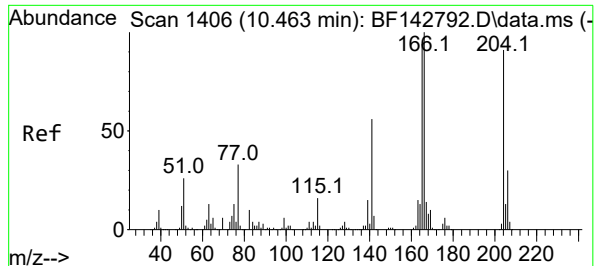
Tgt Ion:232 Resp: 159997
Ion Ratio Lower Upper
232 100
131 45.6 37.6 56.4
130 2.2 1.7 2.5
166 29.6 25.8 38.6



#60
Diethylphthalate
Concen: 57.662 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:149 Resp: 611873
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.5 9.8 14.6

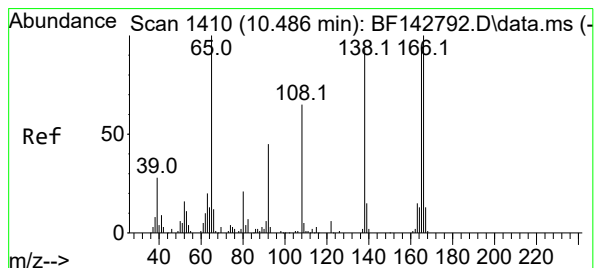
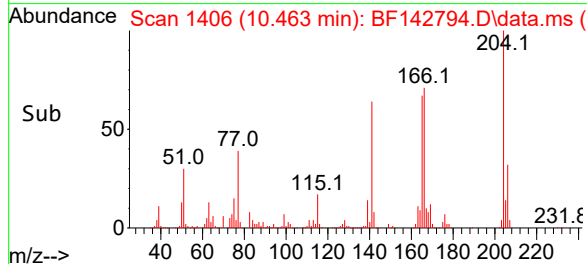
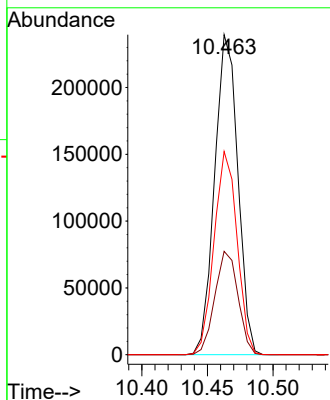
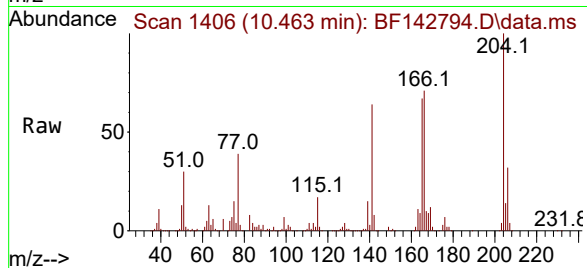




#61
4-Chlorophenyl-phenylether
Concen: 56.089 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

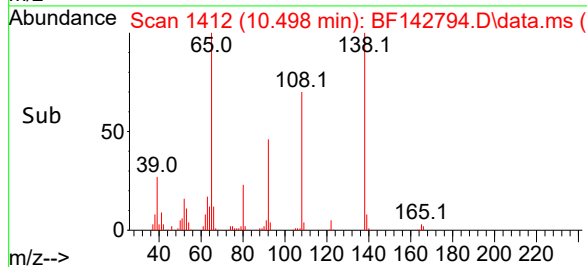
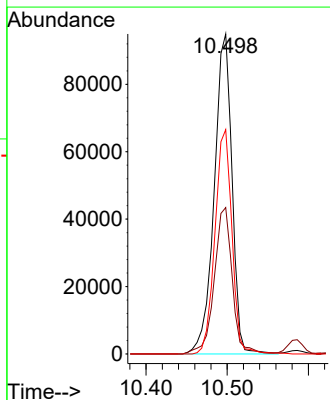
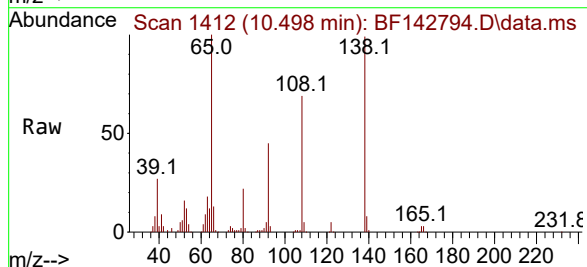
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

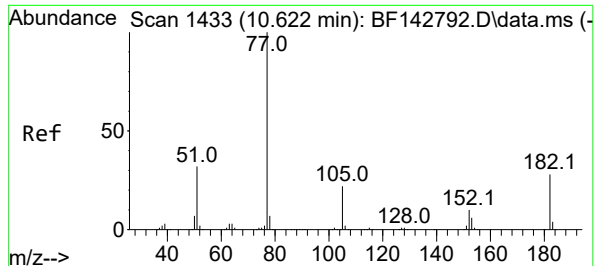
Tgt Ion:204 Resp: 294444
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 63.5 49.1 73.7



#62
4-Nitroaniline
Concen: 64.135 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:138 Resp: 144821
Ion Ratio Lower Upper
138 100
92 45.7 28.4 68.4
108 70.1 50.2 90.2

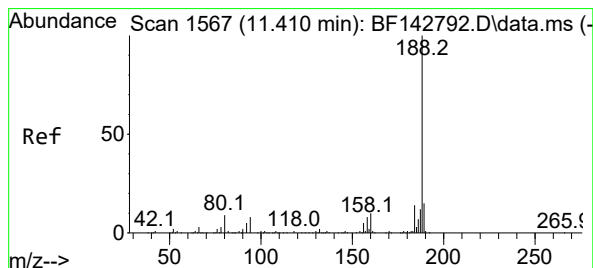
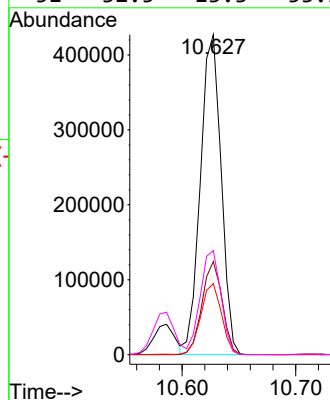
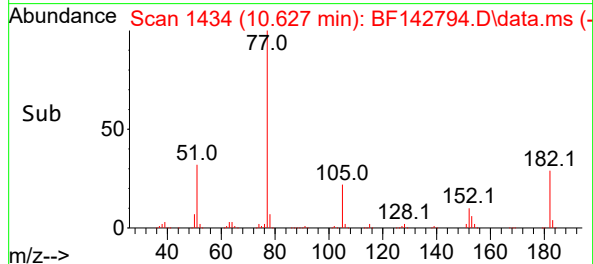
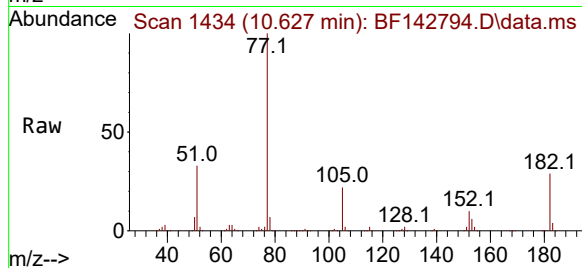




#63
Azobenzene
Concen: 58.460 ng
RT: 10.627 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

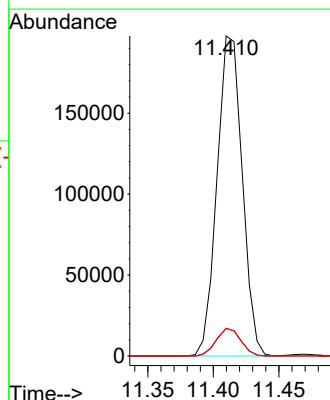
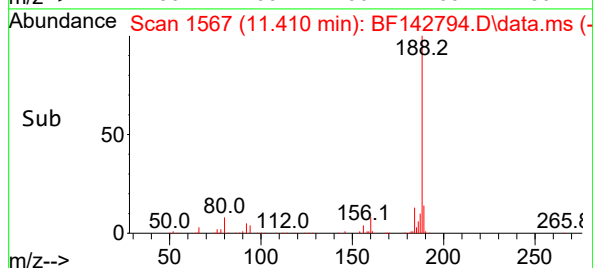
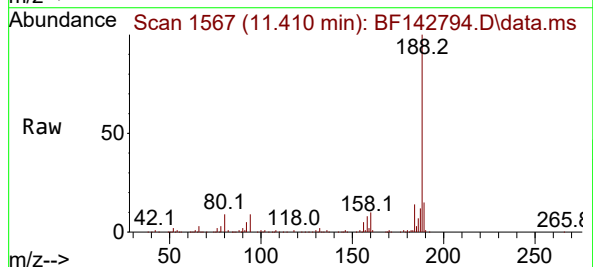
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

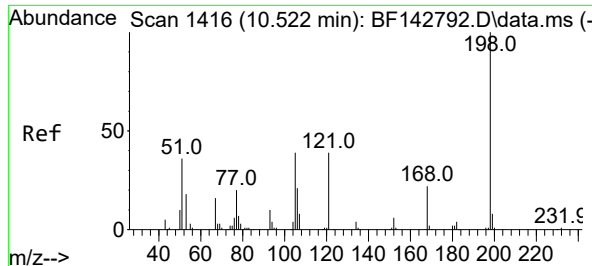
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	7.7	47.7
105	22.2	1.9	41.9
51	32.5	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	8.6	6.9	10.3

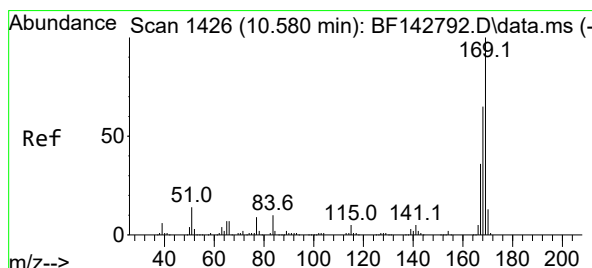
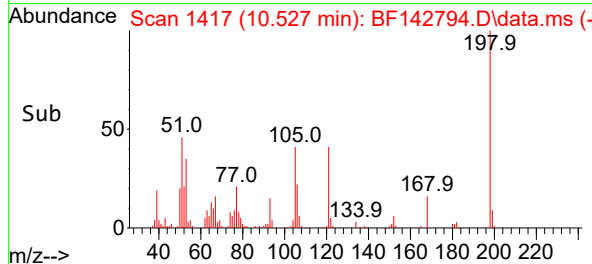
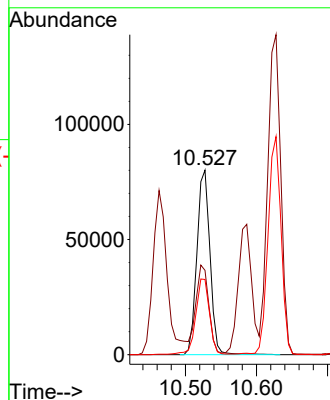
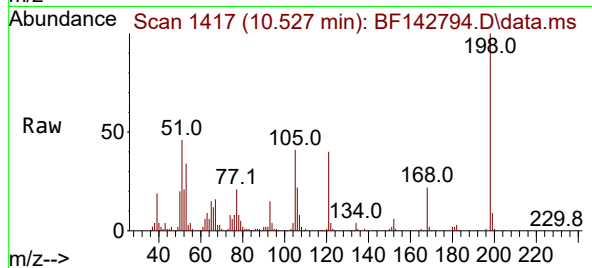




#65
4,6-Dinitro-2-methylphenol
Concen: 62.814 ng
RT: 10.527 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

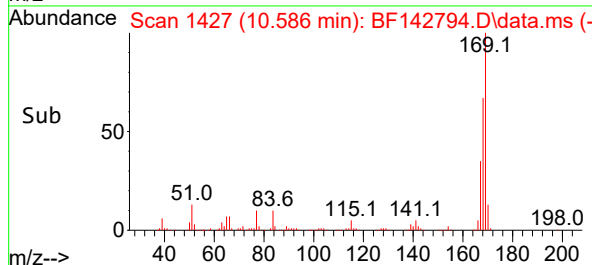
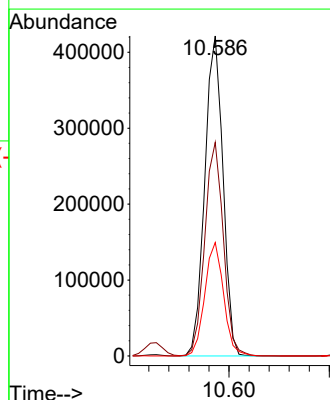
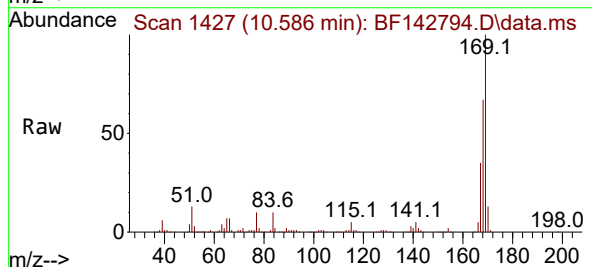
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

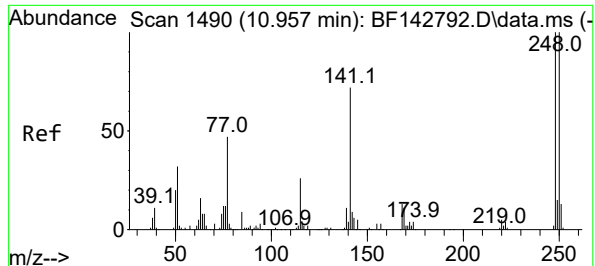
Tgt Ion:198 Resp: 103180
Ion Ratio Lower Upper
198 100
51 45.7 25.4 65.4
105 40.7 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 58.540 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:169 Resp: 531713
Ion Ratio Lower Upper
169 100
168 66.7 51.9 77.9
167 35.4 28.5 42.7

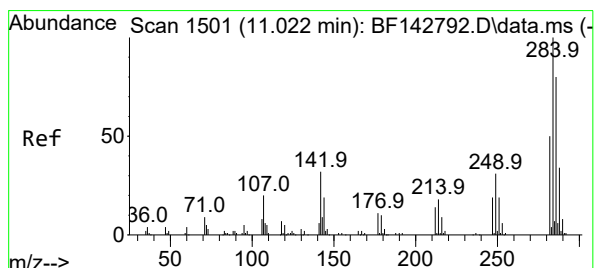
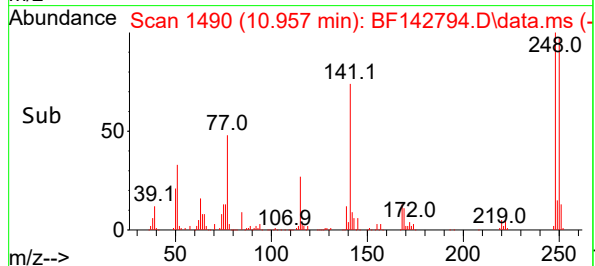
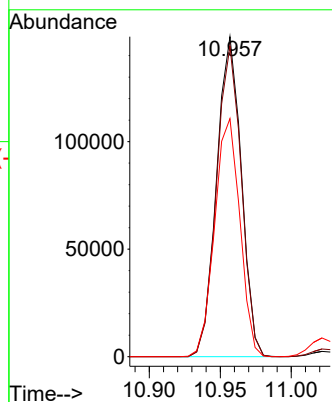
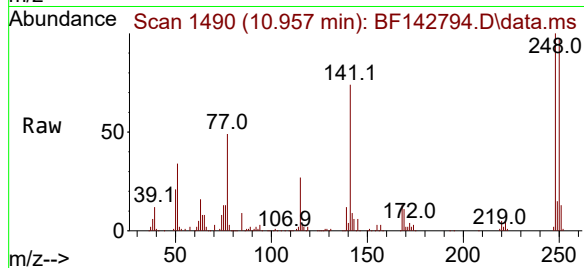




#67
4-Bromophenyl-phenylether
Concen: 58.311 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

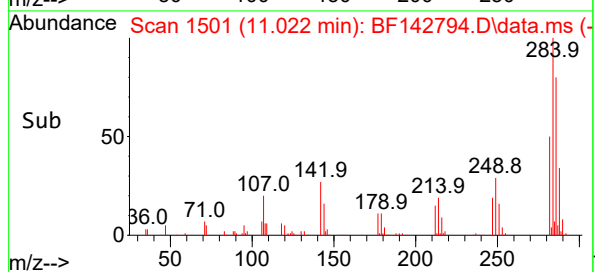
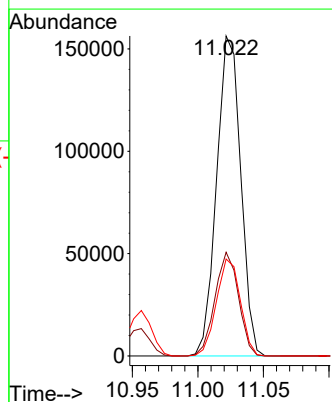
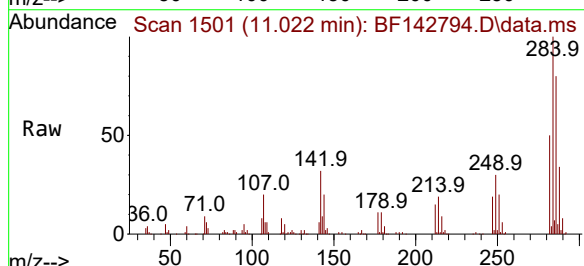
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

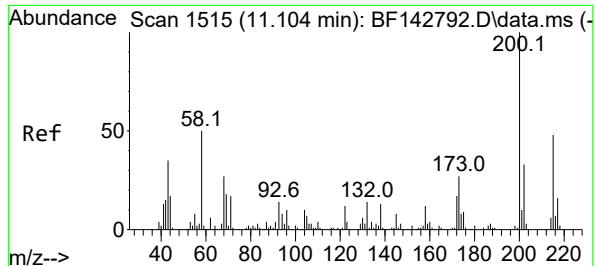
Tgt Ion:248 Resp: 180519
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 74.4 57.8 86.6



#68
Hexachlorobenzene
Concen: 58.041 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:284 Resp: 199479
Ion Ratio Lower Upper
284 100
142 32.4 25.5 38.3
249 30.3 24.9 37.3





#69

Atrazine

Concen: 60.075 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

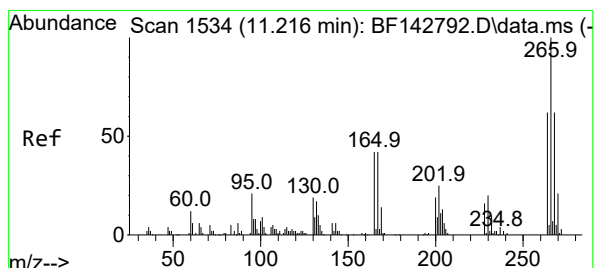
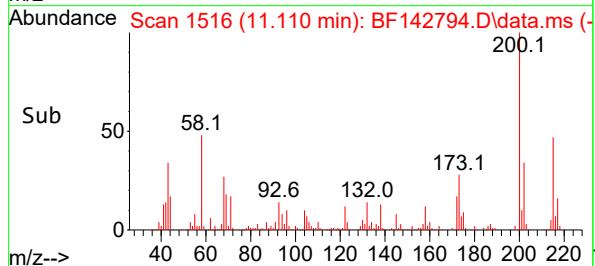
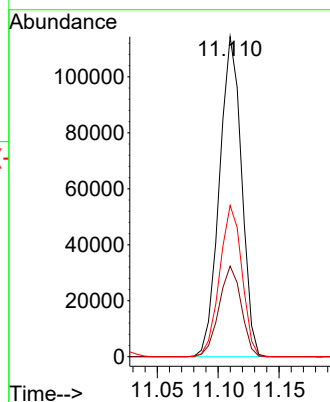
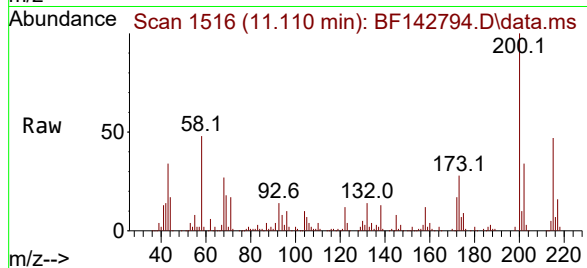
Tgt Ion:200 Resp: 144880

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

215 47.2 28.4 68.4



#70

Pentachlorophenol

Concen: 60.023 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

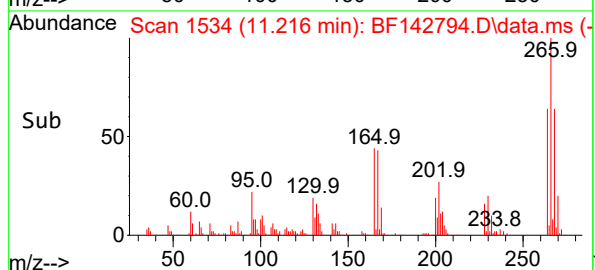
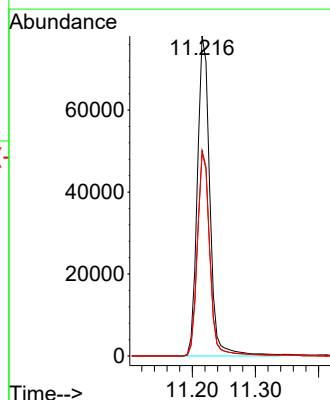
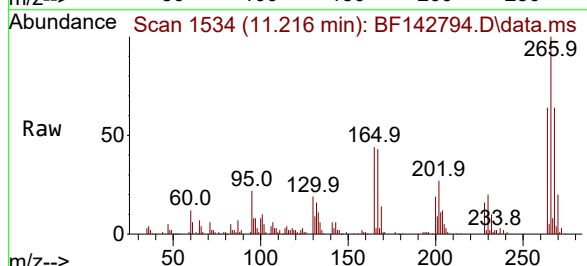
Tgt Ion:266 Resp: 107141

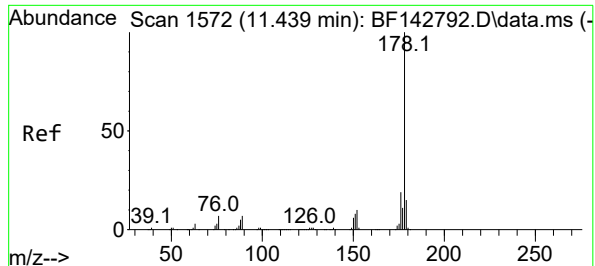
Ion Ratio Lower Upper

266 100

268 64.2 49.8 74.8

264 63.5 49.9 74.9

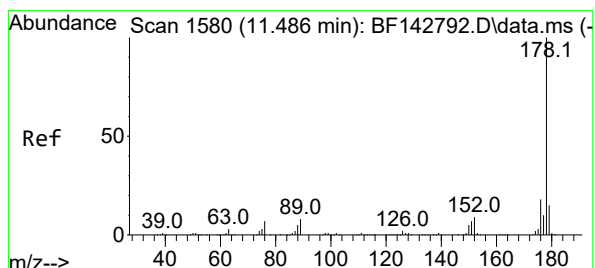
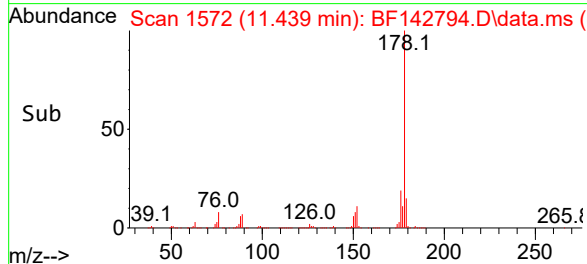
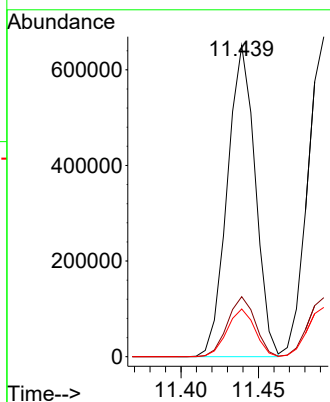
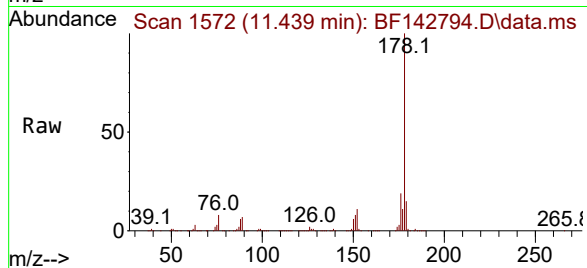




#71
Phenanthrene
Concen: 57.611 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

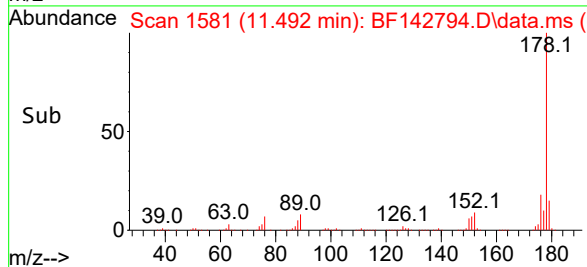
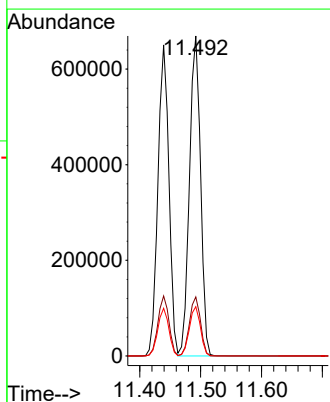
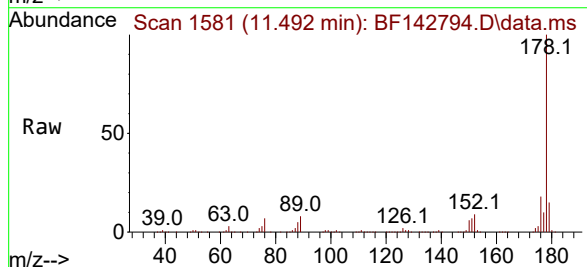
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

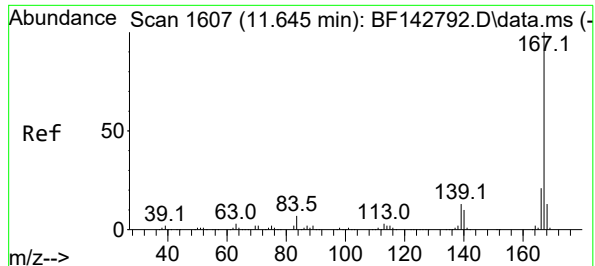
Tgt Ion:178 Resp: 815330
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 57.653 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

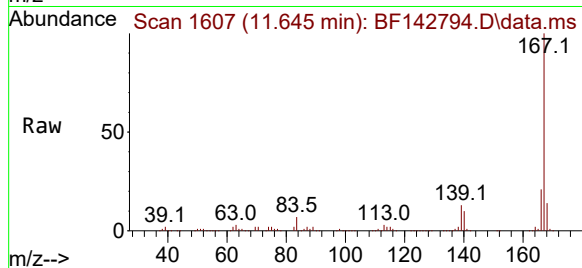
Tgt Ion:178 Resp: 844549
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.4 12.4 18.6



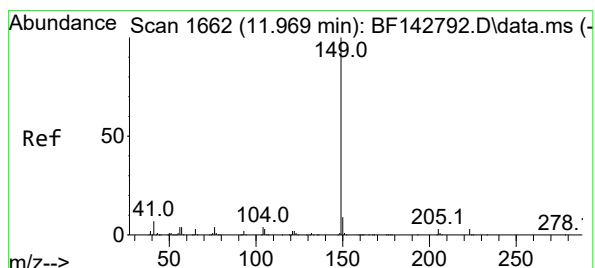
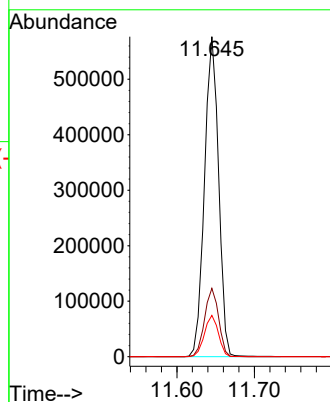
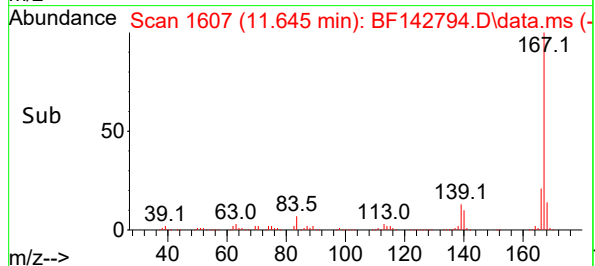


#73
Carbazole
Concen: 59.457 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

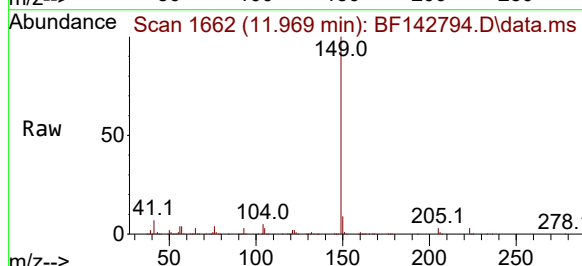
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



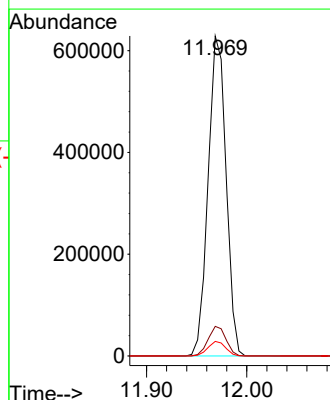
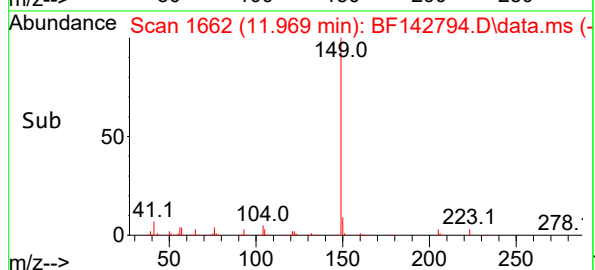
Tgt Ion:167 Resp: 729372
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 12.9 10.2 15.2

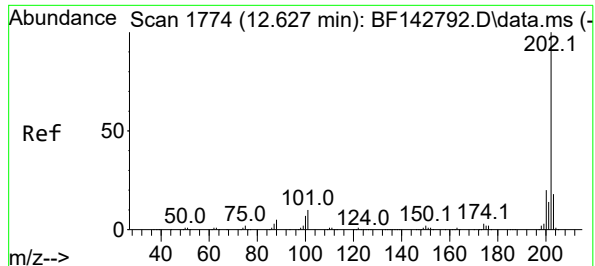


#74
Di-n-butylphthalate
Concen: 57.759 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10



Tgt Ion:149 Resp: 784514
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.6 3.5 5.3

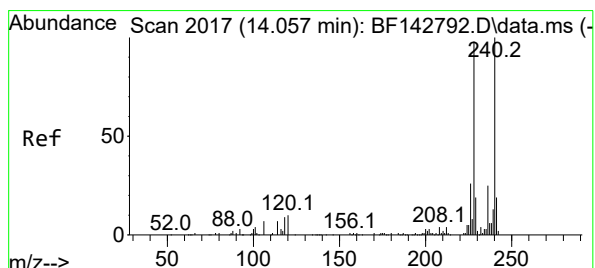
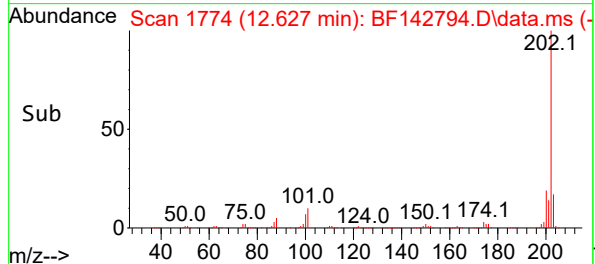
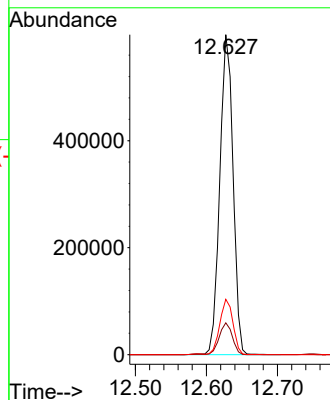
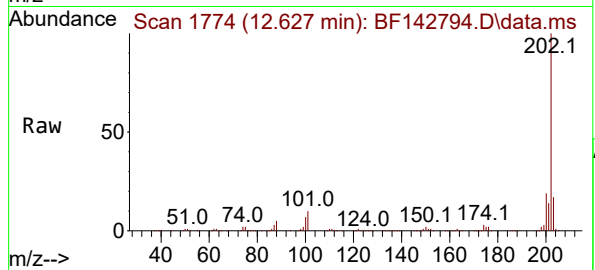




#75
Fluoranthene
Concen: 57.300 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

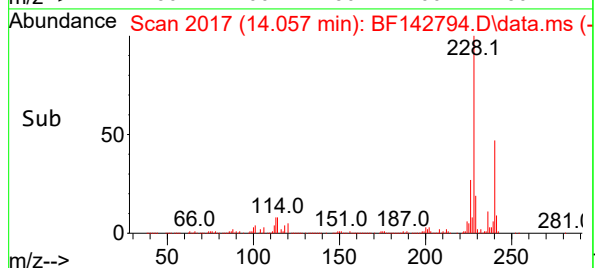
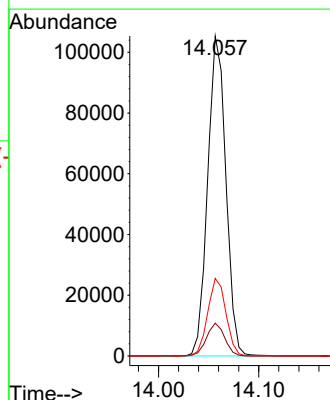
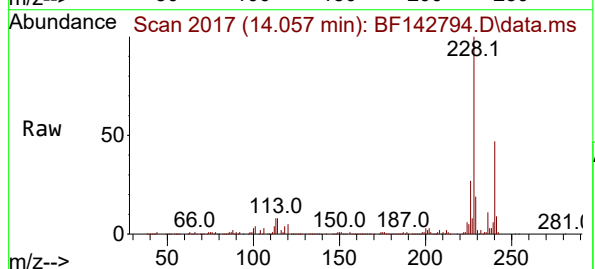
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

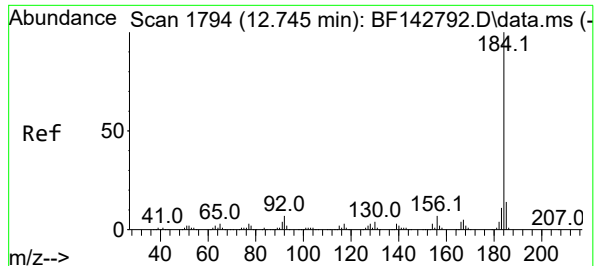
Tgt Ion:202 Resp: 770481
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.7
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:240 Resp: 133196
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 24.2 19.8 29.8

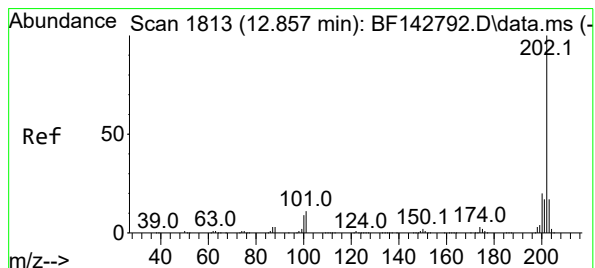
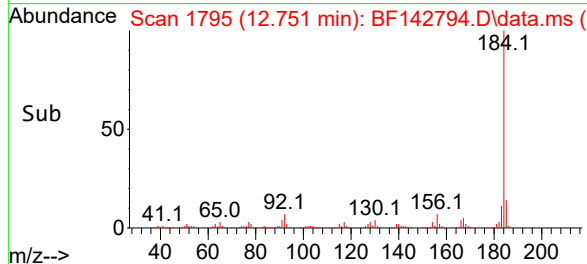
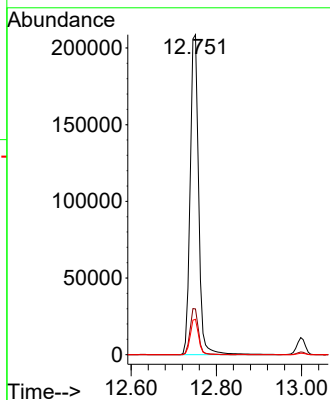
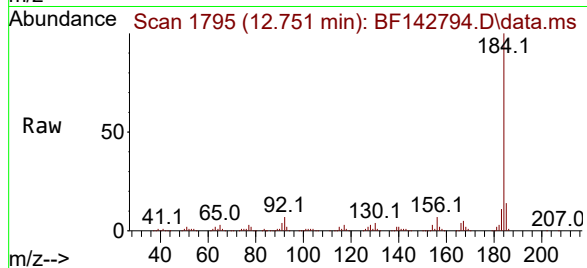




#77
Benzidine
Concen: 60.916 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

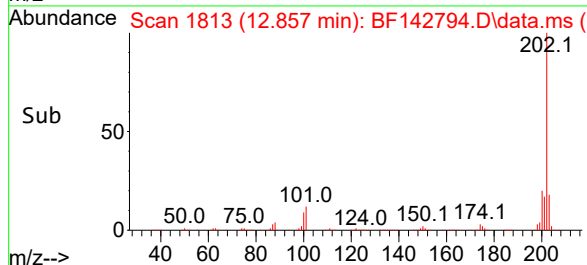
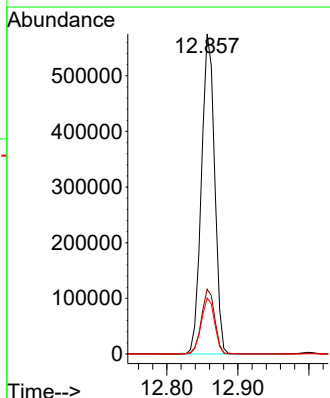
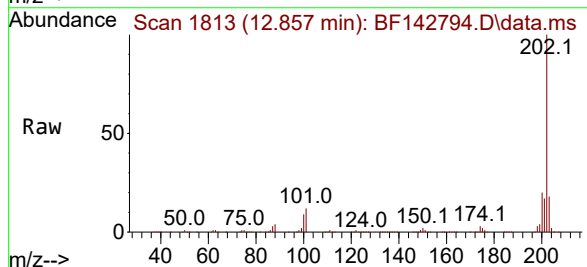
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

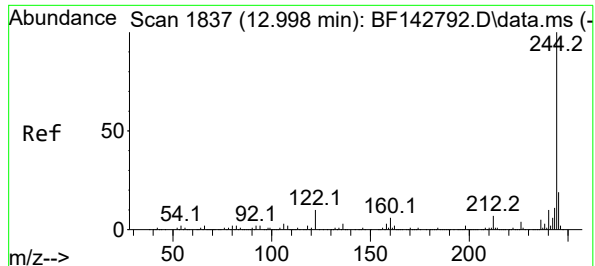
Tgt Ion:184 Resp: 287238
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.1 9.0 13.4



#78
Pyrene
Concen: 60.812 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:202 Resp: 744567
Ion Ratio Lower Upper
202 100
200 20.2 15.7 23.5
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 115.747 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

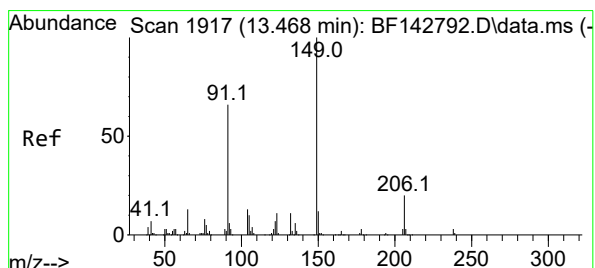
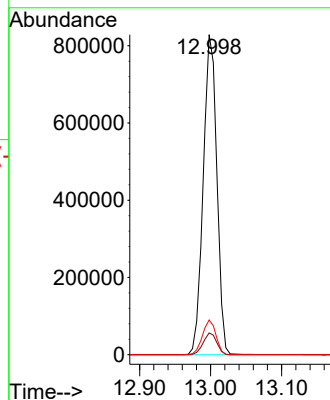
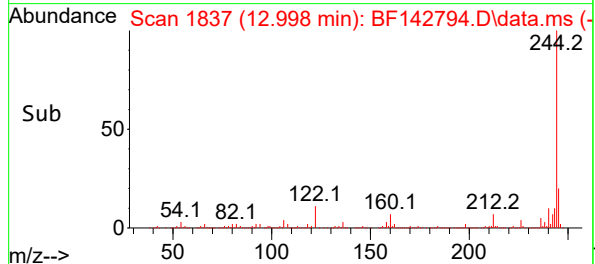
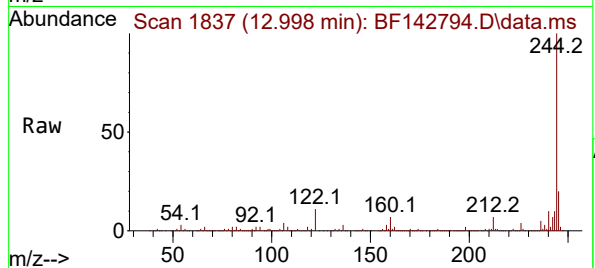
Tgt Ion:244 Resp: 1107704

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 65.755 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

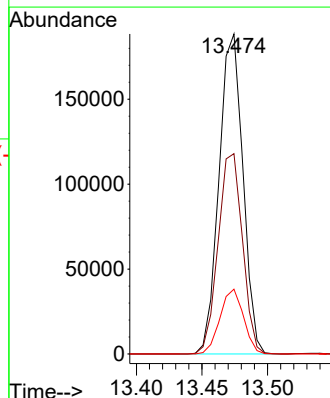
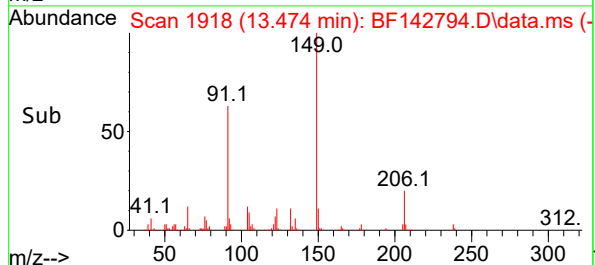
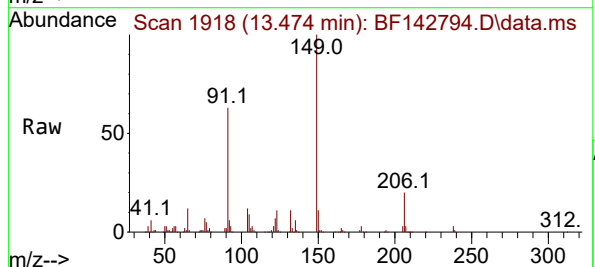
Tgt Ion:149 Resp: 238584

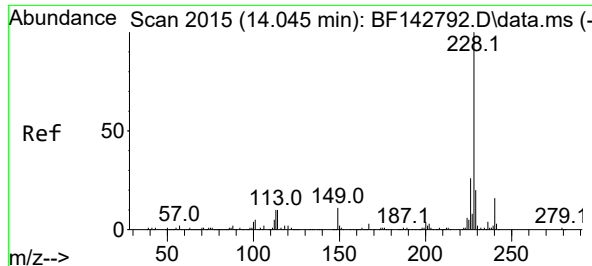
Ion Ratio Lower Upper

149 100

91 62.6 52.9 79.3

206 20.2 16.3 24.5

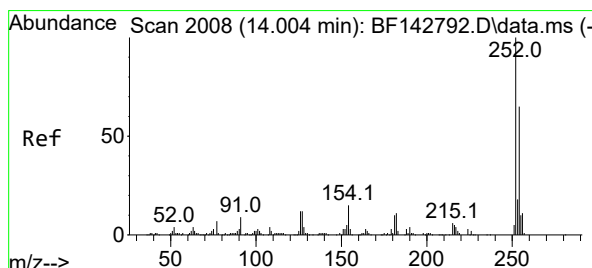
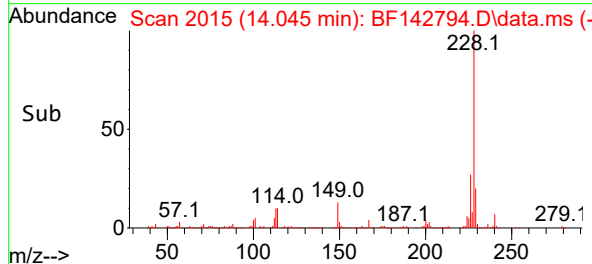
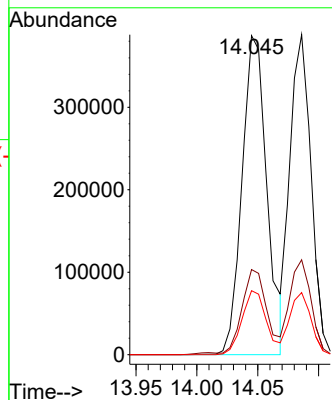
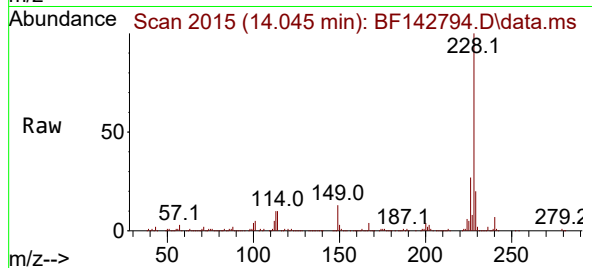




#81
Benzo(a)anthracene
Concen: 62.892 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

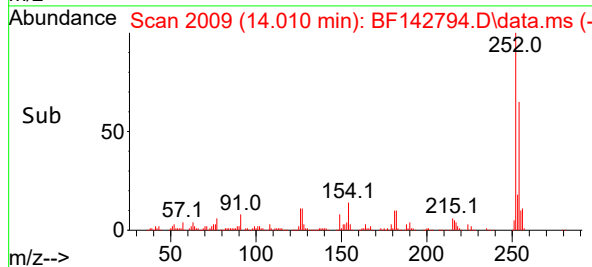
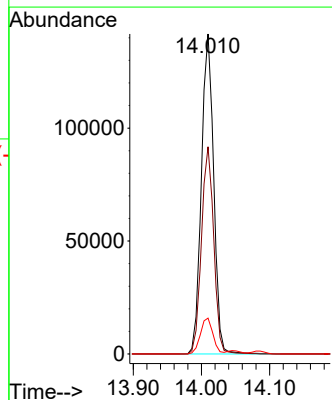
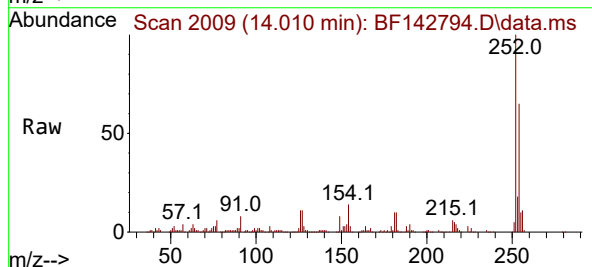
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

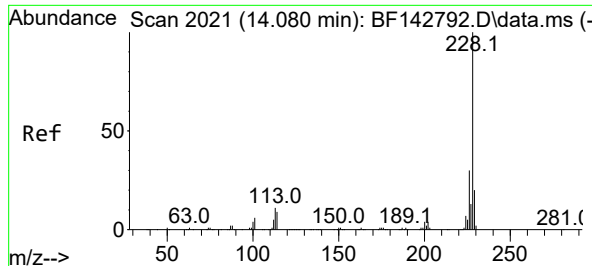
Tgt Ion:228 Resp: 550008
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 20.0 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 62.787 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:252 Resp: 177798
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 11.2 9.4 14.2





#83

Chrysene

Concen: 57.743 ng

RT: 14.086 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

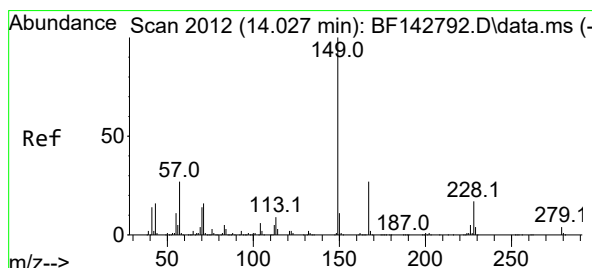
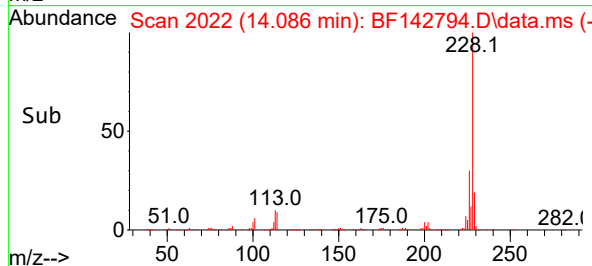
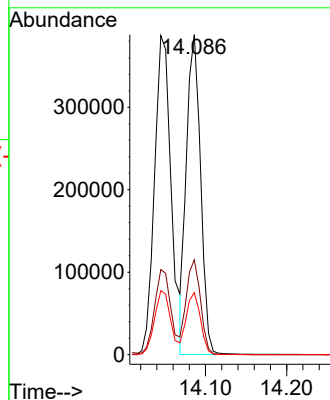
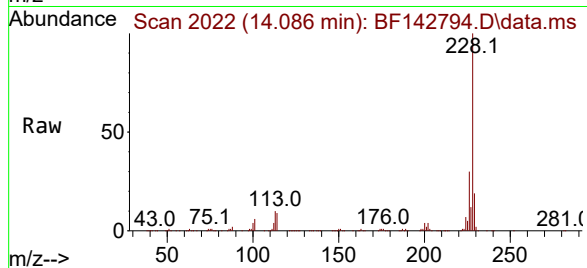
Tgt Ion:228 Resp: 470124

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.326 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

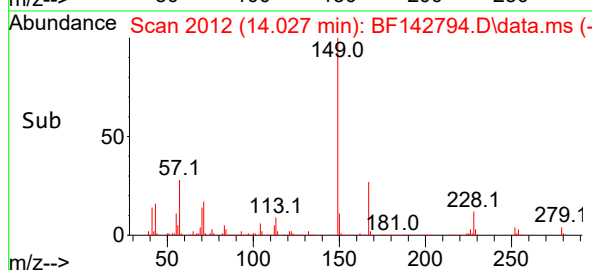
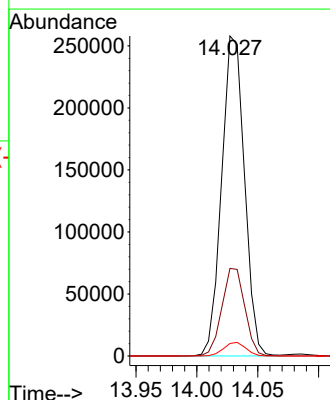
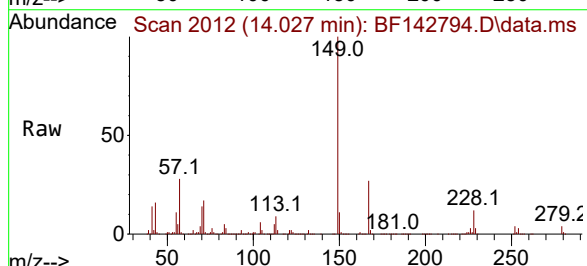
Tgt Ion:149 Resp: 336951

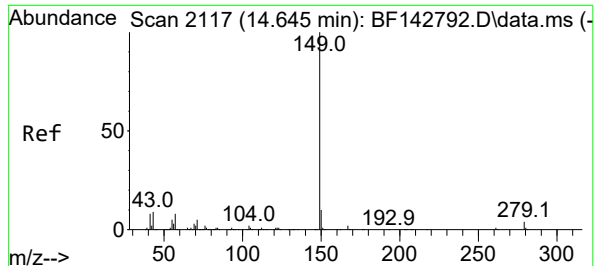
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 3.9 3.0 4.6

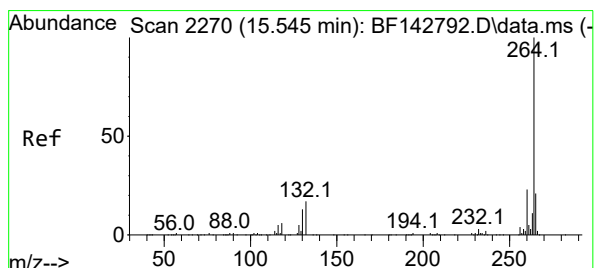
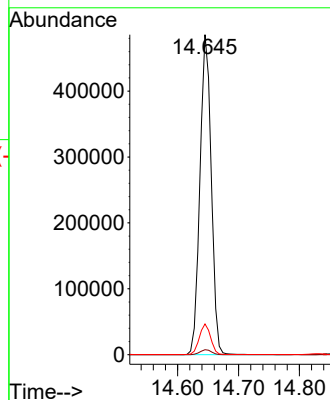
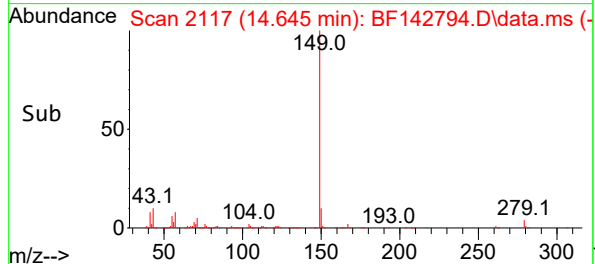
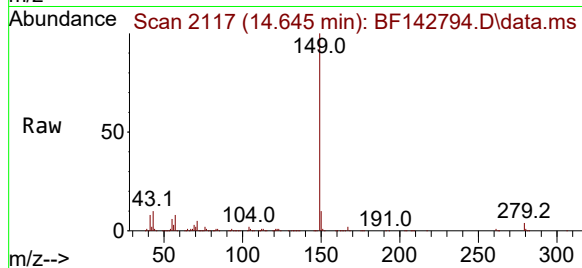




#85
Di-n-octyl phthalate
Concen: 60.871 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

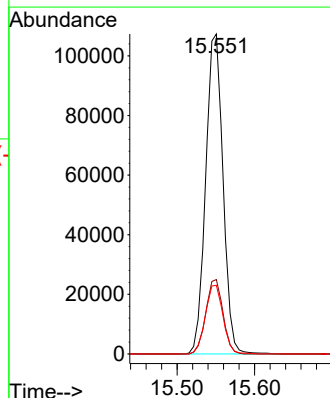
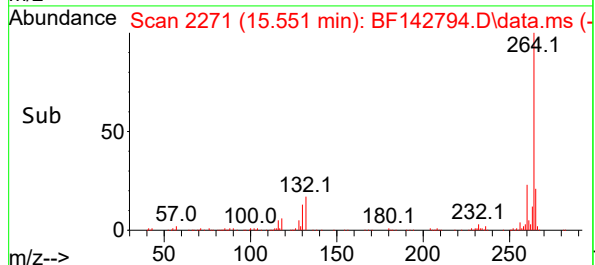
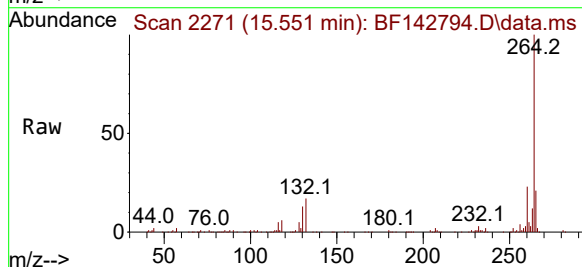
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

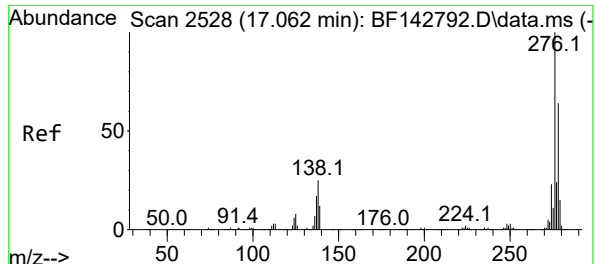
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.6	11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.1	27.1
265	21.4	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.432 ng

RT: 17.068 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

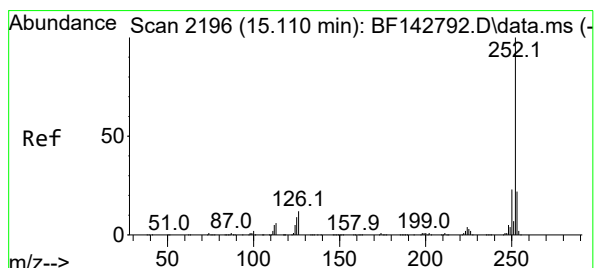
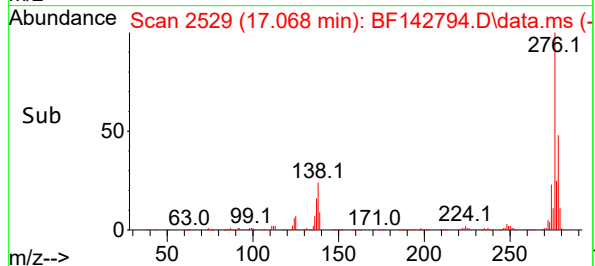
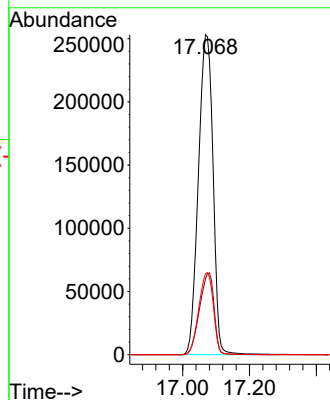
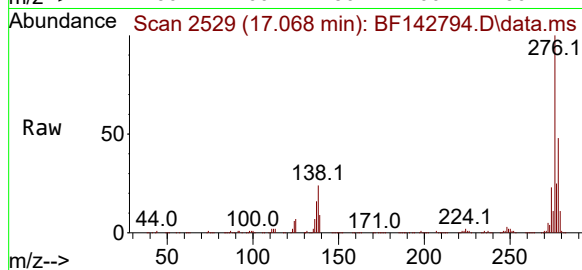
Tgt Ion:276 Resp: 768324

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.4

277 25.6 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 61.638 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

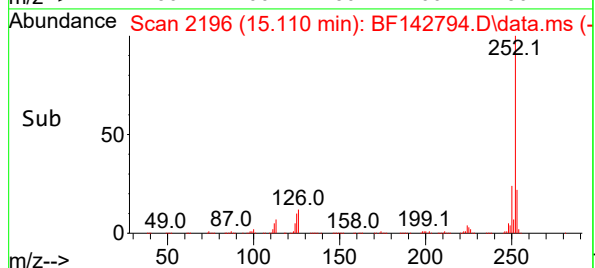
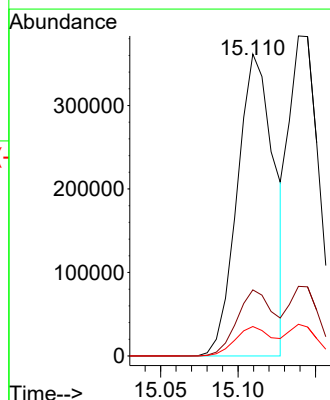
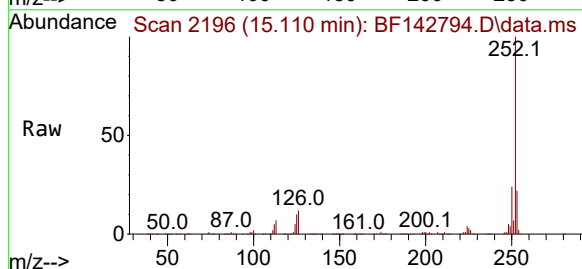
Tgt Ion:252 Resp: 597533

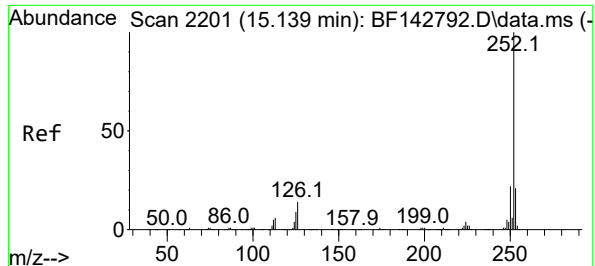
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 54.792 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

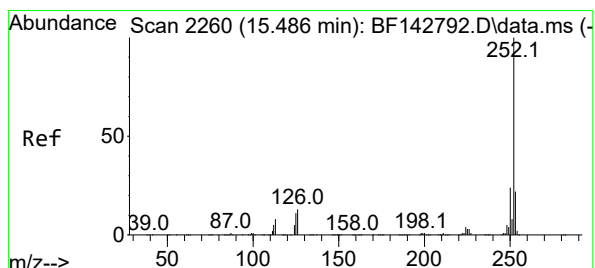
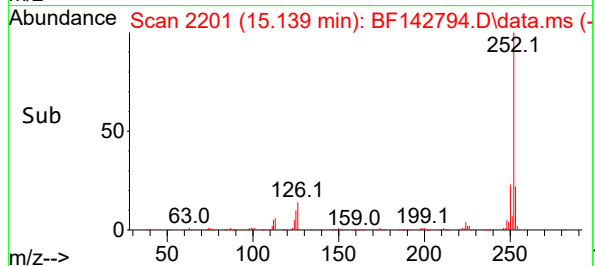
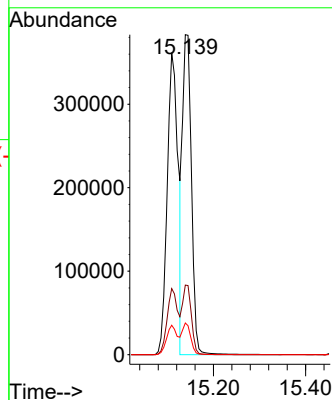
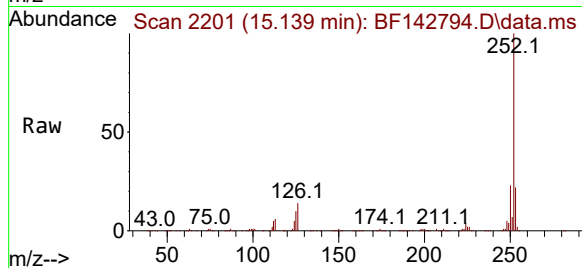
Tgt Ion:252 Resp: 518514

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 61.408 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

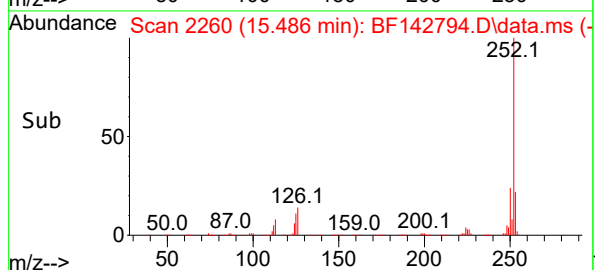
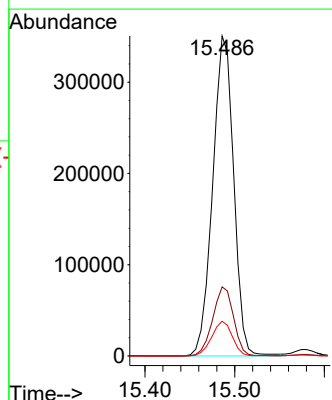
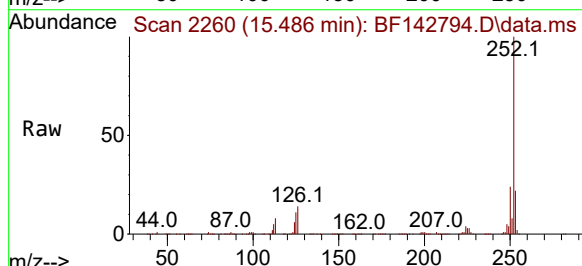
Tgt Ion:252 Resp: 569694

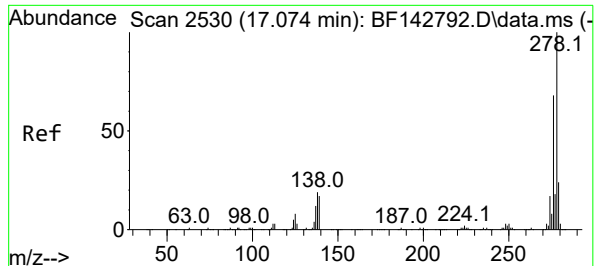
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

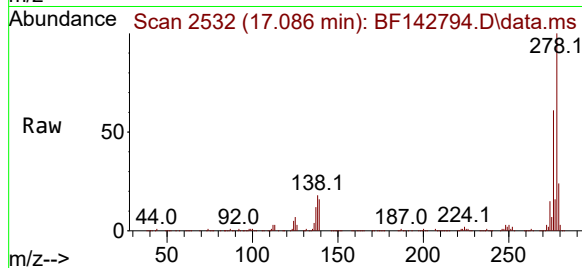
125 10.9 8.6 12.8



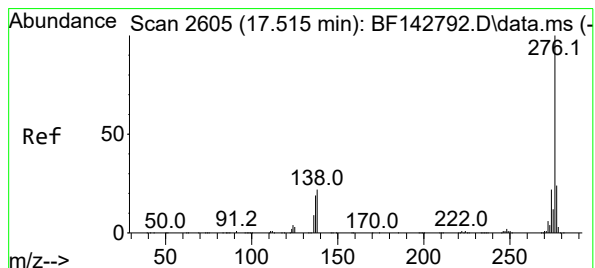
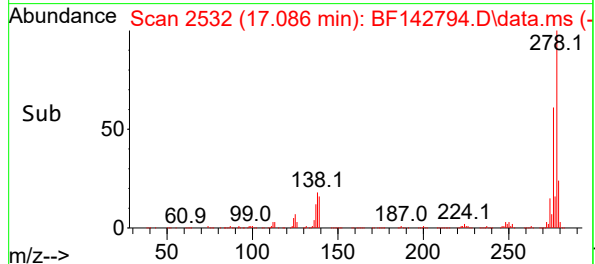
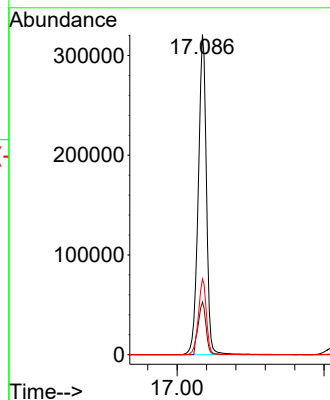


#91
Dibenzo(a,h)anthracene
Concen: 61.889 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

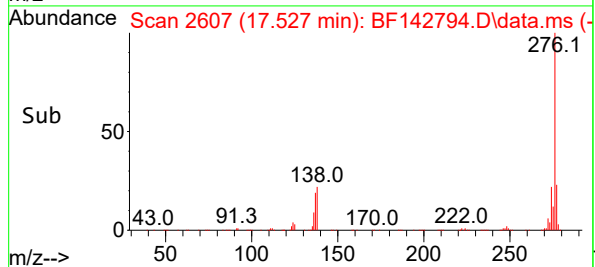
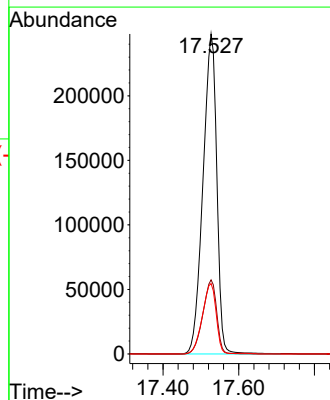
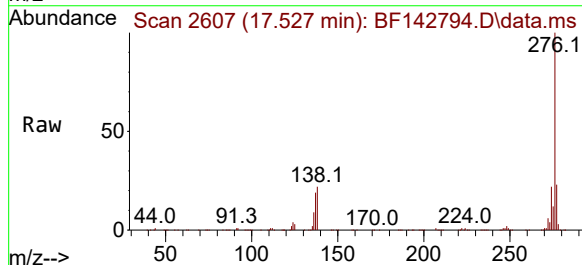


Tgt Ion:278 Resp: 619236
Ion Ratio Lower Upper
278 100
139 16.5 13.5 20.3
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 62.795 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:276 Resp: 626847
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 22.0 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142795.D
 Acq On : 19 Jun 2025 20:40
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Jun 20 04:42:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	77938	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	285299	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	140262	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	213216	20.000	ng	0.00
76) Chrysene-d12	14.063	240	127713	20.000	ng	0.00
86) Perylene-d12	15.551	264	175125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	703164	153.880	ng	0.00
7) Phenol-d6	6.516	99	813626	151.631	ng	0.00
23) Nitrobenzene-d5	7.457	82	792380	152.234	ng	0.01
42) 2,4,6-Tribromophenol	10.722	330	210092	137.823	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1515847	143.770	ng	0.00
79) Terphenyl-d14	12.998	244	1127781	122.904	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	145434	80.147	ng	99
3) Pyridine	3.410	79	368129	81.031	ng	99
4) n-Nitrosodimethylamine	3.375	42	191412	82.265	ng	98
6) Aniline	6.545	93	544167	75.672	ng	# 83
8) 2-Chlorophenol	6.669	128	383707	77.116	ng	99
10) Phenol	6.534	94	448139	74.906	ng	84
11) bis(2-Chloroethyl)ether	6.622	93	335736	75.639	ng	98
12) 1,3-Dichlorobenzene	6.822	146	420352	74.190	ng	99
13) 1,4-Dichlorobenzene	6.898	146	419873	73.115	ng	99
14) 1,2-Dichlorobenzene	7.051	146	400191	72.897	ng	98
15) Benzyl Alcohol	7.028	79	307100	76.460	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	512514	73.285	ng	94
17) 2-Methylphenol	7.140	107	289573	76.123	ng	98
18) Hexachloroethane	7.392	117	150991	73.550	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	238778	70.563	ng	98
20) 3+4-Methylphenols	7.292	107	345456	72.154	ng	96
22) Acetophenone	7.298	105	463019	73.349	ng	# 98
24) Nitrobenzene	7.475	77	358834	77.574	ng	98
25) Isophorone	7.716	82	632390	72.447	ng	99
26) 2-Nitrophenol	7.787	139	201064	78.009	ng	99
27) 2,4-Dimethylphenol	7.822	122	335771	76.518	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	400973	73.793	ng	100
29) 2,4-Dichlorophenol	8.028	162	306123	75.689	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	332721	74.472	ng	100
31) Naphthalene	8.192	128	1029082	73.342	ng	100
32) Benzoic acid	7.957	122	192536	79.082	ng	96
33) 4-Chloroaniline	8.239	127	413911	73.608	ng	100
34) Hexachlorobutadiene	8.304	225	204081	72.088	ng	99
35) Caprolactam	8.628	113	78302	71.952	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	296520	70.974	ng	98
37) 2-Methylnaphthalene	8.881	142	627195	70.857	ng	100
38) 1-Methylnaphthalene	8.981	142	642853	69.952	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	315930	78.028	ng	99
41) Hexachlorocyclopentadiene	9.034	237	218091	85.183	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	207984	79.375	ng	98
44) 2,4,5-Trichlorophenol	9.204	196	217860	76.993	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142795.D
 Acq On : 19 Jun 2025 20:40
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Jun 20 04:42:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.345	154	822529	75.525	ng	99
47) 2-Chloronaphthalene	9.375	162	620399	77.199	ng	99
48) 2-Nitroaniline	9.469	65	179718	78.716	ng	97
49) Acenaphthylene	9.786	152	1002569	74.207	ng	100
50) Dimethylphthalate	9.651	163	665322	71.510	ng	100
51) 2,6-Dinitrotoluene	9.710	165	150567	74.654	ng	99
52) Acenaphthene	9.963	154	621336	74.322	ng	100
53) 3-Nitroaniline	9.881	138	164090	74.903	ng	99
54) 2,4-Dinitrophenol	9.986	184	85185	78.050	ng	97
55) Dibenzofuran	10.133	168	862110	72.277	ng	99
56) 4-Nitrophenol	10.039	139	114163	76.771	ng	98
57) 2,4-Dinitrotoluene	10.116	165	189684	71.128	ng	95
58) Fluorene	10.475	166	663463	70.475	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	170453	71.850	ng	97
60) Diethylphthalate	10.345	149	640148	69.265	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	318782	69.722	ng	98
62) 4-Nitroaniline	10.498	138	147879	75.193	ng	98
63) Azobenzene	10.628	77	578765	71.659	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	106528	80.401	ng	98
66) n-Nitrosodiphenylamine	10.586	169	564677	77.075	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	191698	76.768	ng	97
68) Hexachlorobenzene	11.022	284	210925	76.086	ng	98
69) Atrazine	11.110	200	148117	76.143	ng	100
70) Pentachlorophenol	11.216	266	113104	78.555	ng	99
71) Phenanthrene	11.439	178	845899	74.102	ng	99
72) Anthracene	11.492	178	862662	73.008	ng	99
73) Carbazole	11.645	167	738174	74.602	ng	100
74) Di-n-butylphthalate	11.969	149	798500	72.884	ng	100
75) Fluoranthene	12.627	202	766933	70.711	ng	99
77) Benzidine	12.751	184	299985	66.350	ng	100
78) Pyrene	12.857	202	750100	63.894	ng	98
80) Butylbenzylphthalate	13.474	149	287568	82.658	ng	97
81) Benzo(a)anthracene	14.051	228	655753	78.202	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	223571	82.340	ng	100
83) Chrysene	14.086	228	587658	75.278	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	448387	86.499	ng	99
85) Di-n-octyl phthalate	14.651	149	843227	85.366	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1010374	78.036	ng	99
88) Benzo(b)fluoranthene	15.115	252	749341	73.471	ng	100
89) Benzo(k)fluoranthene	15.145	252	747789	75.108	ng	99
90) Benzo(a)pyrene	15.492	252	759483	77.813	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	806991	76.662	ng	99
92) Benzo(g,h,i)perylene	17.539	276	813177	77.429	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Abundance

TIC: BF142795.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylaniline

2-Fluorophenol,S

Phenol,d5,S

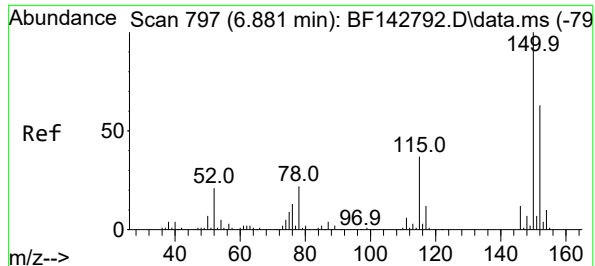
2-Methyl-2-propylphthalate

2-Fluorobiphenyl,S

Terphenyl-d14,S

Indene(1,2,3-cd)pyrene

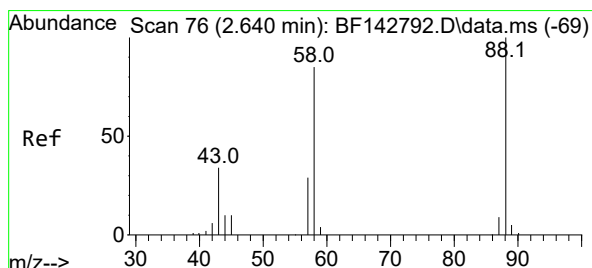
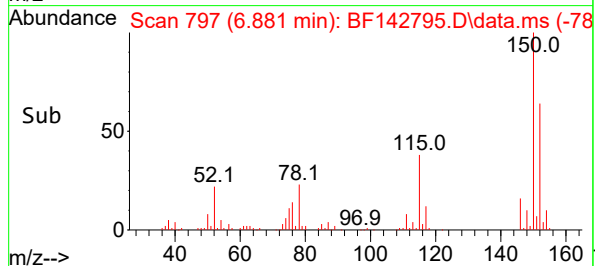
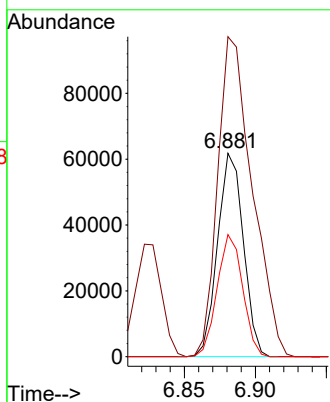
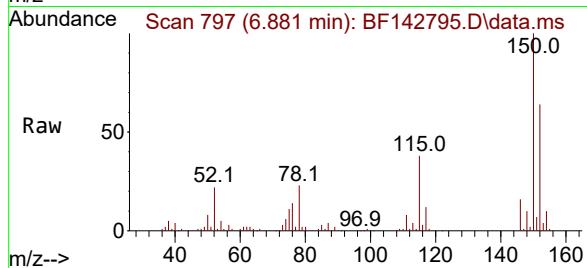
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

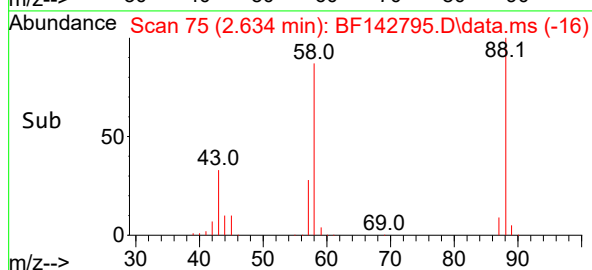
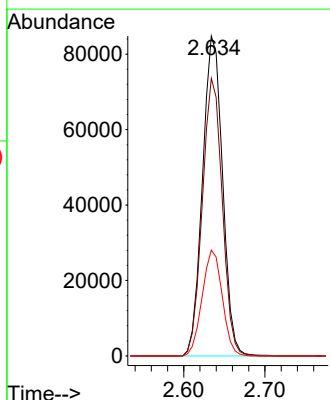
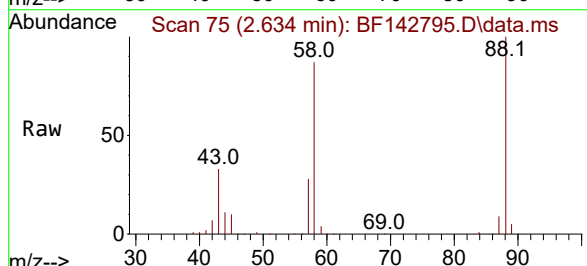
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

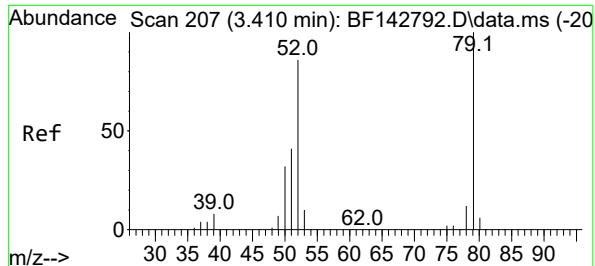
Tgt Ion:152 Resp: 77938
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 60.0 46.6 69.8



#2
1,4-Dioxane
Concen: 80.147 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 88 Resp: 145434
Ion Ratio Lower Upper
88 100
58 86.0 69.1 103.7
43 33.2 27.4 41.2

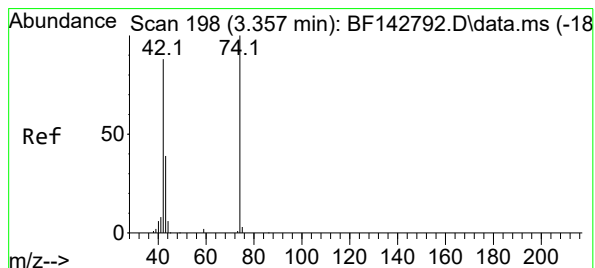
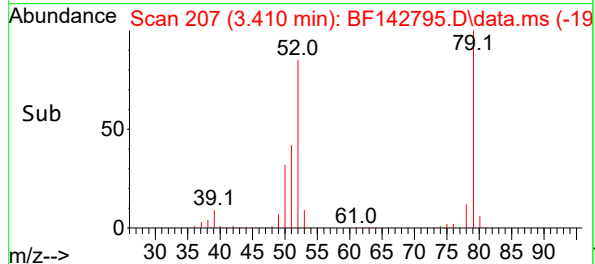
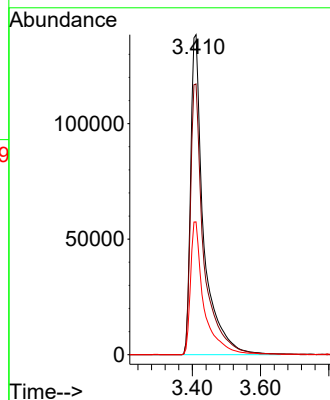
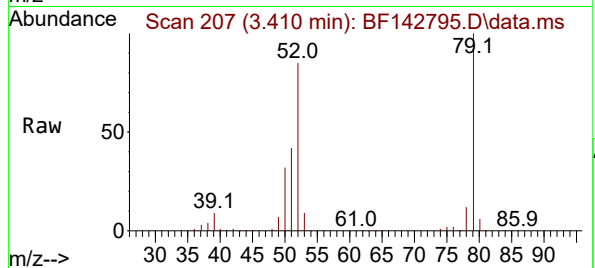




#3
Pyridine
Concen: 81.031 ng
RT: 3.410 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

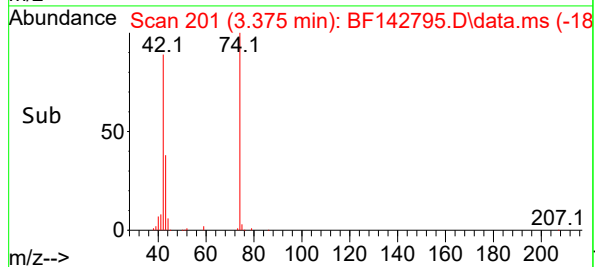
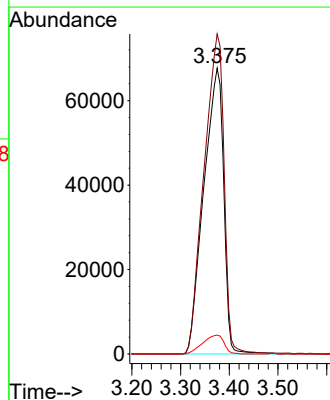
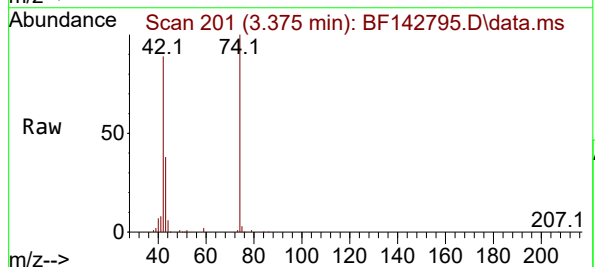
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

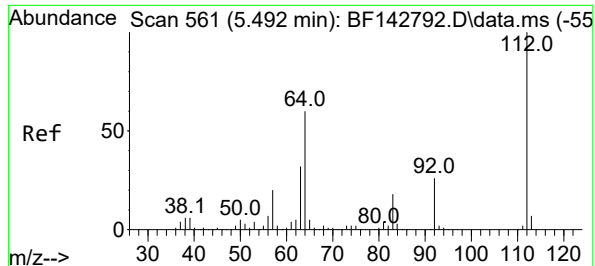
Tgt Ion: 79 Resp: 368129
Ion Ratio Lower Upper
79 100
52 84.6 69.2 103.8
51 41.5 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 82.265 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 42 Resp: 191412
Ion Ratio Lower Upper
42 100
74 112.0 90.9 136.3
44 6.6 5.8 8.6

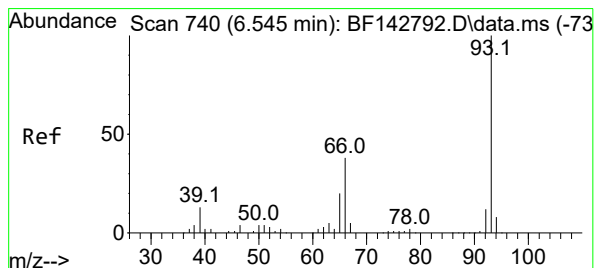
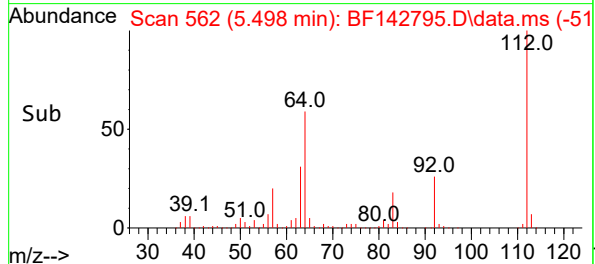
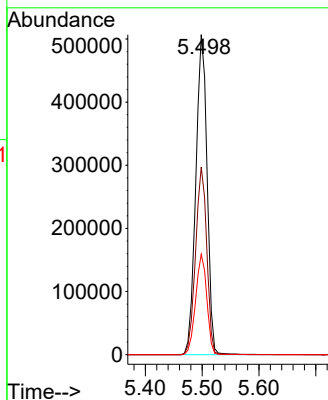
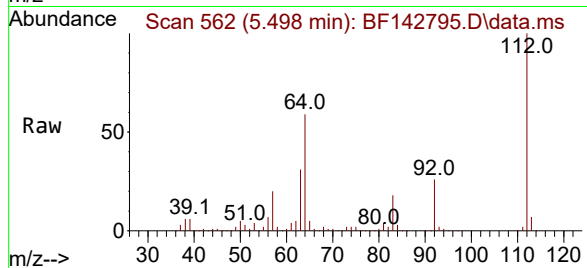




#5
2-Fluorophenol
Concen: 153.880 ng
RT: 5.498 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

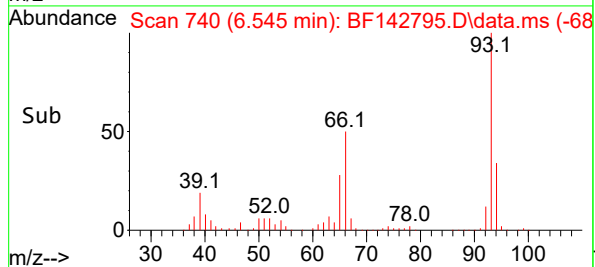
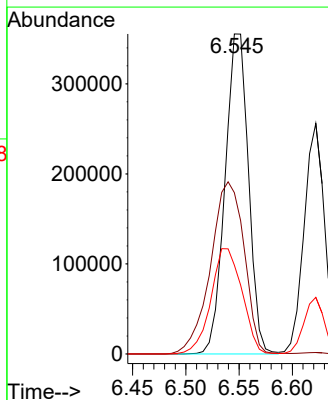
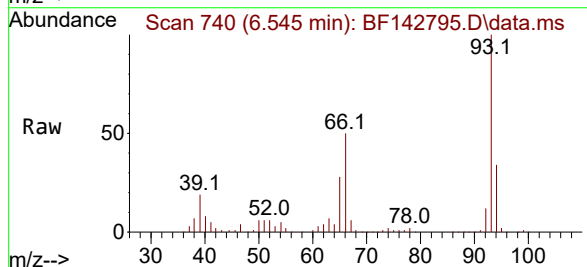
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

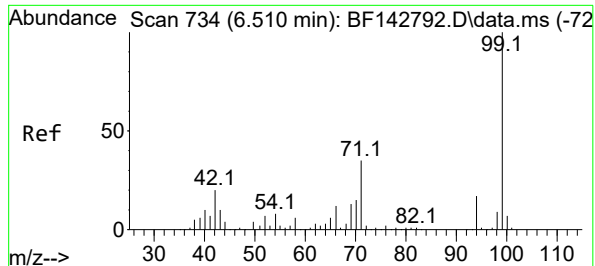
Tgt Ion:112 Resp: 703164
Ion Ratio Lower Upper
112 100
64 58.7 48.2 72.2
63 31.4 25.7 38.5



#6
Aniline
Concen: 75.672 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 93 Resp: 544167
Ion Ratio Lower Upper
93 100
66 50.4 31.8 47.6#
65 27.8 16.2 24.2#





#7

Phenol-d6

Concen: 151.631 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

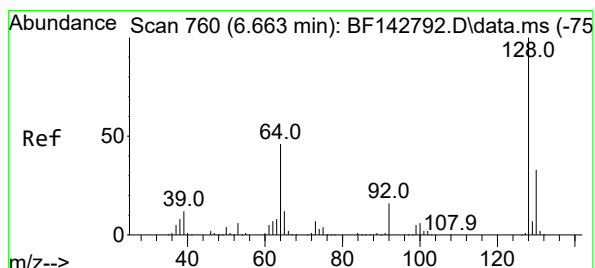
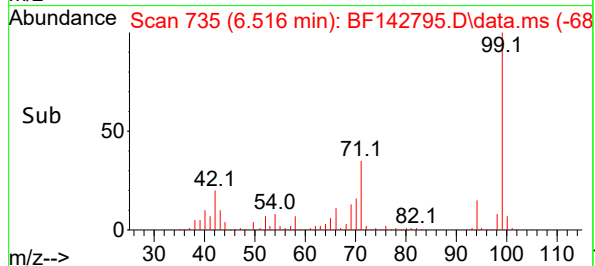
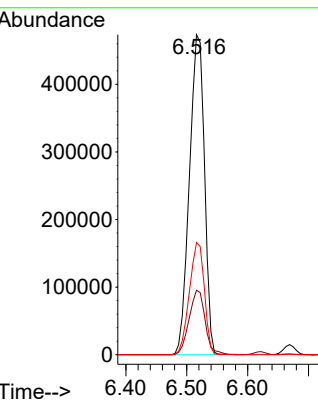
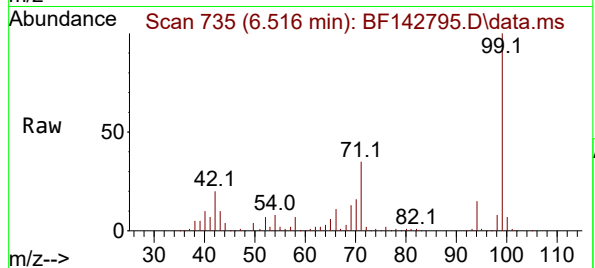
Tgt Ion: 99 Resp: 813626

Ion Ratio Lower Upper

99 100

42 20.1 15.9 23.9

71 35.1 27.8 41.8



#8

2-Chlorophenol

Concen: 77.116 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

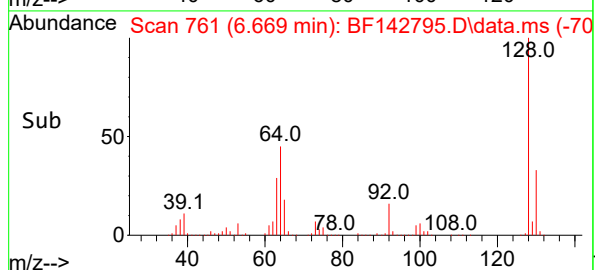
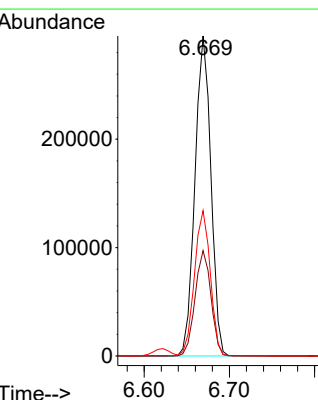
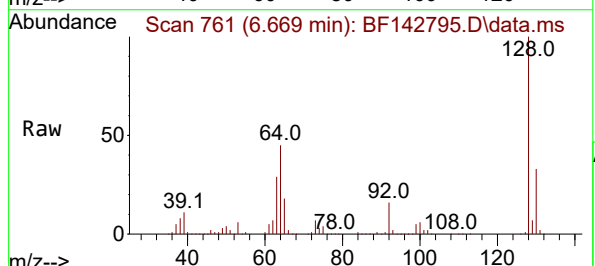
Tgt Ion:128 Resp: 383707

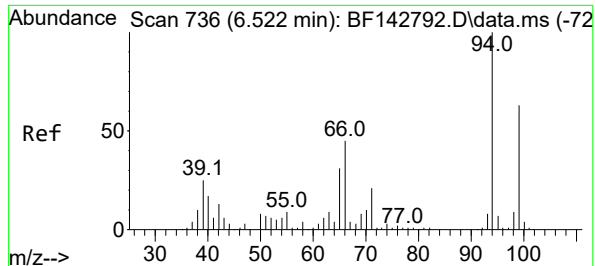
Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 45.4 26.5 66.5





#10

Phenol

Concen: 74.906 ng

RT: 6.534 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

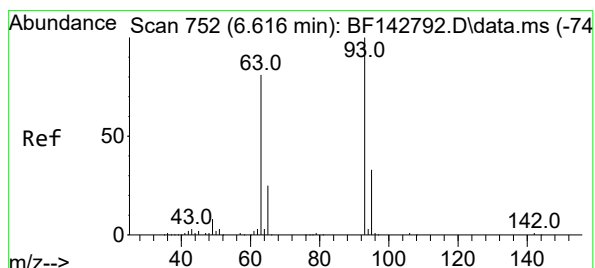
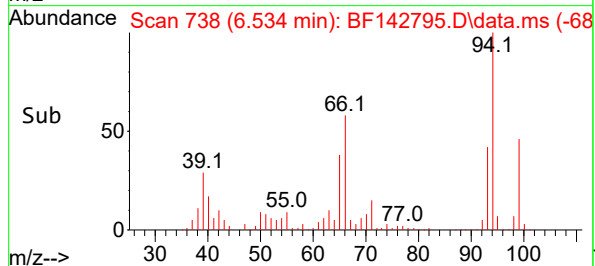
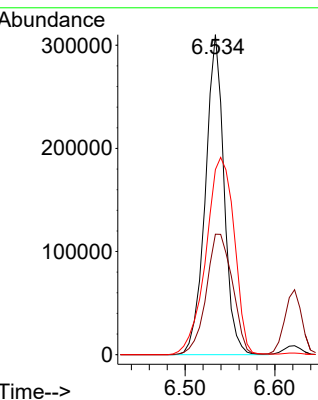
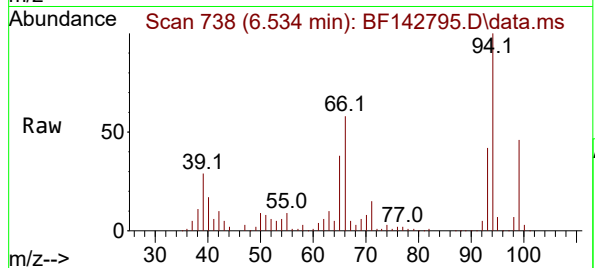
Tgt Ion: 94 Resp: 448139

Ion Ratio Lower Upper

94 100

65 37.7 11.3 51.3

66 57.8 24.9 64.9



#11

bis(2-Chloroethyl)ether

Concen: 75.639 ng

RT: 6.622 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

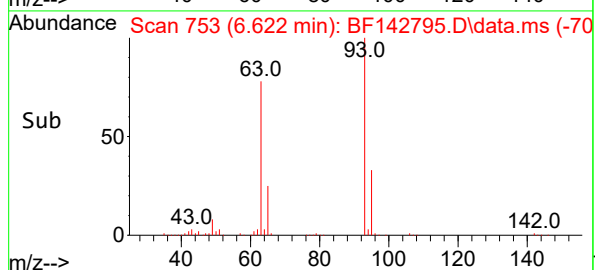
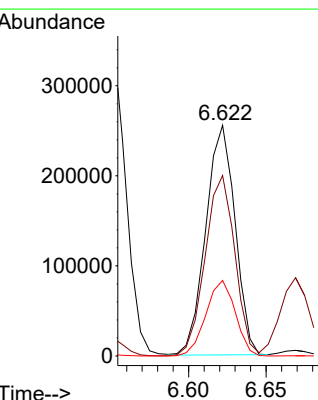
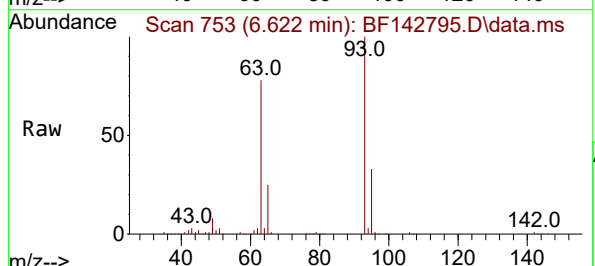
Tgt Ion: 93 Resp: 335736

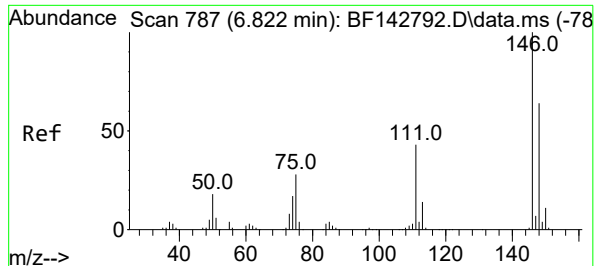
Ion Ratio Lower Upper

93 100

63 78.2 60.3 100.3

95 32.8 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 74.190 ng

RT: 6.822 min Scan# 787

Delta R.T. 0.000 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

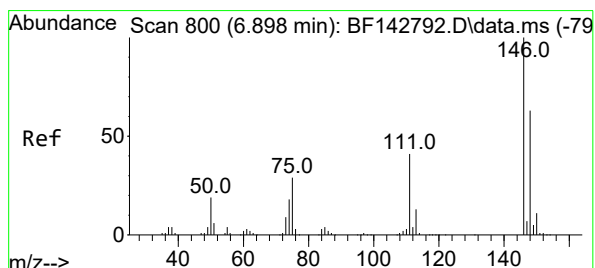
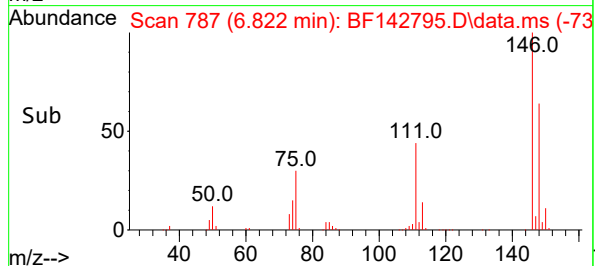
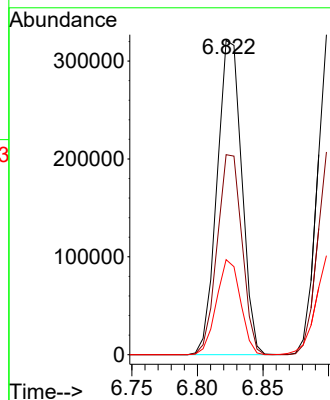
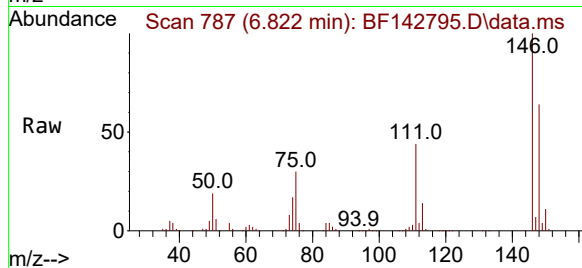
Tgt Ion:146 Resp: 420352

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

75 30.2 22.7 34.1



#13

1,4-Dichlorobenzene

Concen: 73.115 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

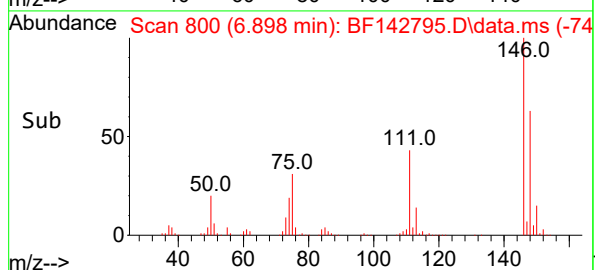
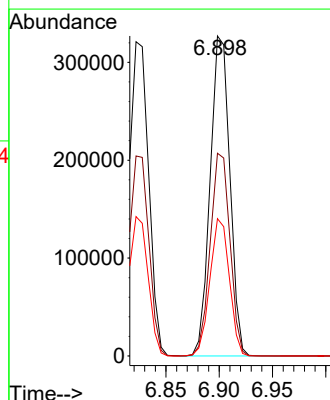
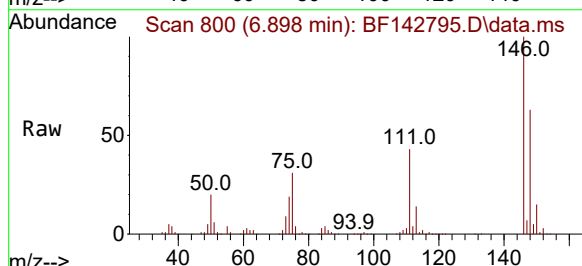
Tgt Ion:146 Resp: 419873

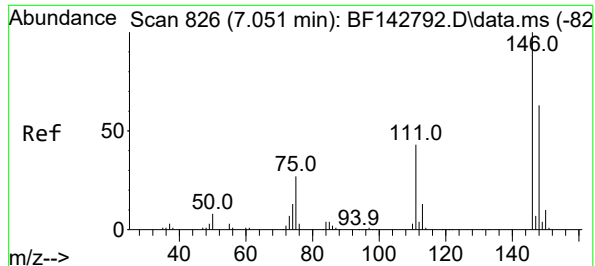
Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

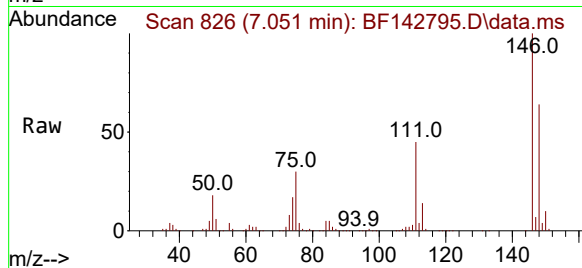
111 42.9 33.2 49.8



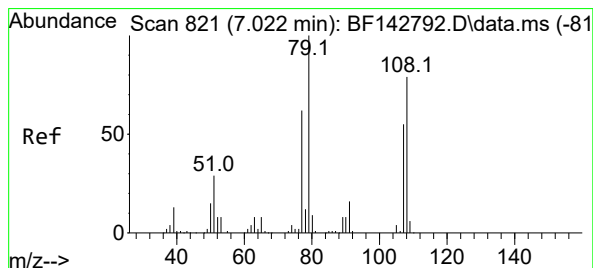
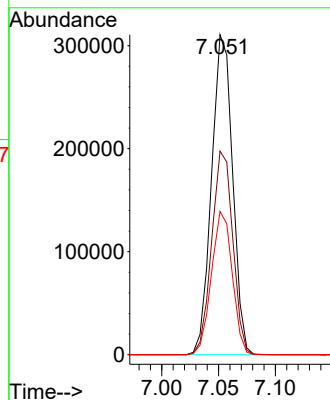
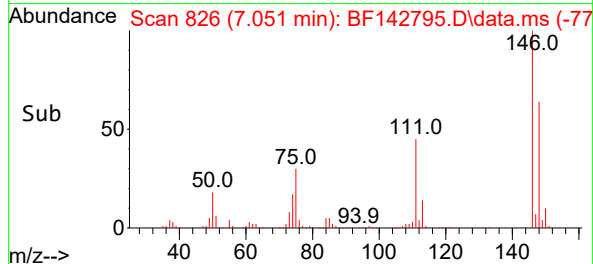


#14
1,2-Dichlorobenzene
Concen: 72.897 ng
RT: 7.051 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

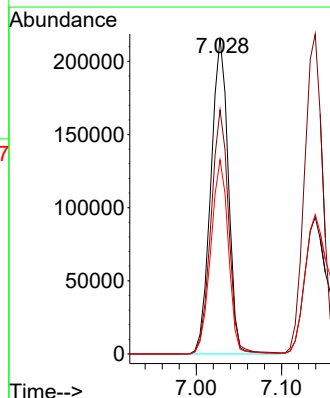
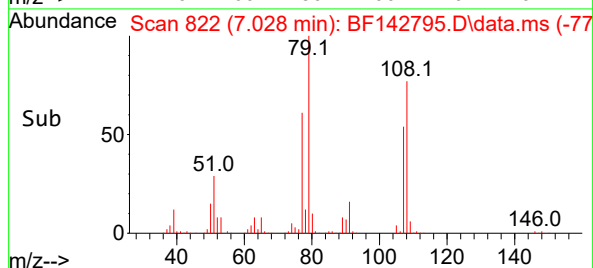
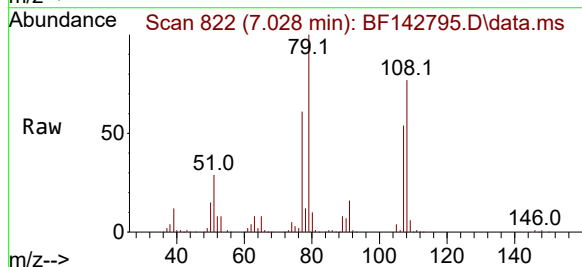


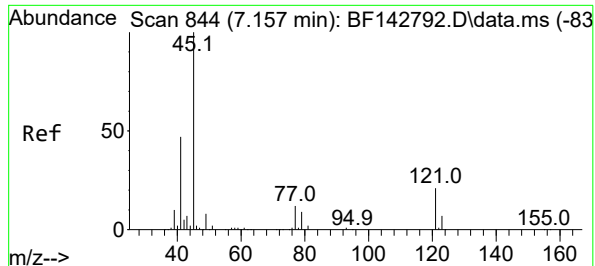
Tgt Ion:146 Resp: 400191
Ion Ratio Lower Upper
146 100
148 63.6 50.4 75.6
111 44.8 34.1 51.1



#15
Benzyl Alcohol
Concen: 76.460 ng
RT: 7.028 min Scan# 822
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 79 Resp: 307100
Ion Ratio Lower Upper
79 100
108 77.2 63.4 95.0
77 61.4 49.5 74.3





#16

2,2'-oxybis(1-Chloropropane)

Concen: 73.285 ng

RT: 7.157 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

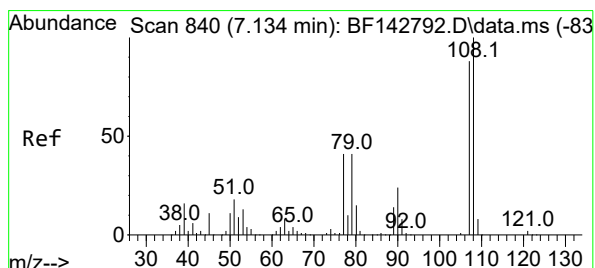
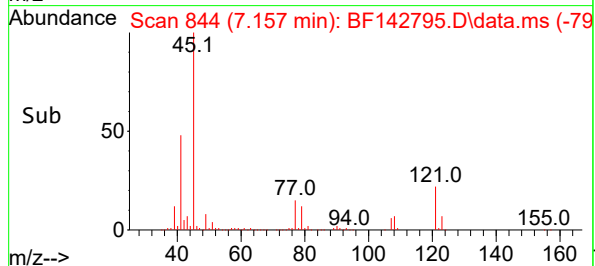
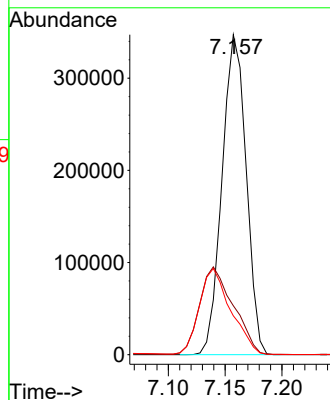
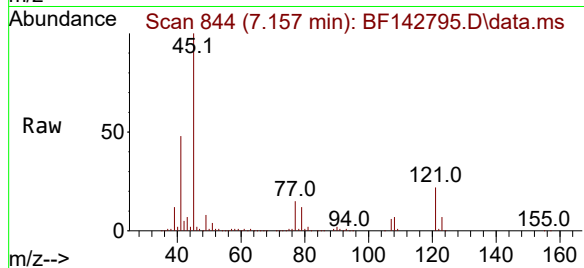
Tgt Ion: 45 Resp: 512514

Ion Ratio Lower Upper

45 100

77 15.3 0.0 32.8

79 12.1 0.0 29.8



#17

2-Methylphenol

Concen: 76.123 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Tgt Ion:107 Resp: 289573

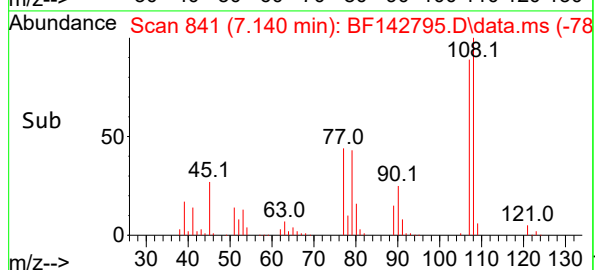
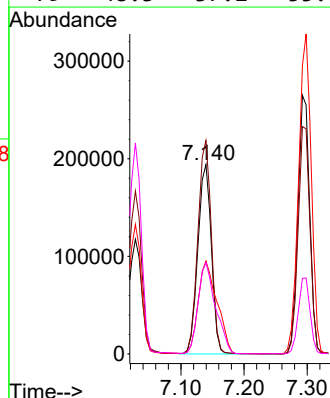
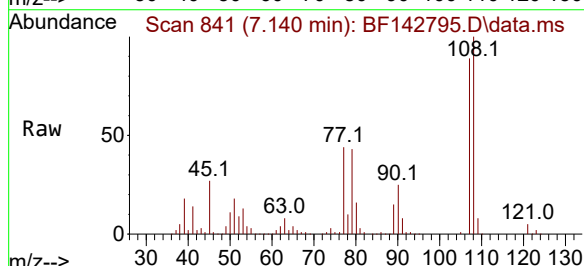
Ion Ratio Lower Upper

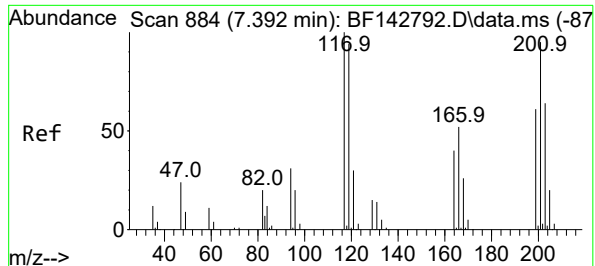
107 100

108 112.7 90.9 136.3

77 49.1 37.3 55.9

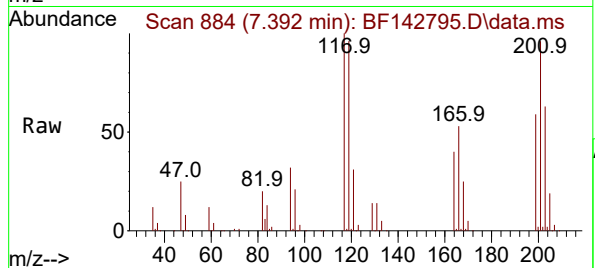
79 48.3 37.2 55.8



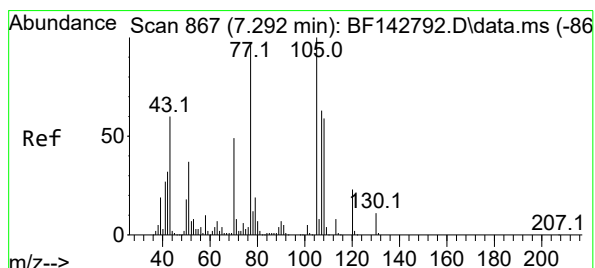
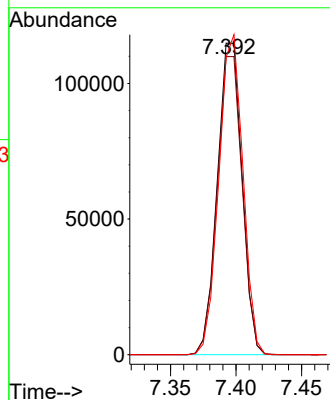
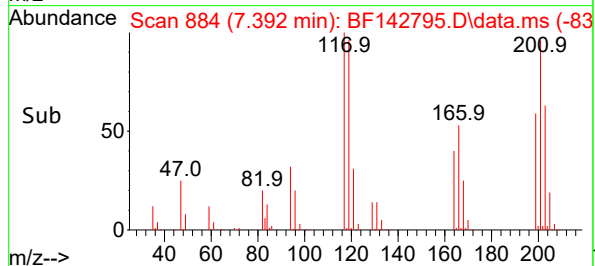


#18
Hexachloroethane
Concen: 73.550 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

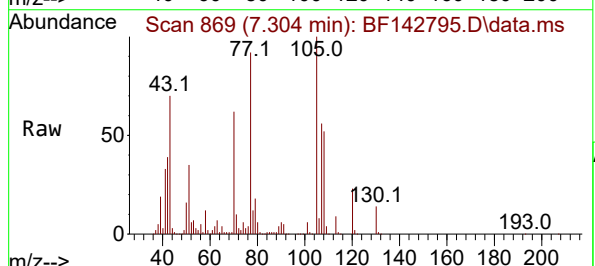
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



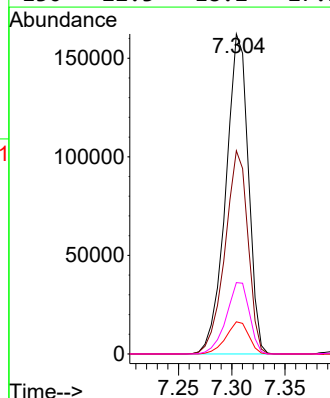
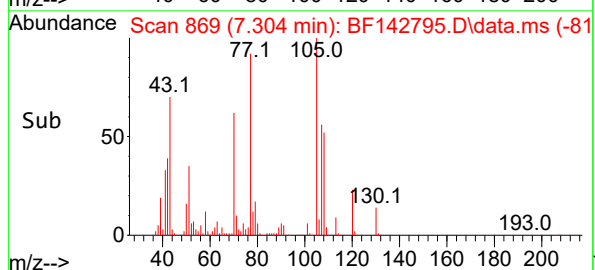
Tgt Ion:117 Resp: 150991
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.0
201 95.5 75.9 113.9

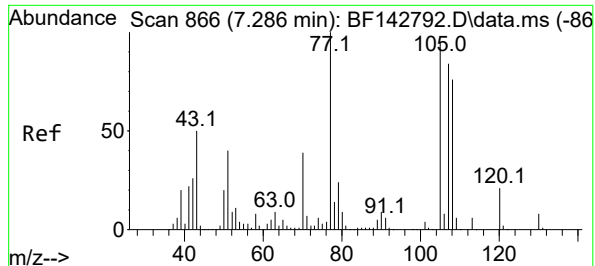


#19
n-Nitroso-di-n-propylamine
Concen: 70.563 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40



Tgt Ion: 70 Resp: 238778
Ion Ratio Lower Upper
70 100
42 63.5 52.1 78.1
101 10.0 8.2 12.2
130 22.3 18.2 27.2





#20

3+4-Methylphenols

Concen: 72.154 ng

RT: 7.292 min Scan# 8

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 345456

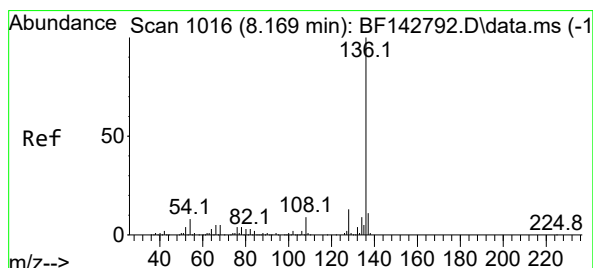
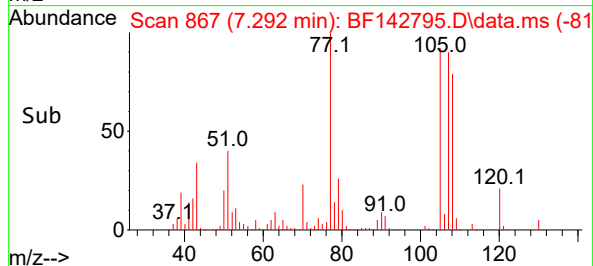
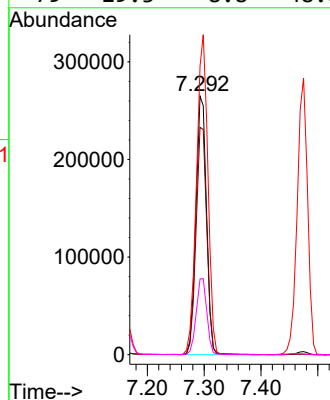
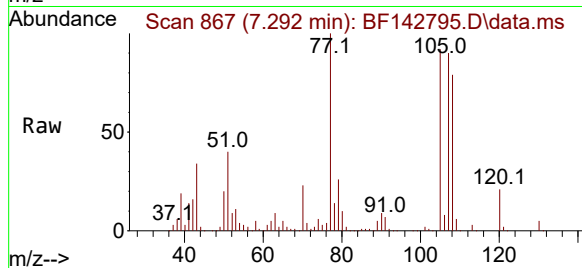
Ion Ratio Lower Upper

107 100

108 87.9 70.0 110.0

77 111.5 98.5 138.5

79 29.3 8.8 48.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Tgt Ion:136 Resp: 285299

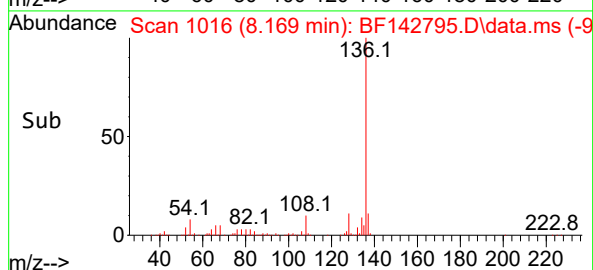
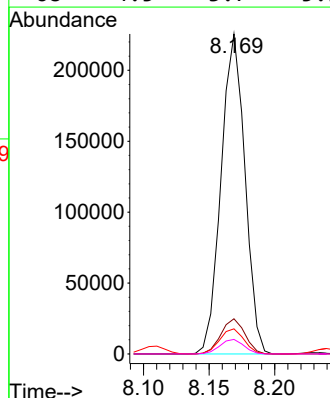
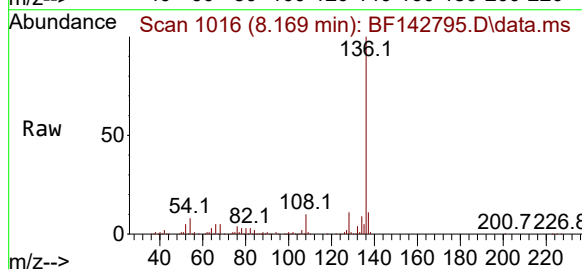
Ion Ratio Lower Upper

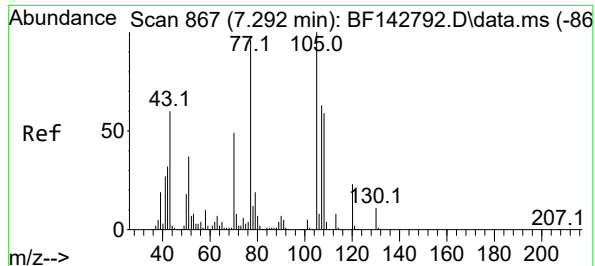
136 100

137 11.0 8.4 12.6

54 7.9 6.3 9.5

68 4.5 3.7 5.5

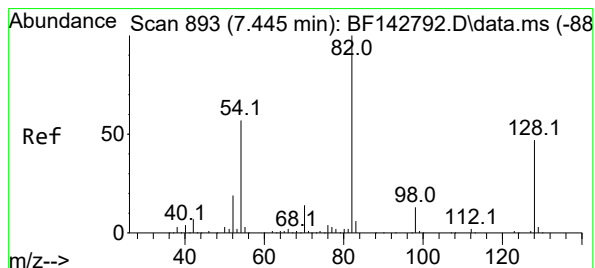
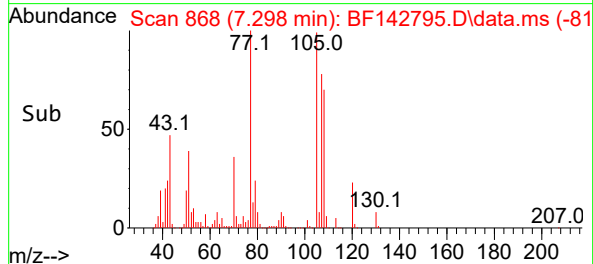
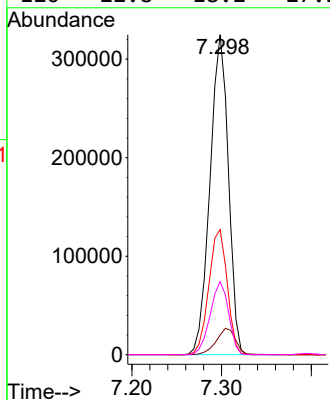
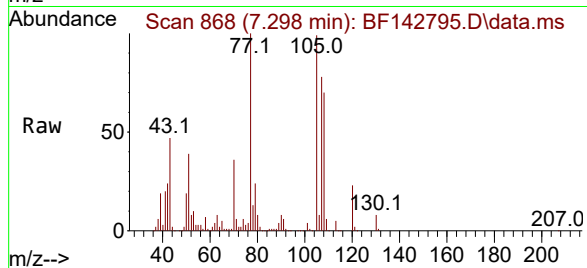




#22
Acetophenone
Concen: 73.349 ng
RT: 7.298 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

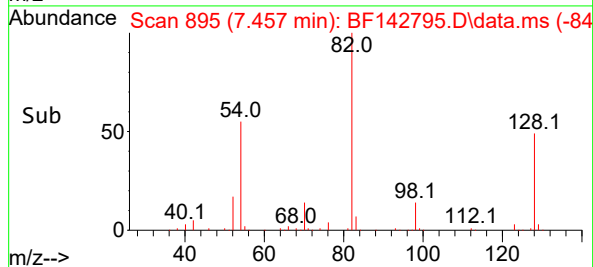
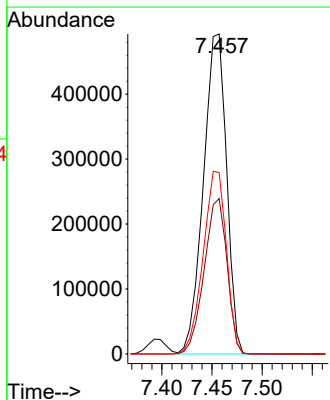
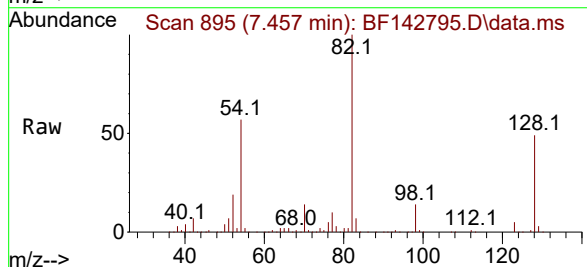
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

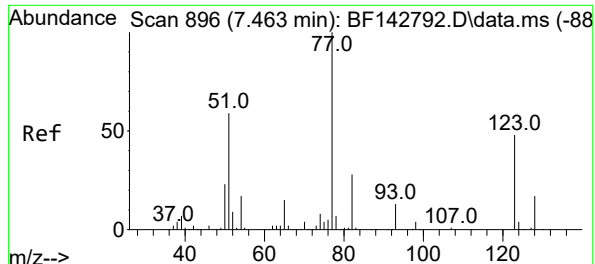
Tgt Ion:105 Resp: 463019
Ion Ratio Lower Upper
105 100
71 6.2 6.5 9.7#
51 39.1 29.8 44.8
120 22.8 18.2 27.2



#23
Nitrobenzene-d5
Concen: 152.234 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 82 Resp: 792380
Ion Ratio Lower Upper
82 100
128 48.5 37.7 56.5
54 56.7 45.7 68.5





#24

Nitrobenzene

Concen: 77.574 ng

RT: 7.475 min Scan# 896

Delta R.T. 0.012 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

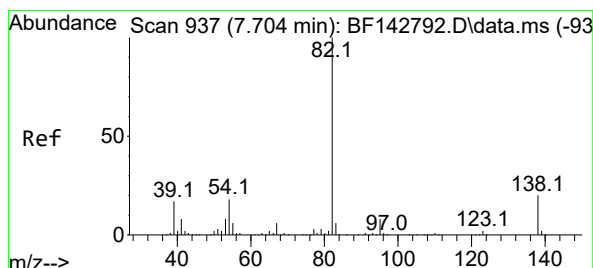
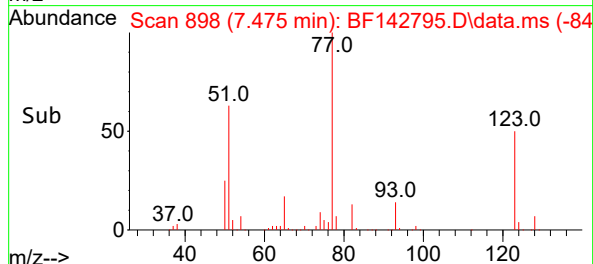
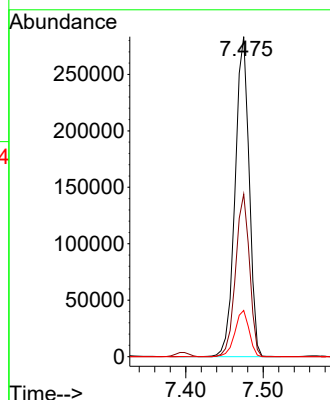
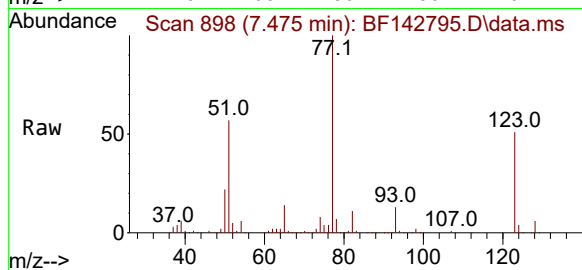
Tgt Ion: 77 Resp: 358834

Ion Ratio Lower Upper

77 100

123 50.8 39.2 58.8

65 14.4 11.6 17.4



#25

Isophorone

Concen: 72.447 ng

RT: 7.716 min Scan# 939

Delta R.T. 0.012 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

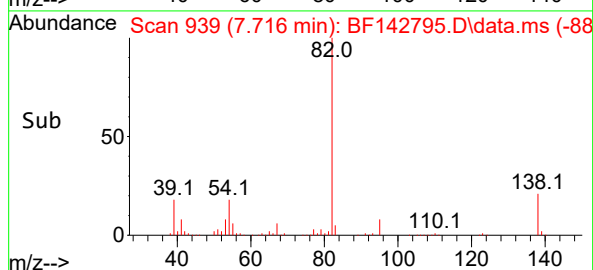
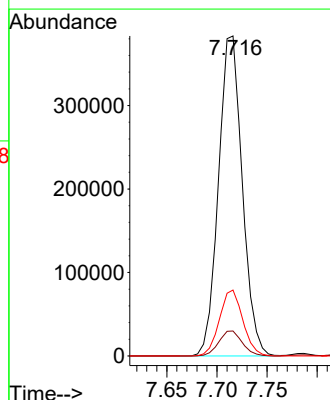
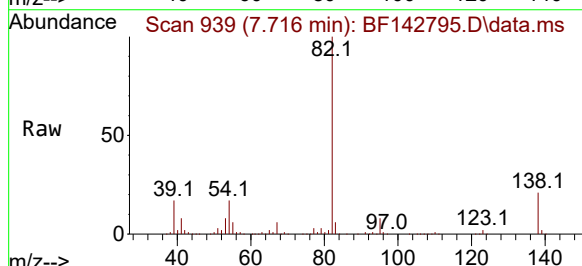
Tgt Ion: 82 Resp: 632390

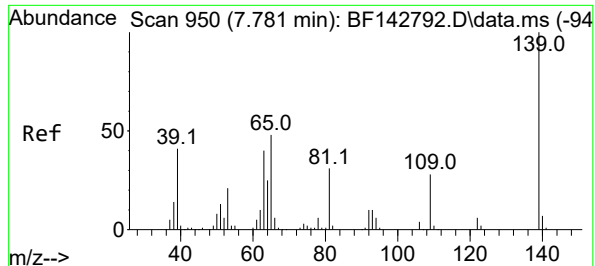
Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

138 20.6 16.2 24.4

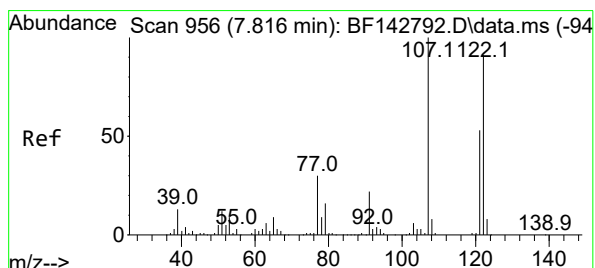
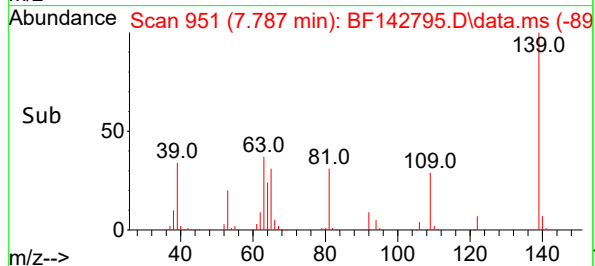
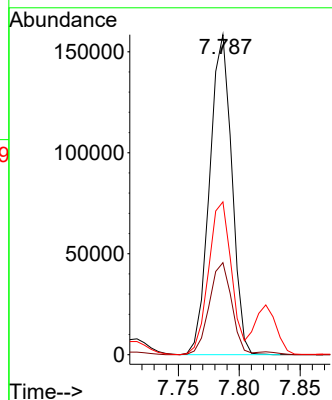
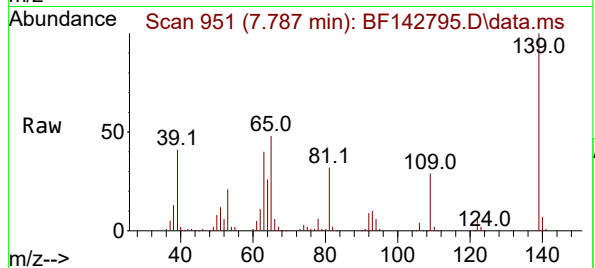




#26
2-Nitrophenol
Concen: 78.009 ng
RT: 7.787 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

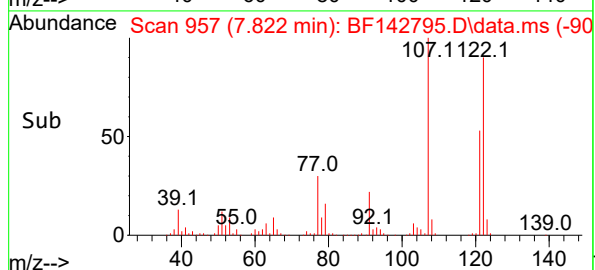
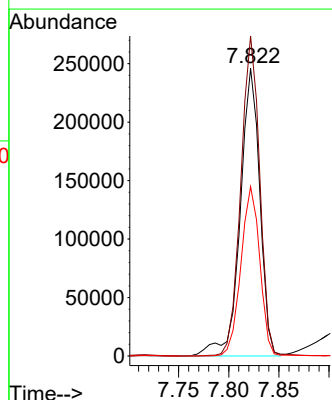
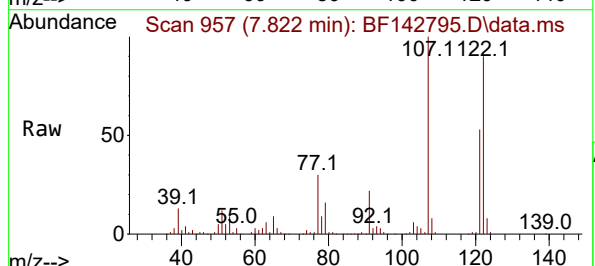
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

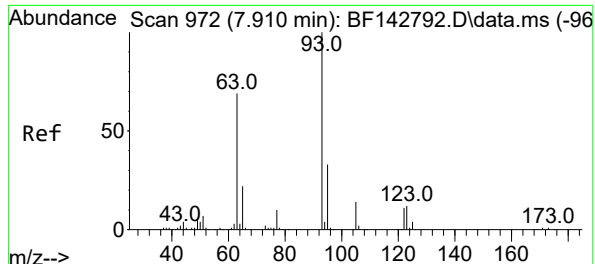
Tgt Ion:139 Resp: 201064
Ion Ratio Lower Upper
139 100
109 28.8 22.7 34.1
65 47.8 38.6 58.0



#27
2,4-Dimethylphenol
Concen: 76.518 ng
RT: 7.822 min Scan# 957
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:122 Resp: 335771
Ion Ratio Lower Upper
122 100
107 111.2 88.0 132.0
121 58.9 46.3 69.5





#28

bis(2-Chloroethoxy)methane

Concen: 73.793 ng

RT: 7.916 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

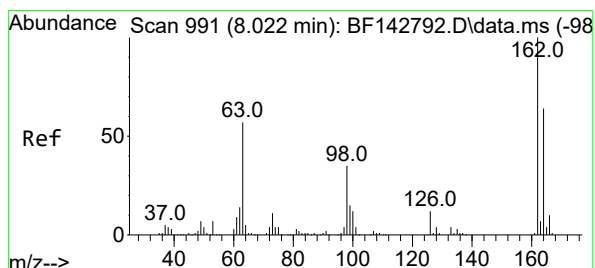
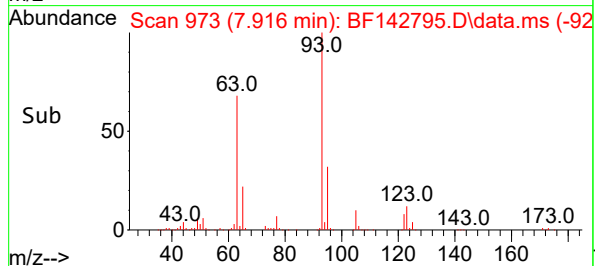
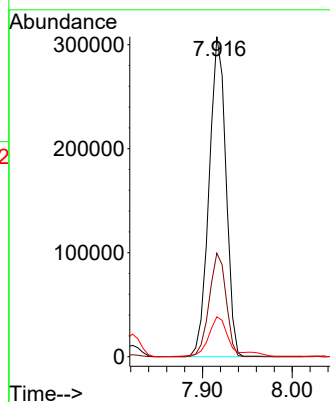
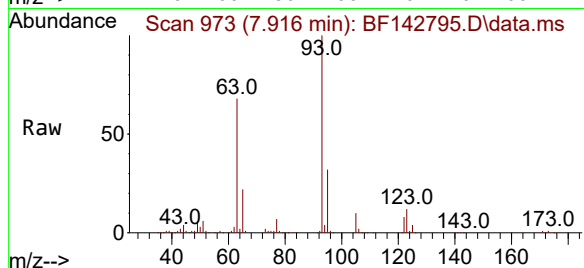
Tgt Ion: 93 Resp: 400973

Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 12.4 9.9 14.9



#29

2,4-Dichlorophenol

Concen: 75.689 ng

RT: 8.028 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

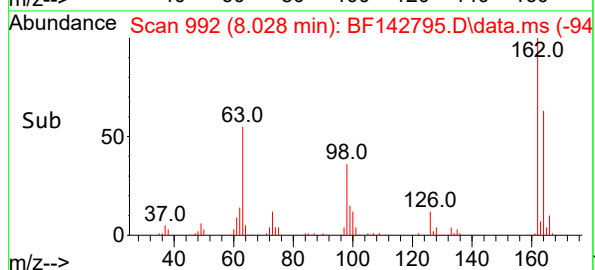
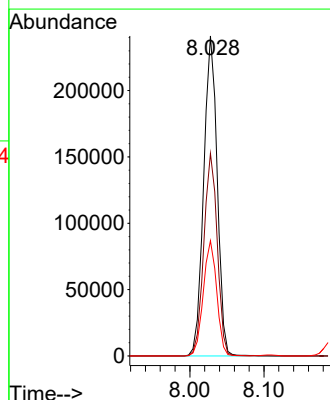
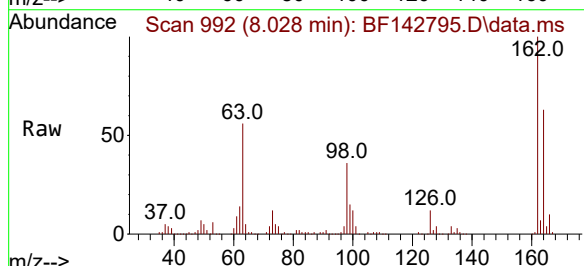
Tgt Ion: 162 Resp: 306123

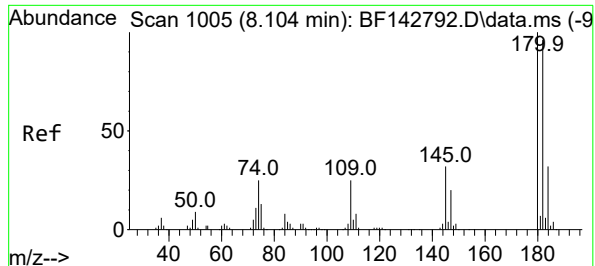
Ion Ratio Lower Upper

162 100

164 63.3 44.0 84.0

98 36.0 15.4 55.4





#30

1,2,4-Trichlorobenzene

Concen: 74.472 ng

RT: 8.110 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

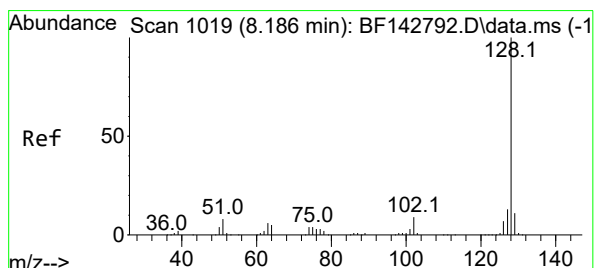
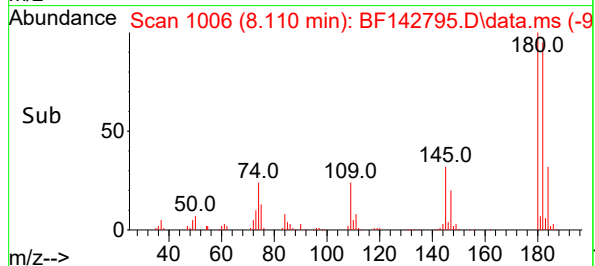
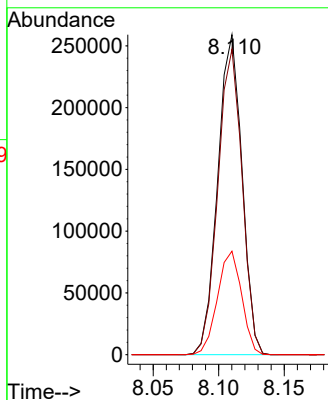
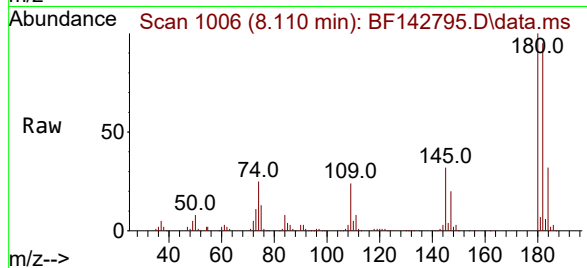
Tgt Ion:180 Resp: 332721

Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

145 32.3 25.8 38.8



#31

Naphthalene

Concen: 73.342 ng

RT: 8.192 min Scan# 1020

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

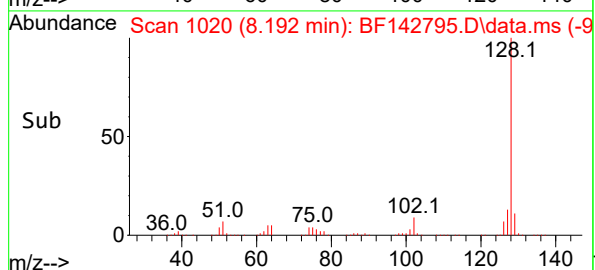
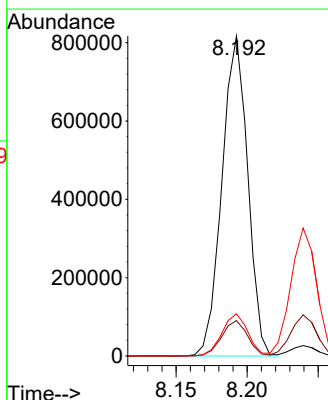
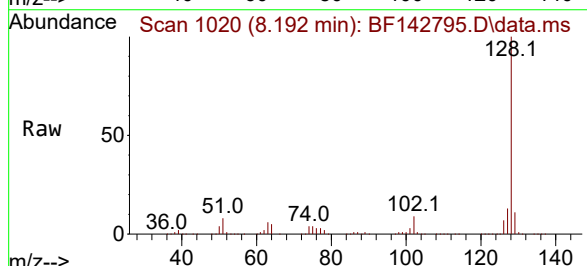
Tgt Ion:128 Resp: 1029082

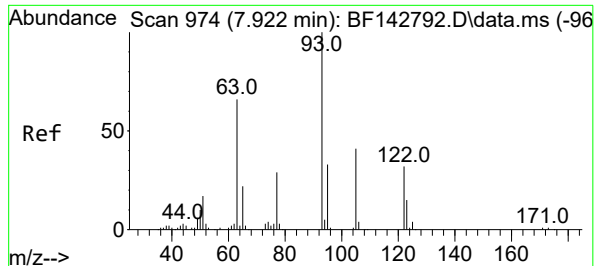
Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.4 15.6

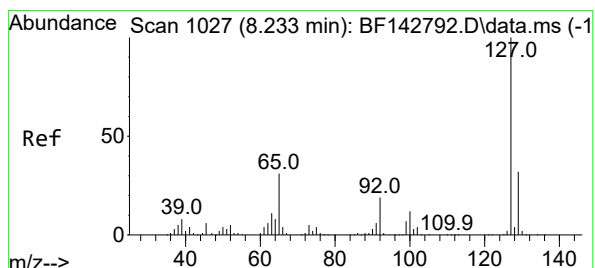
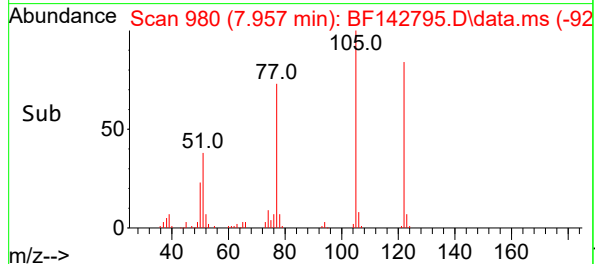
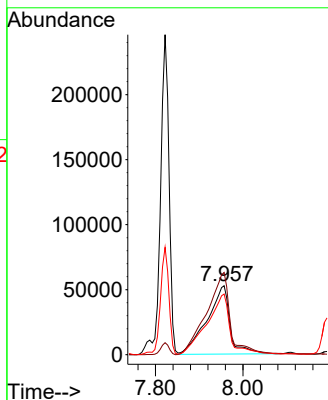
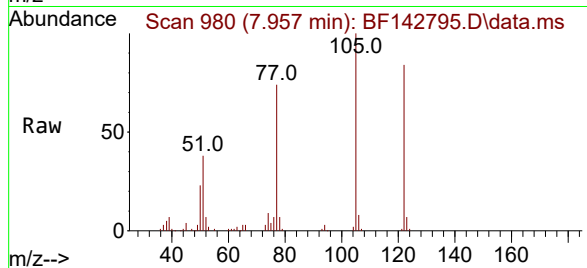




#32
Benzoic acid
Concen: 79.082 ng
RT: 7.957 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

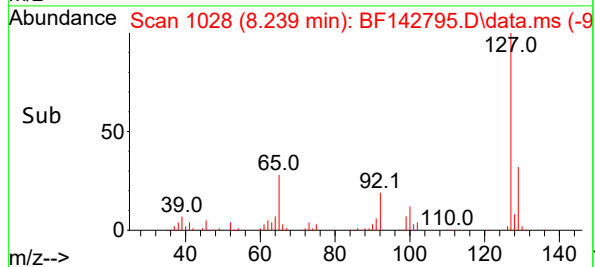
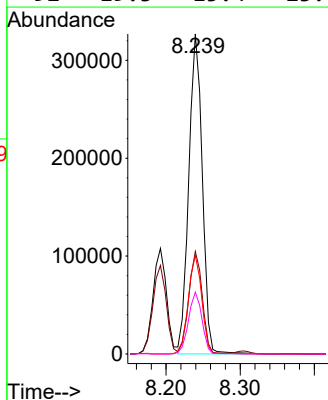
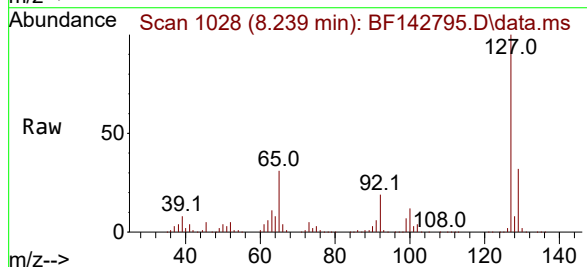
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

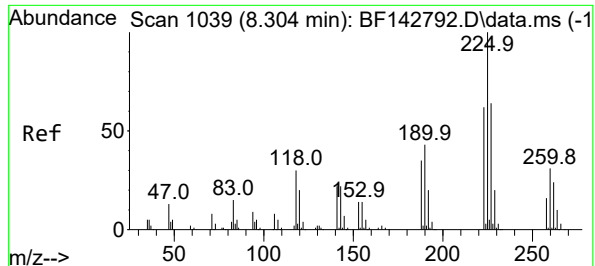
Tgt Ion:122 Resp: 192536
Ion Ratio Lower Upper
122 100
105 119.5 104.7 144.7
77 88.0 70.2 110.2



#33
4-Chloroaniline
Concen: 73.608 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:127 Resp: 413911
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 30.8 24.6 36.8
92 19.3 15.4 23.0

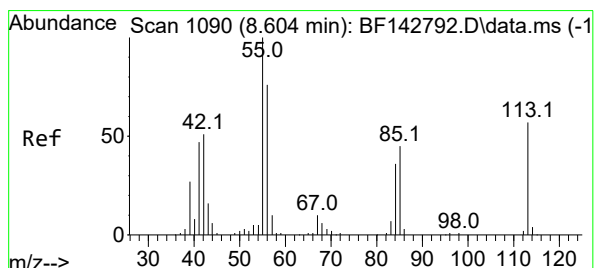
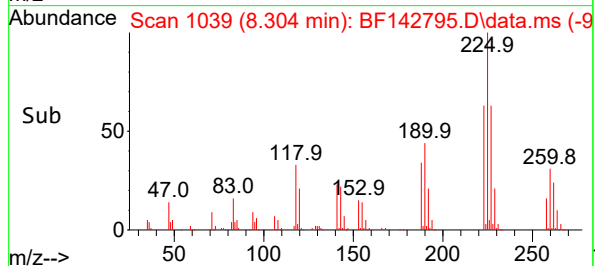
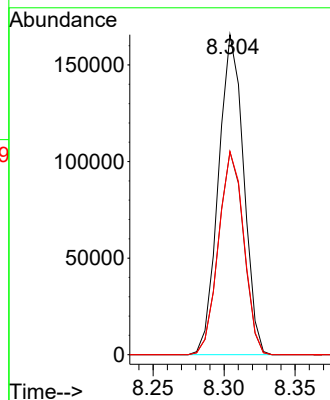
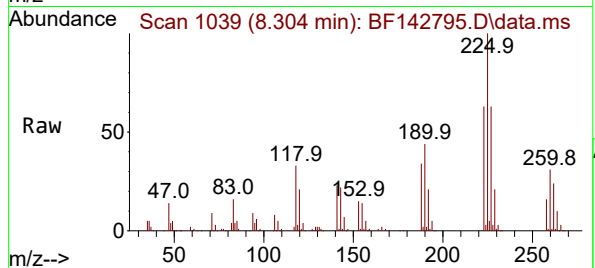




#34
Hexachlorobutadiene
Concen: 72.088 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

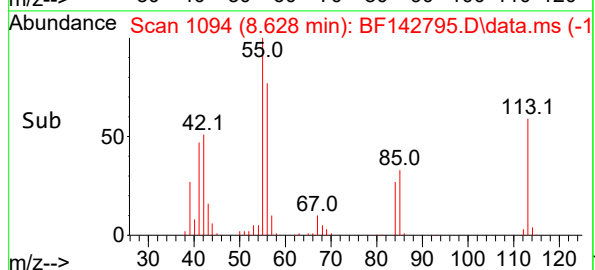
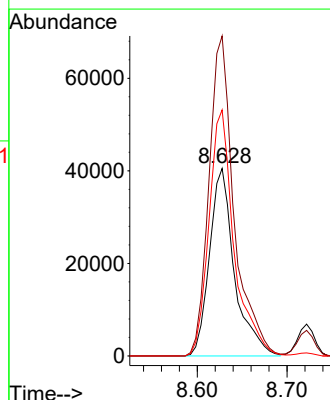
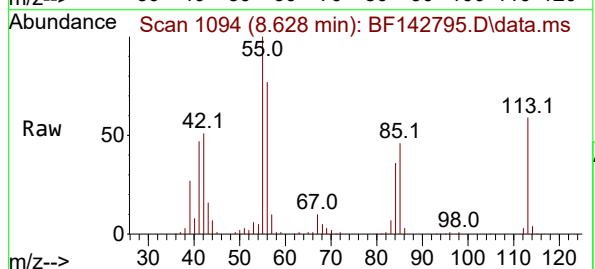
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

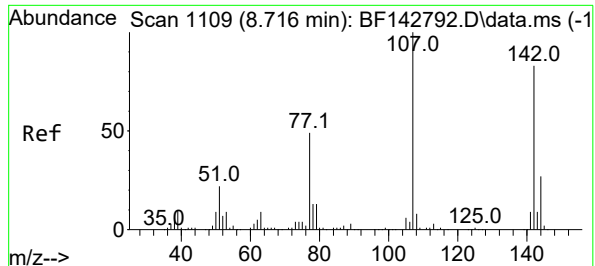
Tgt Ion:225 Resp: 204081
Ion Ratio Lower Upper
225 100
223 63.4 49.9 74.9
227 63.5 51.4 77.0



#35
Caprolactam
Concen: 71.952 ng
RT: 8.628 min Scan# 1094
Delta R.T. 0.024 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:113 Resp: 78302
Ion Ratio Lower Upper
113 100
55 170.6 154.4 194.4
56 131.2 112.1 152.1





#36

4-Chloro-3-methylphenol

Concen: 70.974 ng

RT: 8.722 min Scan# 1110

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

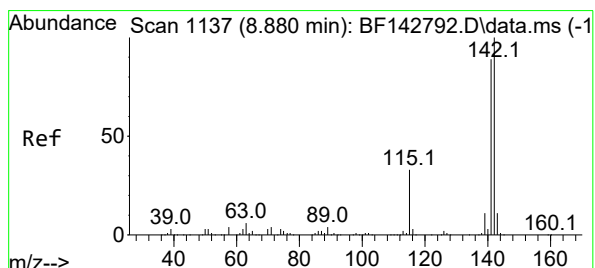
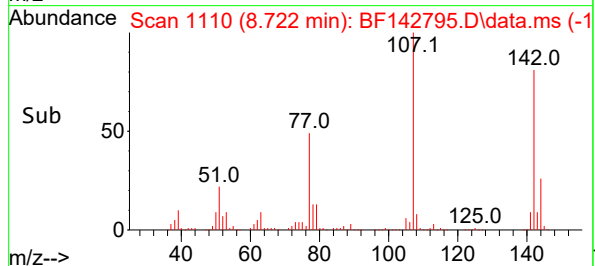
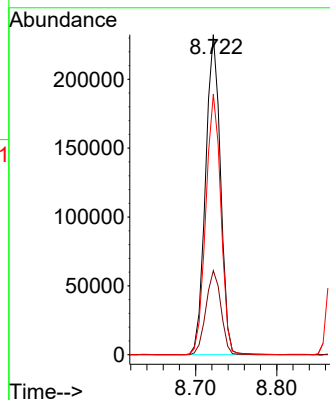
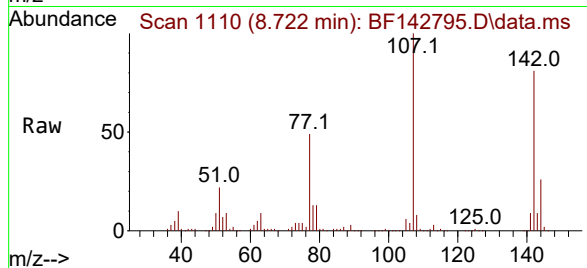
Tgt Ion:107 Resp: 296520

Ion Ratio Lower Upper

107 100

144 26.2 21.3 31.9

142 81.4 66.6 100.0



#37

2-Methylnaphthalene

Concen: 70.857 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF142795.D

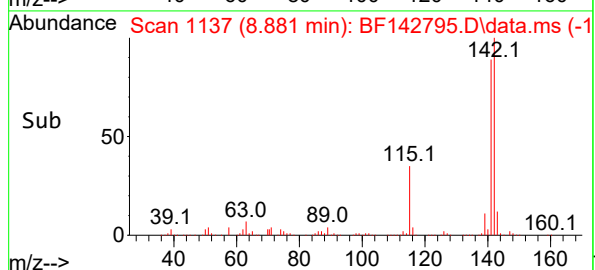
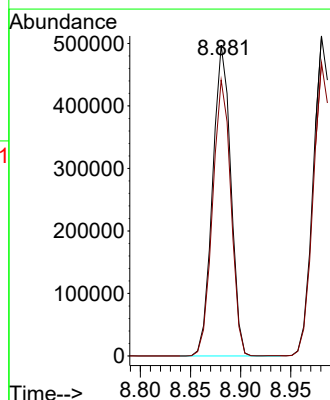
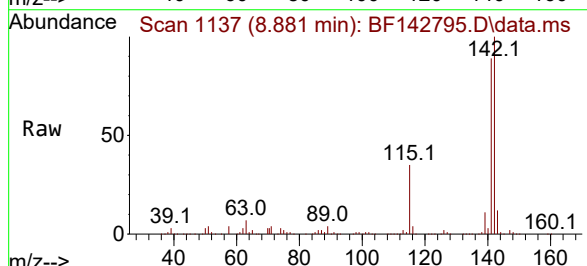
Acq: 19 Jun 2025 20:40

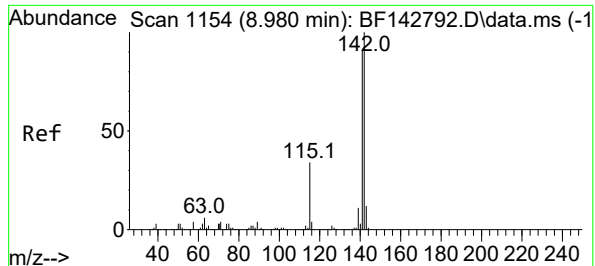
Tgt Ion:142 Resp: 627195

Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3





#38

1-Methylnaphthalene

Concen: 69.952 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

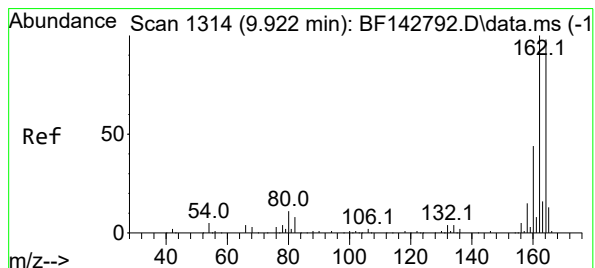
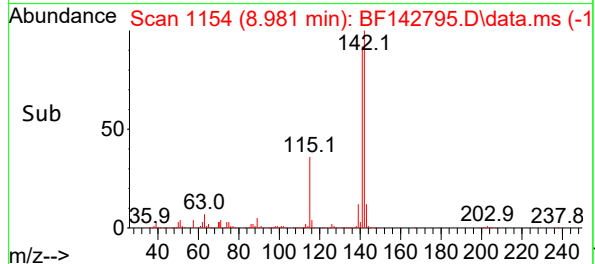
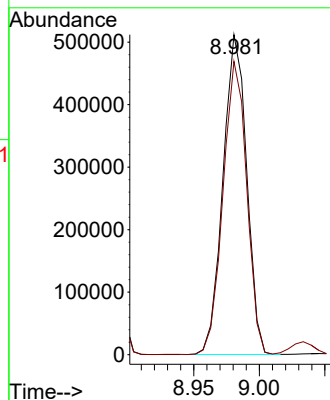
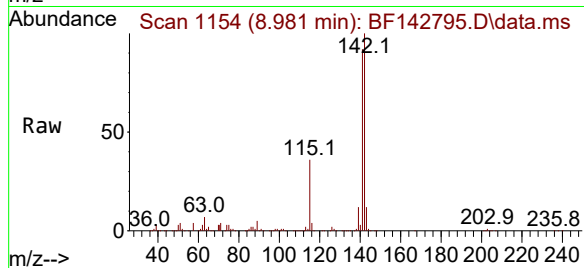
SSTDICC080

Tgt Ion:142 Resp: 642853

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

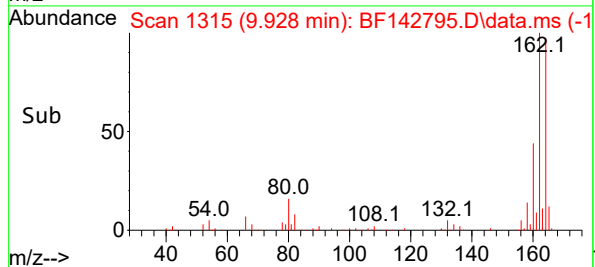
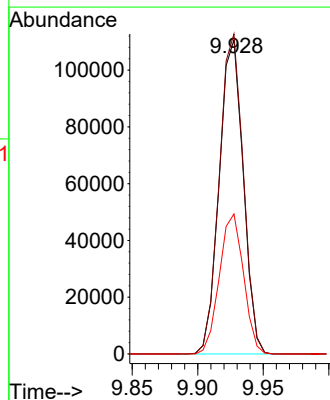
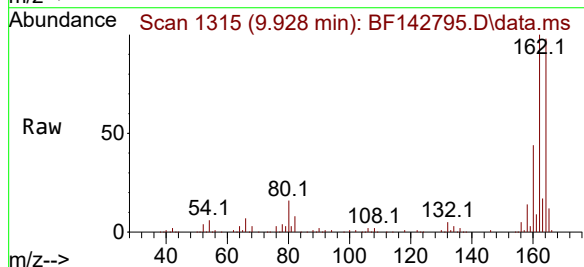
Tgt Ion:164 Resp: 140262

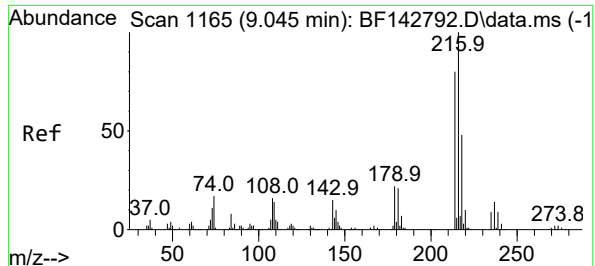
Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.8

160 44.6 36.0 54.0





#40

1,2,4,5-Tetrachlorobenzene

Concen: 78.028 ng

RT: 9.051 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 315930

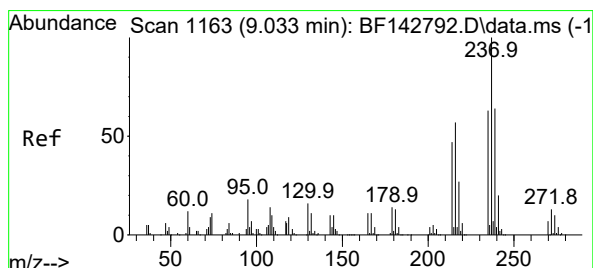
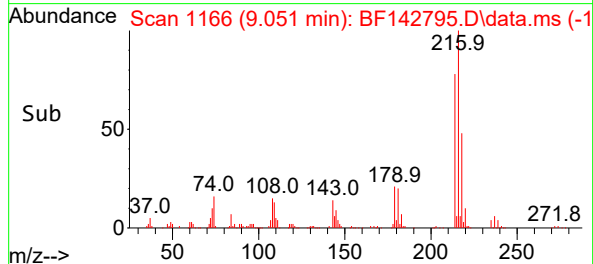
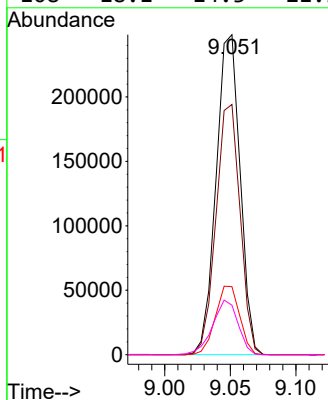
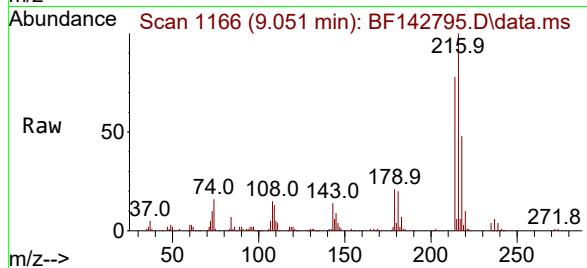
Ion Ratio Lower Upper

216 100

214 78.5 63.7 95.5

179 21.7 17.6 26.4

108 18.1 14.3 21.5



#41

Hexachlorocyclopentadiene

Concen: 85.183 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

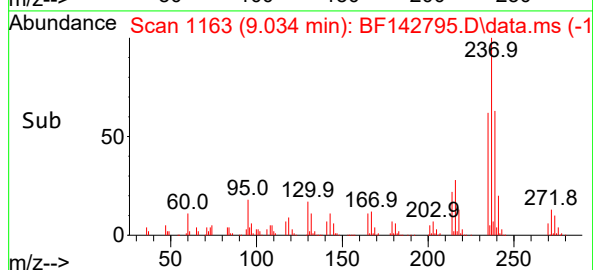
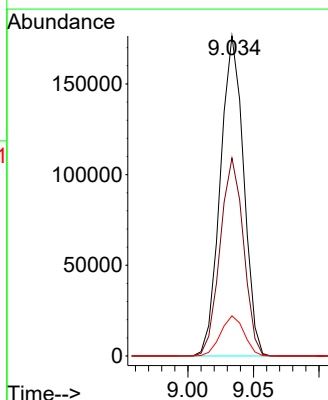
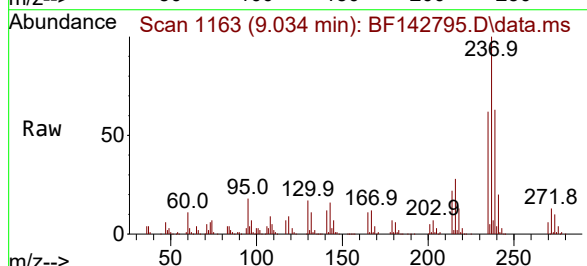
Tgt Ion:237 Resp: 218091

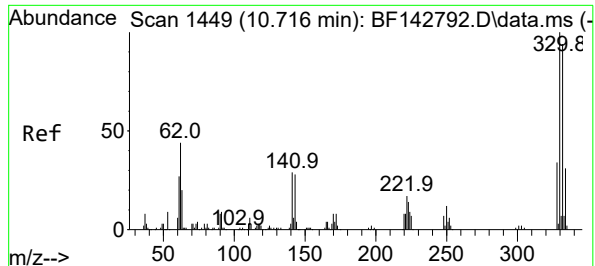
Ion Ratio Lower Upper

237 100

235 61.9 43.4 83.4

272 12.6 0.0 32.7





#42

2,4,6-Tribromophenol

Concen: 137.823 ng

RT: 10.722 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

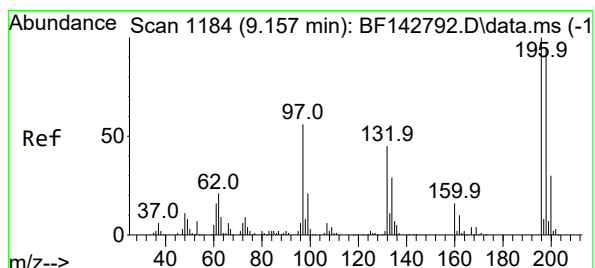
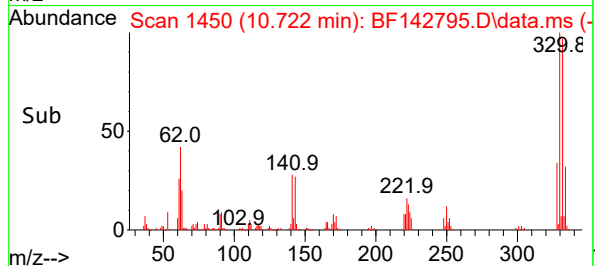
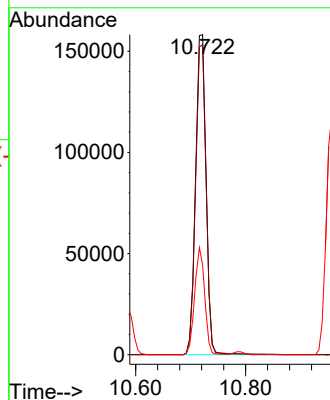
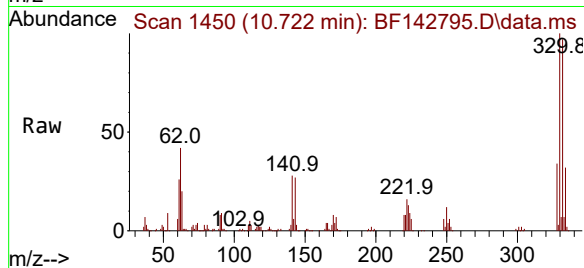
Tgt Ion:330 Resp: 210092

Ion Ratio Lower Upper

330 100

332 96.7 75.0 112.6

141 31.9 25.3 37.9



#43

2,4,6-Trichlorophenol

Concen: 79.375 ng

RT: 9.163 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

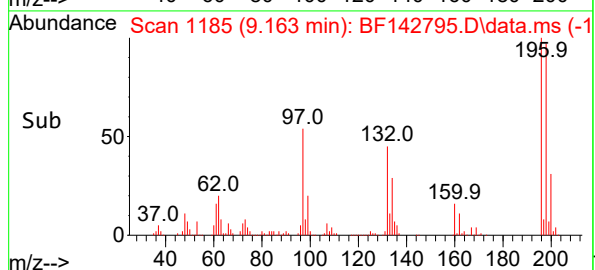
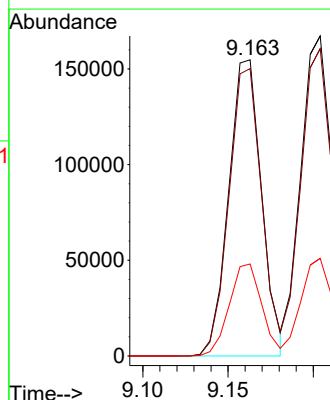
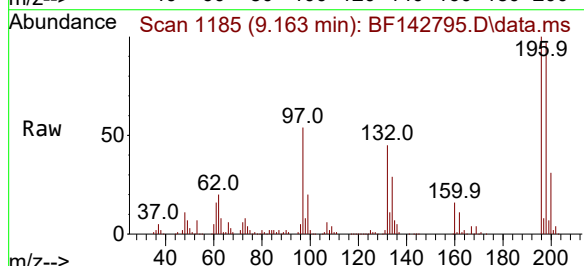
Tgt Ion:196 Resp: 207984

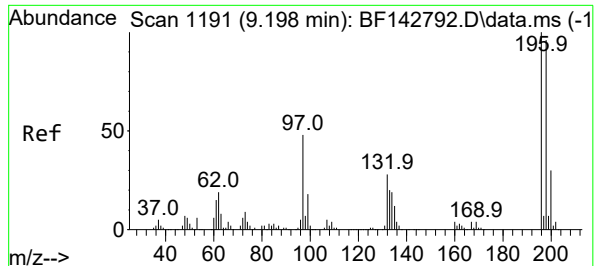
Ion Ratio Lower Upper

196 100

198 97.1 76.2 114.2

200 31.1 24.1 36.1





#44

2,4,5-Trichlorophenol

Concen: 76.993 ng

RT: 9.204 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 217860

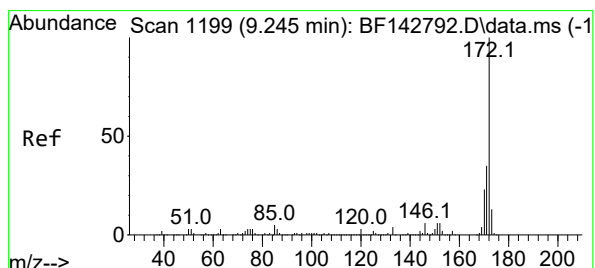
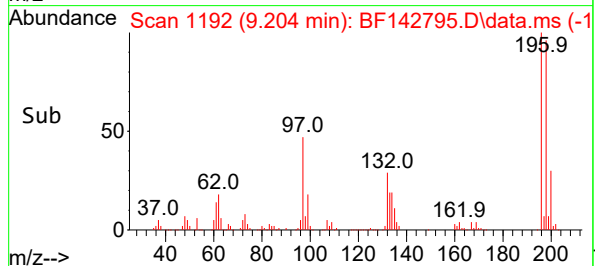
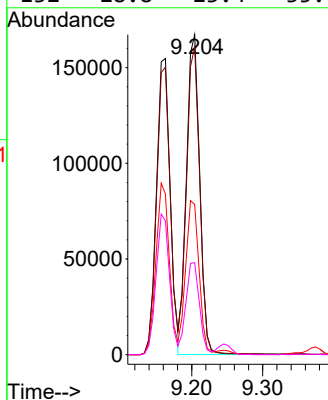
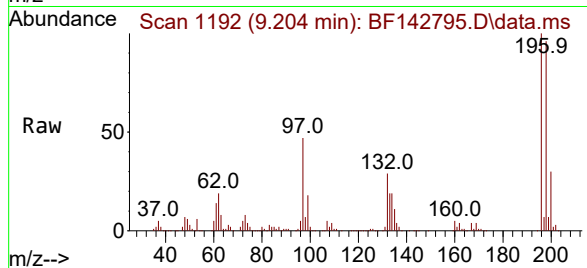
Ion Ratio Lower Upper

196 100

198 96.1 76.6 115.0

97 47.0 38.2 57.2

132 28.8 23.4 35.0



#45

2-Fluorobiphenyl

Concen: 143.770 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

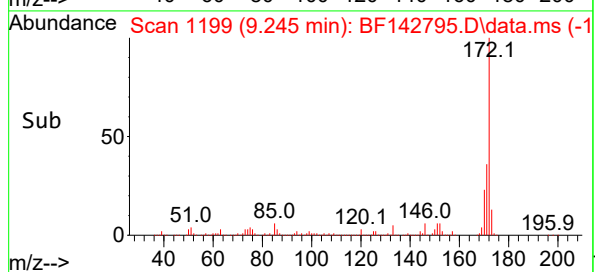
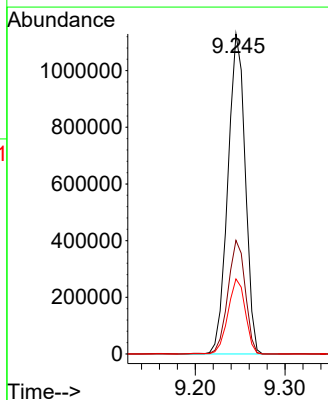
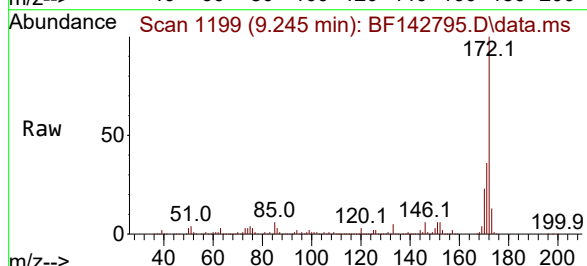
Tgt Ion:172 Resp: 1515847

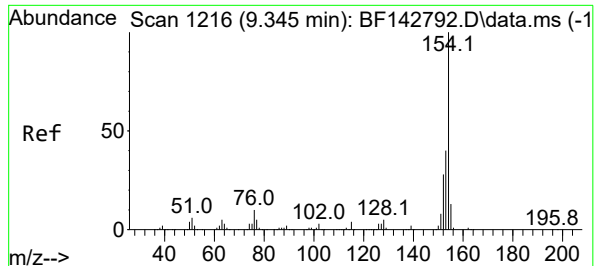
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.5 18.5 27.7





#46

1,1'-Biphenyl

Concen: 75.525 ng

RT: 9.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

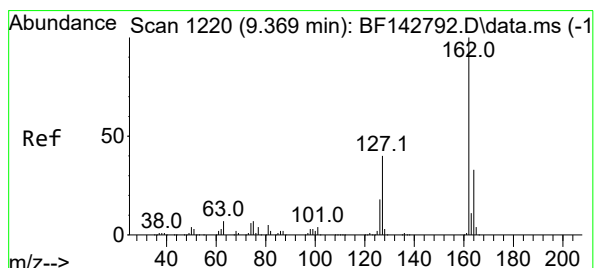
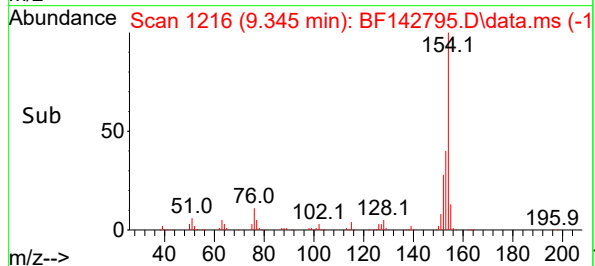
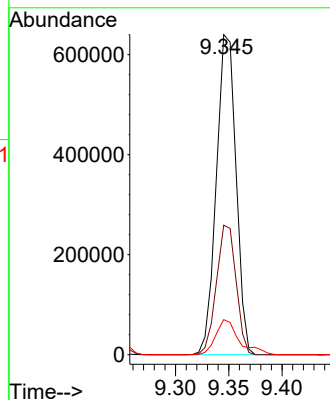
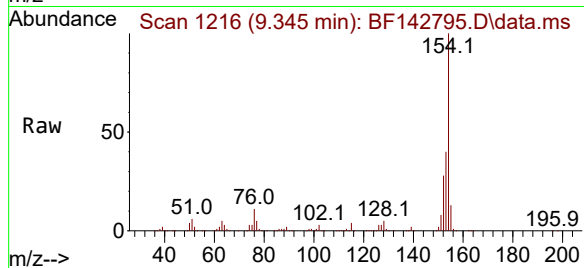
Tgt Ion:154 Resp: 822529

Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 10.9 0.0 30.3



#47

2-Chloronaphthalene

Concen: 77.199 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

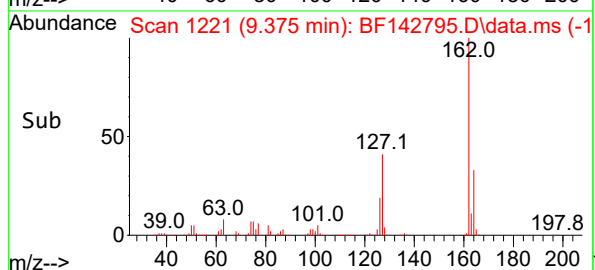
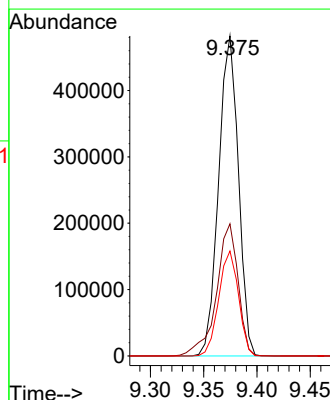
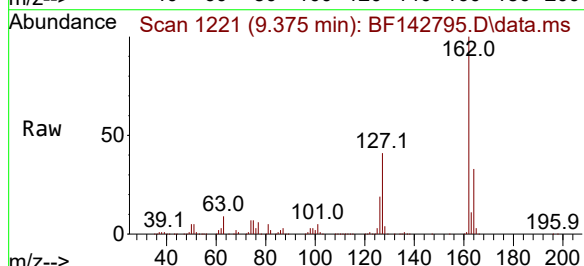
Tgt Ion:162 Resp: 620399

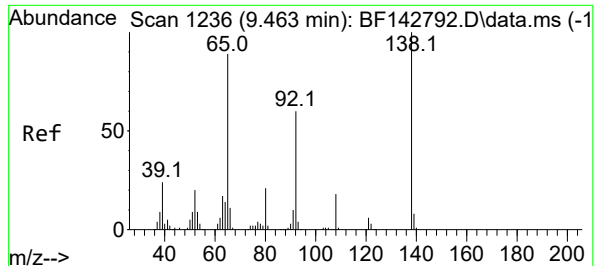
Ion Ratio Lower Upper

162 100

127 41.3 32.2 48.2

164 32.8 26.1 39.1

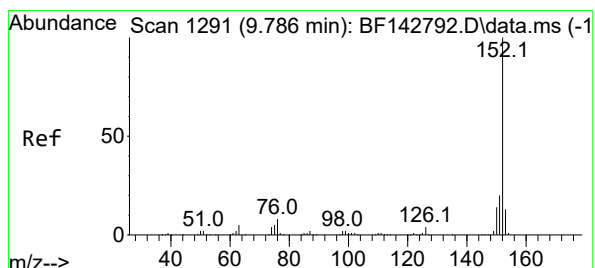
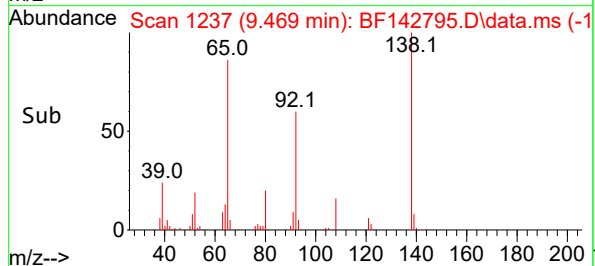
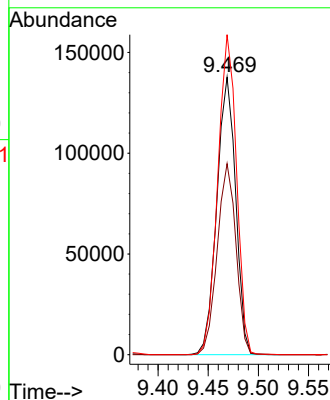
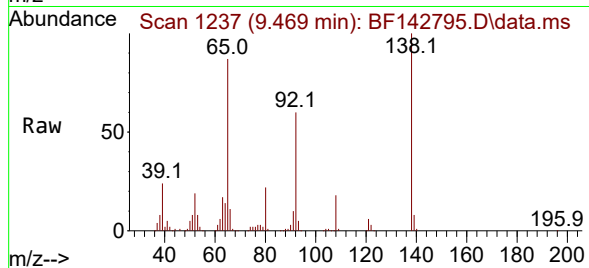




#48
2-Nitroaniline
Concen: 78.716 ng
RT: 9.469 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

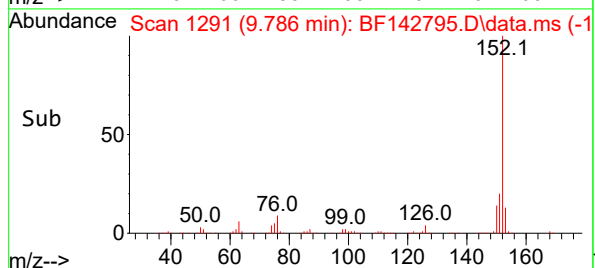
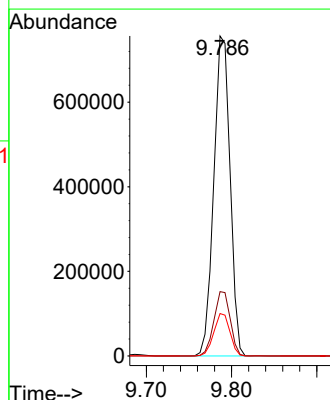
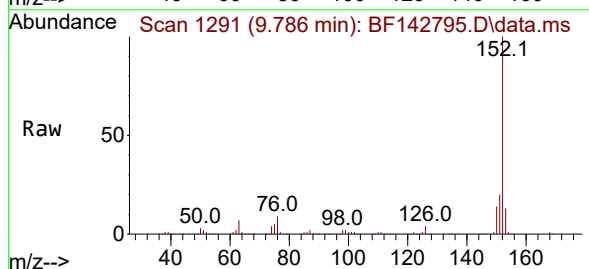
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

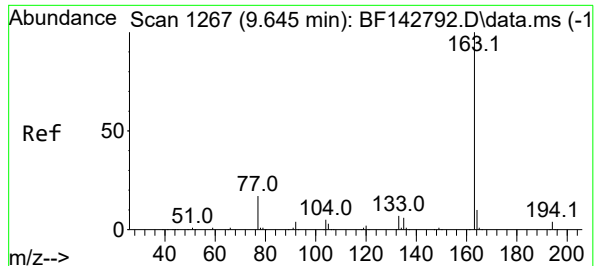
Tgt Ion: 65 Resp: 179718
Ion Ratio Lower Upper
65 100
92 68.8 53.8 80.6
138 115.3 89.6 134.4



#49
Acenaphthylene
Concen: 74.207 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 152 Resp: 1002569
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.2 10.4 15.6





#50

Dimethylphthalate

Concen: 71.510 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

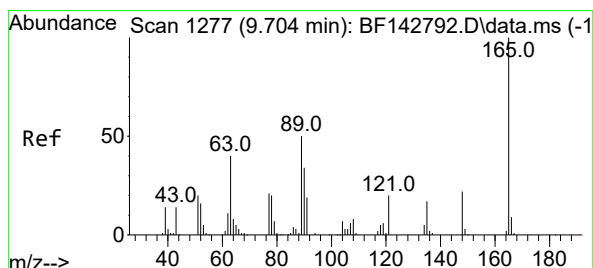
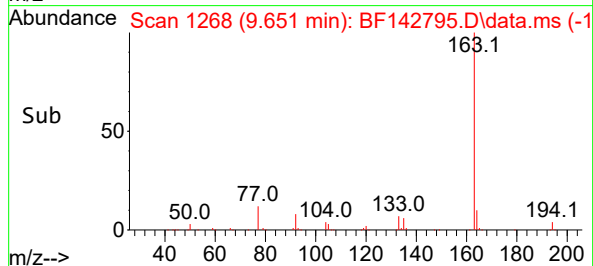
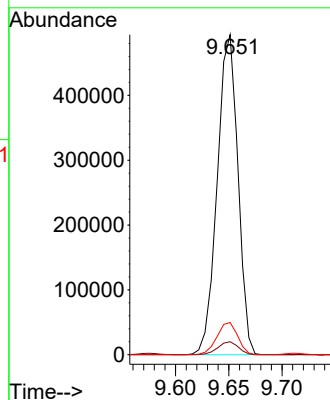
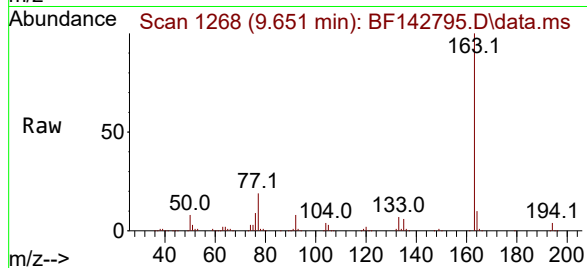
Tgt Ion:163 Resp: 665322

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.0 12.0



#51

2,6-Dinitrotoluene

Concen: 74.654 ng

RT: 9.710 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

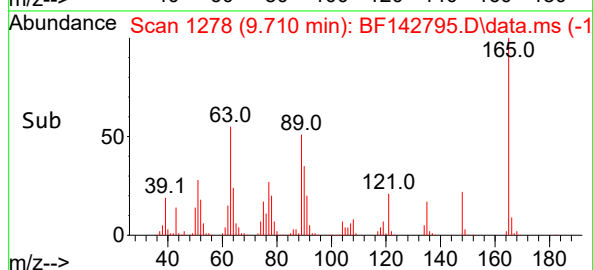
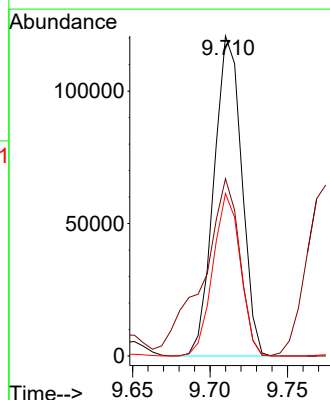
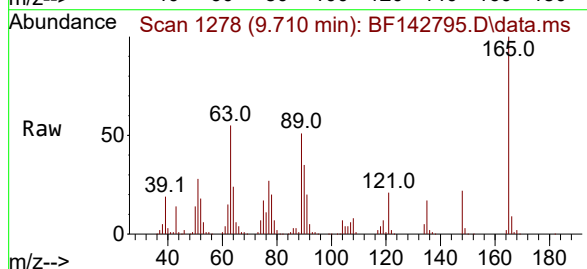
Tgt Ion:165 Resp: 150567

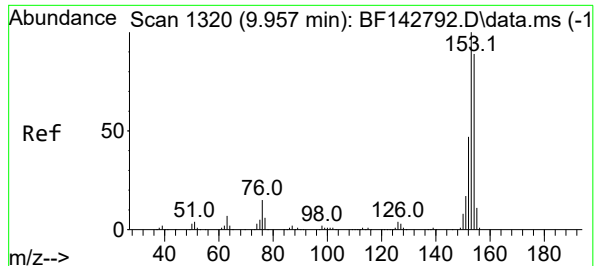
Ion Ratio Lower Upper

165 100

63 55.4 44.2 66.4

89 50.8 39.8 59.8





#52

Acenaphthene

Concen: 74.322 ng

RT: 9.963 min Scan# 1321

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

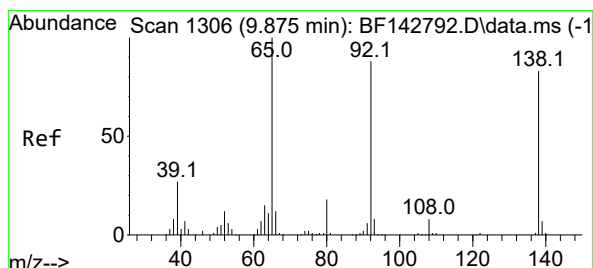
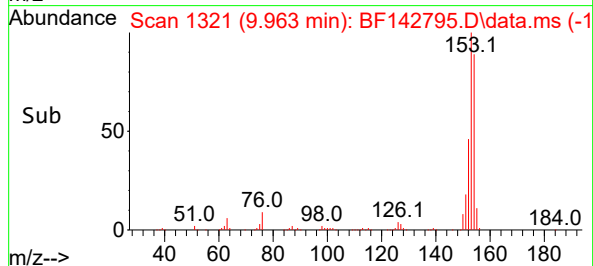
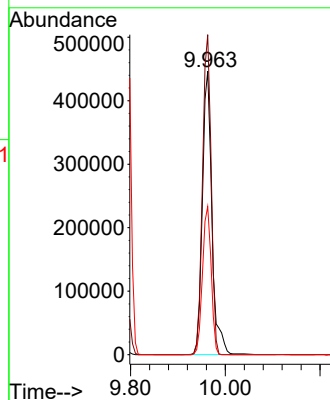
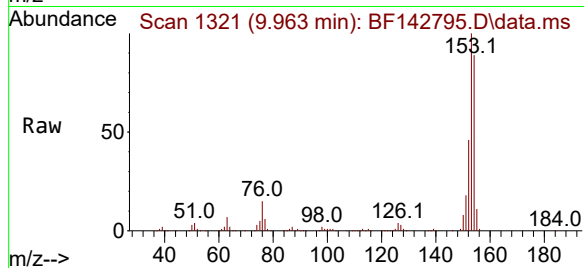
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:154 Resp: 621336

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.0	135.0
152	52.3	41.9	62.9



#53

3-Nitroaniline

Concen: 74.903 ng

RT: 9.881 min Scan# 1307

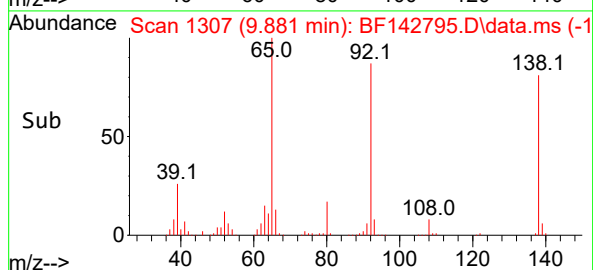
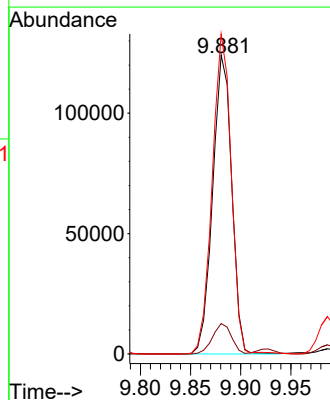
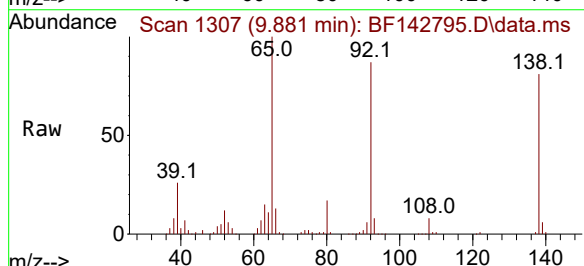
Delta R.T. 0.006 min

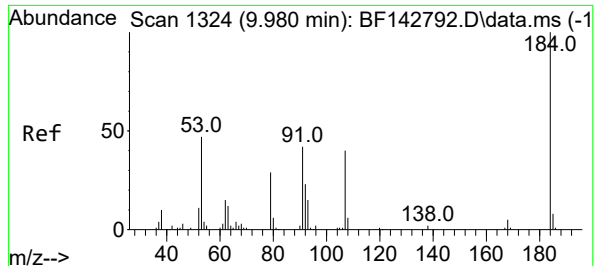
Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Tgt Ion:138 Resp: 164090

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.1	12.1
92	107.1	85.1	127.7





#54

2,4-Dinitrophenol

Concen: 78.050 ng

RT: 9.986 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

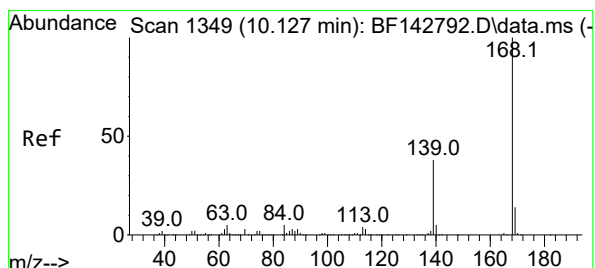
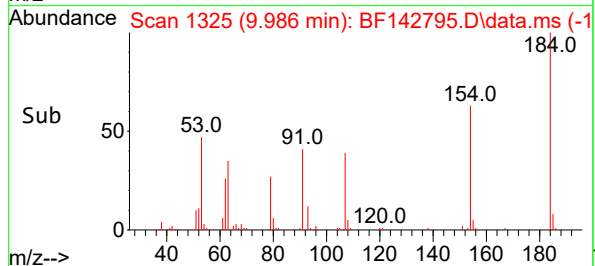
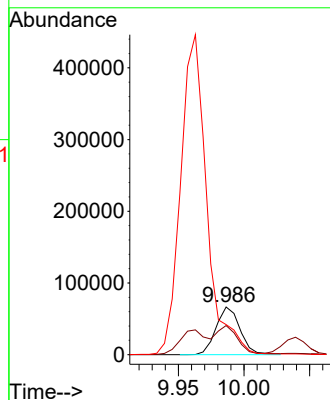
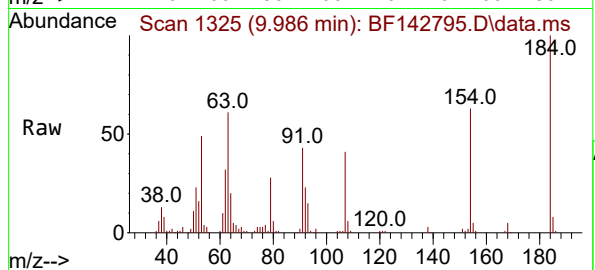
Tgt Ion:184 Resp: 85185

Ion Ratio Lower Upper

184 100

63 61.0 50.6 75.8

154 63.1 51.8 77.8



#55

Dibenzofuran

Concen: 72.277 ng

RT: 10.133 min Scan# 1350

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

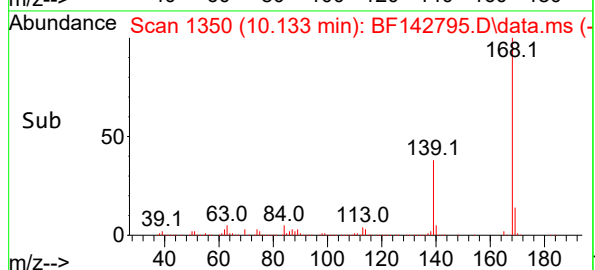
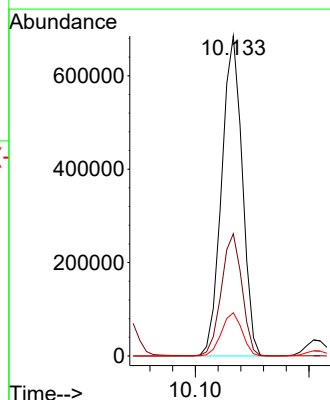
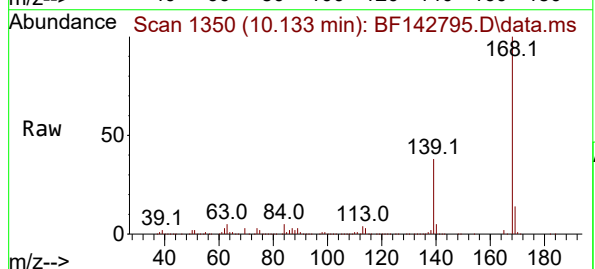
Tgt Ion:168 Resp: 862110

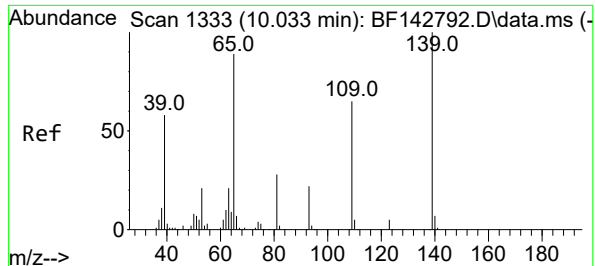
Ion Ratio Lower Upper

168 100

139 38.2 30.2 45.4

169 13.5 10.8 16.2

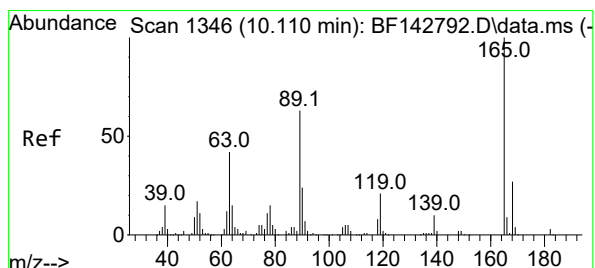
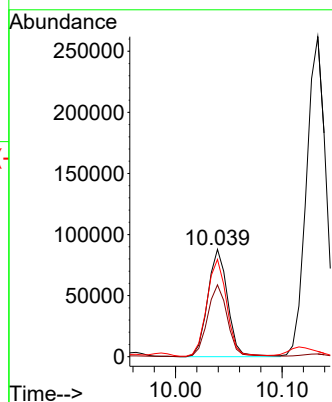
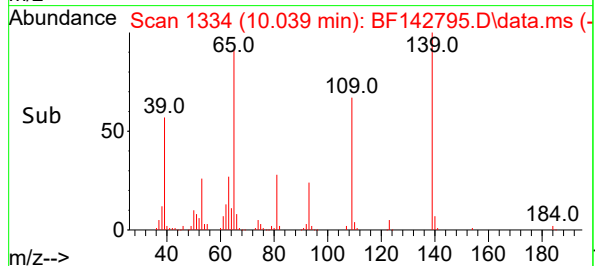
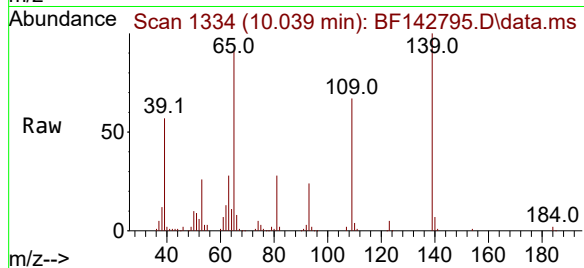




#56
4-Nitrophenol
Concen: 76.771 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

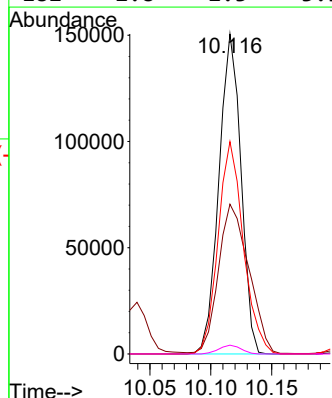
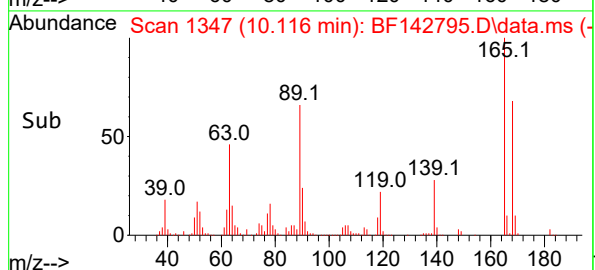
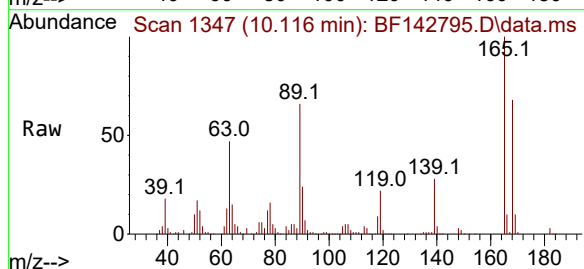
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

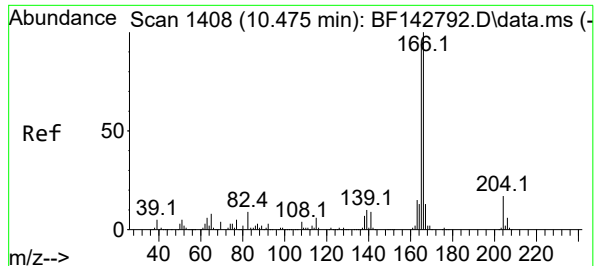
Tgt Ion:139 Resp: 114163
Ion Ratio Lower Upper
139 100
109 67.0 44.7 84.7
65 90.7 69.8 109.8



#57
2,4-Dinitrotoluene
Concen: 71.128 ng
RT: 10.116 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:165 Resp: 189684
Ion Ratio Lower Upper
165 100
63 46.8 33.9 50.9
89 66.3 50.6 75.8
182 2.8 2.3 3.5

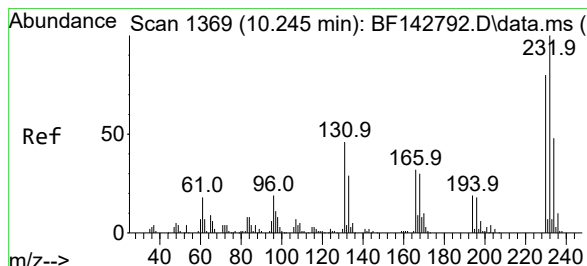
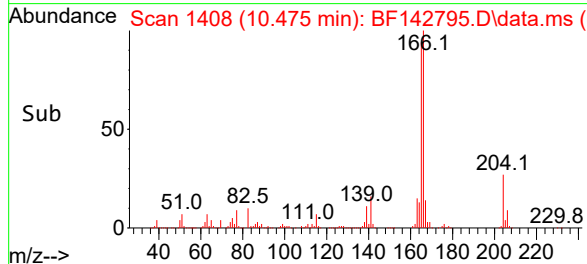
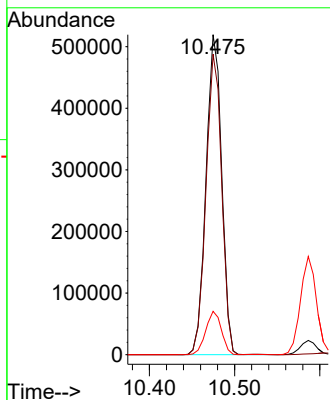
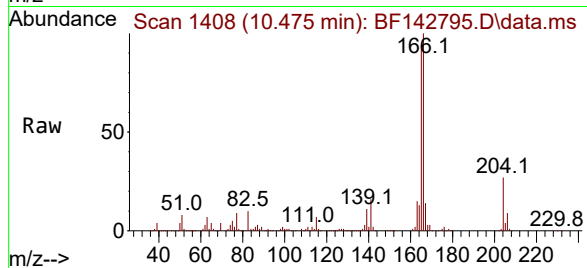




#58
Fluorene
Concen: 70.475 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

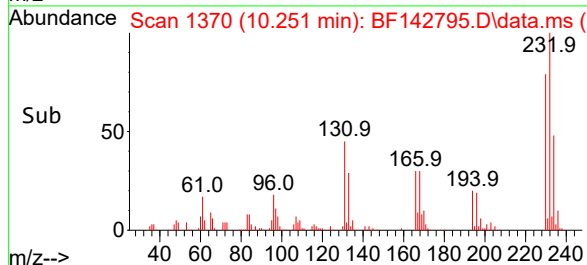
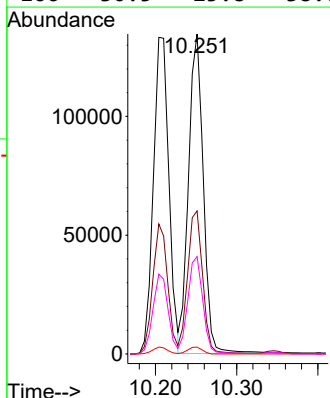
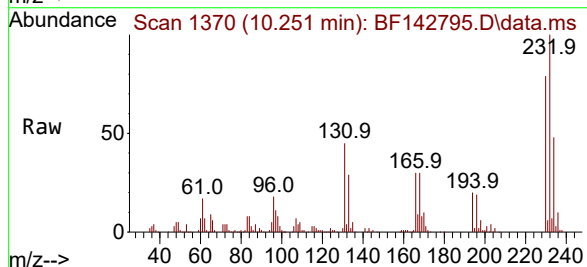
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

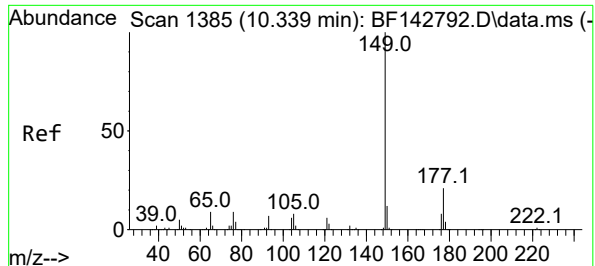
Tgt Ion:166 Resp: 663463
Ion Ratio Lower Upper
166 100
165 93.9 75.2 112.8
167 13.5 10.6 15.8



#59
2,3,4,6-Tetrachlorophenol
Concen: 71.850 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:232 Resp: 170453
Ion Ratio Lower Upper
232 100
131 45.0 37.6 56.4
130 2.1 1.7 2.5
166 30.5 25.8 38.6

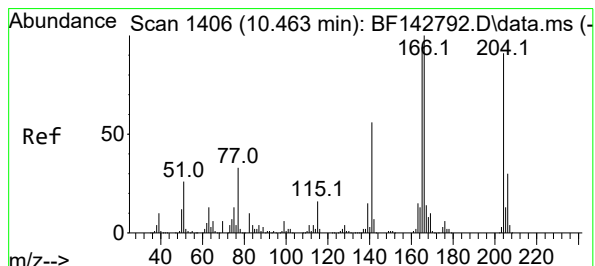
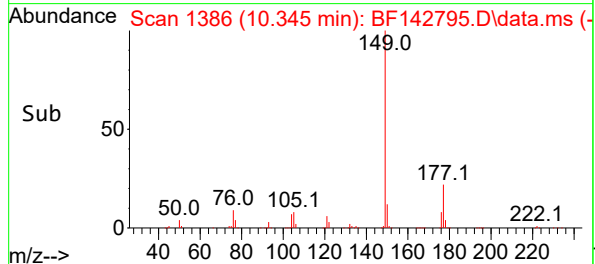
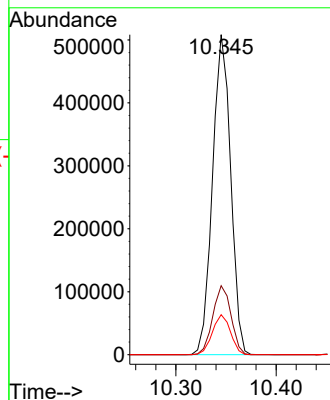
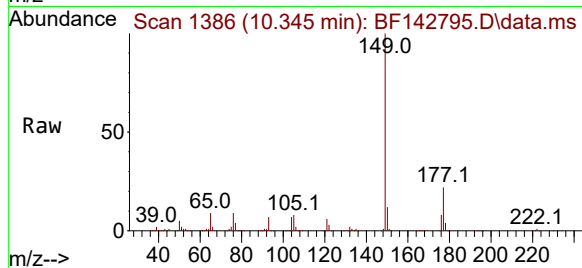




#60
Diethylphthalate
Concen: 69.265 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

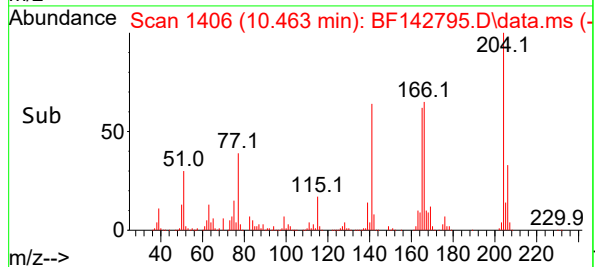
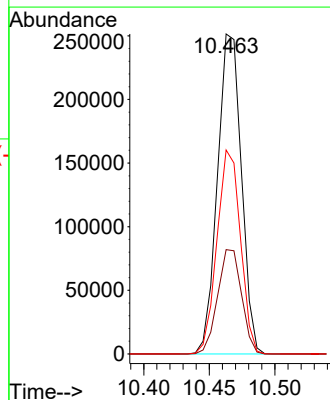
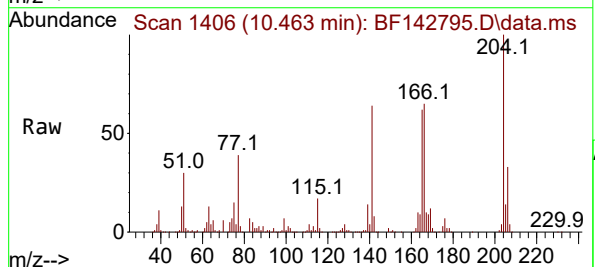
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

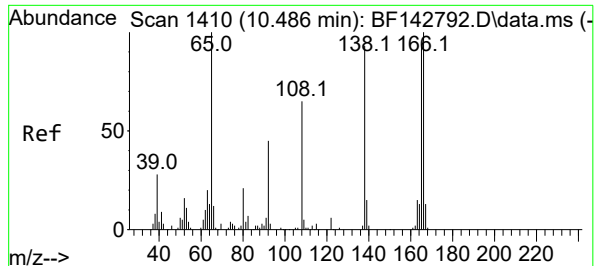
Tgt Ion:149 Resp: 640148
Ion Ratio Lower Upper
149 100
177 21.6 17.0 25.6
150 12.5 9.8 14.6



#61
4-Chlorophenyl-phenylether
Concen: 69.722 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:204 Resp: 318782
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 63.8 49.1 73.7

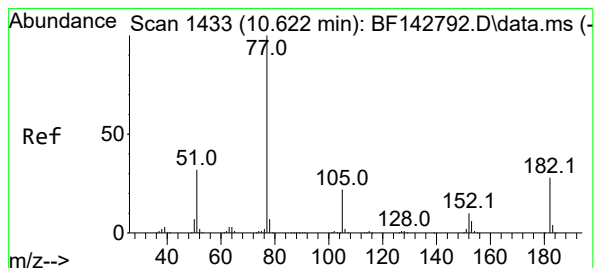
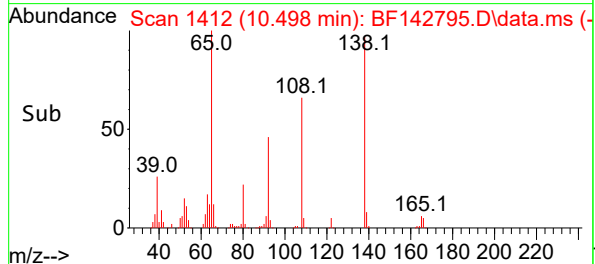
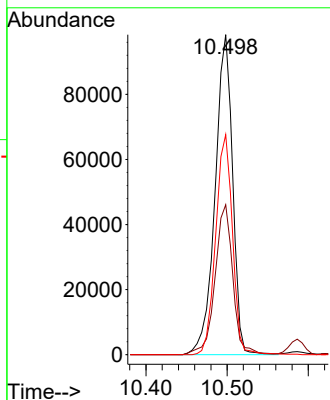
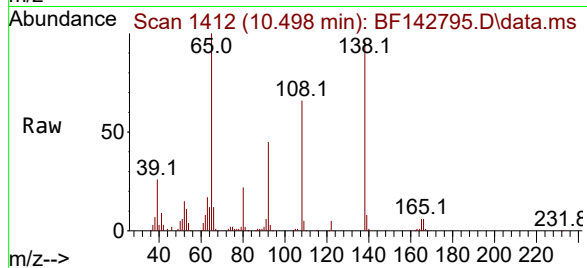




#62
4-Nitroaniline
Concen: 75.193 ng
RT: 10.498 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

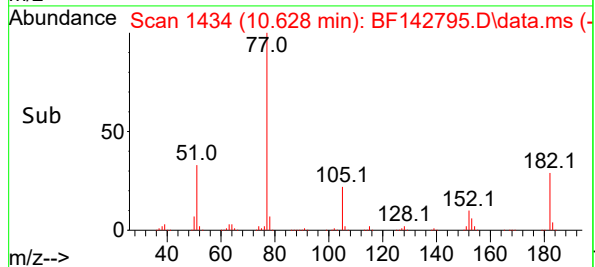
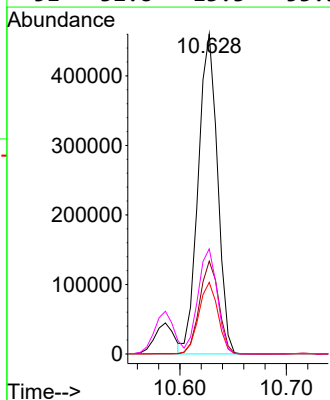
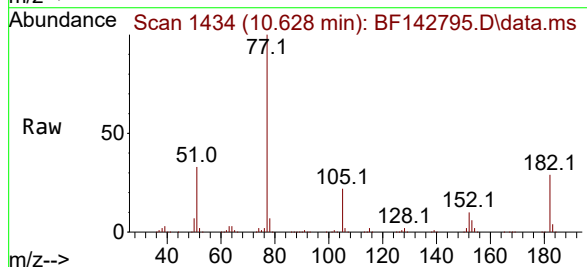
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

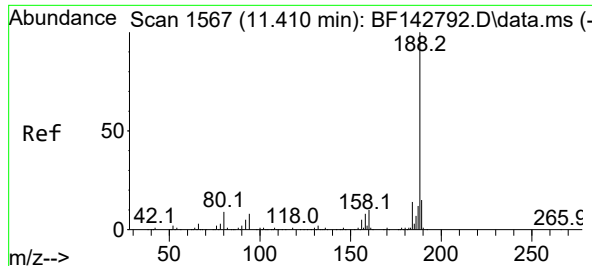
Tgt Ion:138 Resp: 147879
Ion Ratio Lower Upper
138 100
92 46.8 28.4 68.4
108 68.8 50.2 90.2



#63
Azobenzene
Concen: 71.659 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion: 77 Resp: 578765
Ion Ratio Lower Upper
77 100
182 29.0 7.7 47.7
105 22.4 1.9 41.9
51 32.8 13.3 53.3

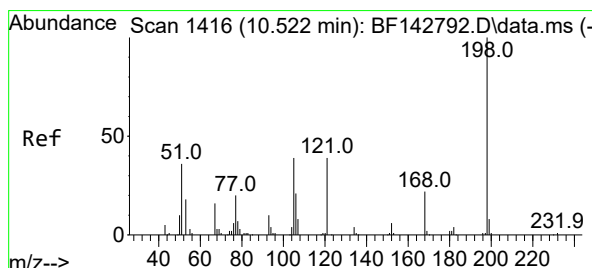
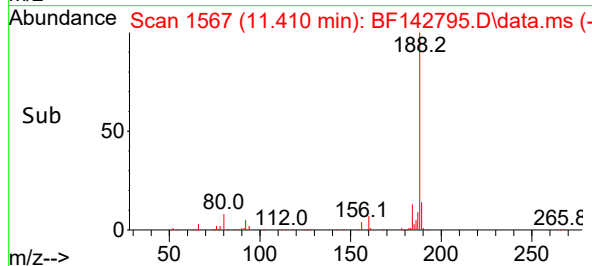
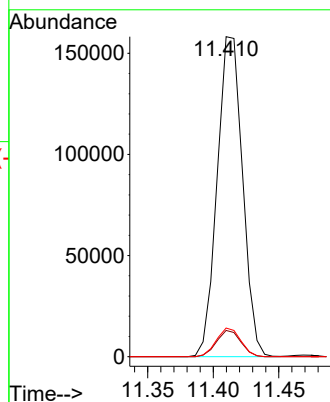
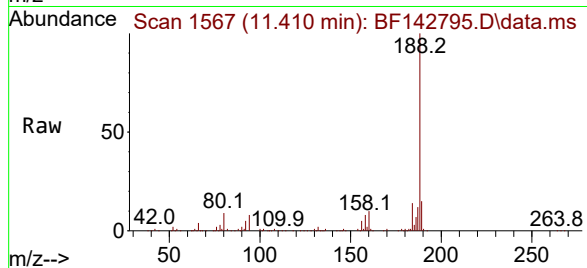




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

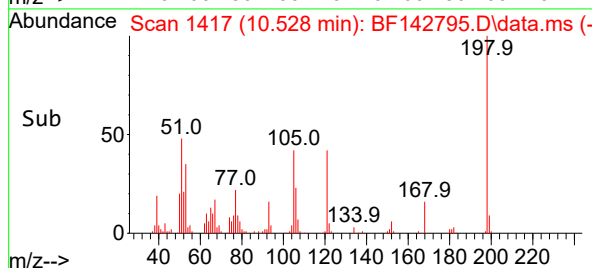
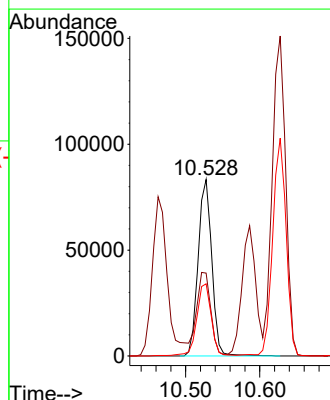
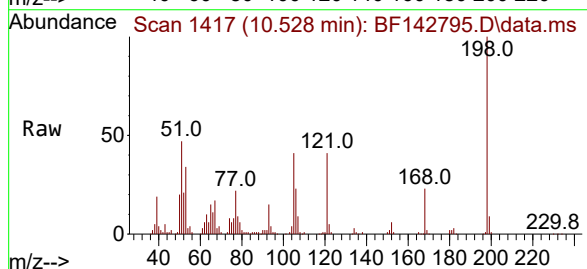
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

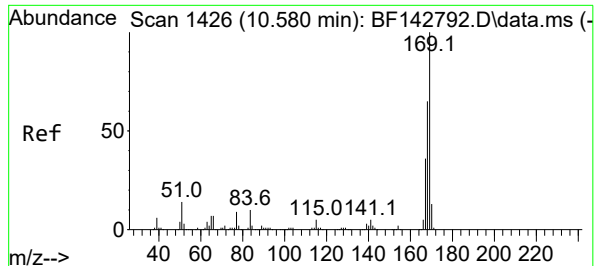
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.0	6.9	10.3



#65
4,6-Dinitro-2-methylphenol
Concen: 80.401 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.0	25.4	65.4
105	40.9	20.4	60.4

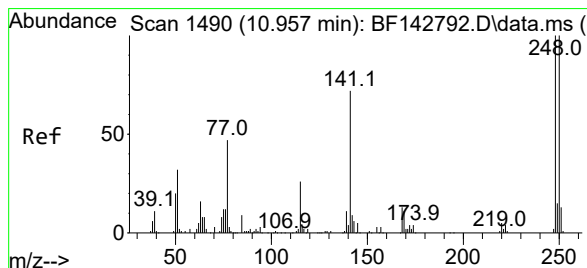
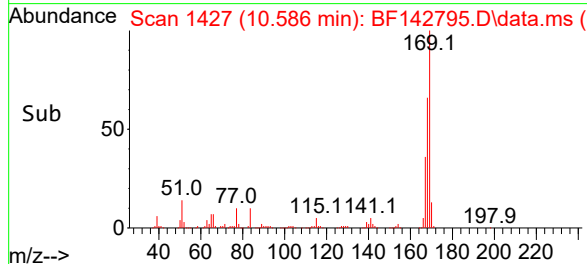
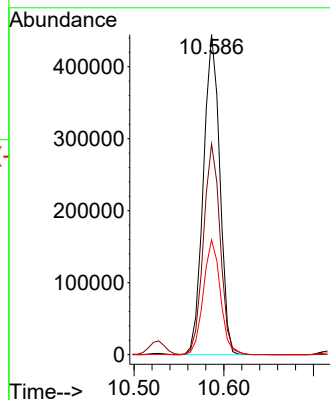
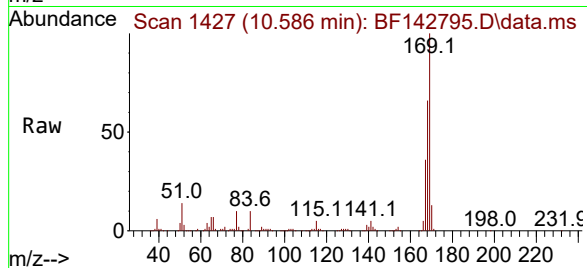




#66
n-Nitrosodiphenylamine
Concen: 77.075 ng
RT: 10.586 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

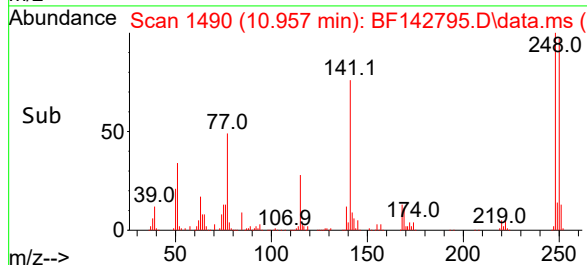
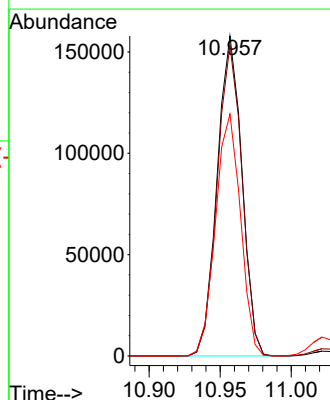
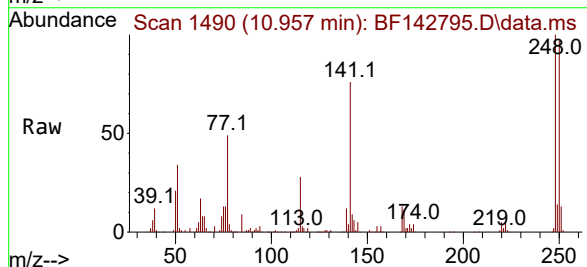
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

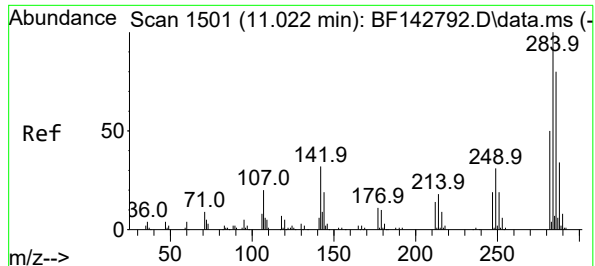
Tgt Ion:169 Resp: 564677
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 35.9 28.5 42.7



#67
4-Bromophenyl-phenylether
Concen: 76.768 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:248 Resp: 191698
Ion Ratio Lower Upper
248 100
250 97.2 79.8 119.8
141 75.6 57.8 86.6

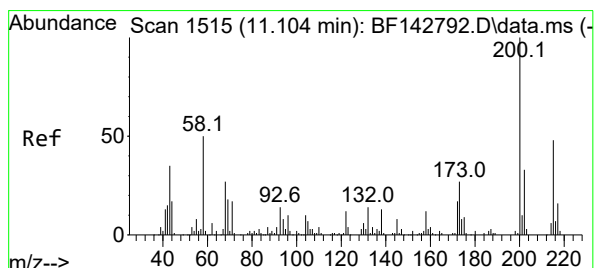
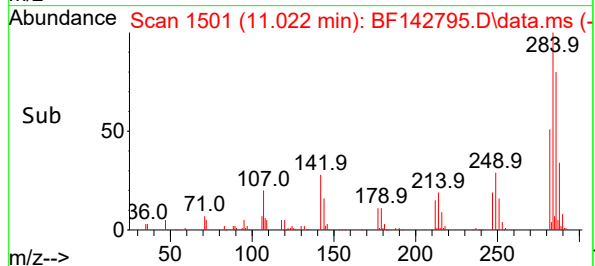
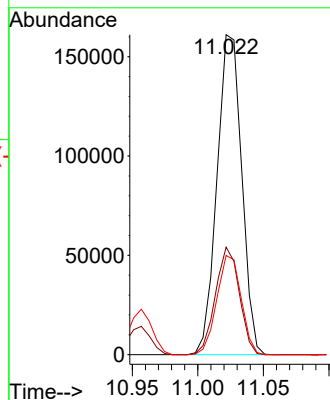
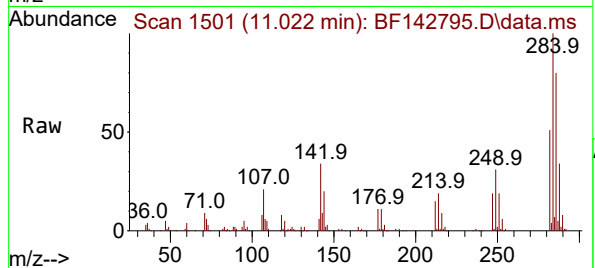




#68
Hexachlorobenzene
Concen: 76.086 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

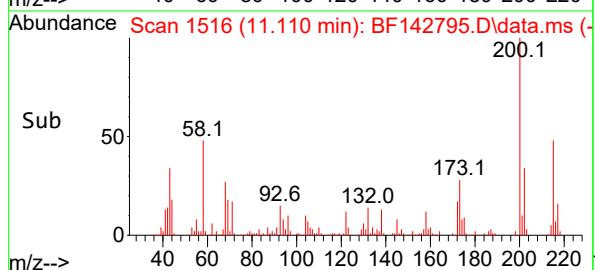
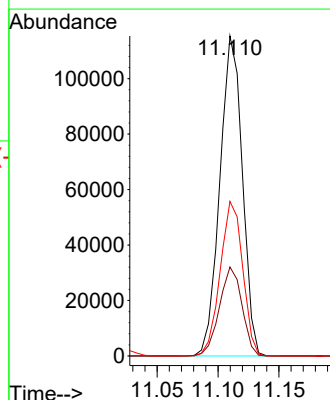
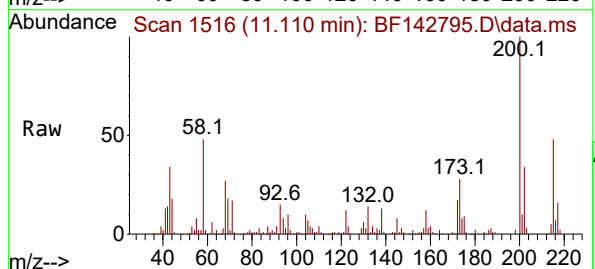
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

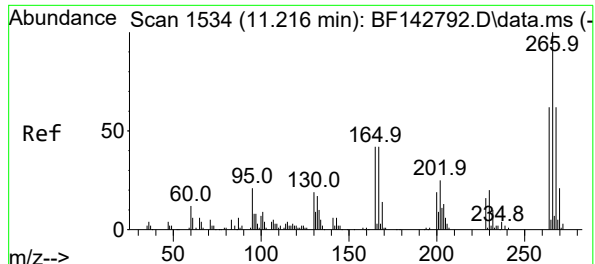
Tgt Ion:284 Resp: 210925
Ion Ratio Lower Upper
284 100
142 33.6 25.5 38.3
249 31.0 24.9 37.3



#69
Atrazine
Concen: 76.143 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:200 Resp: 148117
Ion Ratio Lower Upper
200 100
173 27.8 7.4 47.4
215 48.3 28.4 68.4

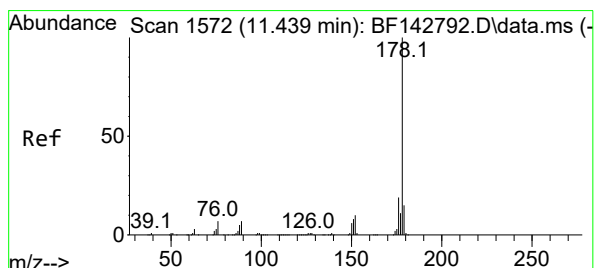
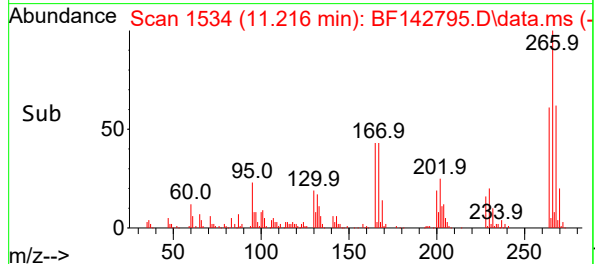
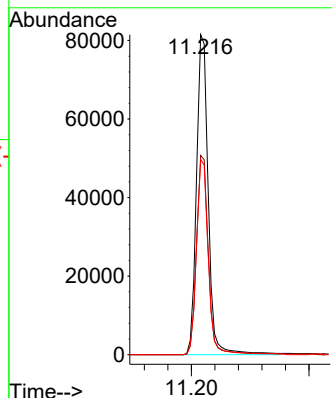
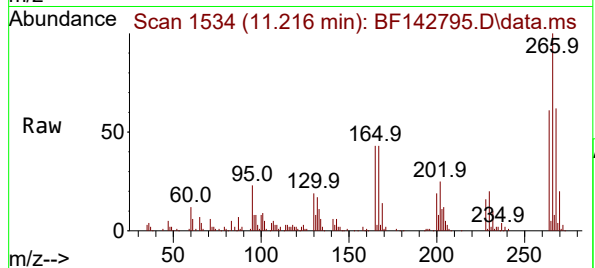




#70
Pentachlorophenol
Concen: 78.555 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

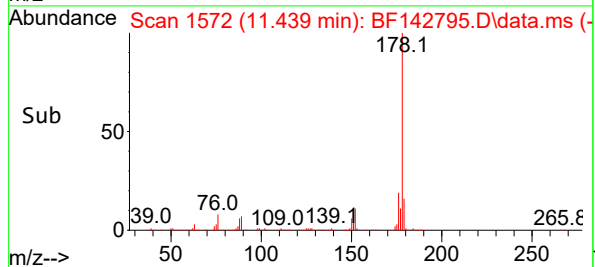
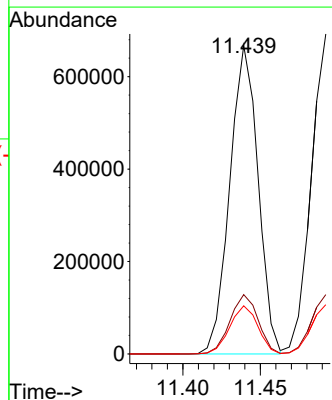
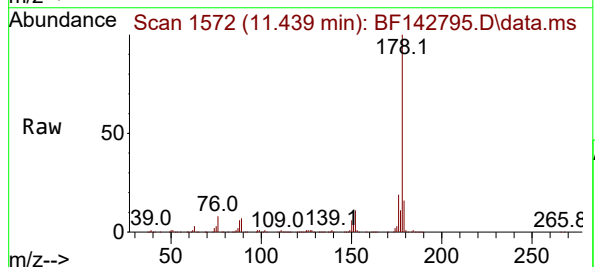
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

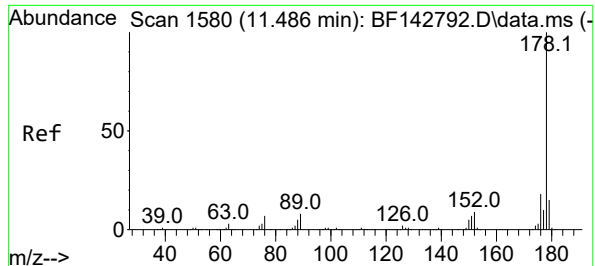
Tgt Ion:266 Resp: 113104
Ion Ratio Lower Upper
266 100
268 62.2 49.8 74.8
264 61.0 49.9 74.9



#71
Phenanthrene
Concen: 74.102 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:178 Resp: 845899
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.6 12.0 18.0

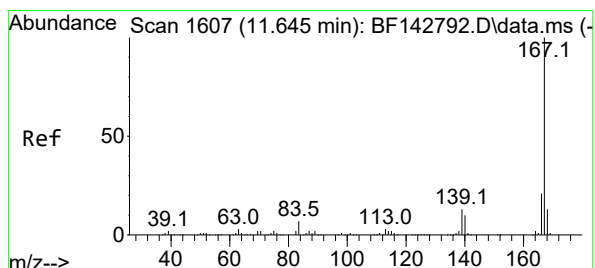
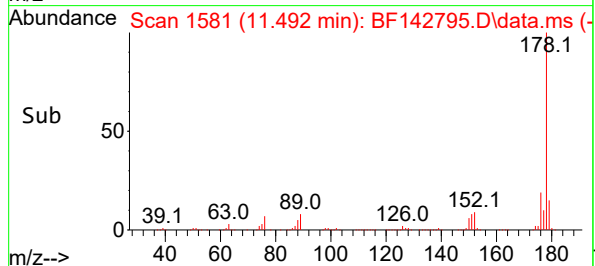
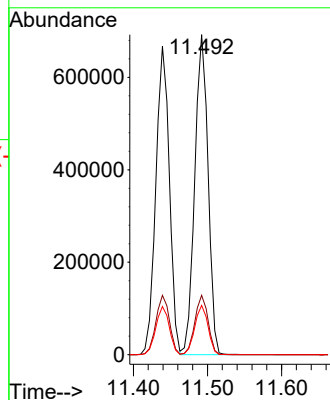
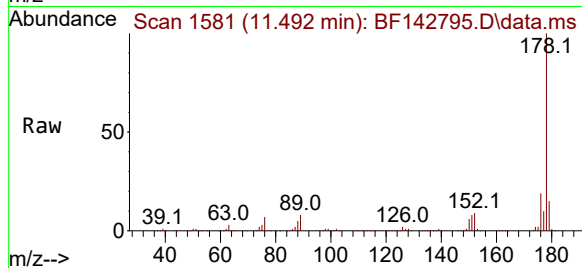




#72
Anthracene
Concen: 73.008 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

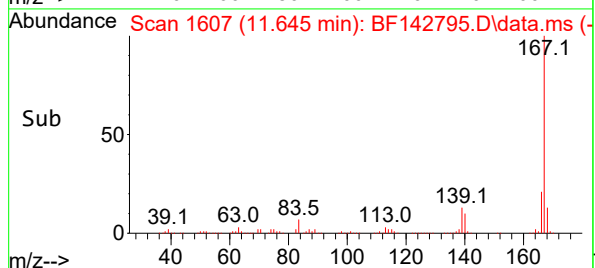
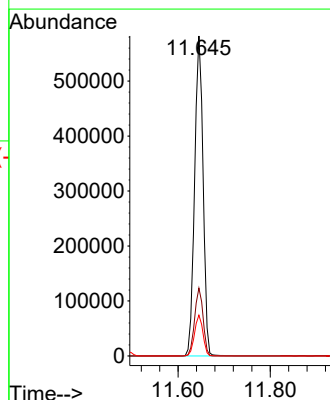
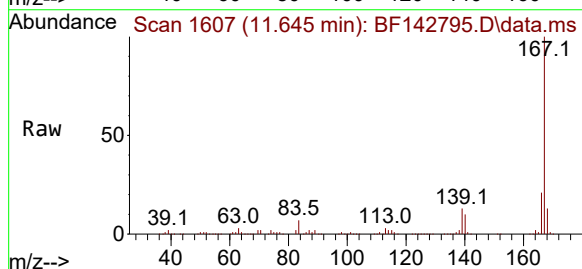
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

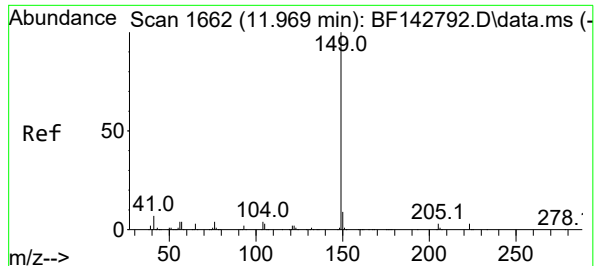
Tgt Ion:178 Resp: 862662
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.4 12.4 18.6



#73
Carbazole
Concen: 74.602 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:167 Resp: 738174
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.7 10.2 15.2

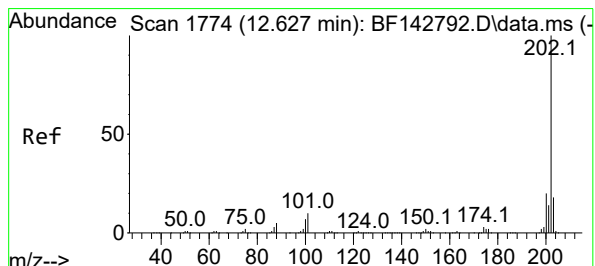
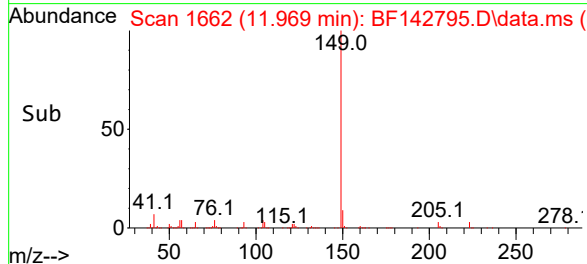
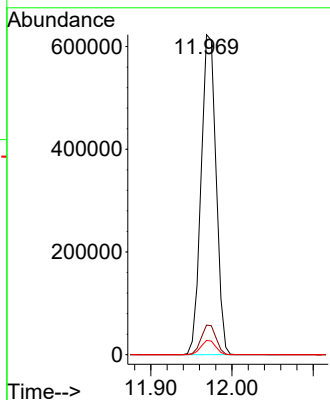
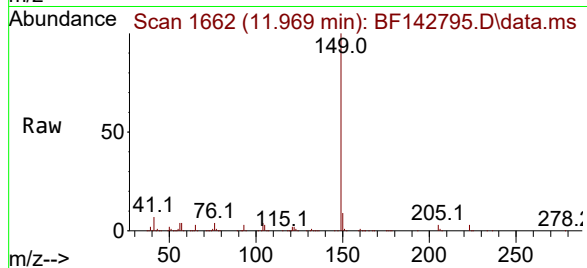




#74
Di-n-butylphthalate
Concen: 72.884 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

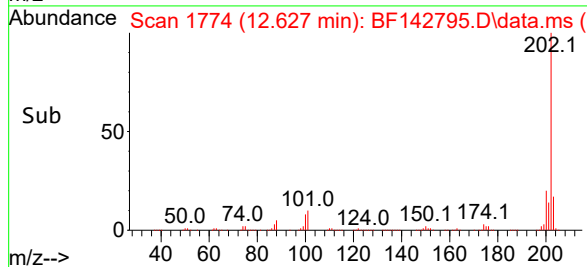
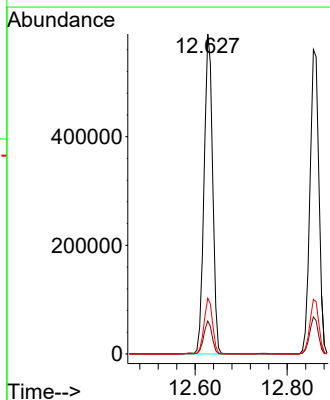
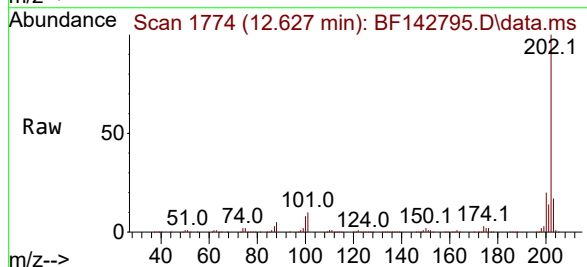
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

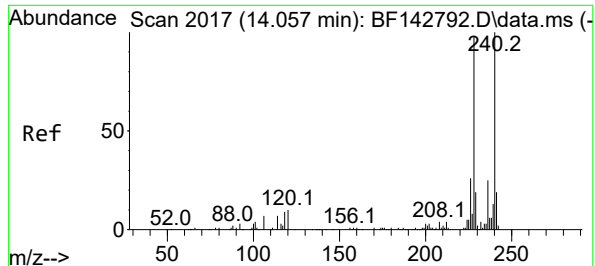
Tgt Ion:149 Resp: 798500
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.5 3.5 5.3



#75
Fluoranthene
Concen: 70.711 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:202 Resp: 766933
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.7
203 17.4 0.0 37.5

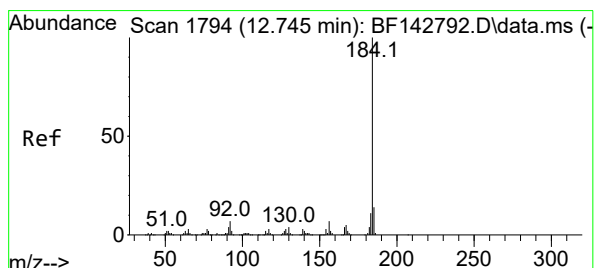
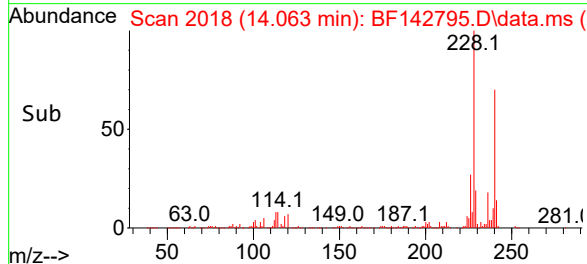
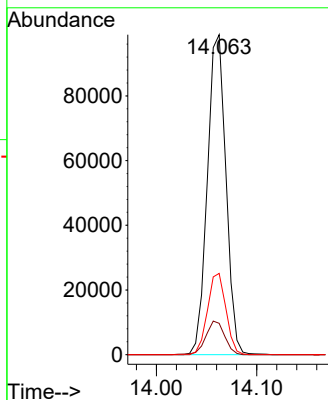
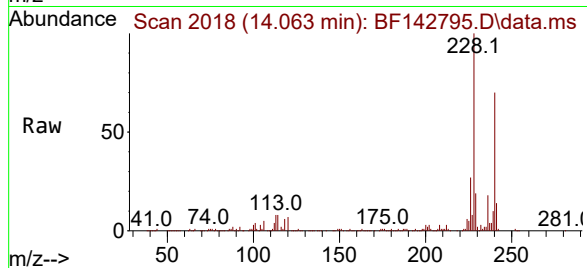




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

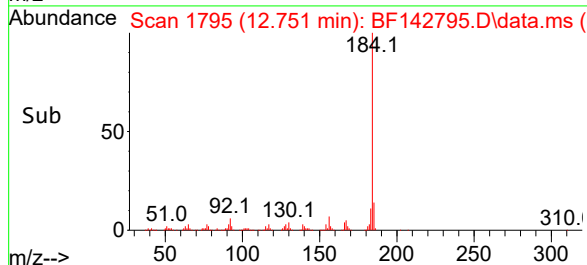
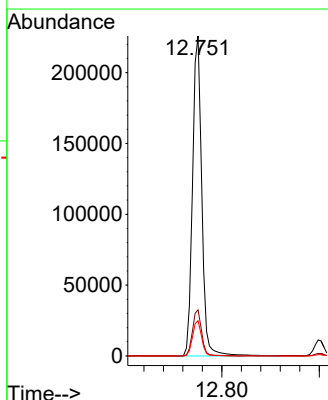
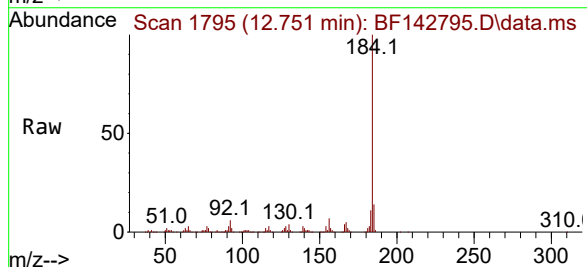
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

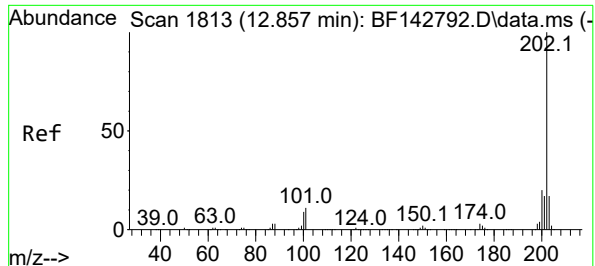
Tgt Ion:240 Resp: 127713
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.4 19.8 29.8



#77
Benzidine
Concen: 66.350 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:184 Resp: 299985
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.0 9.0 13.4

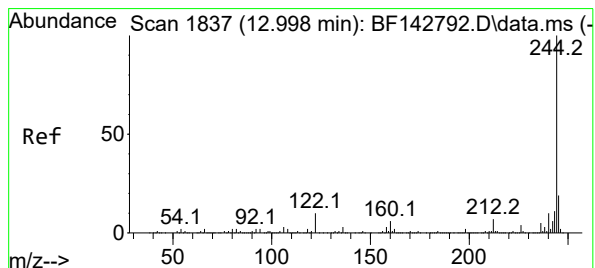
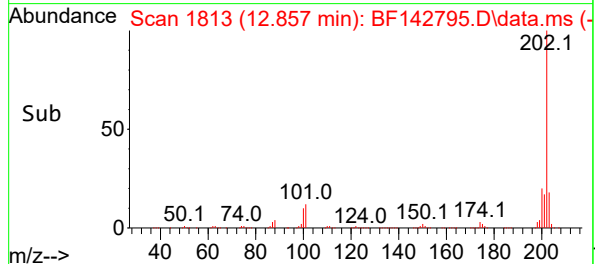
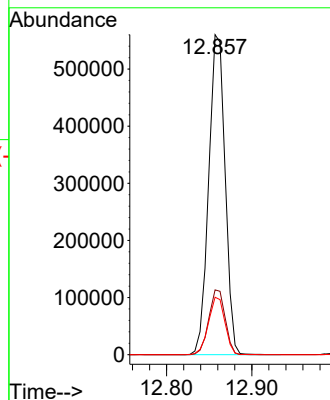
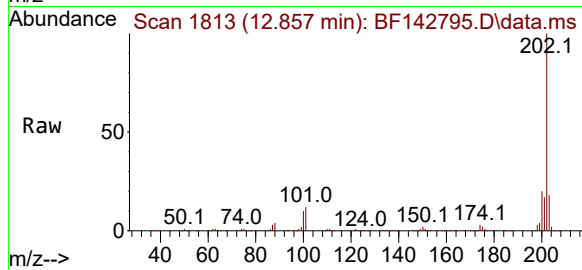




#78
Pyrene
Concen: 63.894 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

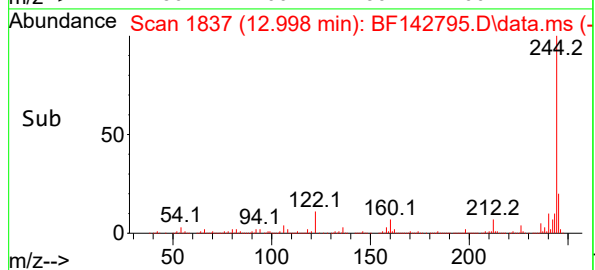
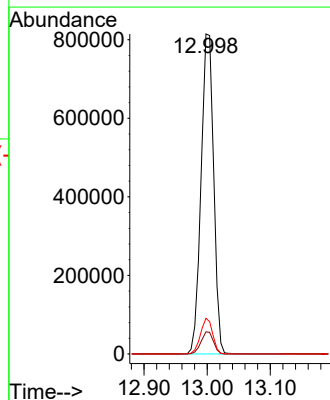
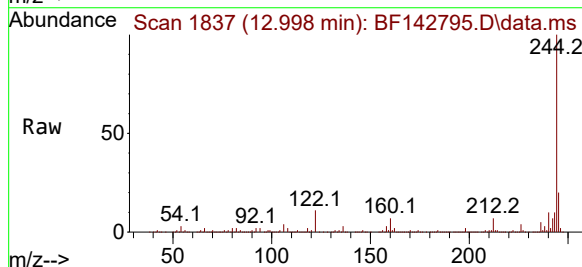
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

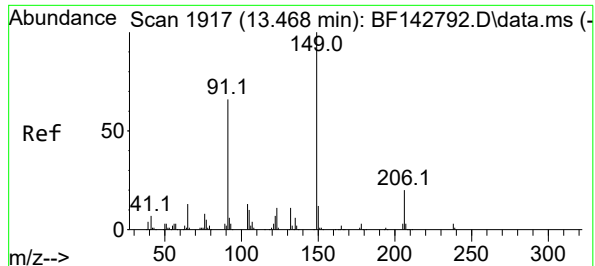
Tgt Ion:202 Resp: 750100
Ion Ratio Lower Upper
202 100
200 20.2 15.7 23.5
203 17.9 13.8 20.6



#79
Terphenyl-d14
Concen: 122.904 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:244 Resp: 1127781
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.1 8.2 12.2





#80

Butylbenzylphthalate

Concen: 82.658 ng

RT: 13.474 min Scan# 1917

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

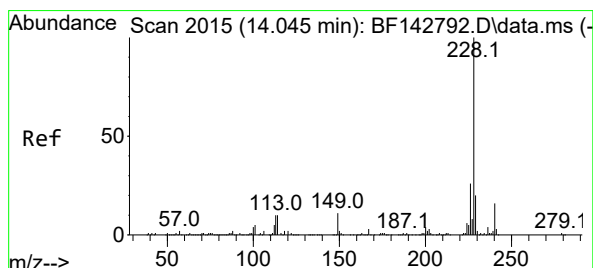
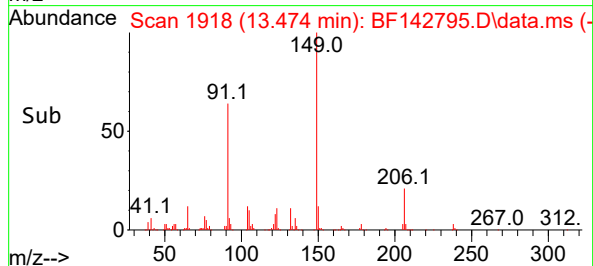
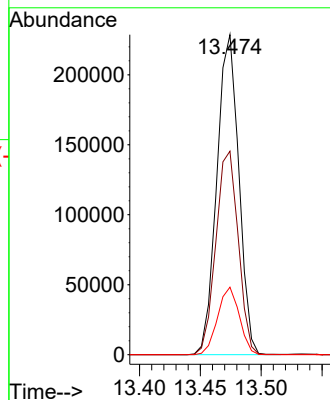
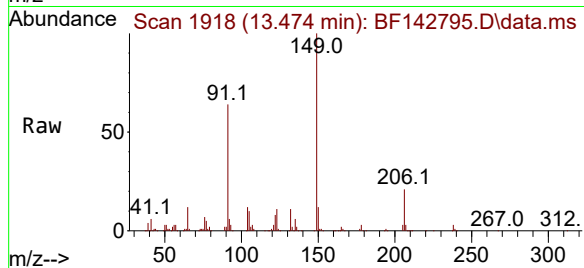
Tgt Ion:149 Resp: 287568

Ion Ratio Lower Upper

149 100

91 63.6 52.9 79.3

206 21.1 16.3 24.5



#81

Benzo(a)anthracene

Concen: 78.202 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

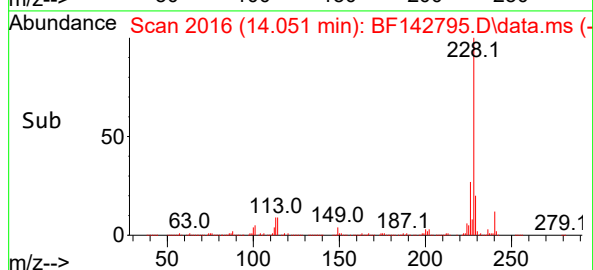
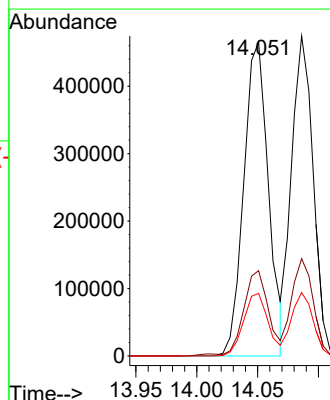
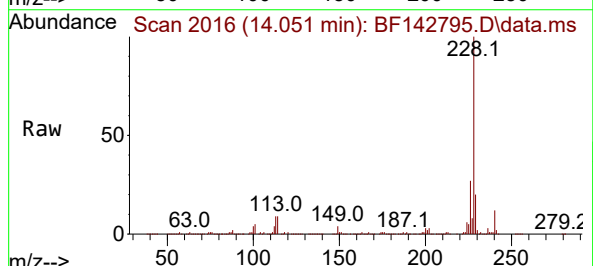
Tgt Ion:228 Resp: 655753

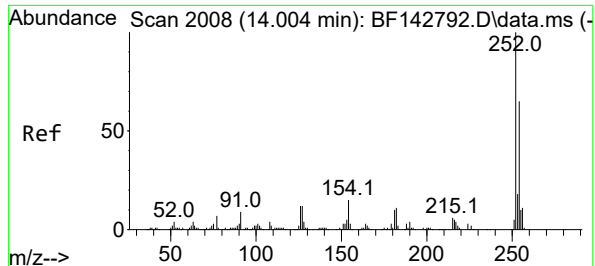
Ion Ratio Lower Upper

228 100

226 27.1 21.2 31.8

229 19.9 15.6 23.4





#82

3,3'-Dichlorobenzidine

Concen: 82.340 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

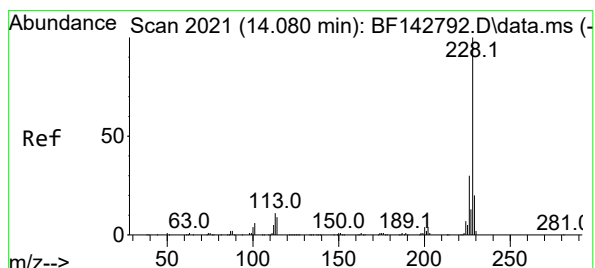
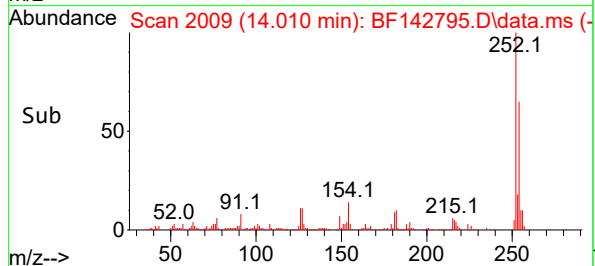
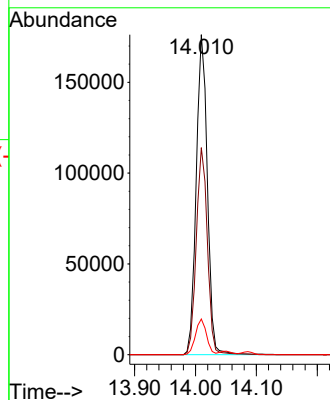
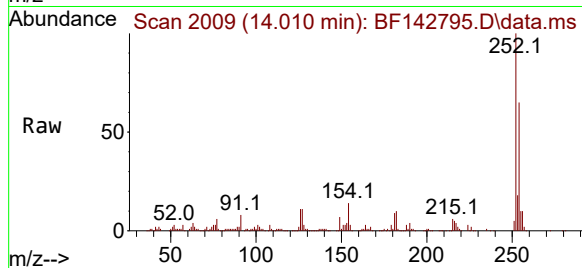
Tgt Ion:252 Resp: 223571

Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 11.1 9.4 14.2



#83

Chrysene

Concen: 75.278 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

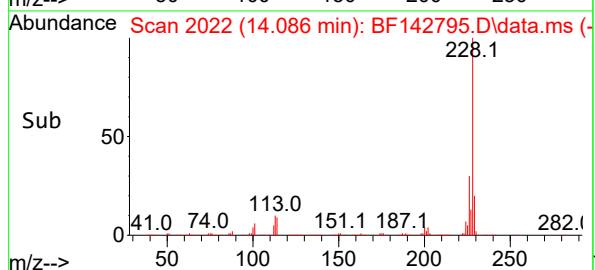
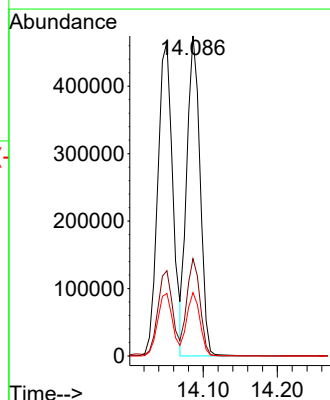
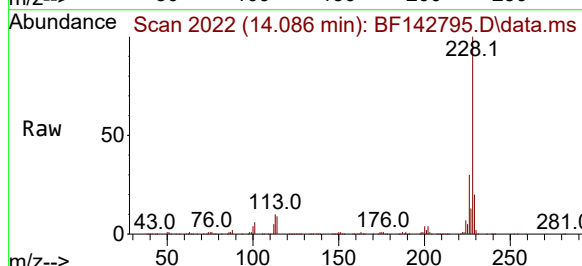
Tgt Ion:228 Resp: 587658

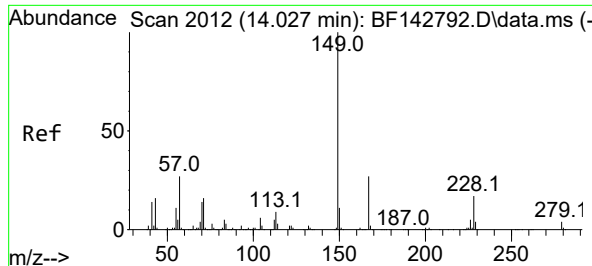
Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 19.8 15.7 23.5

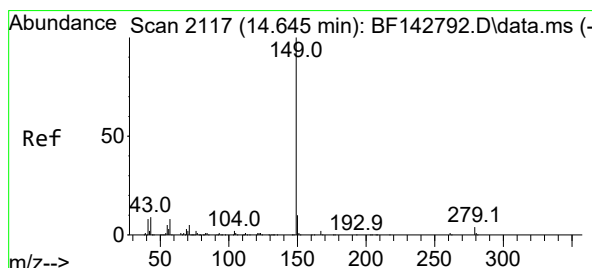
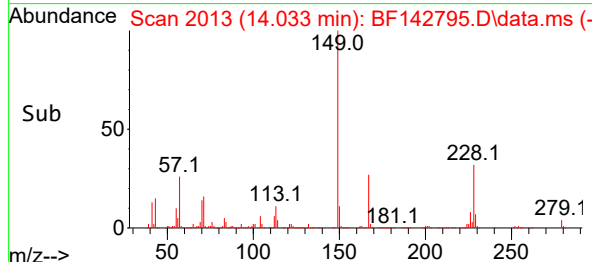
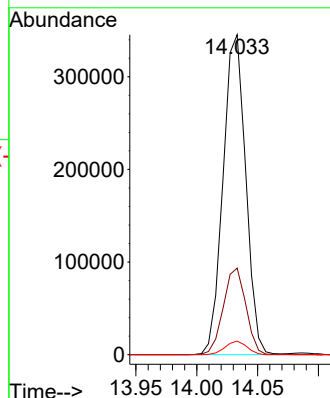
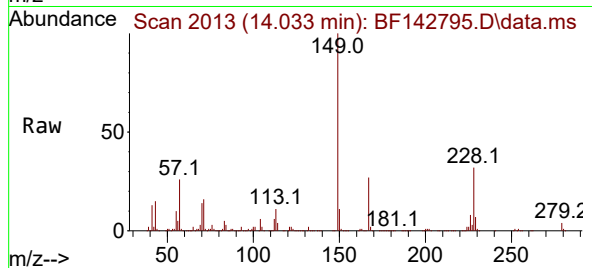




#84
Bis(2-ethylhexyl)phthalate
Concen: 86.499 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

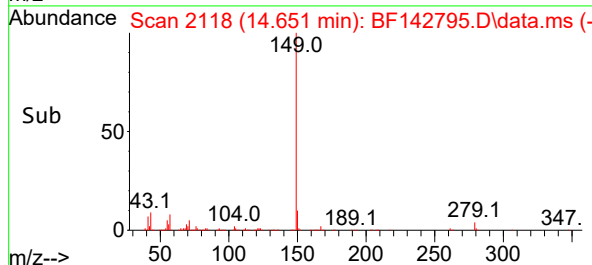
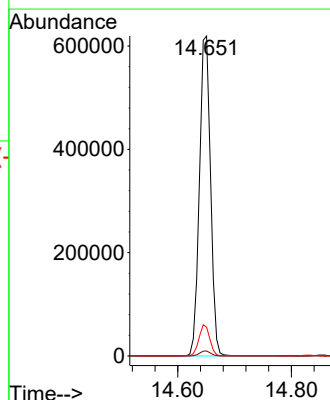
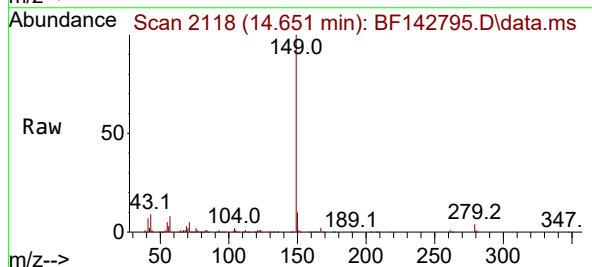
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

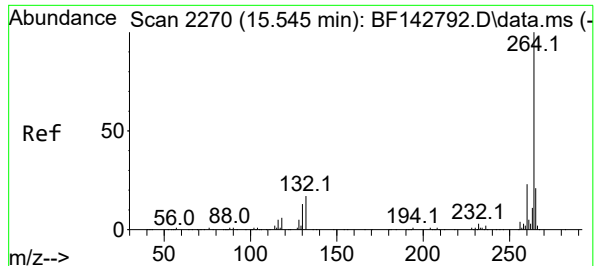
Tgt Ion:149 Resp: 448387
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 4.3 3.0 4.6



#85
Di-n-octyl phthalate
Concen: 85.366 ng
RT: 14.651 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:149 Resp: 843227
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.5 7.6 11.4

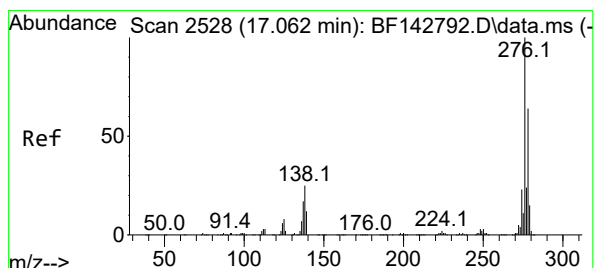
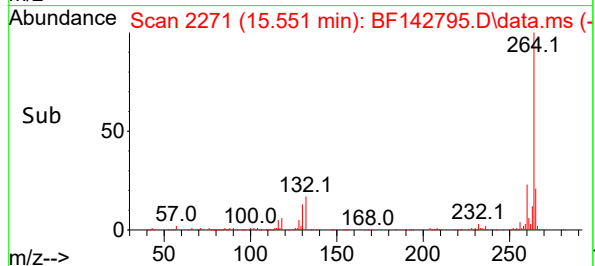
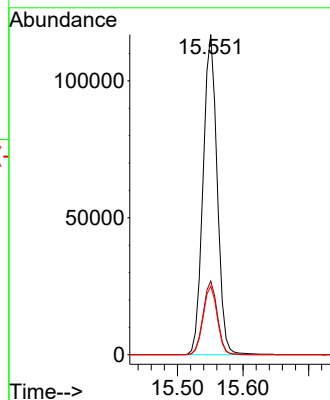
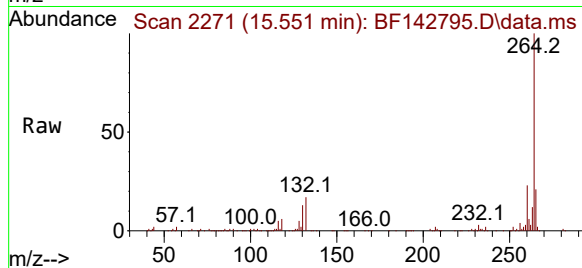




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

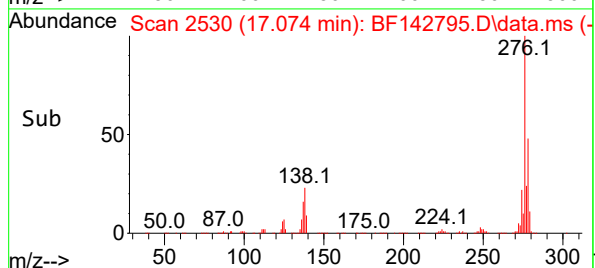
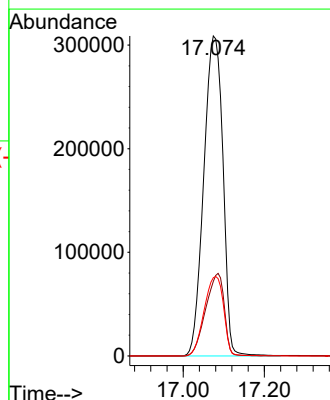
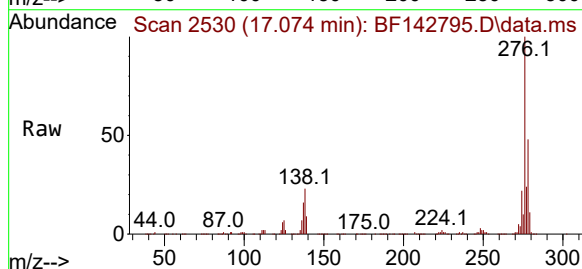
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

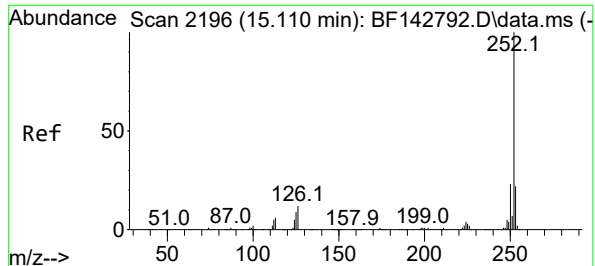
Tgt Ion:264 Resp: 175125
Ion Ratio Lower Upper
264 100
260 23.0 18.1 27.1
265 21.5 16.6 25.0



#87
Indeno(1,2,3-cd)pyrene
Concen: 78.036 ng
RT: 17.074 min Scan# 2530
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:276 Resp: 1010374
Ion Ratio Lower Upper
276 100
138 25.0 20.2 30.4
277 25.2 19.8 29.6





#88

Benzo(b)fluoranthene

Concen: 73.471 ng

RT: 15.115 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

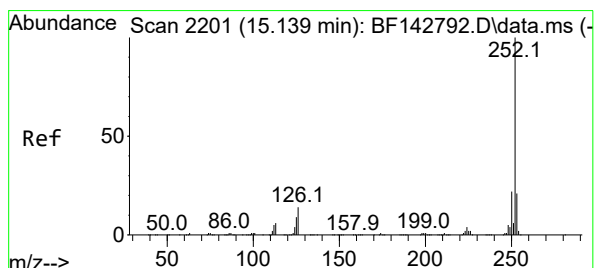
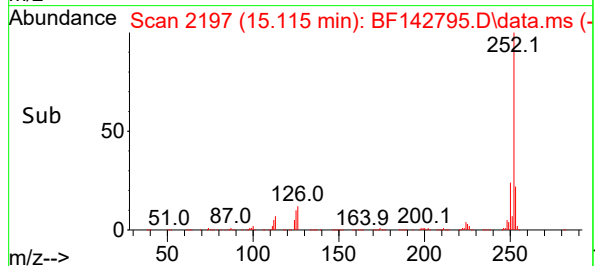
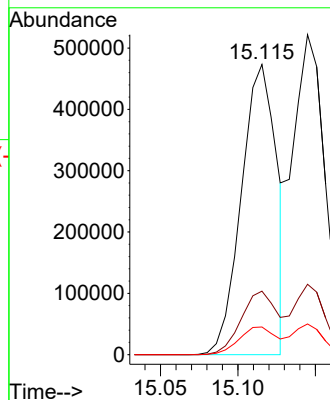
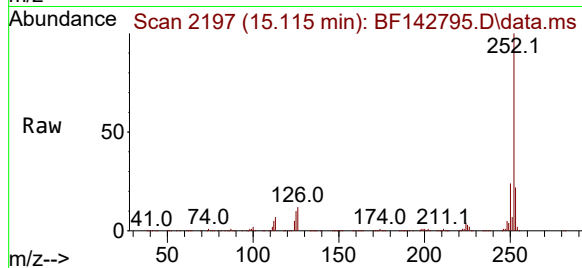
Tgt Ion:252 Resp: 749341

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.5 7.4 11.0



#89

Benzo(k)fluoranthene

Concen: 75.108 ng

RT: 15.145 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

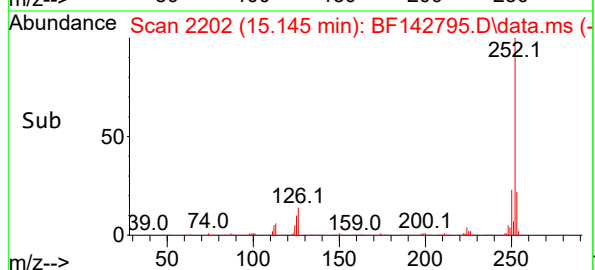
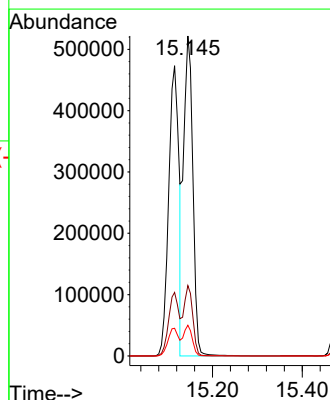
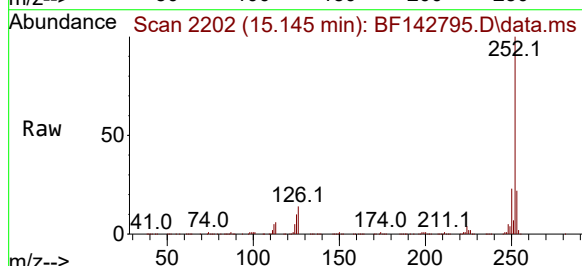
Tgt Ion:252 Resp: 747789

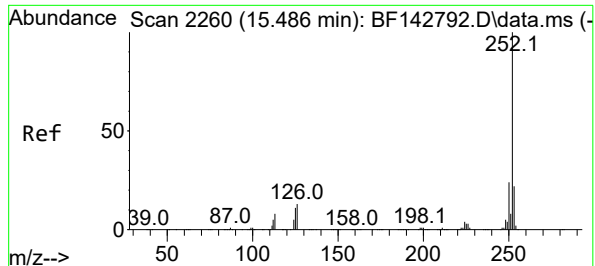
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.6 7.4 11.2





#90

Benzo(a)pyrene

Concen: 77.813 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

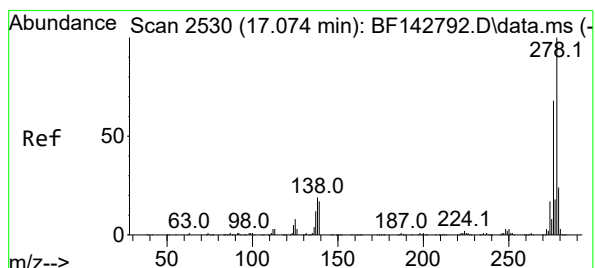
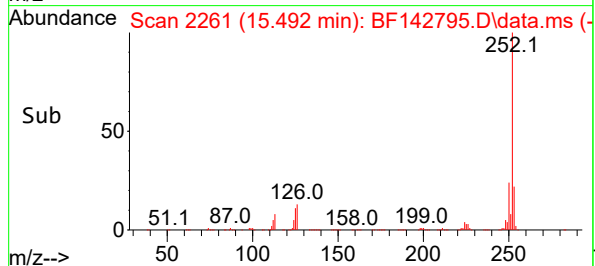
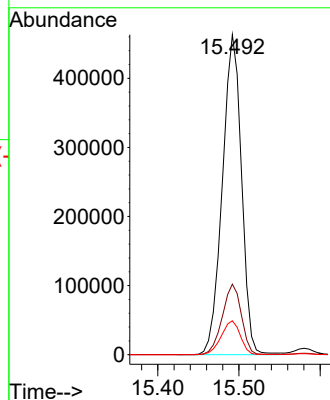
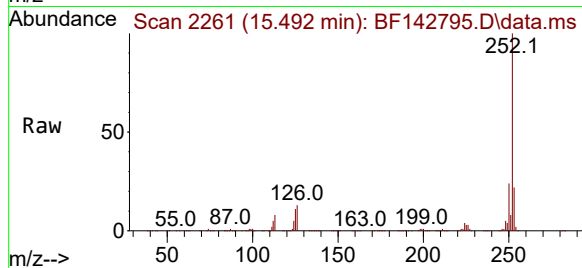
Tgt Ion:252 Resp: 759483

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.6 8.6 12.8



#91

Dibenzo(a,h)anthracene

Concen: 76.662 ng

RT: 17.092 min Scan# 2533

Delta R.T. 0.018 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

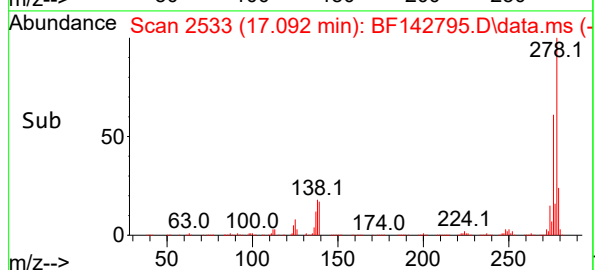
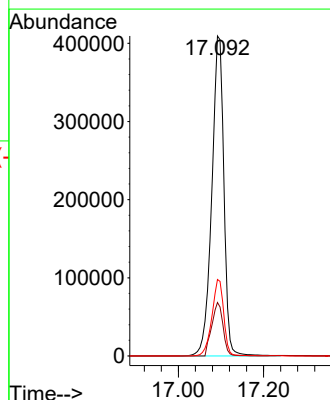
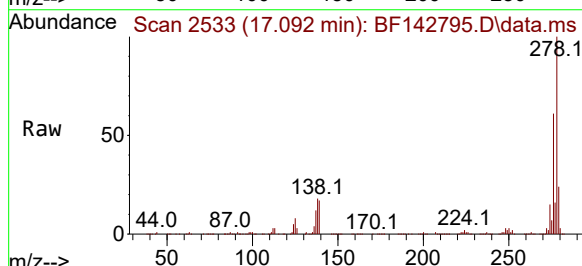
Tgt Ion:278 Resp: 806991

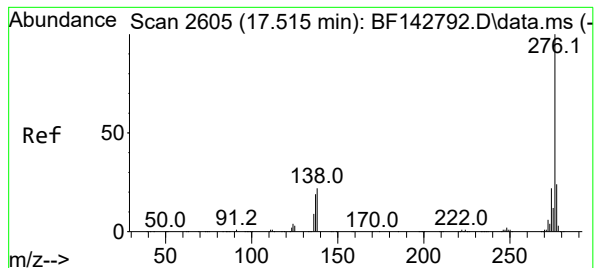
Ion Ratio Lower Upper

278 100

139 16.7 13.5 20.3

279 23.9 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 77.429 ng

RT: 17.539 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF142795.D

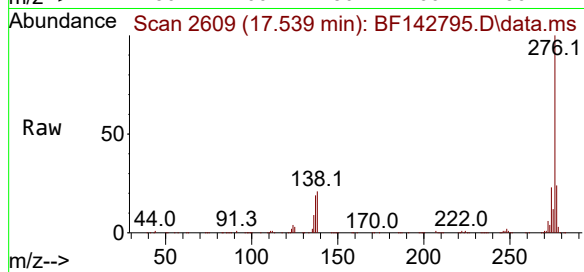
Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



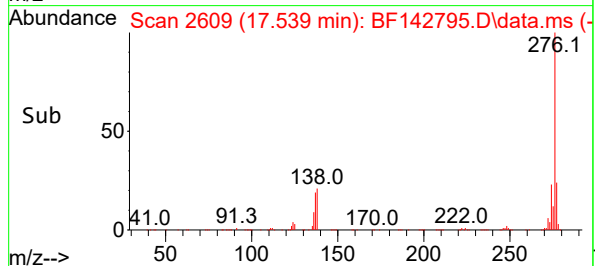
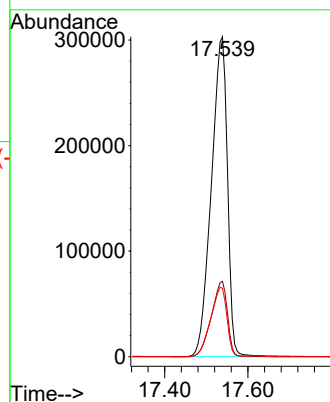
Tgt Ion:276 Resp: 813177

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 21.4 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142796.D
 Acq On : 19 Jun 2025 21:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061925

Quant Time: Jun 24 15:59:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	74183	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	279139	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	142968	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	228099	20.000	ng	0.00
76) Chrysene-d12	14.057	240	122573	20.000	ng	0.00
86) Perylene-d12	15.545	264	153363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	361762	81.192	ng	0.00
7) Phenol-d6	6.510	99	421918	80.262	ng	0.00
23) Nitrobenzene-d5	7.445	82	373199	73.334	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	117795	80.065	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	785440	72.171	ng	0.00
79) Terphenyl-d14	12.998	244	628420	70.839	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	70139	39.357	ng	100
3) Pyridine	3.404	79	185173	41.446	ng	99
4) n-Nitrosodimethylamine	3.357	42	96831	41.912	ng	99
6) Aniline	6.545	93	296519	42.392	ng	99
8) 2-Chlorophenol	6.663	128	202041	42.036	ng	100
9) Benzaldehyde	6.434	77	148174	47.511	ng	99
10) Phenol	6.522	94	244839	41.901	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	176058	42.157	ng	99
12) 1,3-Dichlorobenzene	6.822	146	228820	42.568	ng	99
13) 1,4-Dichlorobenzene	6.898	146	229234	42.268	ng	99
14) 1,2-Dichlorobenzene	7.051	146	218720	42.520	ng	99
15) Benzyl Alcohol	7.022	79	160044	42.114	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	284352	42.379	ng	100
17) 2-Methylphenol	7.134	107	154746	42.485	ng	98
18) Hexachloroethane	7.392	117	80788	42.589	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	127308	41.640	ng	99
20) 3+4-Methylphenols	7.287	107	194841	42.904	ng	98
22) Acetophenone	7.292	105	261474	42.478	ng	99
24) Nitrobenzene	7.463	77	193310	41.968	ng	99
25) Isophorone	7.704	82	338001	41.403	ng	99
26) 2-Nitrophenol	7.781	139	108455	43.224	ng	100
27) 2,4-Dimethylphenol	7.816	122	183273	42.168	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	217774	41.960	ng	99
29) 2,4-Dichlorophenol	8.022	162	166286	42.196	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	182768	42.177	ng	100
31) Naphthalene	8.187	128	576847	42.218	ng	100
32) Benzoic acid	7.922	122	101203	45.685	ng	95
33) 4-Chloroaniline	8.234	127	232045	41.766	ng	98
34) Hexachlorobutadiene	8.304	225	113068	42.657	ng	99
35) Caprolactam	8.604	113	42561	40.928	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	164064	41.890	ng	99
37) 2-Methylnaphthalene	8.881	142	353484	41.730	ng	100
38) 1-Methylnaphthalene	8.981	142	364378	41.554	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	182379	43.233	ng	99
41) Hexachlorocyclopentadiene	9.034	237	108592	45.361	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	116946	42.543	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142796.D
 Acq On : 19 Jun 2025 21:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061925

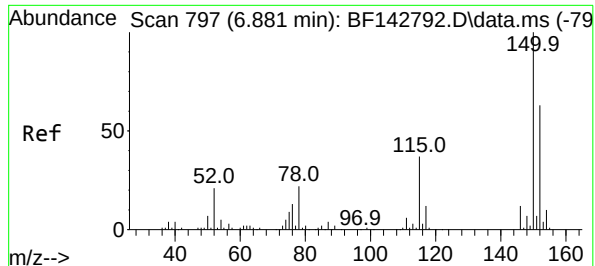
Quant Time: Jun 24 15:59:56 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	124558	43.045	ng	99
46) 1,1'-Biphenyl	9.345	154	476133	42.159	ng	100
47) 2-Chloronaphthalene	9.369	162	354405	41.817	ng	100
48) 2-Nitroaniline	9.463	65	99137	41.724	ng	97
49) Acenaphthylene	9.786	152	580204	41.586	ng	100
50) Dimethylphthalate	9.645	163	381573	41.232	ng	100
51) 2,6-Dinitrotoluene	9.704	165	84111	41.386	ng	99
52) Acenaphthene	9.957	154	356031	41.825	ng	100
53) 3-Nitroaniline	9.875	138	92889	41.512	ng	99
54) 2,4-Dinitrophenol	9.981	184	44513	43.742	ng	99
55) Dibenzofuran	10.128	168	502290	41.150	ng	100
56) 4-Nitrophenol	10.033	139	62127	40.556	ng	97
57) 2,4-Dinitrotoluene	10.110	165	111649	41.358	ng	100
58) Fluorene	10.475	166	391356	41.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	97630	41.857	ng	97
60) Diethylphthalate	10.339	149	371453	40.937	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	185884	40.862	ng	99
62) 4-Nitroaniline	10.486	138	83143	40.628	ng	99
63) Azobenzene	10.622	77	332701	41.025	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	59797	43.341	ng	94
66) n-Nitrosodiphenylamine	10.580	169	331671	41.955	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	112604	43.376	ng	96
68) Hexachlorobenzene	11.022	284	122976	42.632	ng	98
69) Atrazine	11.104	200	87455	42.840	ng	99
70) Pentachlorophenol	11.216	266	62292	43.337	ng	99
71) Phenanthrene	11.433	178	514049	41.603	ng	99
72) Anthracene	11.486	178	532397	42.013	ng	99
73) Carbazole	11.645	167	446814	40.858	ng	100
74) Di-n-butylphthalate	11.969	149	481078	42.228	ng	100
75) Fluoranthene	12.627	202	473431	40.372	ng	100
77) Benzidine	12.745	184	218884	47.530	ng	99
78) Pyrene	12.857	202	468692	40.794	ng	100
80) Butylbenzylphthalate	13.469	149	154743	46.431	ng	99
81) Benzo(a)anthracene	14.045	228	346202	41.868	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	124771	46.521	ng	99
83) Chrysene	14.080	228	321976	43.637	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	230046	47.976	ng	99
85) Di-n-octyl phthalate	14.645	149	425193	47.026	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	491326	42.060	ng	100
88) Benzo(b)fluoranthene	15.110	252	362077	40.801	ng	100
89) Benzo(k)fluoranthene	15.139	252	347044	41.800	ng	100
90) Benzo(a)pyrene	15.486	252	361077	42.117	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	399293	42.069	ng	99
92) Benzo(g,h,i)perylene	17.515	276	397566	42.006	ng	100

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

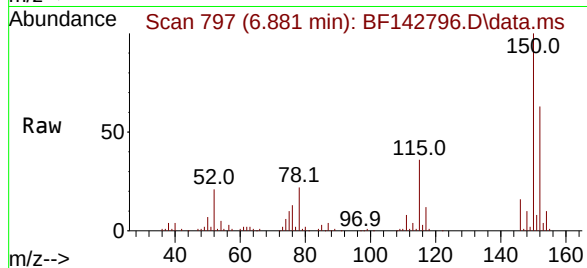
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BNA_F
ClientSampleId :
ICVBF061925

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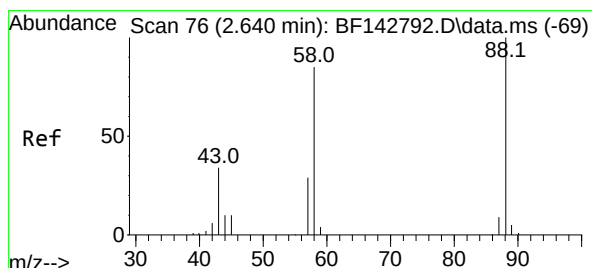
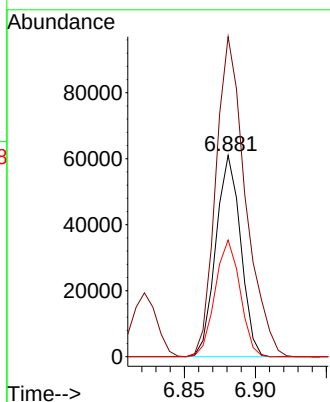
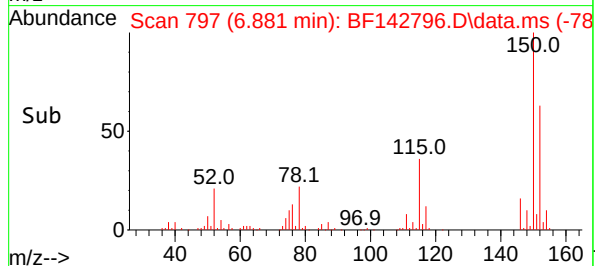


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

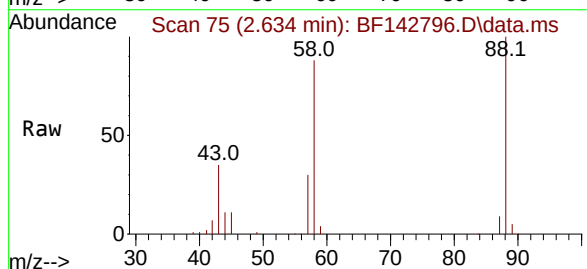
Instrument :
BNA_F
ClientSampleId :
ICVBF061925



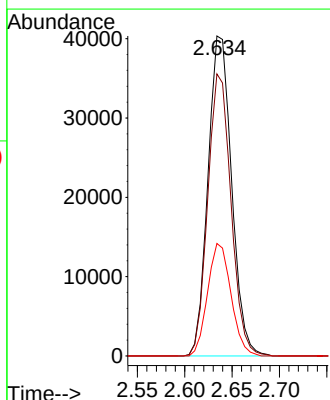
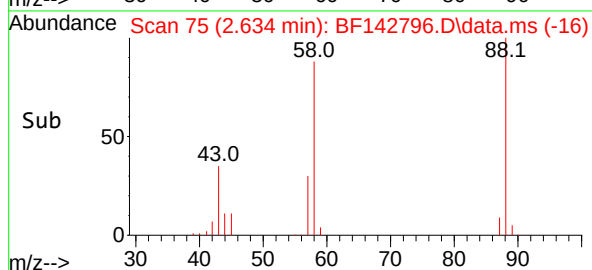
Tgt Ion:152 Resp: 74183
Ion Ratio Lower Upper
152 100
150 159.0 127.2 190.8
115 57.9 46.6 69.8

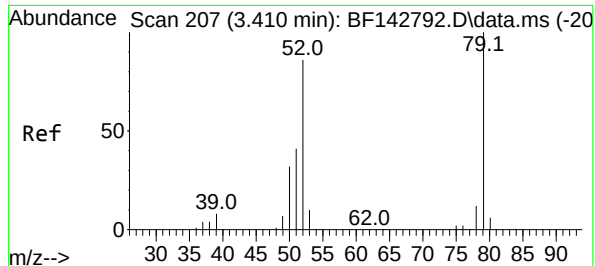


#2
1,4-Dioxane
Concen: 39.357 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10



Tgt Ion: 88 Resp: 70139
Ion Ratio Lower Upper
88 100
58 86.6 69.1 103.7
43 34.8 27.4 41.2

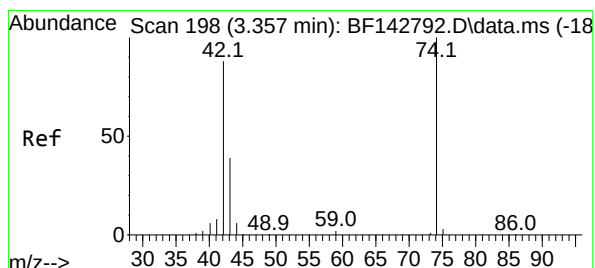
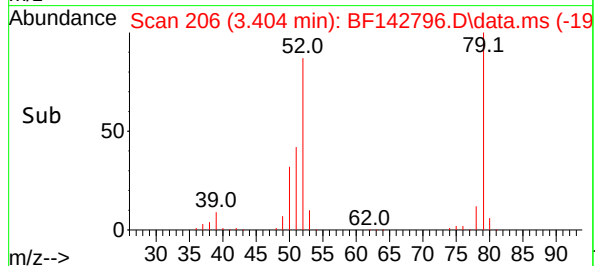
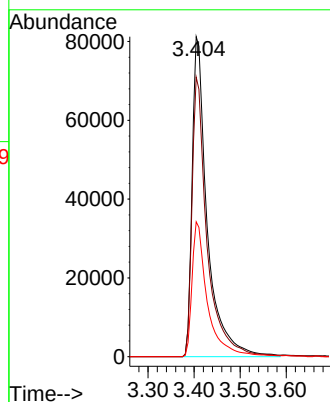
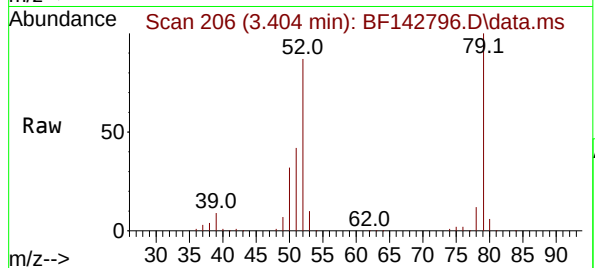




#3
Pyridine
Concen: 41.446 ng
RT: 3.404 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

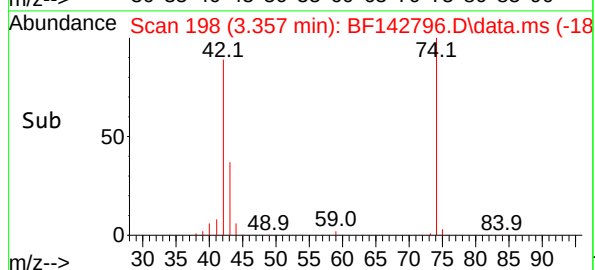
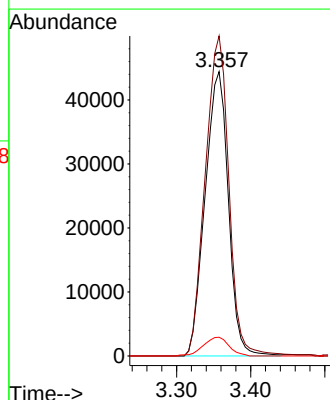
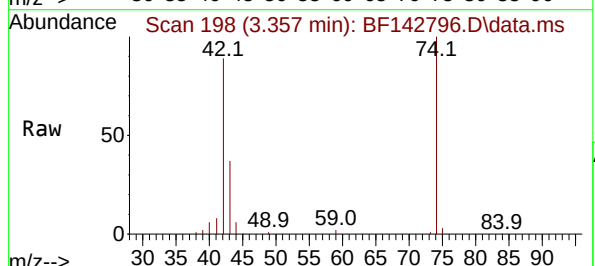
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

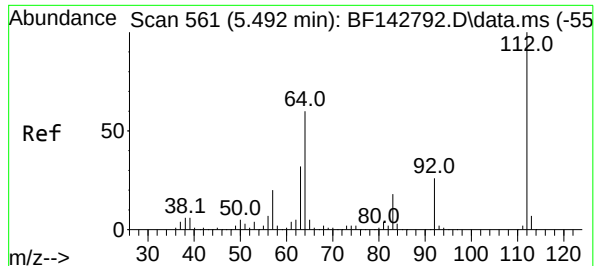
Tgt Ion: 79 Resp: 185173
Ion Ratio Lower Upper
79 100
52 87.4 69.2 103.8
51 42.1 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.912 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 42 Resp: 96831
Ion Ratio Lower Upper
42 100
74 112.6 90.9 136.3
44 6.6 5.8 8.6

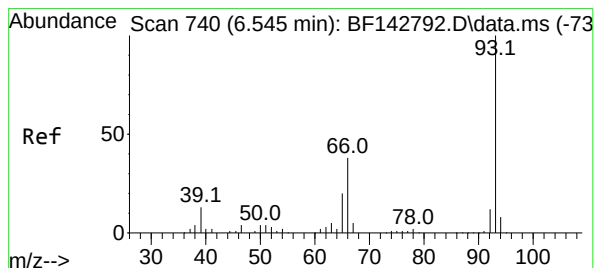
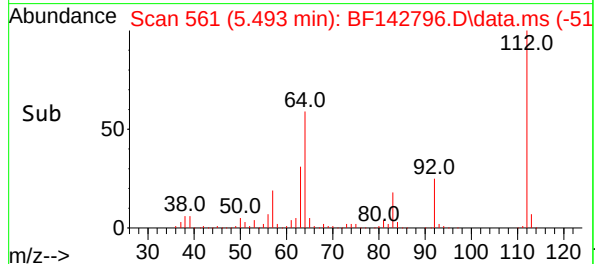
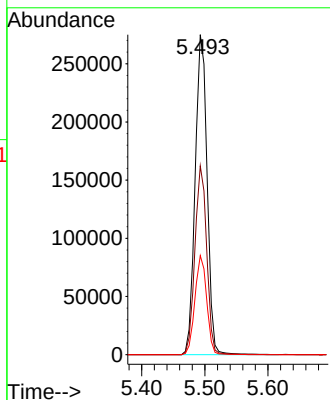
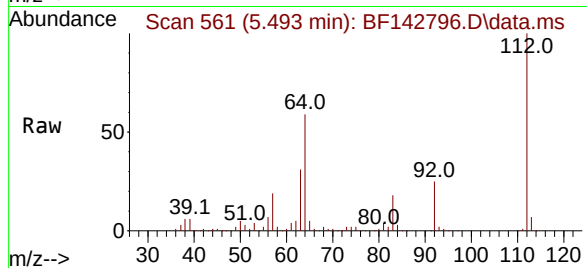




#5
2-Fluorophenol
Concen: 81.192 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.001 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

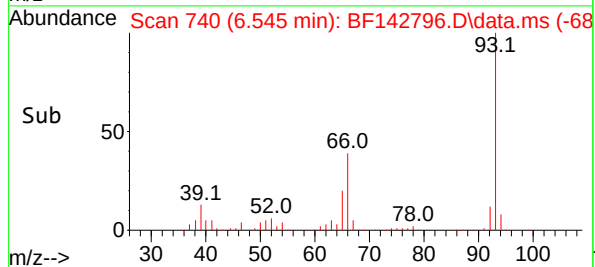
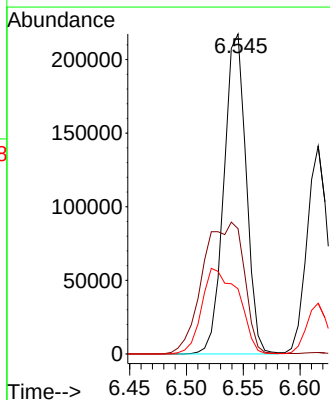
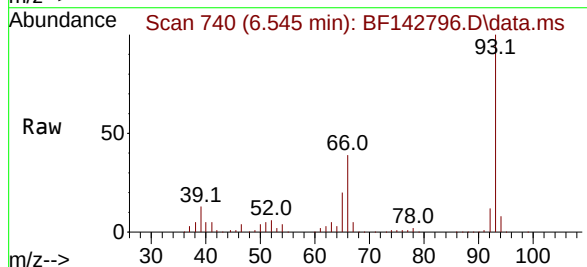
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

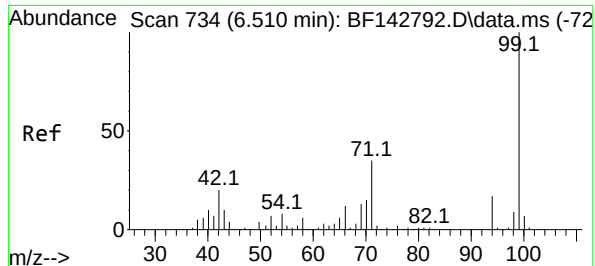
Tgt Ion:112 Resp: 361762
Ion Ratio Lower Upper
112 100
64 59.0 48.2 72.2
63 31.0 25.7 38.5



#6
Aniline
Concen: 42.392 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 93 Resp: 296519
Ion Ratio Lower Upper
93 100
66 39.2 31.8 47.6
65 20.4 16.2 24.2





#7

Phenol-d6

Concen: 80.262 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

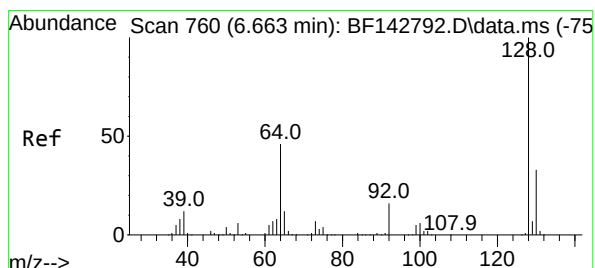
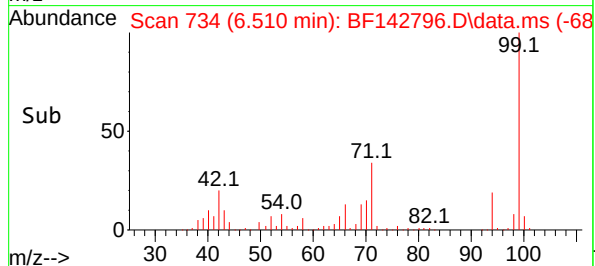
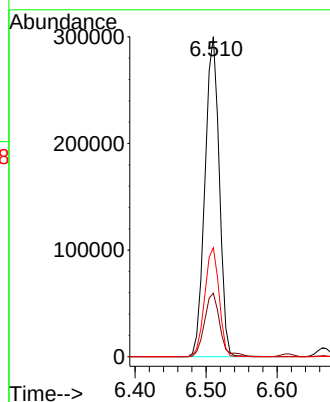
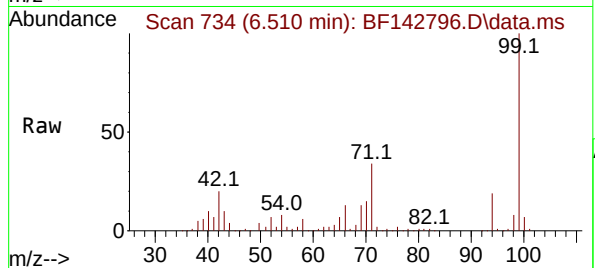
Tgt Ion: 99 Resp: 421918

Ion Ratio Lower Upper

99 100

42 19.8 15.9 23.9

71 34.1 27.8 41.8



#8

2-Chlorophenol

Concen: 42.036 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

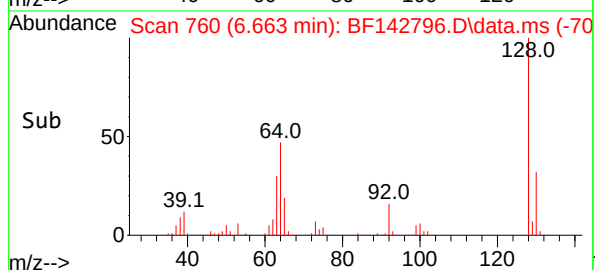
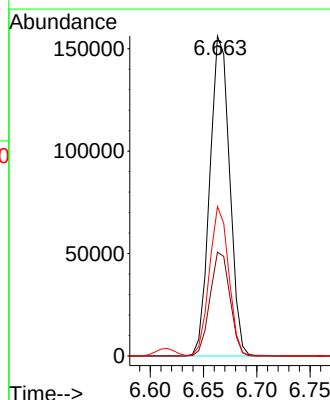
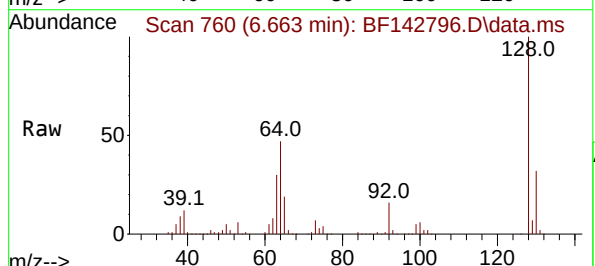
Tgt Ion:128 Resp: 202041

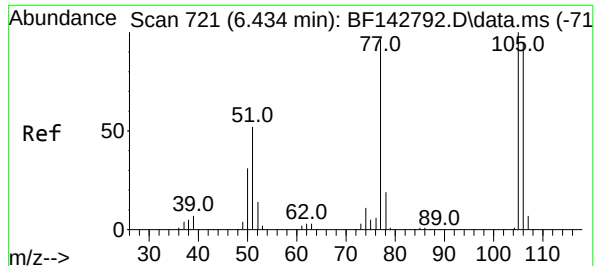
Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

64 46.7 26.5 66.5





#9

Benzaldehyde

Concen: 47.511 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

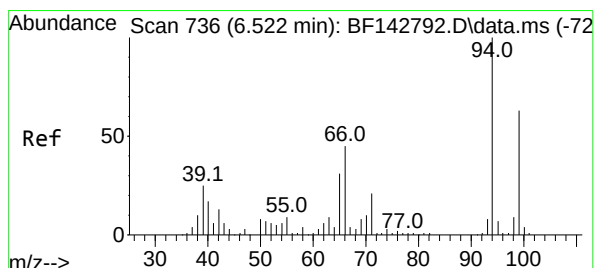
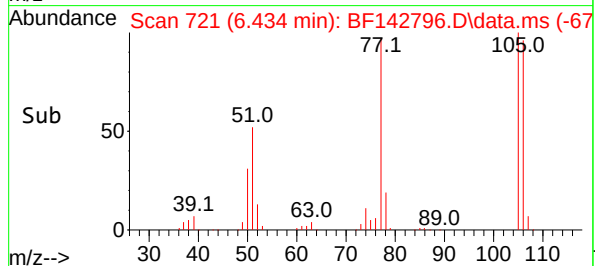
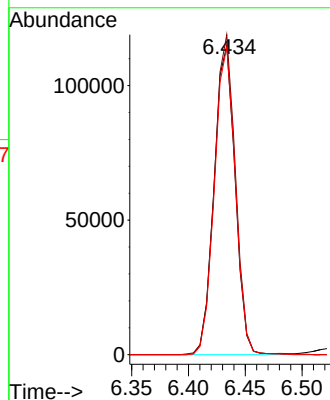
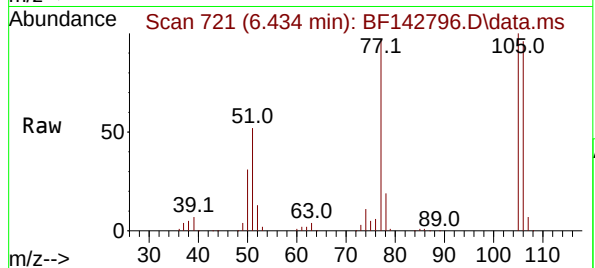
Tgt Ion: 77 Resp: 148174

Ion Ratio Lower Upper

77 100

105 103.4 83.8 123.8

106 99.4 78.7 118.7



#10

Phenol

Concen: 41.901 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

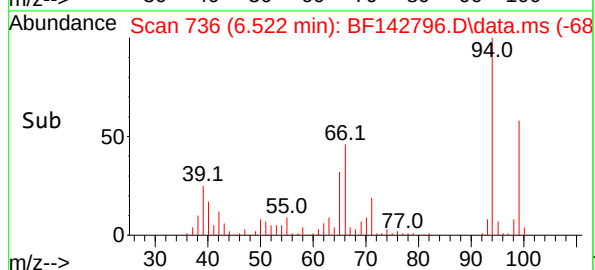
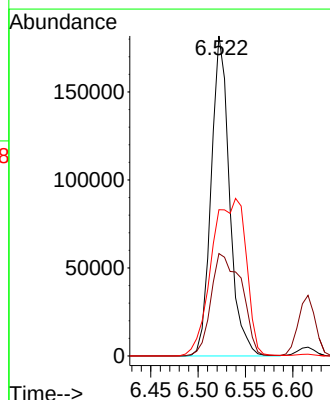
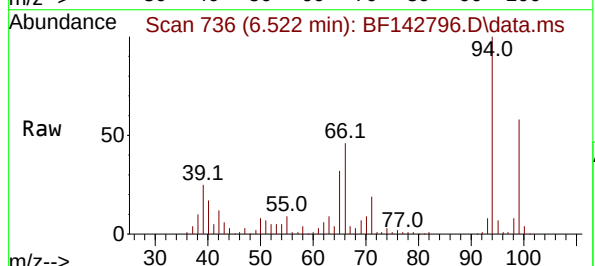
Tgt Ion: 94 Resp: 244839

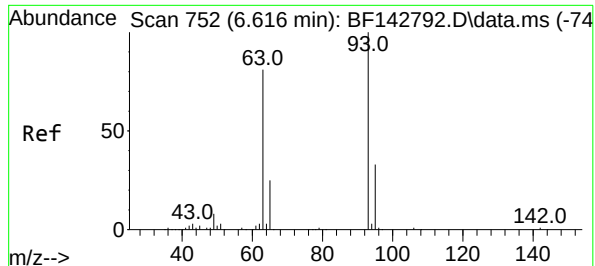
Ion Ratio Lower Upper

94 100

65 32.0 11.3 51.3

66 45.7 24.9 64.9

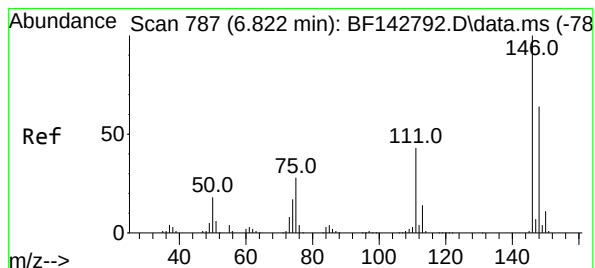
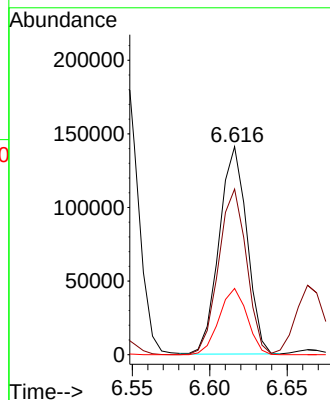
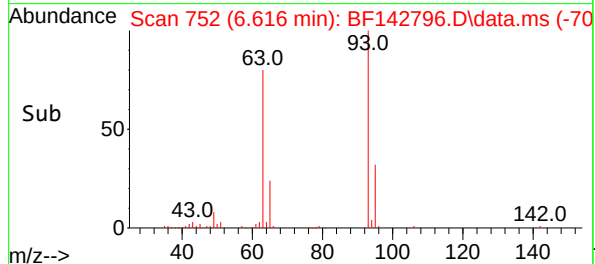
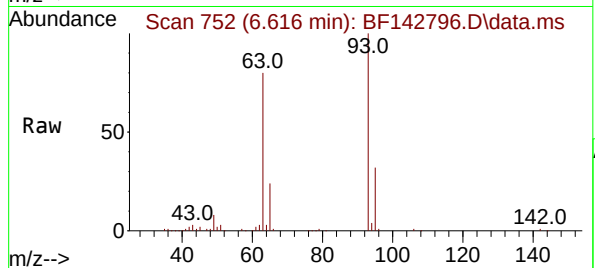




#11
bis(2-Chloroethyl)ether
Concen: 42.157 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

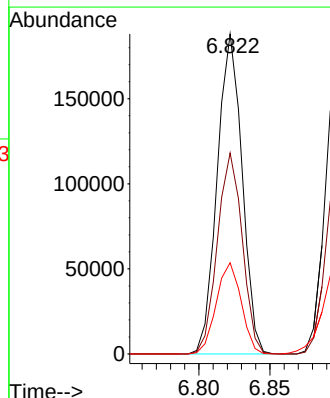
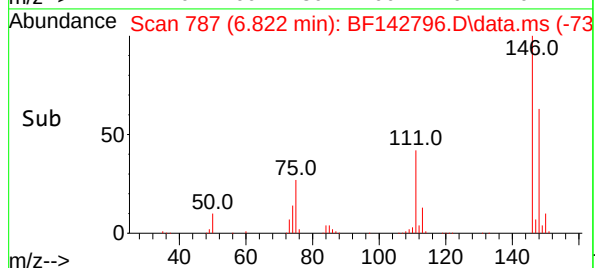
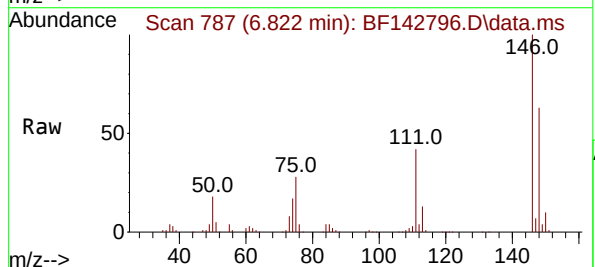
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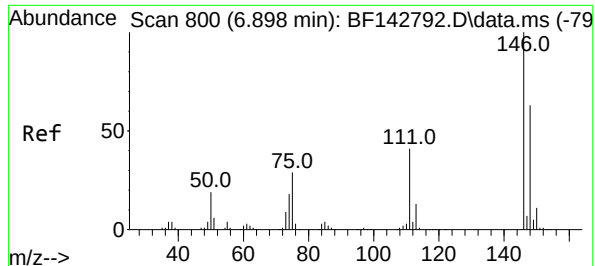
Tgt Ion: 93 Resp: 176058
Ion Ratio Lower Upper
93 100
63 79.6 60.3 100.3
95 31.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.568 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 146 Resp: 228820
Ion Ratio Lower Upper
146 100
148 62.8 51.1 76.7
75 28.5 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 42.268 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

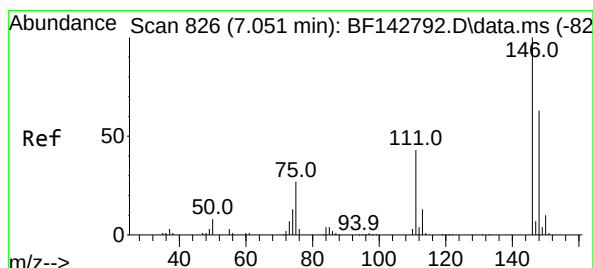
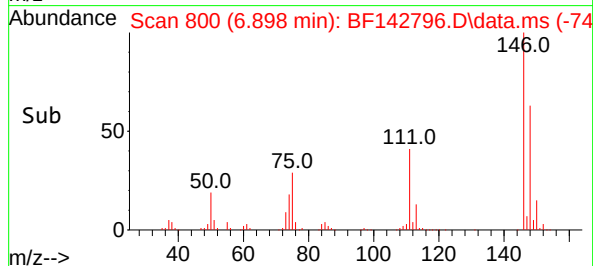
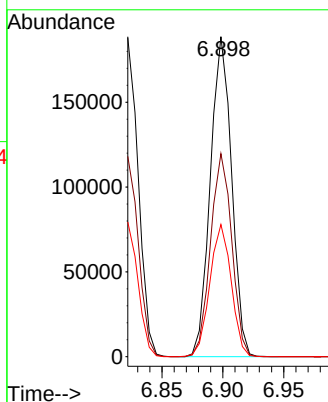
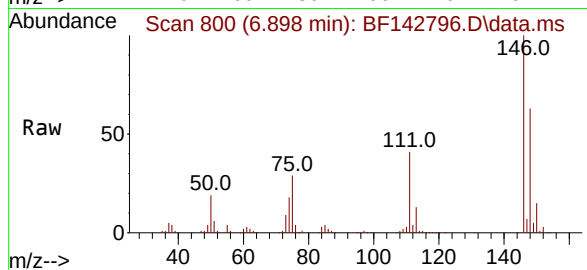
Tgt Ion:146 Resp: 229234

Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.2

111 41.3 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.520 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

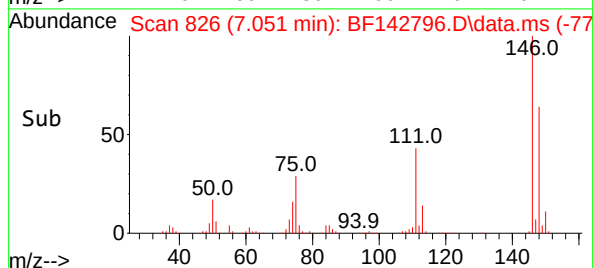
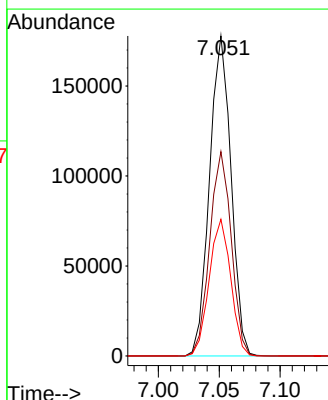
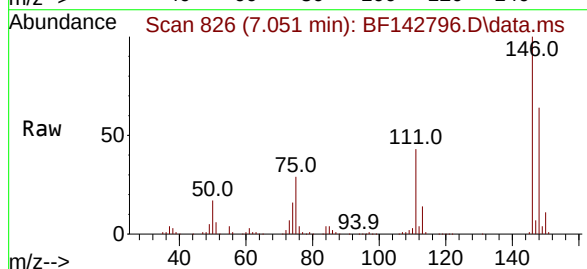
Tgt Ion:146 Resp: 218720

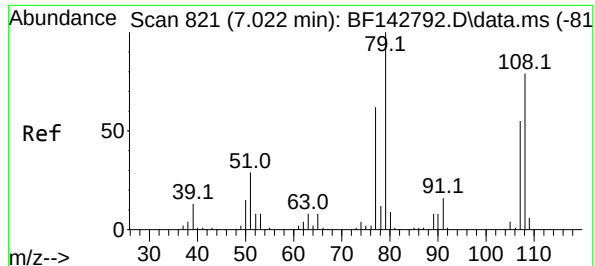
Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

111 42.7 34.1 51.1





#15

Benzyl Alcohol

Concen: 42.114 ng

RT: 7.022 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

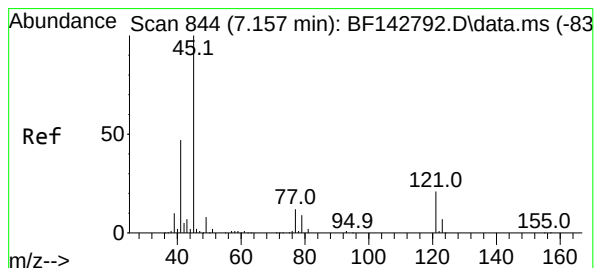
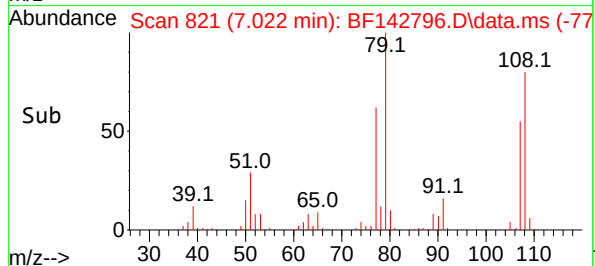
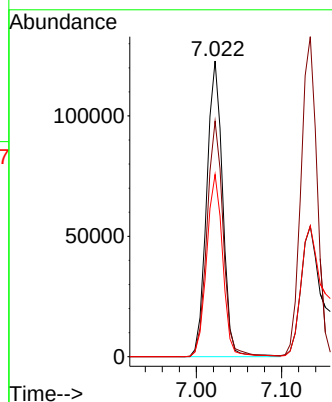
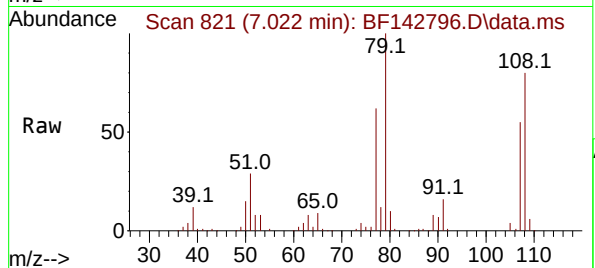
Tgt Ion: 79 Resp: 160044

Ion Ratio Lower Upper

79 100

108 79.6 63.4 95.0

77 61.7 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.379 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

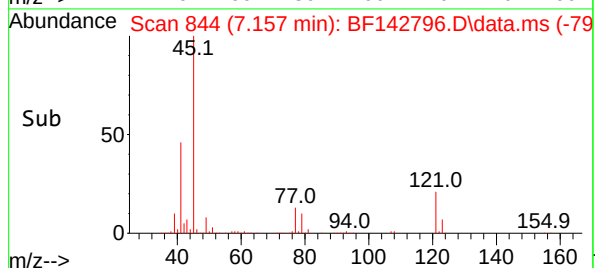
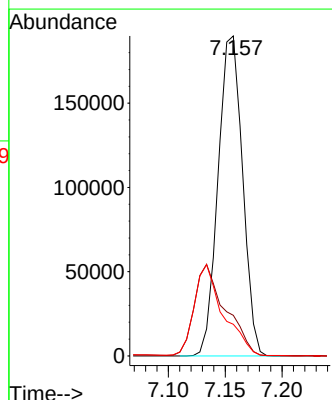
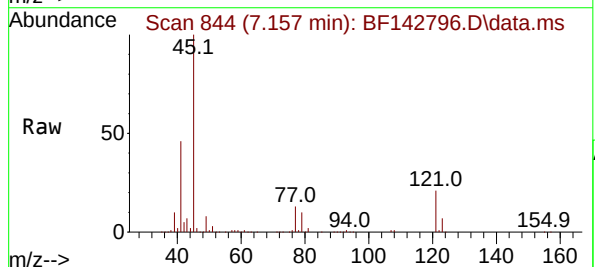
Tgt Ion: 45 Resp: 284352

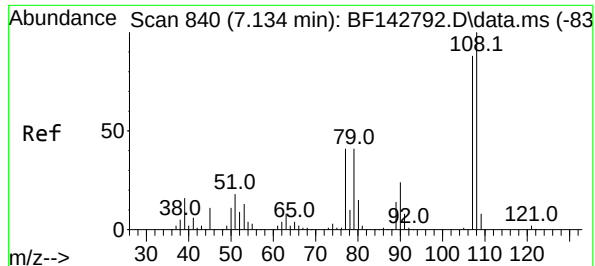
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.8

79 9.9 0.0 29.8

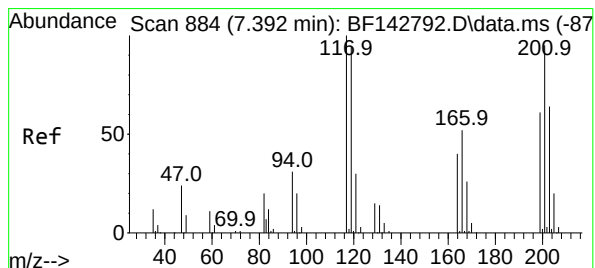
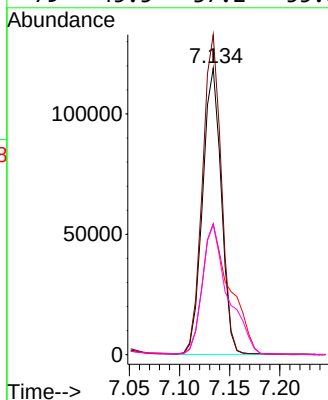
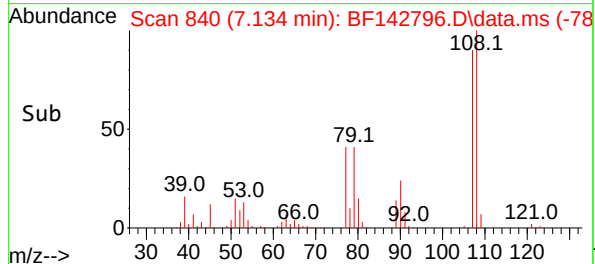
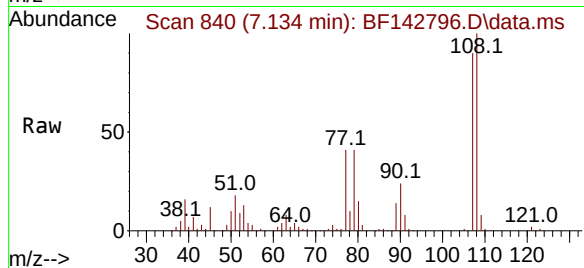




#17
2-Methylphenol
Concen: 42.485 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

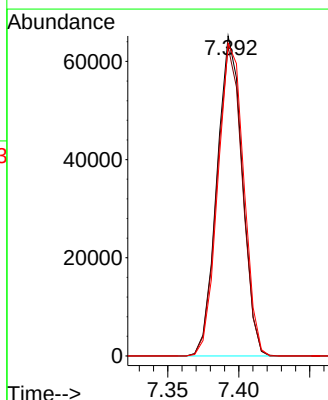
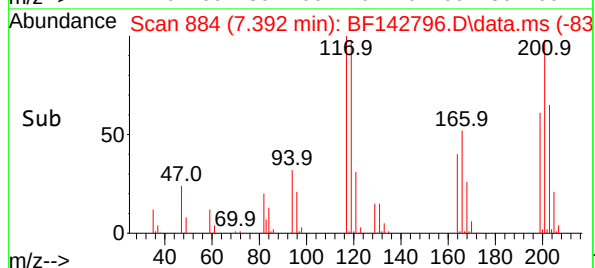
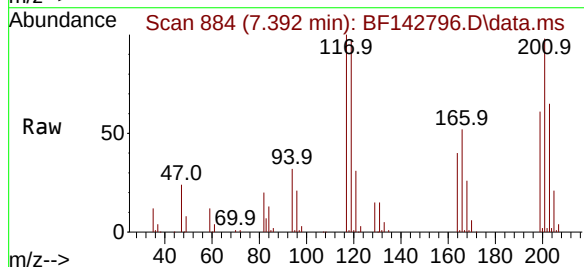
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

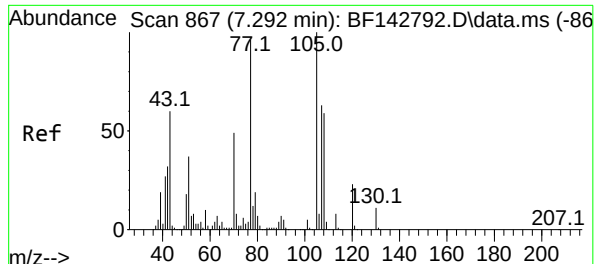
Tgt Ion:107 Resp: 154746
Ion Ratio Lower Upper
107 100
108 111.6 90.9 136.3
77 45.7 37.3 55.9
79 45.5 37.2 55.8



#18
Hexachloroethane
Concen: 42.589 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:117 Resp: 80788
Ion Ratio Lower Upper
117 100
119 96.6 75.4 113.0
201 97.7 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.640 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

Tgt Ion: 70 Resp: 127308

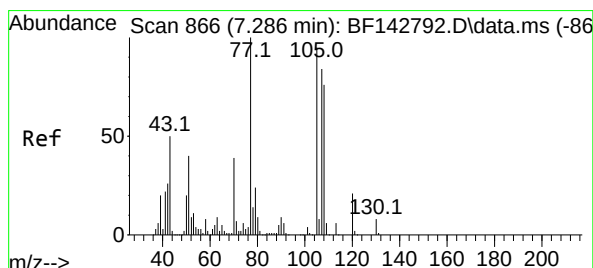
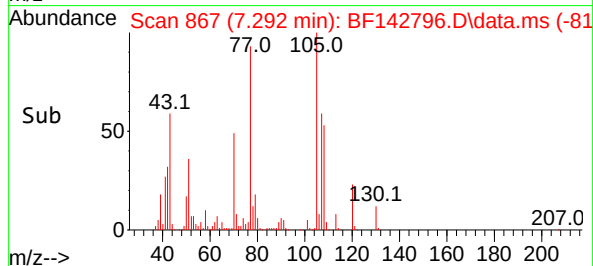
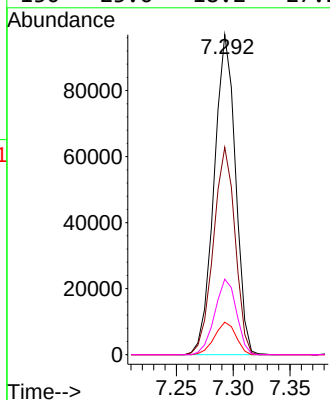
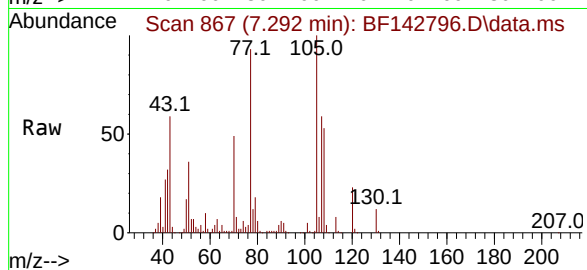
Ion Ratio Lower Upper

70 100

42 64.8 52.1 78.1

101 10.1 8.2 12.2

130 23.6 18.2 27.2



#20

3+4-Methylphenols

Concen: 42.904 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Tgt Ion:107 Resp: 194841

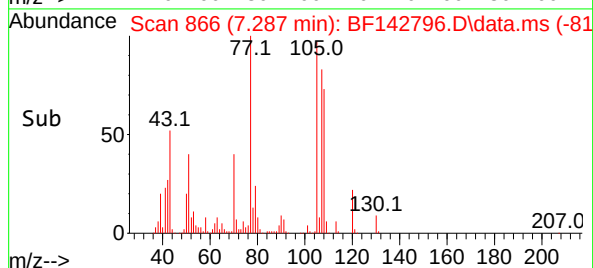
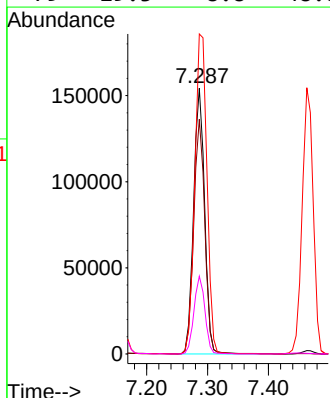
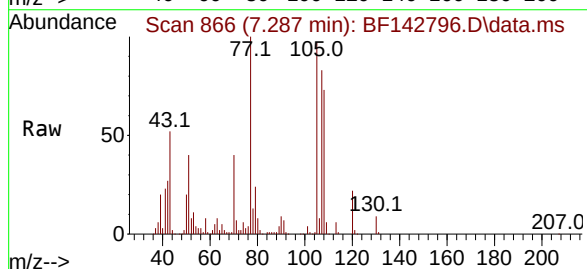
Ion Ratio Lower Upper

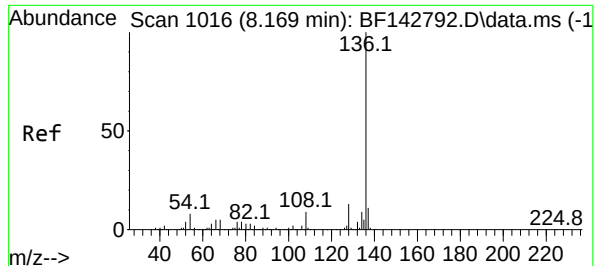
107 100

108 88.3 70.0 110.0

77 120.4 98.5 138.5

79 29.3 8.8 48.8

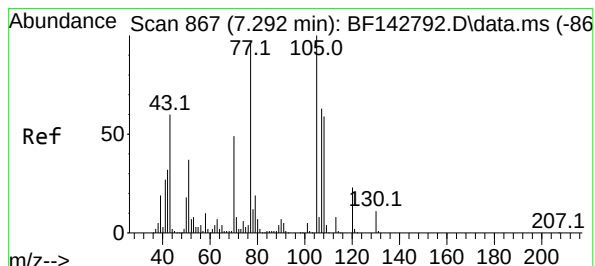
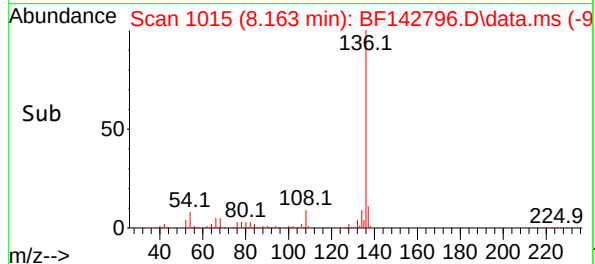
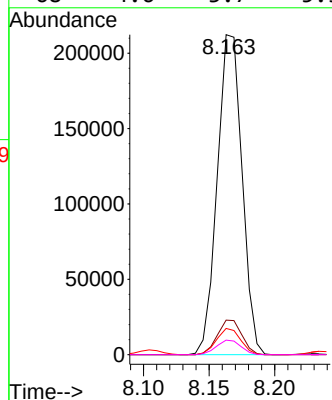
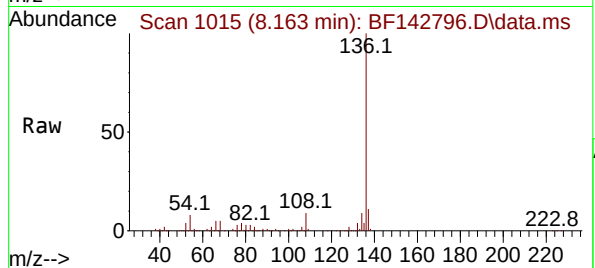




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

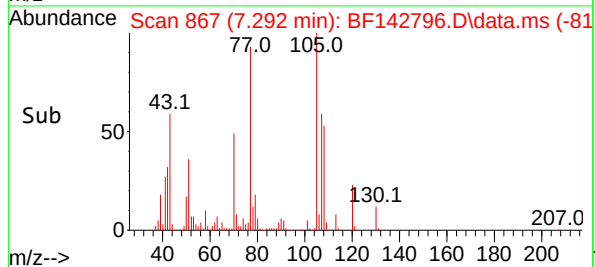
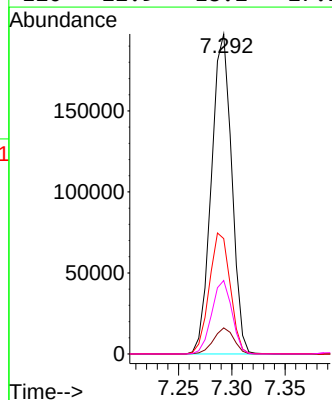
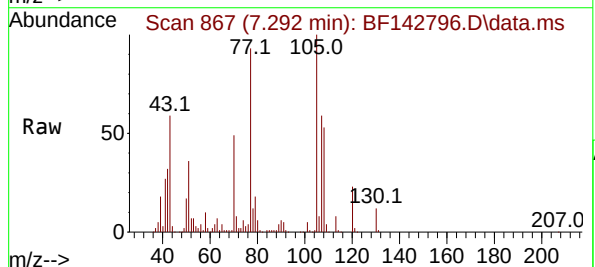
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

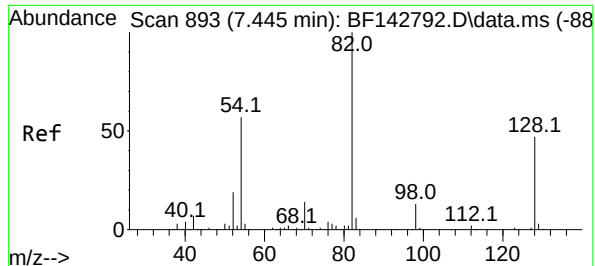
Tgt Ion:136 Resp: 279139
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.2 6.3 9.5
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 42.478 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:105 Resp: 261474
Ion Ratio Lower Upper
105 100
71 8.1 6.5 9.7
51 36.0 29.8 44.8
120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 73.334 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

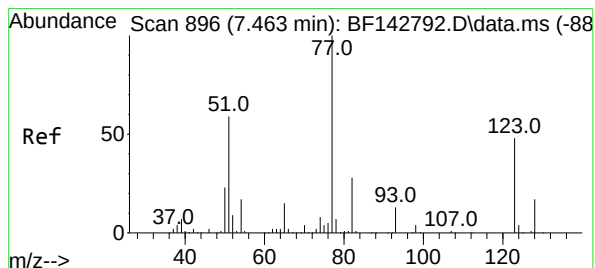
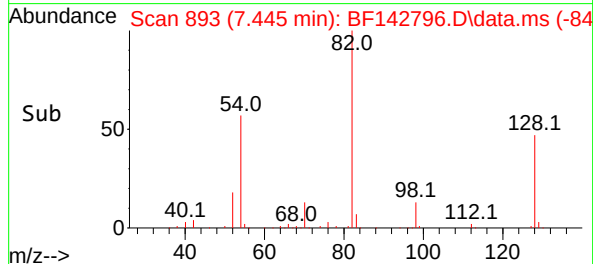
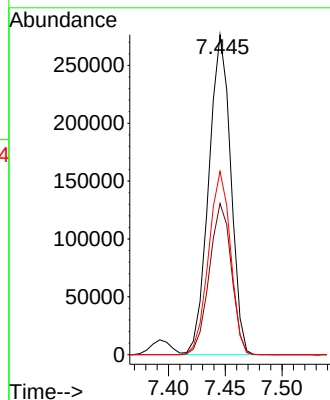
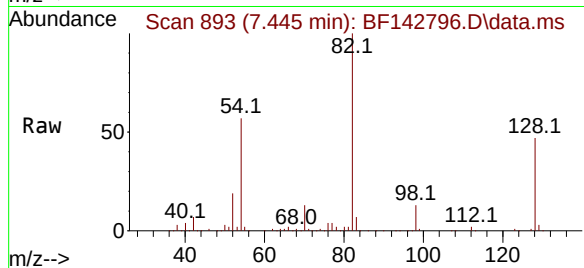
Tgt Ion: 82 Resp: 373199

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 57.3 45.7 68.5



#24

Nitrobenzene

Concen: 41.968 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

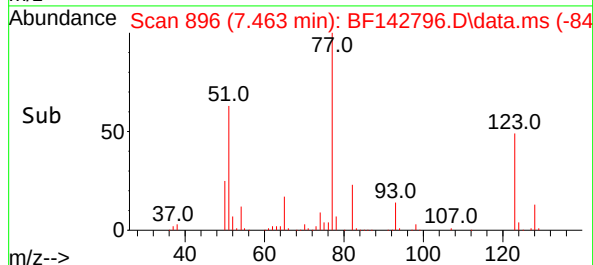
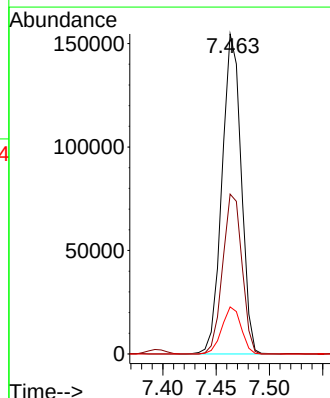
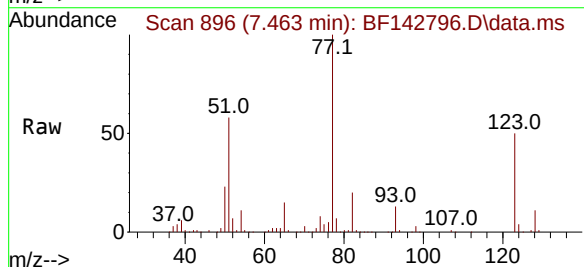
Tgt Ion: 77 Resp: 193310

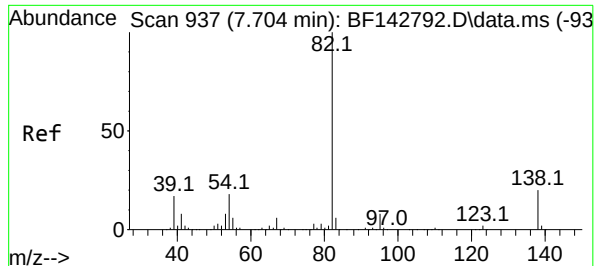
Ion Ratio Lower Upper

77 100

123 50.0 39.2 58.8

65 14.7 11.6 17.4

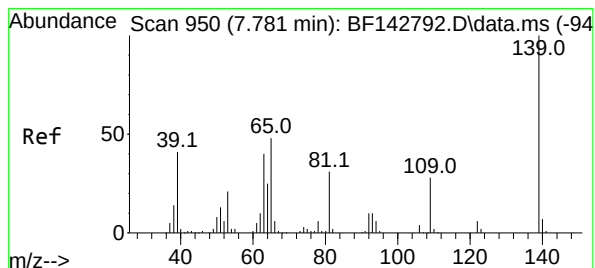
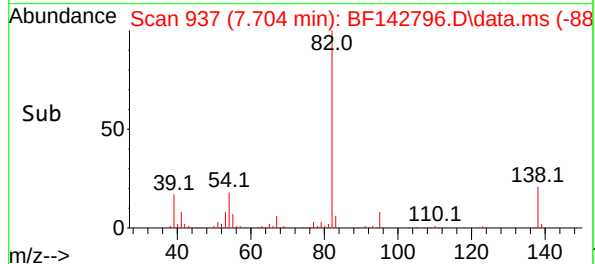
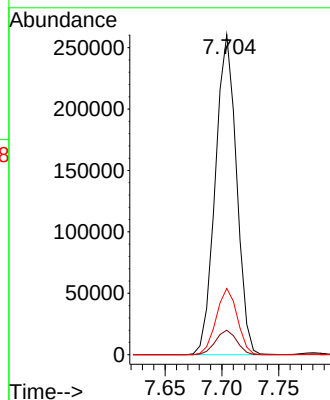
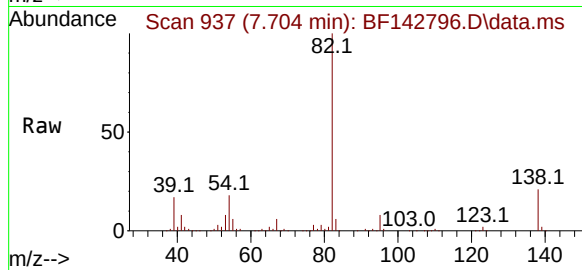




#25
Isophorone
Concen: 41.403 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

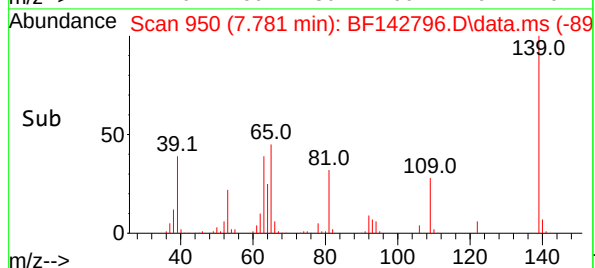
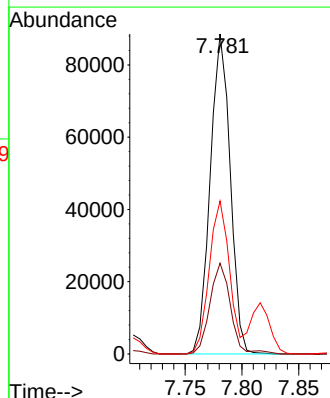
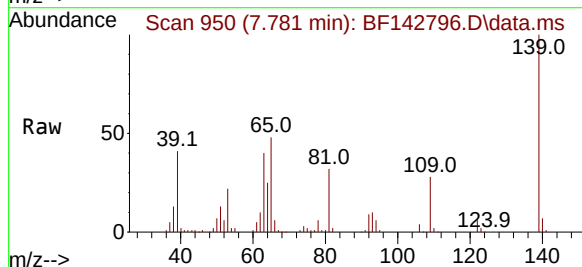
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

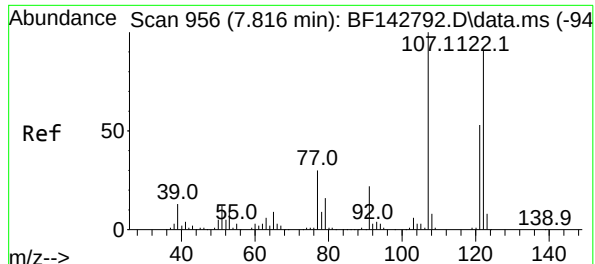
Tgt Ion:	82	Resp:	338001
Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	20.7	16.2	24.4



#26
2-Nitrophenol
Concen: 43.224 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:	139	Resp:	108455
Ion	Ratio	Lower	Upper
139	100		
109	28.4	22.7	34.1
65	47.8	38.6	58.0





#27

2,4-Dimethylphenol

Concen: 42.168 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

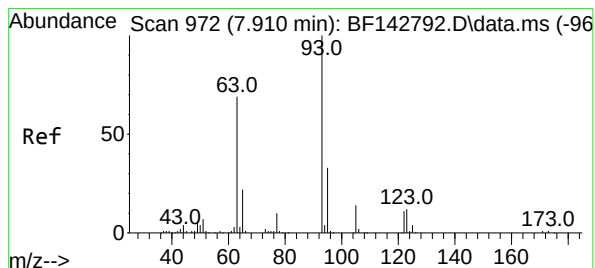
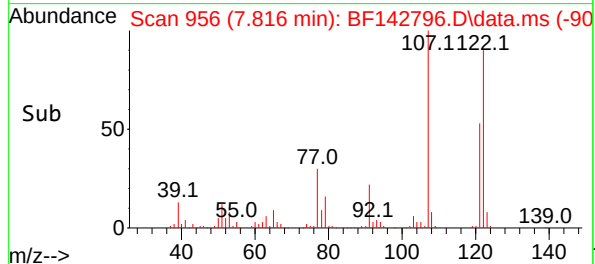
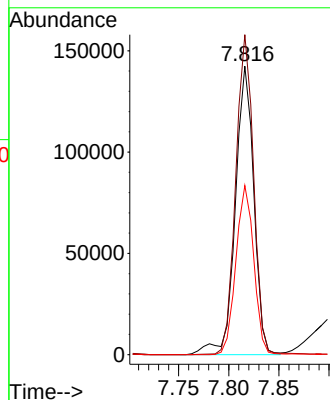
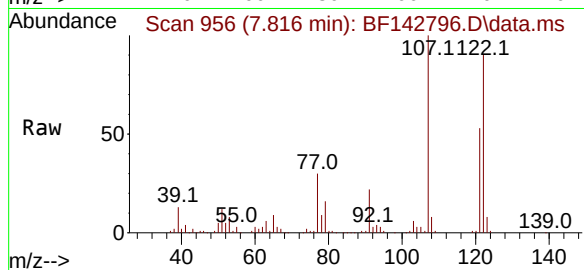
Tgt Ion:122 Resp: 183273

Ion Ratio Lower Upper

122 100

107 110.9 88.0 132.0

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.960 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

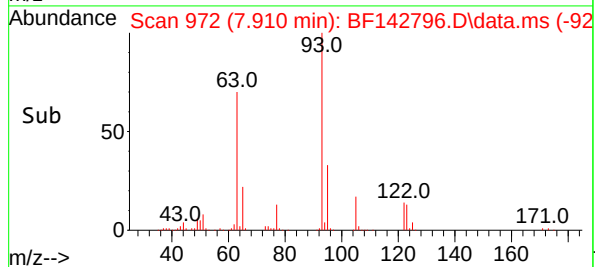
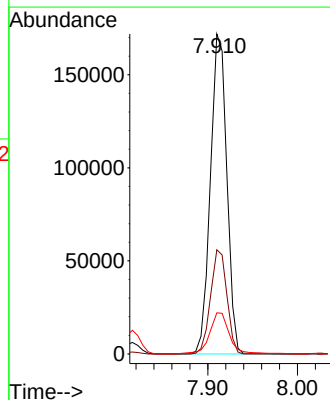
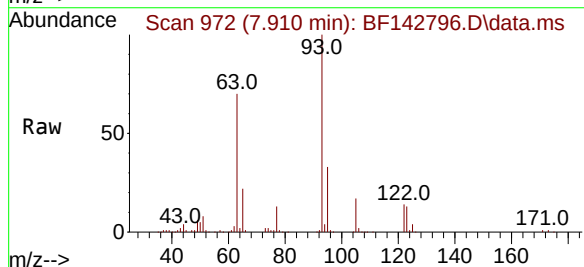
Tgt Ion: 93 Resp: 217774

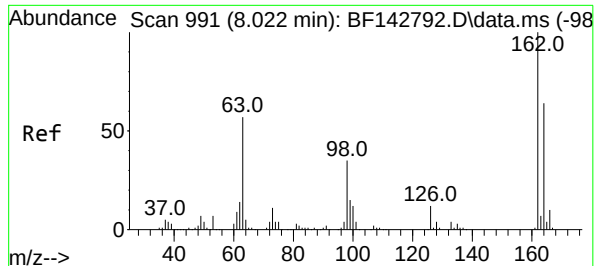
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.196 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

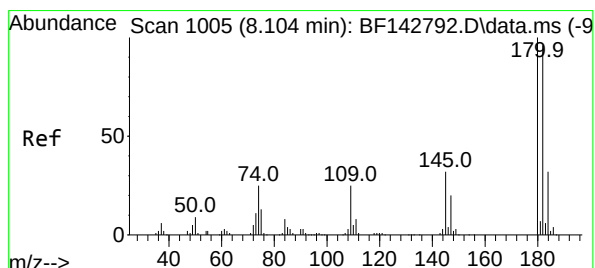
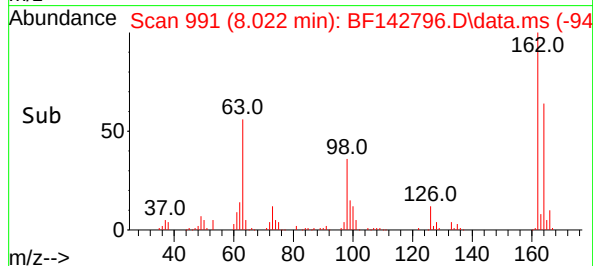
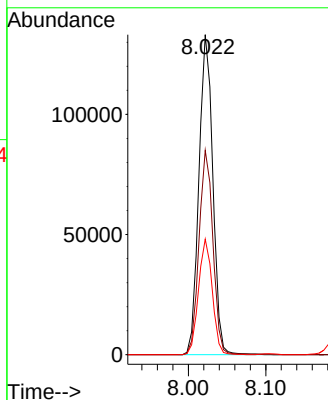
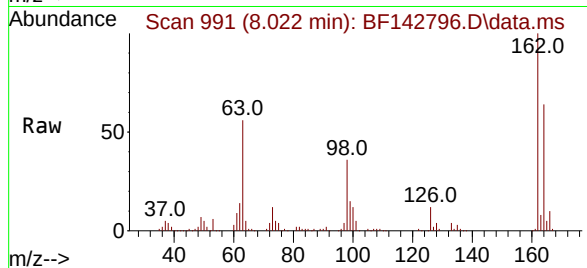
Tgt Ion:162 Resp: 166286

Ion Ratio Lower Upper

162 100

164 63.8 44.0 84.0

98 36.1 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.177 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

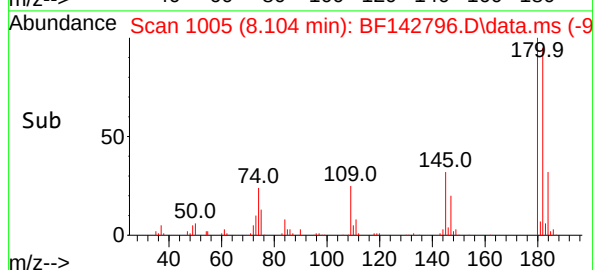
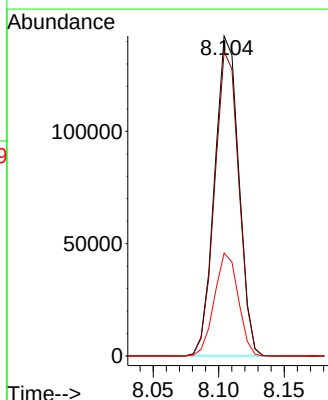
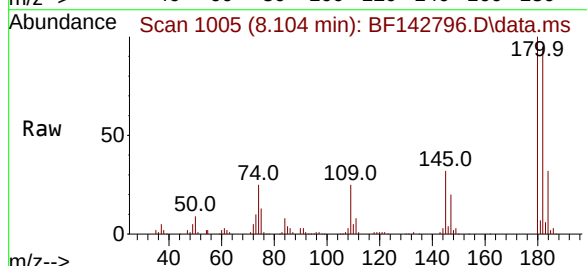
Tgt Ion:180 Resp: 182768

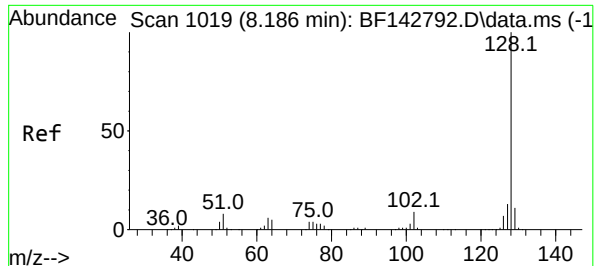
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 32.1 25.8 38.8

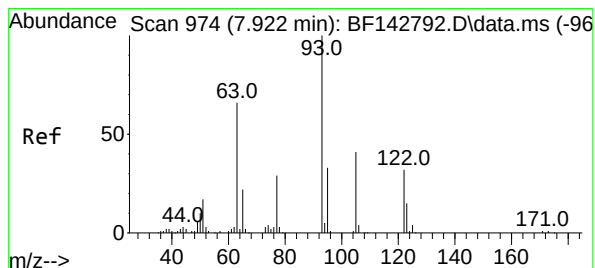
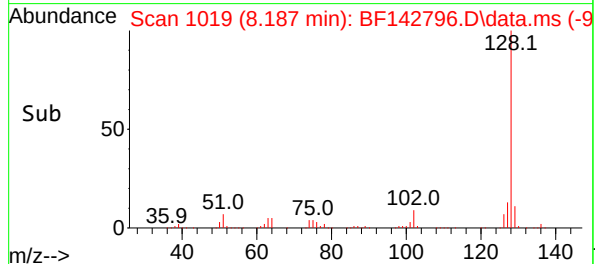
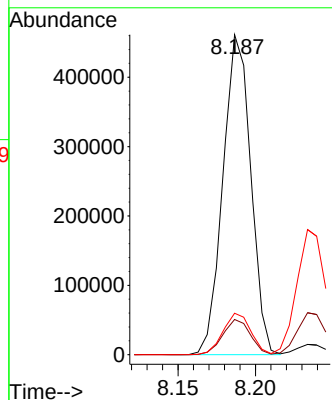
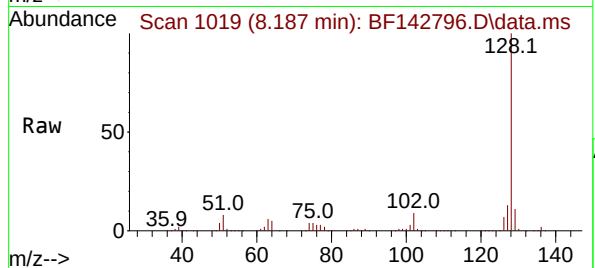




#31
Naphthalene
Concen: 42.218 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

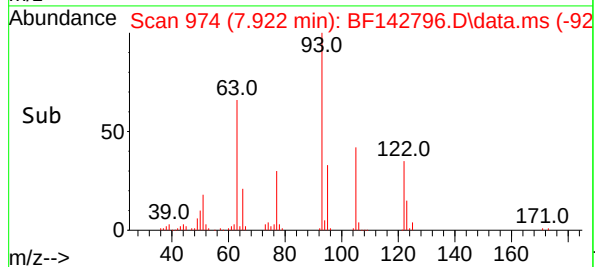
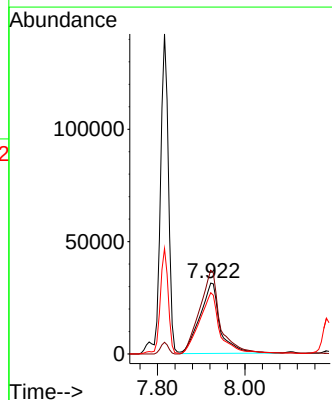
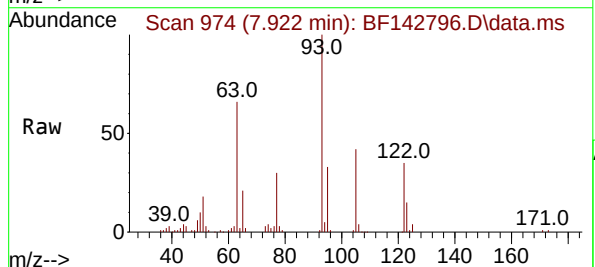
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

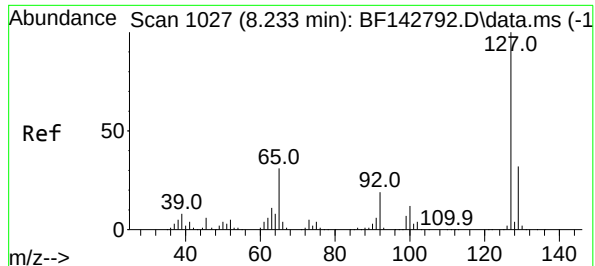
Tgt Ion:128 Resp: 576847
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 45.685 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:122 Resp: 101203
Ion Ratio Lower Upper
122 100
105 118.1 104.7 144.7
77 86.4 70.2 110.2





#33

4-Chloroaniline

Concen: 41.766 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

Tgt Ion:127 Resp: 232045

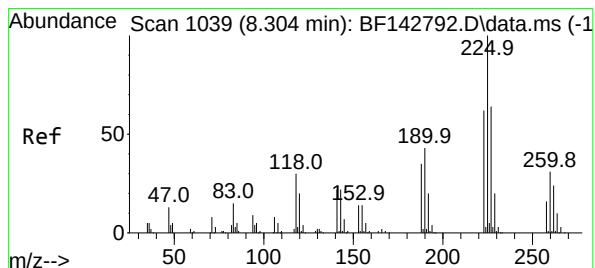
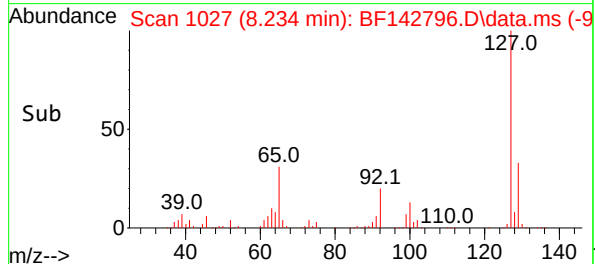
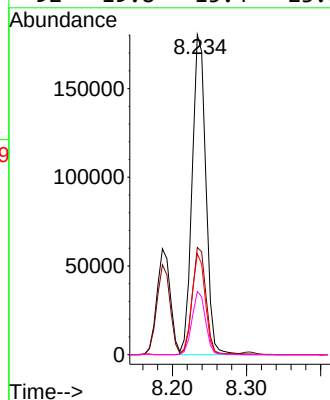
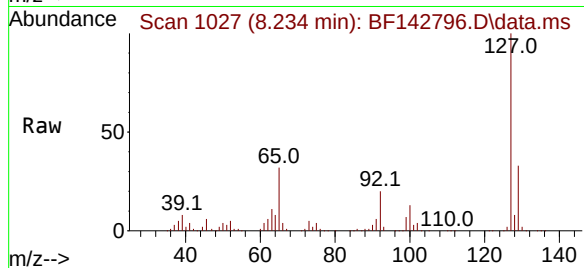
Ion Ratio Lower Upper

127 100

129 33.5 25.9 38.9

65 31.6 24.6 36.8

92 19.8 15.4 23.0



#34

Hexachlorobutadiene

Concen: 42.657 ng

RT: 8.304 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

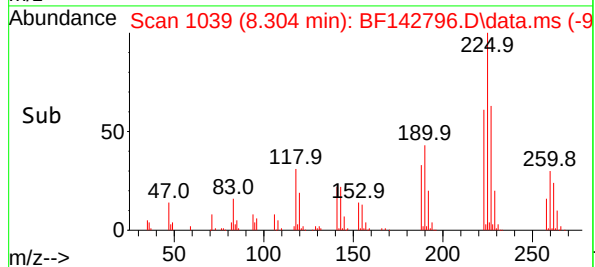
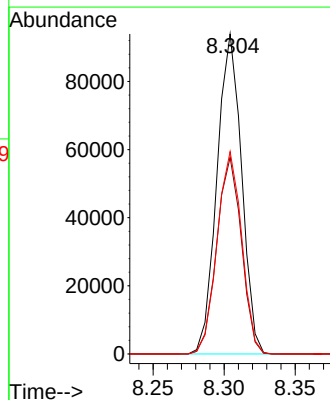
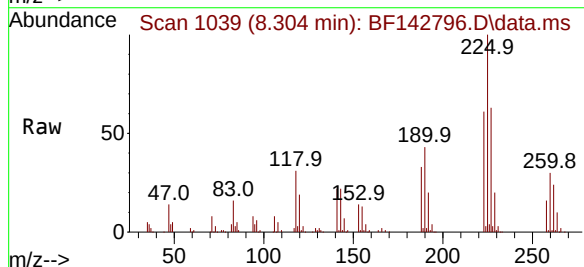
Tgt Ion:225 Resp: 113068

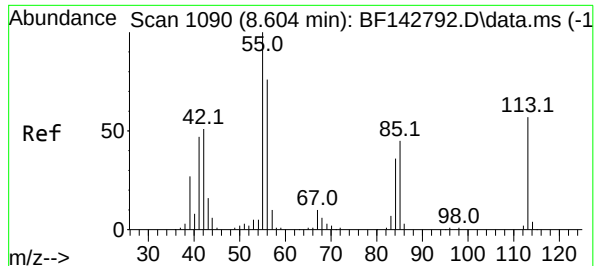
Ion Ratio Lower Upper

225 100

223 61.4 49.9 74.9

227 63.3 51.4 77.0

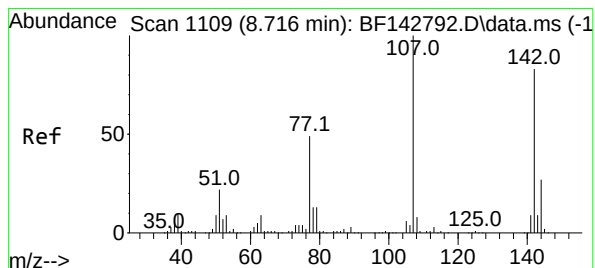
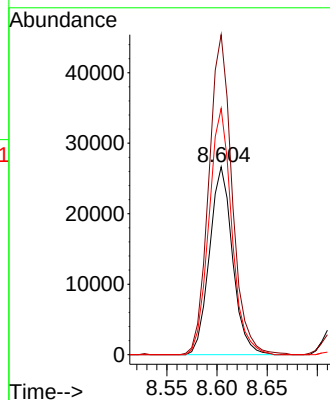
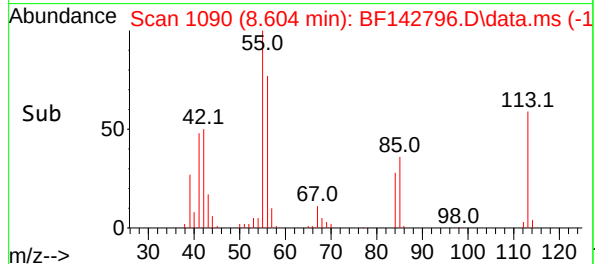
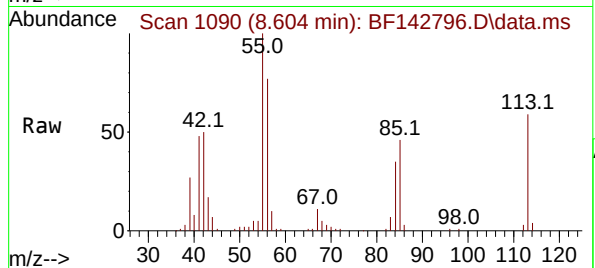




#35
Caprolactam
Concen: 40.928 ng
RT: 8.604 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

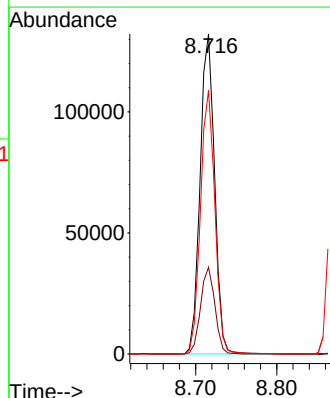
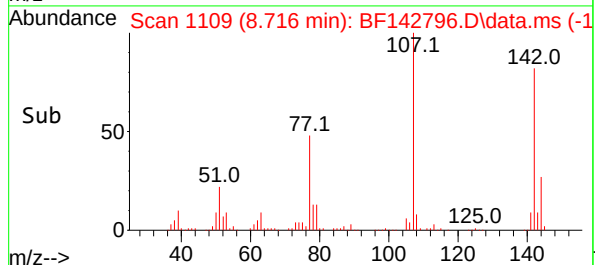
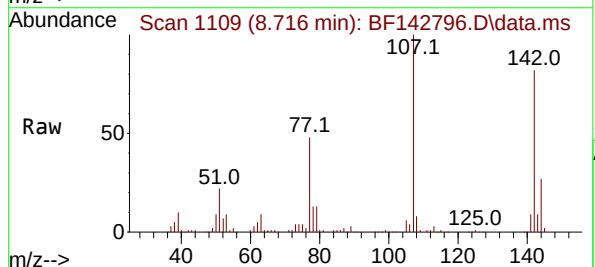
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

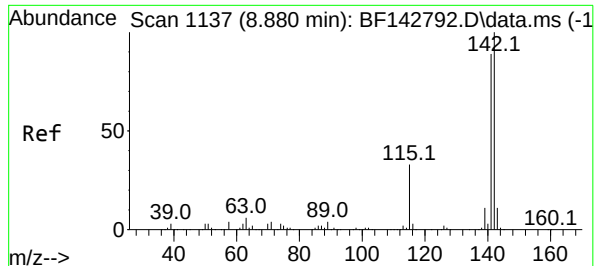
Tgt Ion:113 Resp: 42561
Ion Ratio Lower Upper
113 100
55 170.4 154.4 194.4
56 131.1 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 41.890 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:107 Resp: 164064
Ion Ratio Lower Upper
107 100
144 27.1 21.3 31.9
142 82.4 66.6 100.0





#37

2-Methylnaphthalene

Concen: 41.730 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

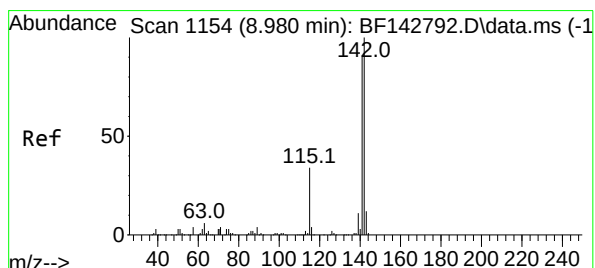
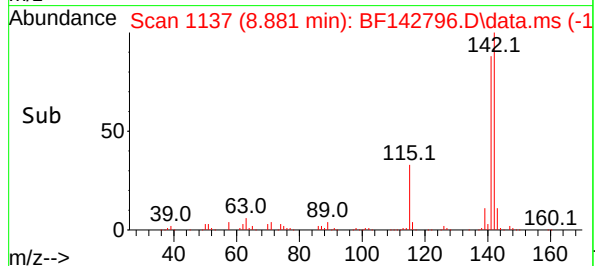
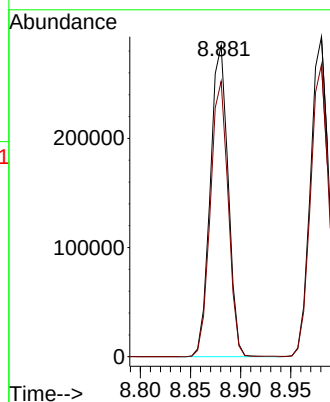
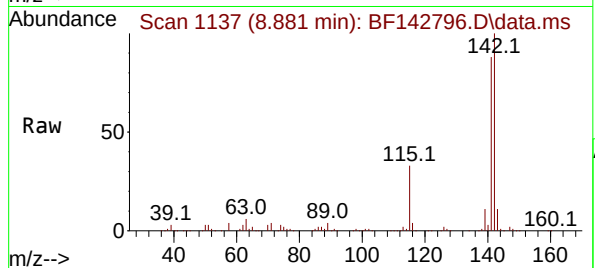
ICVBF061925

Tgt Ion:142 Resp: 353484

Ion Ratio Lower Upper

142 100

141 88.5 70.9 106.3



#38

1-Methylnaphthalene

Concen: 41.554 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF142796.D

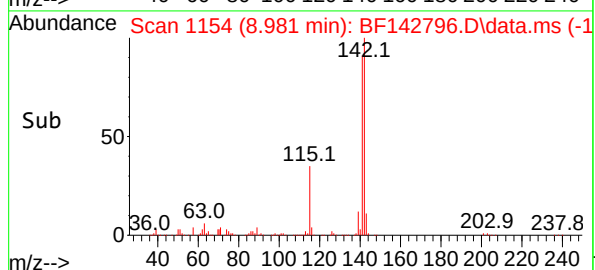
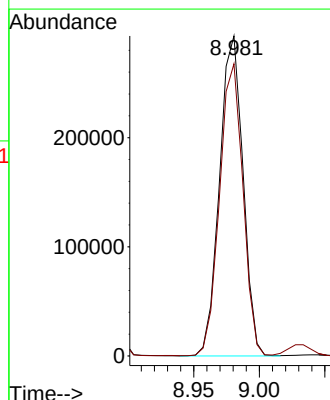
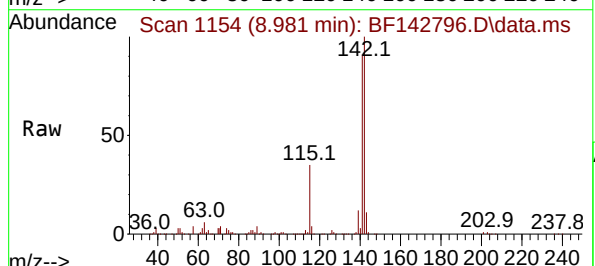
Acq: 19 Jun 2025 21:10

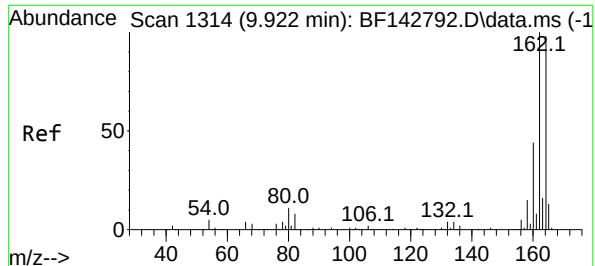
Tgt Ion:142 Resp: 364378

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

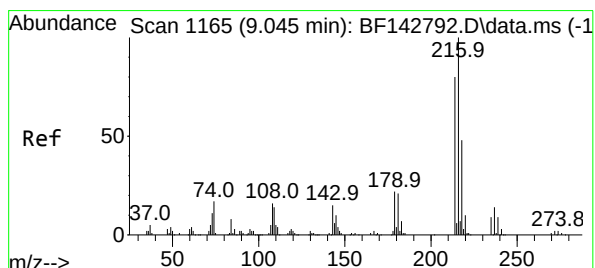
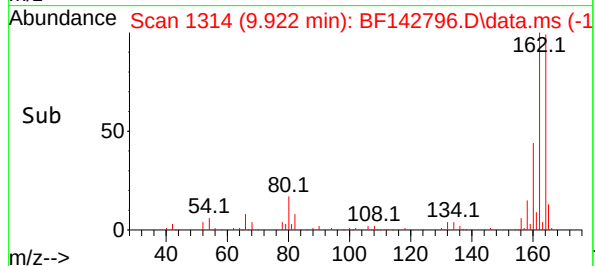
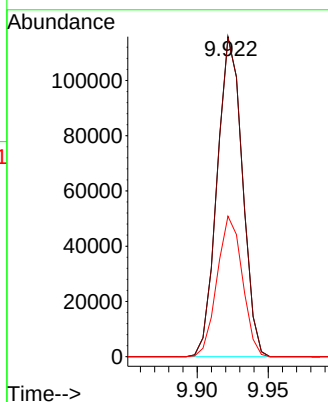
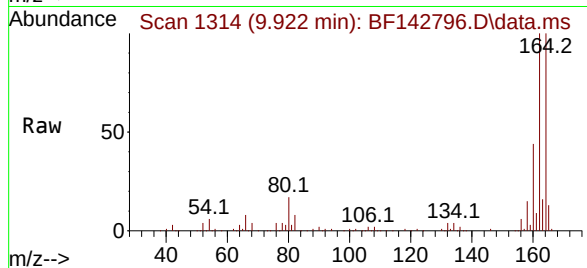
Tgt Ion:164 Resp: 142968

Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.8

160 43.9 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.233 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Tgt Ion:216 Resp: 182379

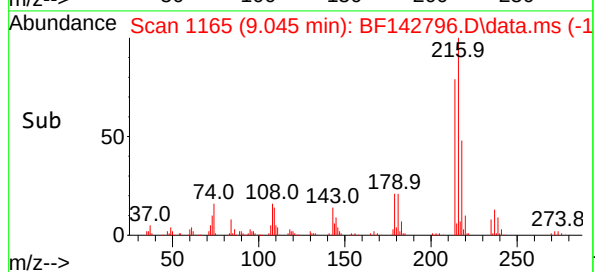
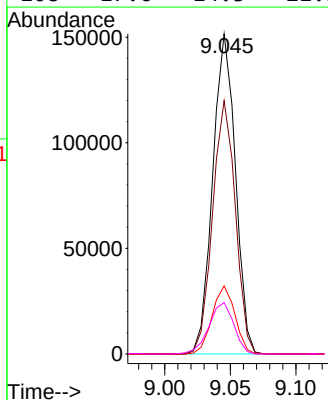
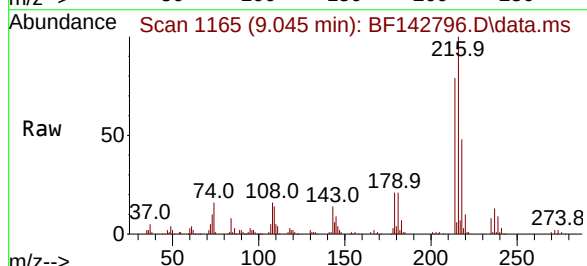
Ion Ratio Lower Upper

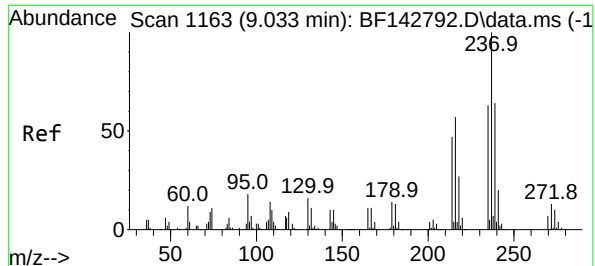
216 100

214 79.1 63.7 95.5

179 21.3 17.6 26.4

108 17.6 14.3 21.5

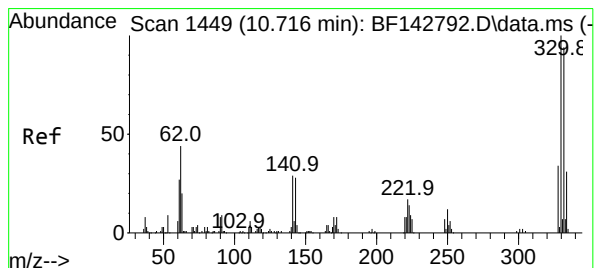
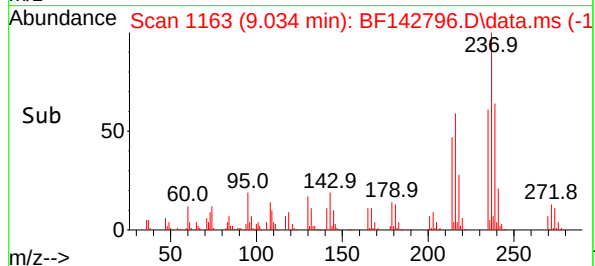
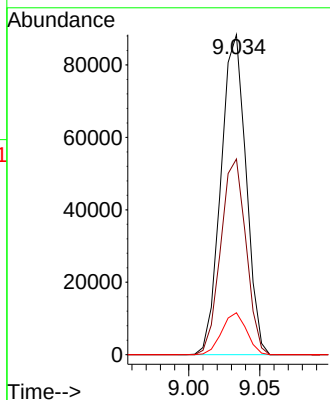
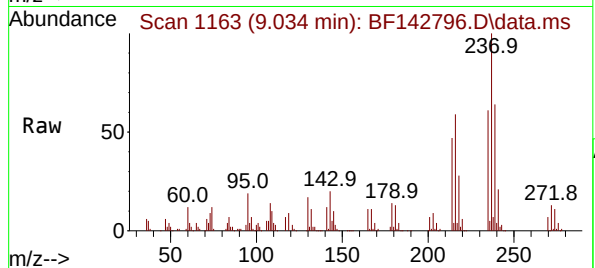




#41
Hexachlorocyclopentadiene
Concen: 45.361 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

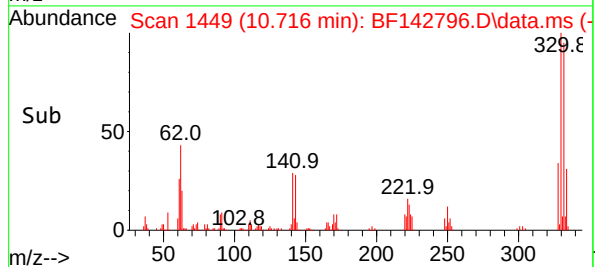
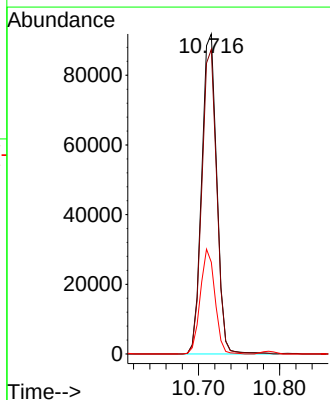
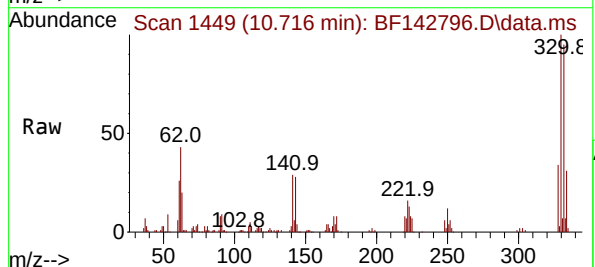
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

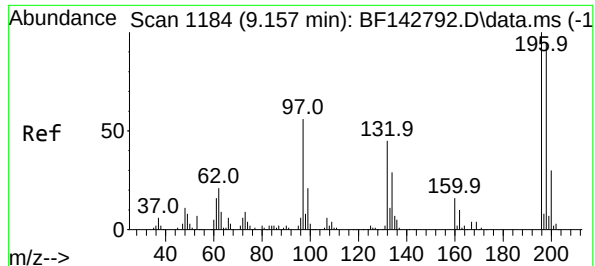
Tgt Ion:237 Resp: 108592
Ion Ratio Lower Upper
237 100
235 61.2 43.4 83.4
272 13.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 80.065 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:330 Resp: 117795
Ion Ratio Lower Upper
330 100
332 94.8 75.0 112.6
141 31.9 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 42.543 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142796.D

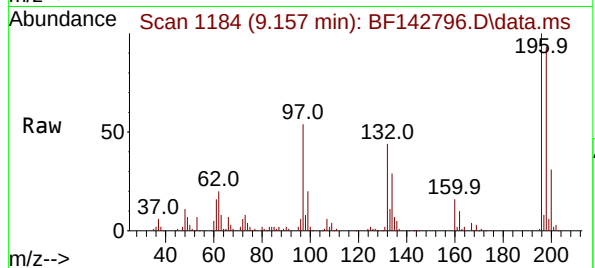
Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925



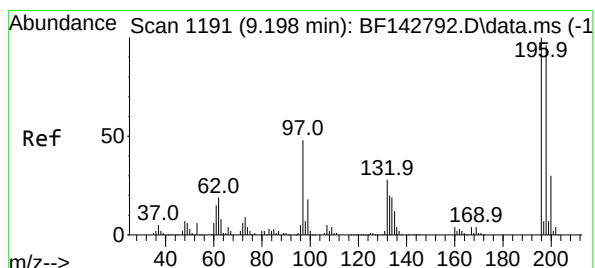
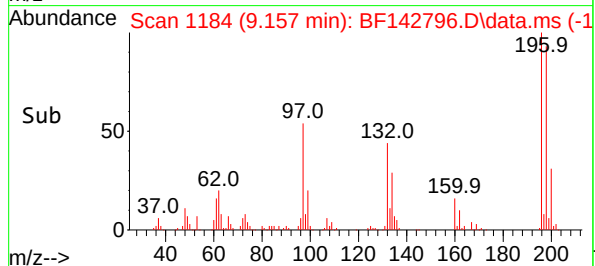
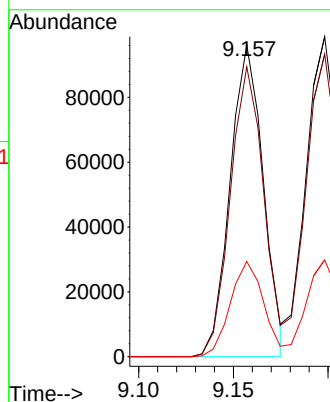
Tgt Ion:196 Resp: 116946

Ion Ratio Lower Upper

196 100

198 93.0 76.2 114.2

200 30.5 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 43.045 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Tgt Ion:196 Resp: 124558

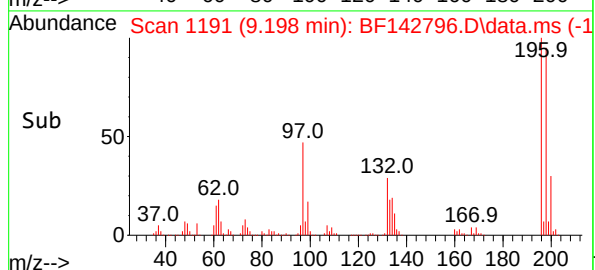
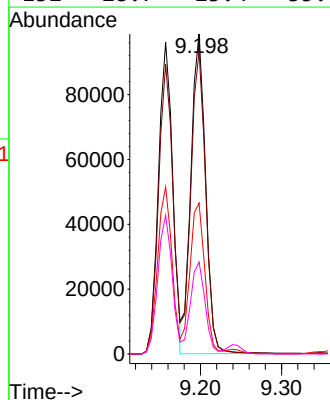
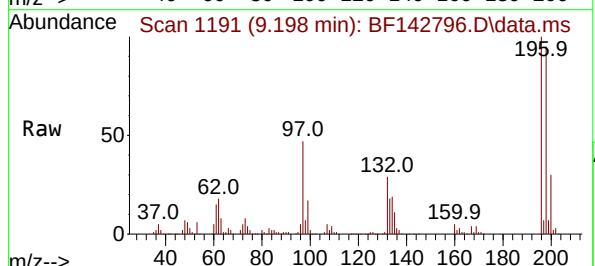
Ion Ratio Lower Upper

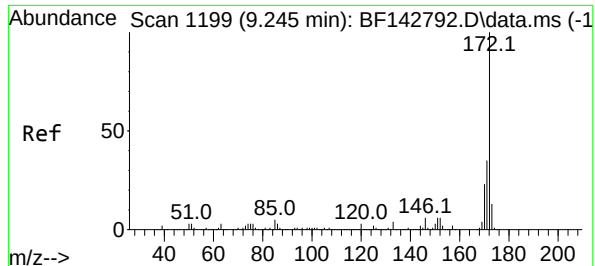
196 100

198 94.5 76.6 115.0

97 47.1 38.2 57.2

132 28.7 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 72.171 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

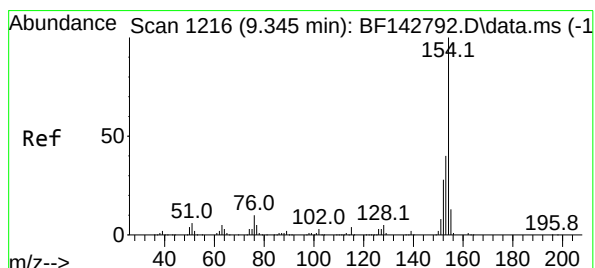
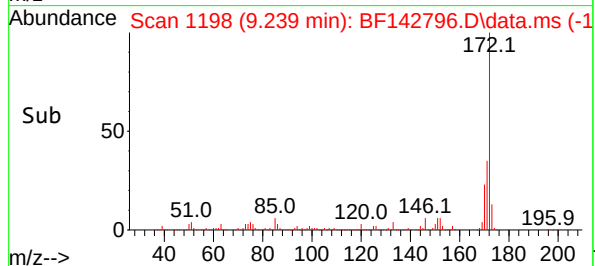
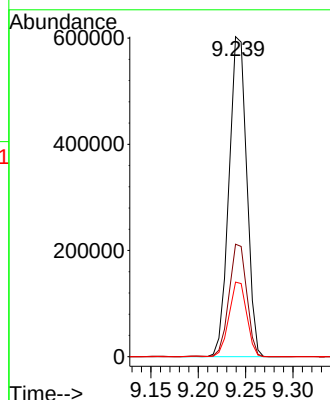
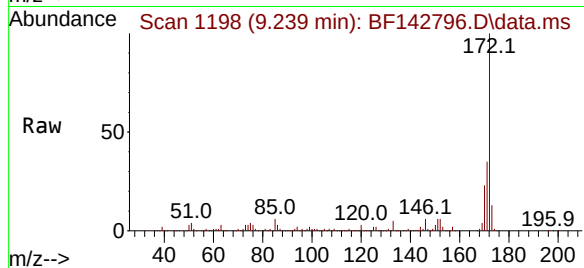
Tgt Ion:172 Resp: 785440

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.3 18.5 27.7



#46

1,1'-Biphenyl

Concen: 42.159 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

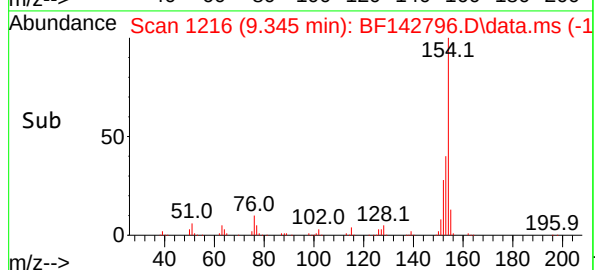
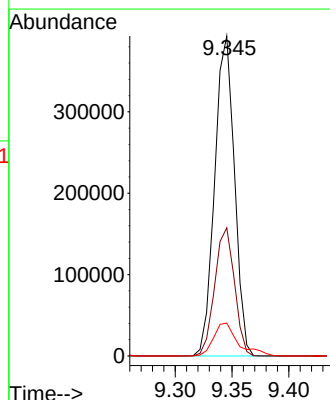
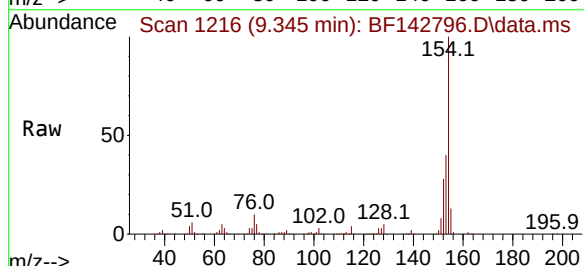
Tgt Ion:154 Resp: 476133

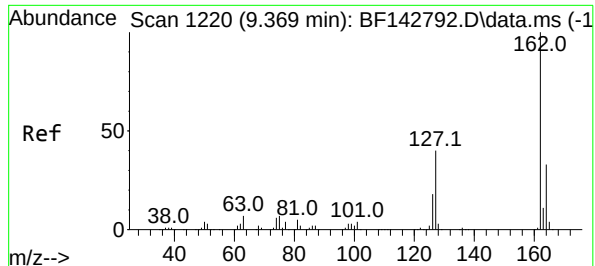
Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

76 10.3 0.0 30.3





#47

2-Chloronaphthalene

Concen: 41.817 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

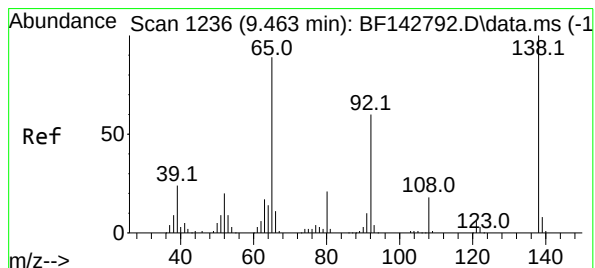
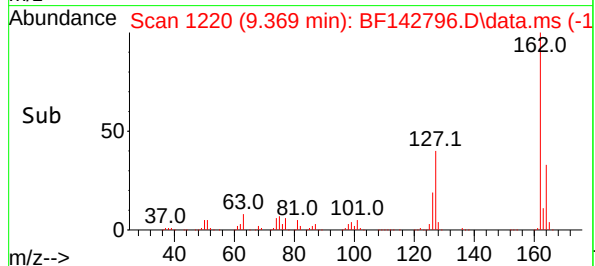
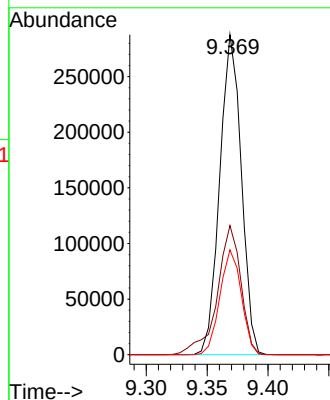
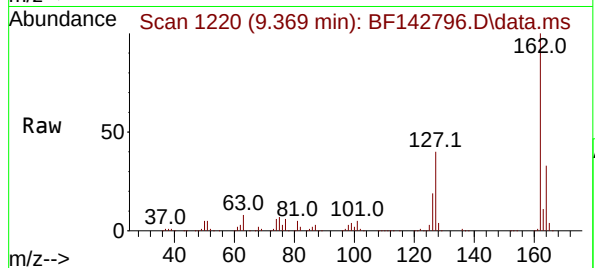
Tgt Ion:162 Resp: 354405

Ion Ratio Lower Upper

162 100

127 40.4 32.2 48.2

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 41.724 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

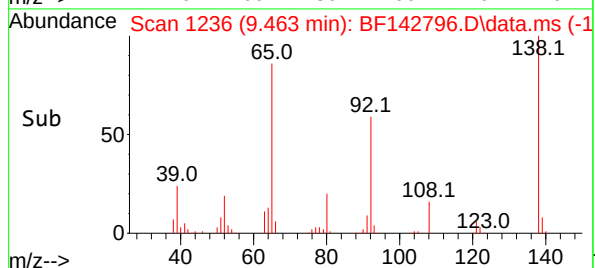
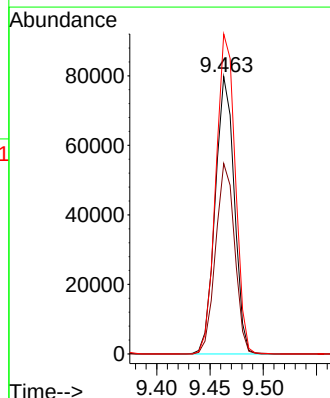
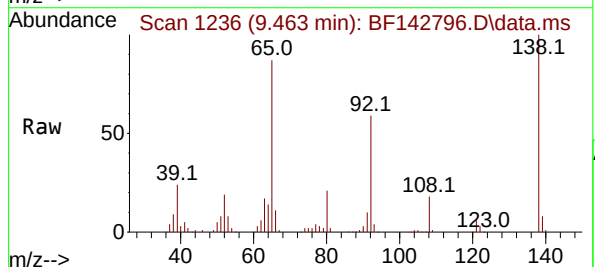
Tgt Ion: 65 Resp: 99137

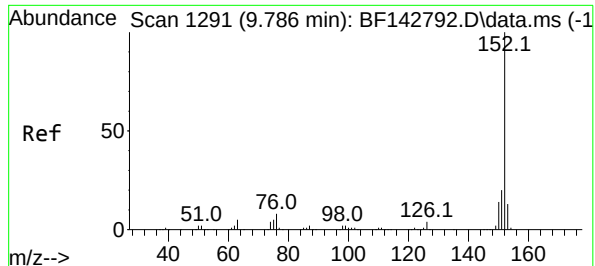
Ion Ratio Lower Upper

65 100

92 68.6 53.8 80.6

138 115.4 89.6 134.4





#49

Acenaphthylene

Concen: 41.586 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

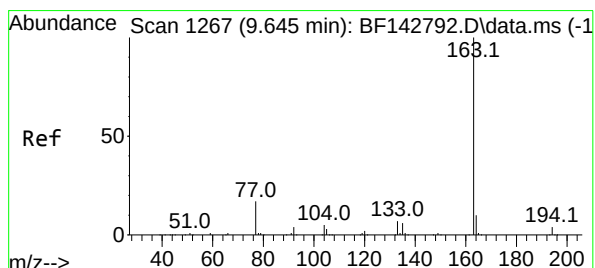
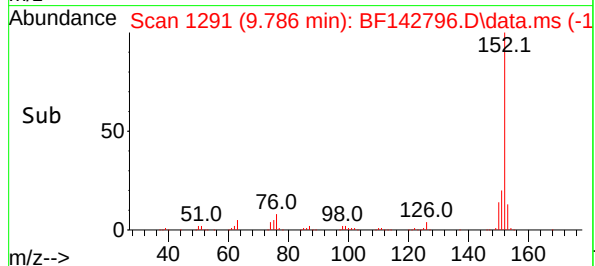
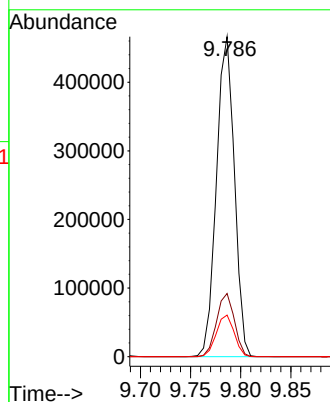
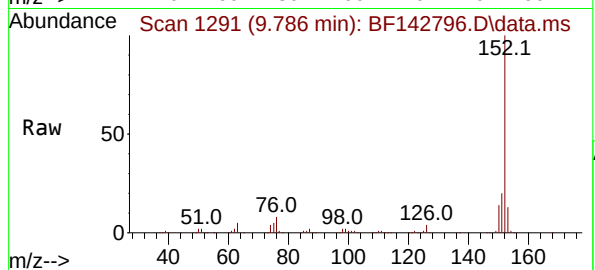
Tgt Ion:152 Resp: 580204

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 41.232 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

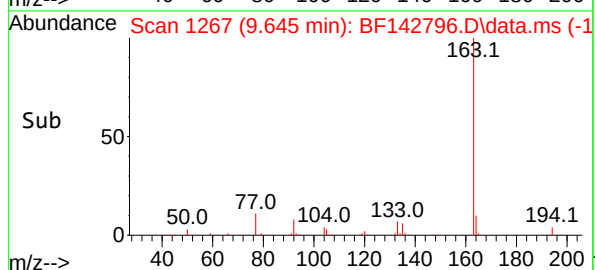
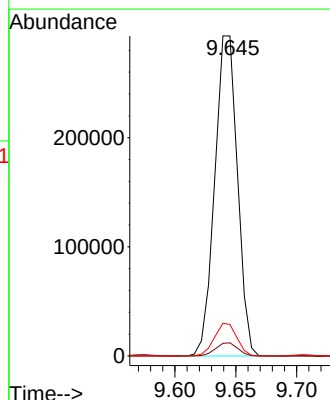
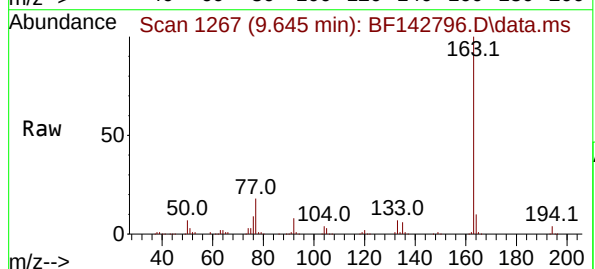
Tgt Ion:163 Resp: 381573

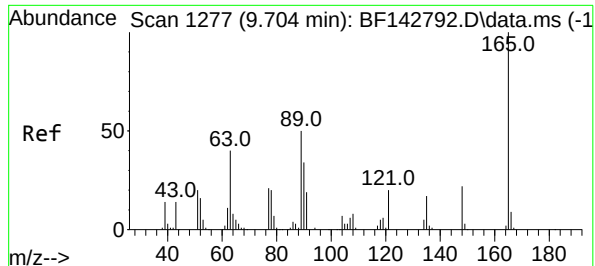
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 41.386 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

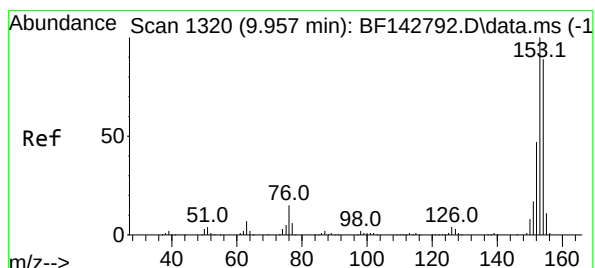
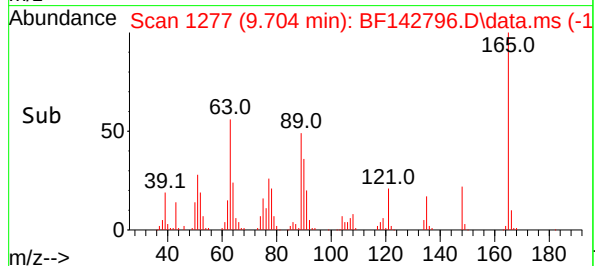
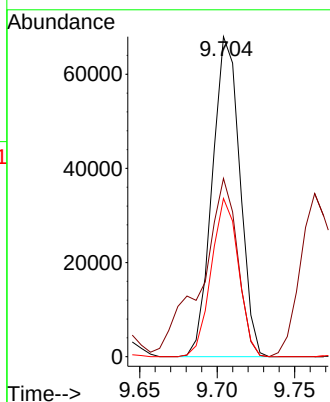
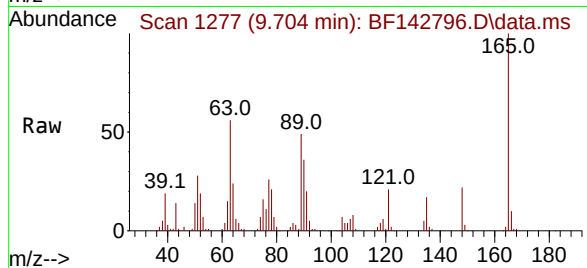
Tgt Ion:165 Resp: 84111

Ion Ratio Lower Upper

165 100

63 55.7 44.2 66.4

89 49.5 39.8 59.8



#52

Acenaphthene

Concen: 41.825 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

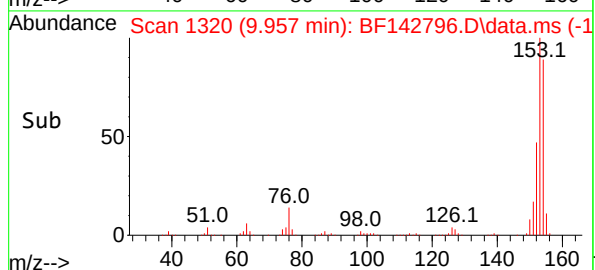
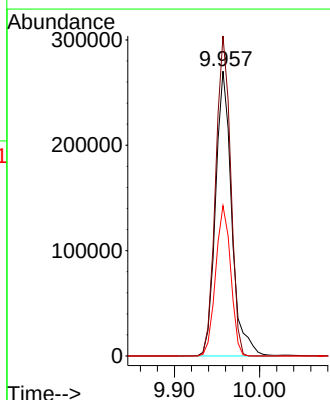
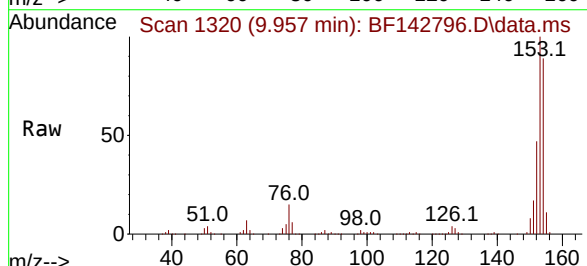
Tgt Ion:154 Resp: 356031

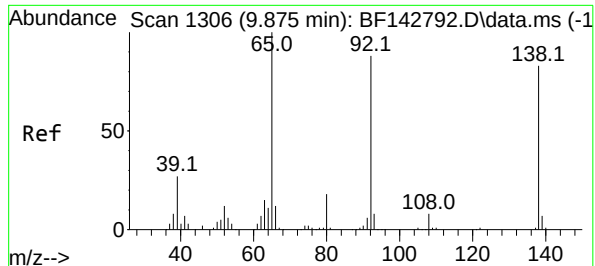
Ion Ratio Lower Upper

154 100

153 112.4 90.0 135.0

152 52.8 41.9 62.9





#53

3-Nitroaniline

Concen: 41.512 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

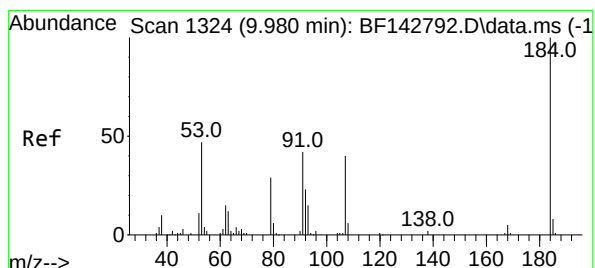
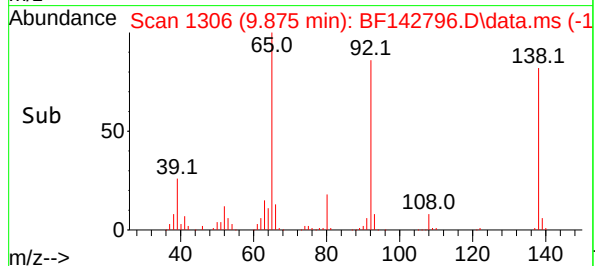
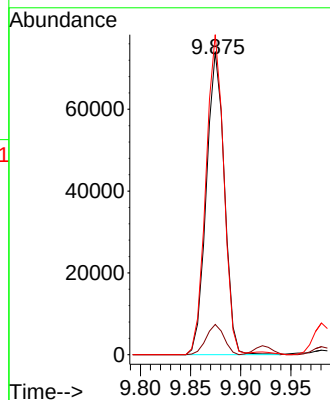
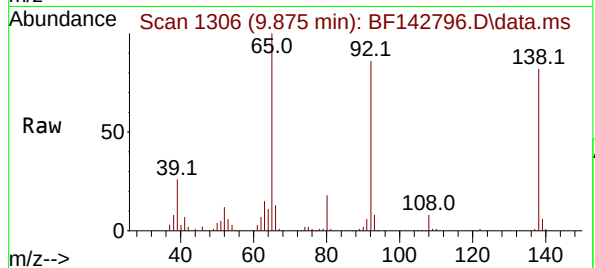
Tgt Ion:138 Resp: 92889

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

92 105.6 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 43.742 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

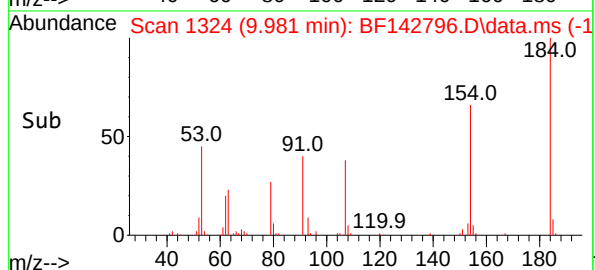
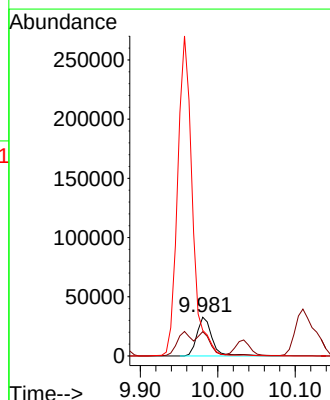
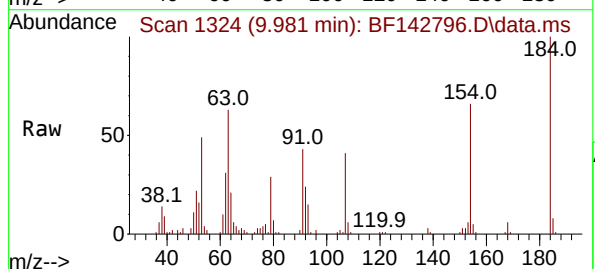
Tgt Ion:184 Resp: 44513

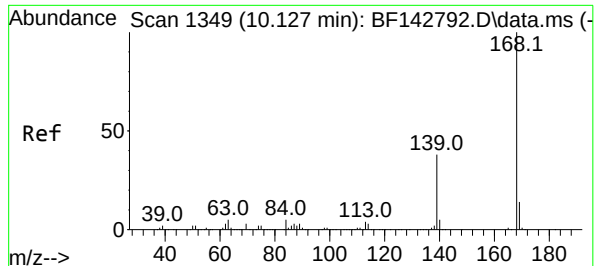
Ion Ratio Lower Upper

184 100

63 62.8 50.6 75.8

154 66.3 51.8 77.8





#55

Dibenzofuran

Concen: 41.150 ng

RT: 10.128 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

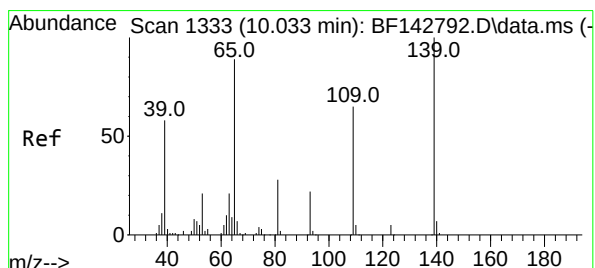
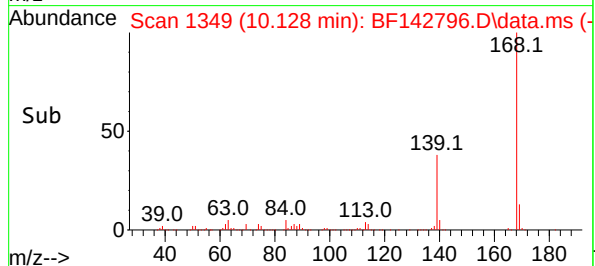
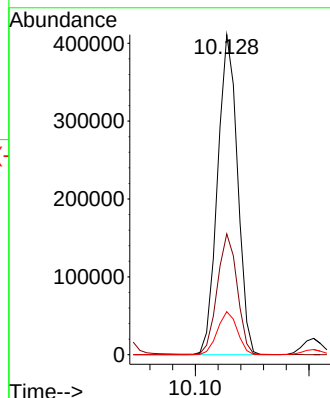
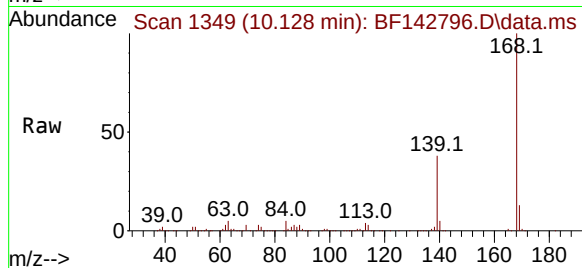
Tgt Ion:168 Resp: 502290

Ion Ratio Lower Upper

168 100

139 37.7 30.2 45.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 40.556 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

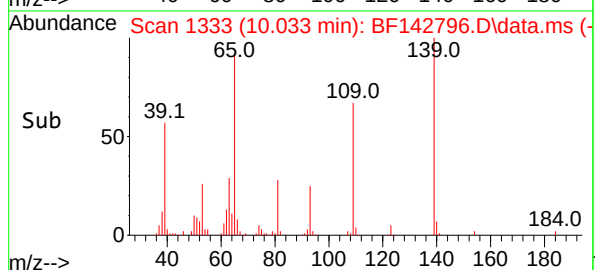
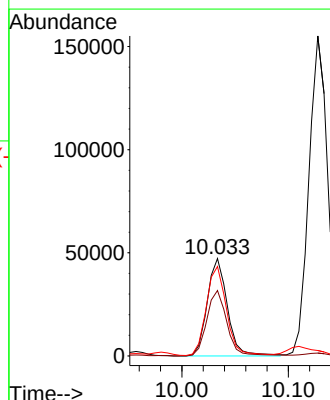
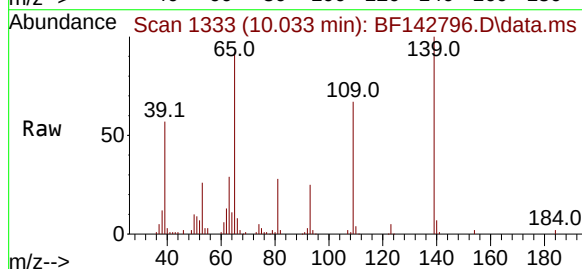
Tgt Ion:139 Resp: 62127

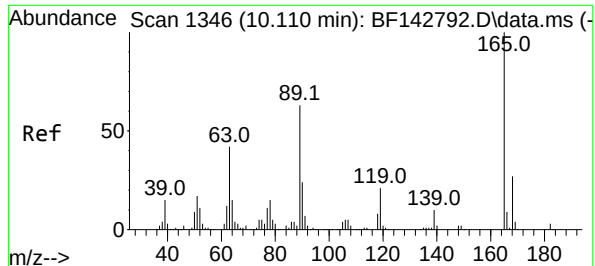
Ion Ratio Lower Upper

139 100

109 67.2 44.7 84.7

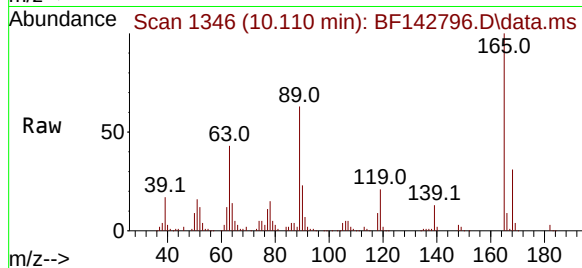
65 91.8 69.8 109.8



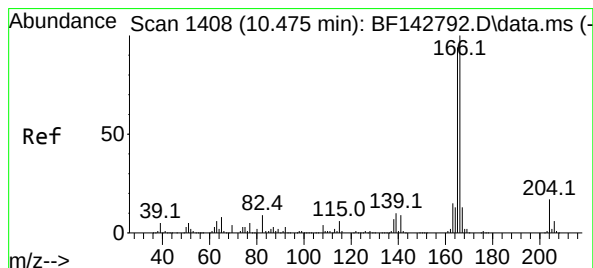
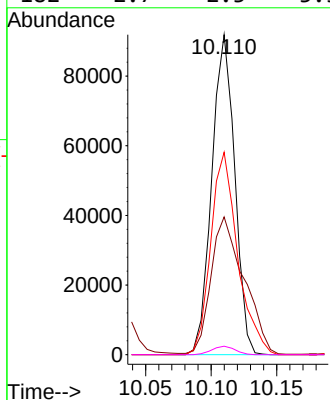
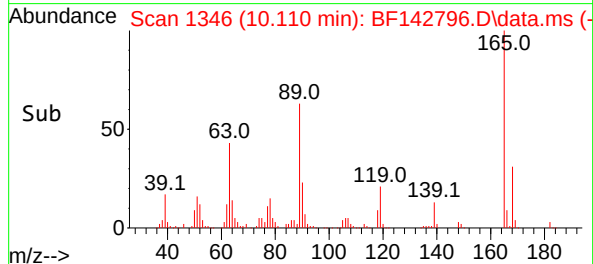


#57
2,4-Dinitrotoluene
Concen: 41.358 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

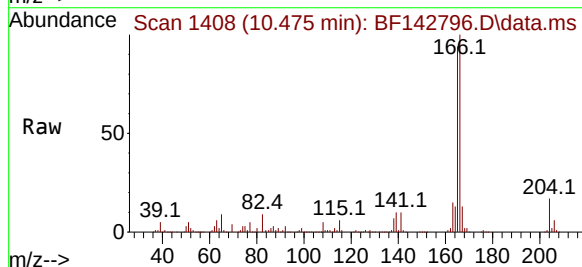
Instrument :
BNA_F
ClientSampleId :
ICVBF061925



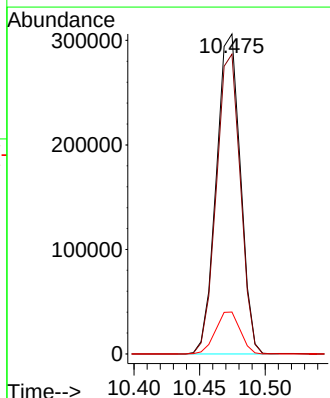
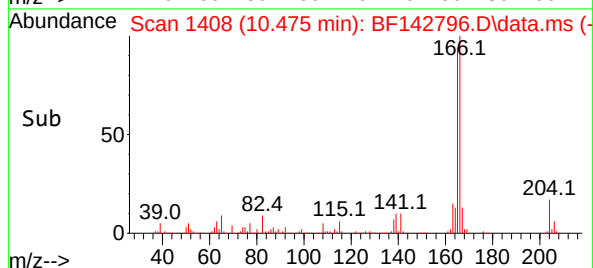
Tgt Ion:165 Resp: 111649
Ion Ratio Lower Upper
165 100
63 43.0 33.9 50.9
89 63.3 50.6 75.8
182 2.7 2.3 3.5

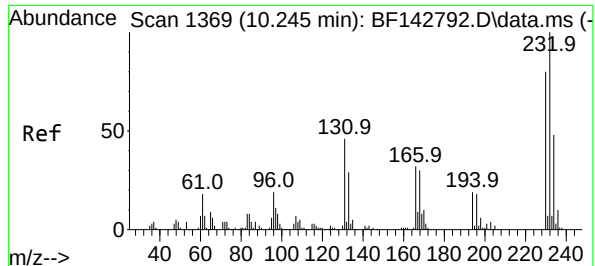


#58
Fluorene
Concen: 41.052 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10



Tgt Ion:166 Resp: 391356
Ion Ratio Lower Upper
166 100
165 93.7 75.2 112.8
167 13.1 10.6 15.8

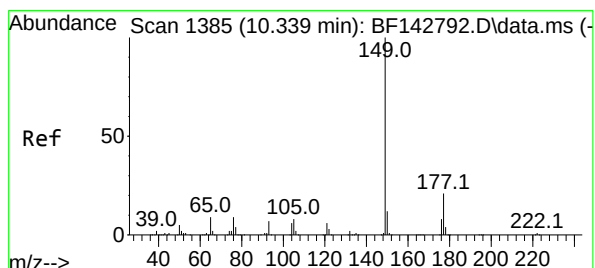
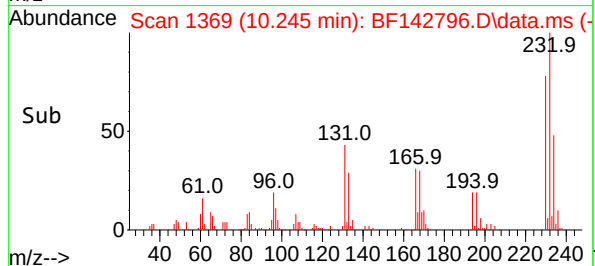
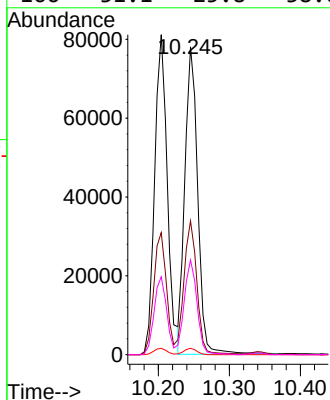
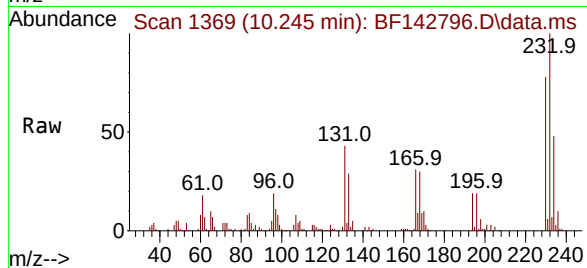




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.857 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

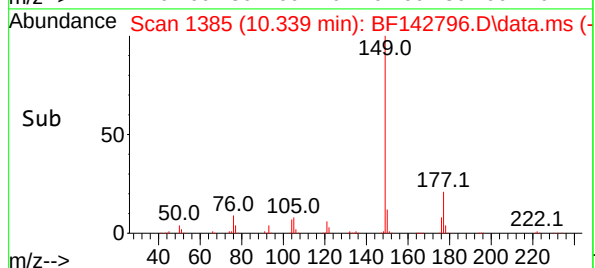
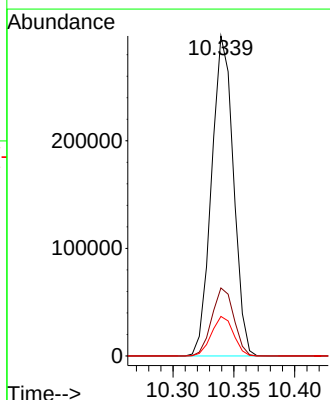
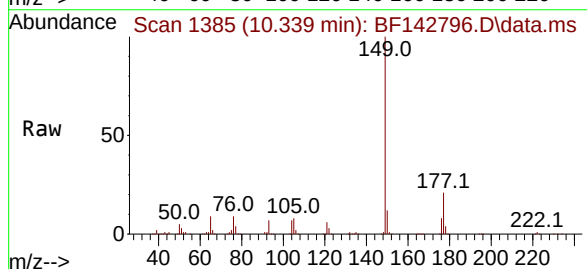
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

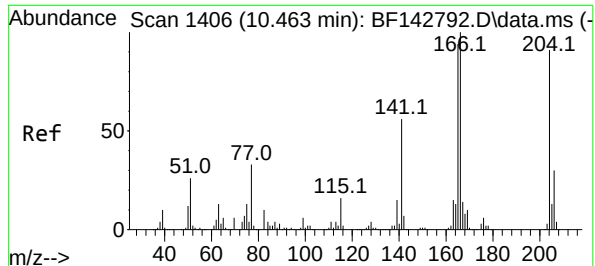
Tgt Ion:232 Resp: 97630
Ion Ratio Lower Upper
232 100
131 44.4 37.6 56.4
130 2.1 1.7 2.5
166 31.1 25.8 38.6



#60
Diethylphthalate
Concen: 40.937 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:149 Resp: 371453
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.4 9.8 14.6

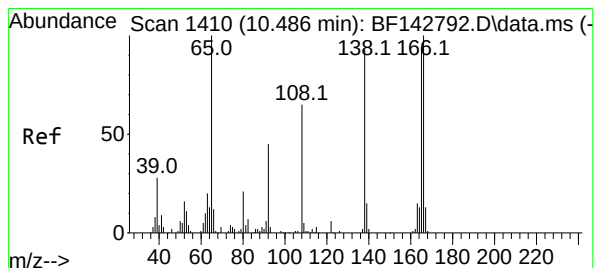
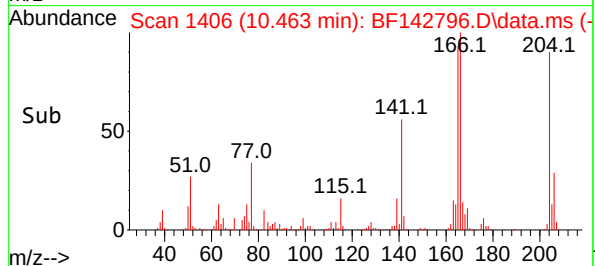
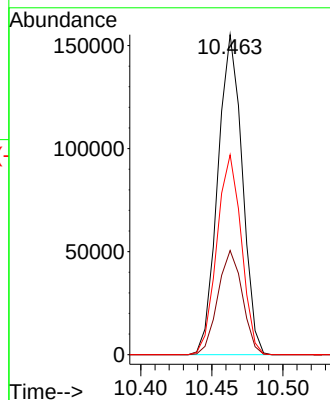
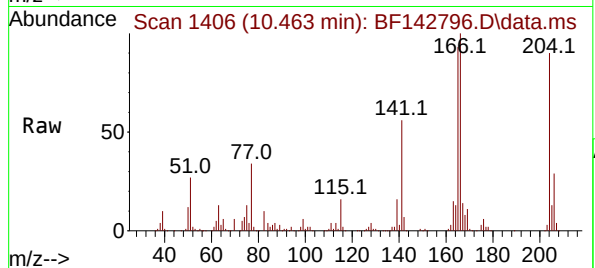




#61
4-Chlorophenyl-phenylether
Concen: 40.862 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

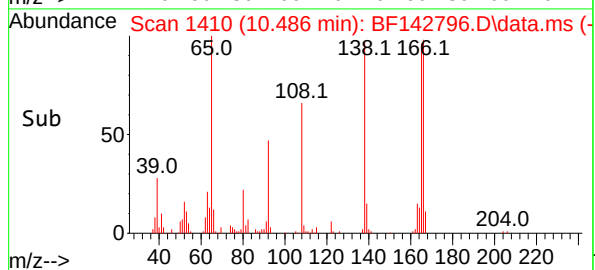
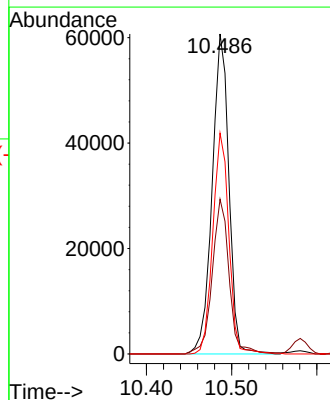
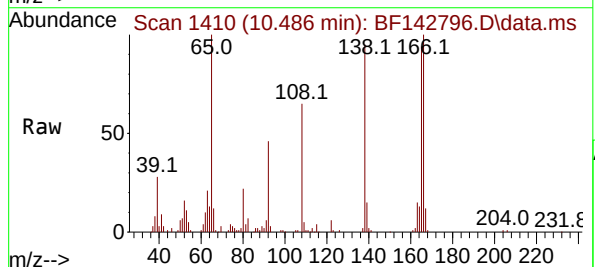
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

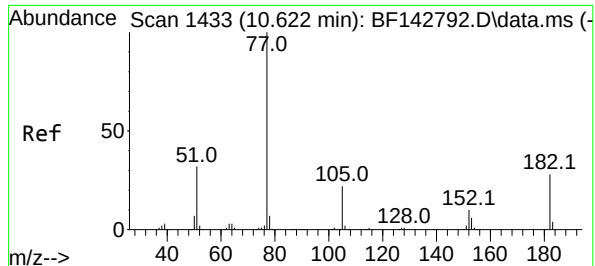
Tgt Ion:204 Resp: 185884
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 62.5 49.1 73.7



#62
4-Nitroaniline
Concen: 40.628 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:138 Resp: 83143
Ion Ratio Lower Upper
138 100
92 48.4 28.4 68.4
108 69.0 50.2 90.2

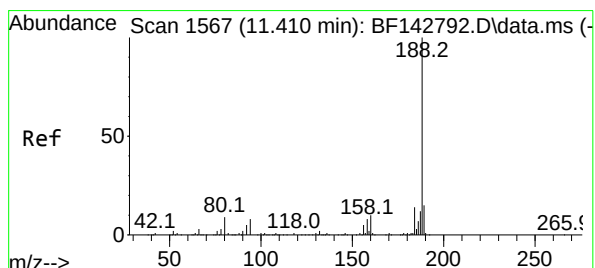
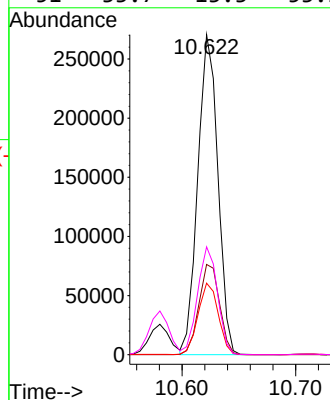
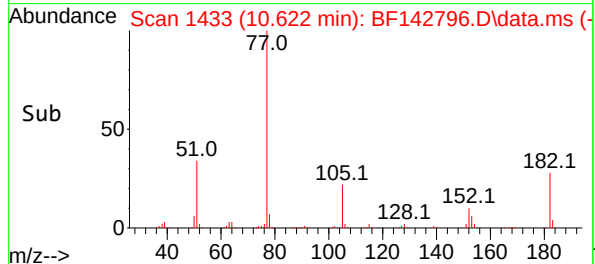
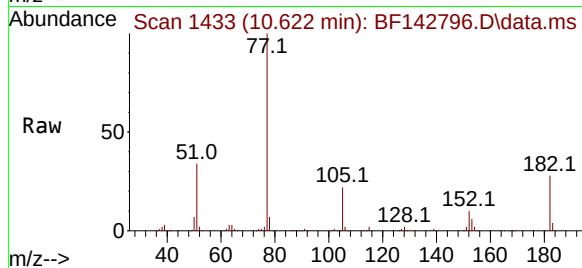




#63
Azobenzene
Concen: 41.025 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

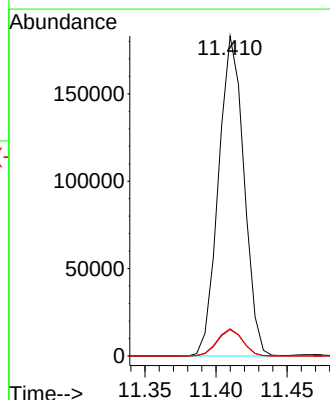
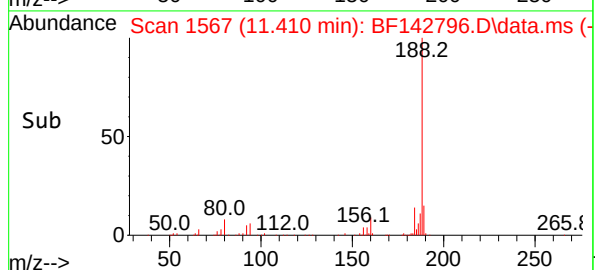
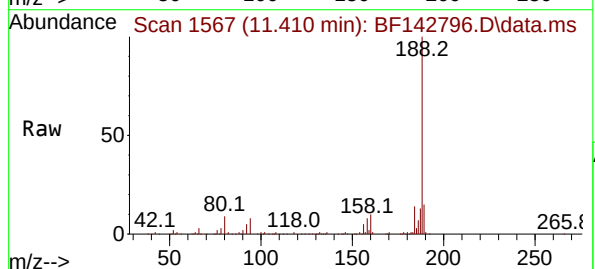
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

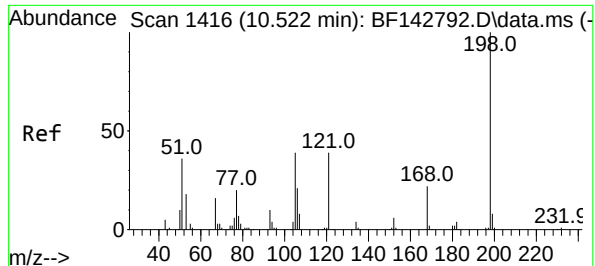
Tgt Ion:	77	Resp:	332701
Ion	Ratio	Lower	Upper
77	100		
182	28.2	7.7	47.7
105	22.4	1.9	41.9
51	33.7	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:	188	Resp:	228099
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.5	6.9	10.3

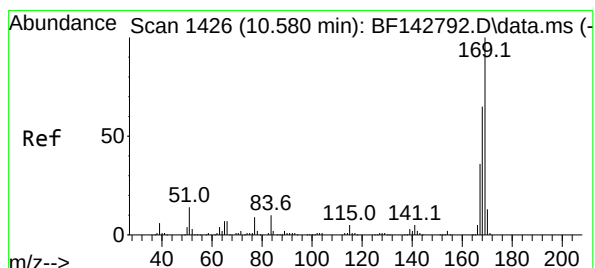
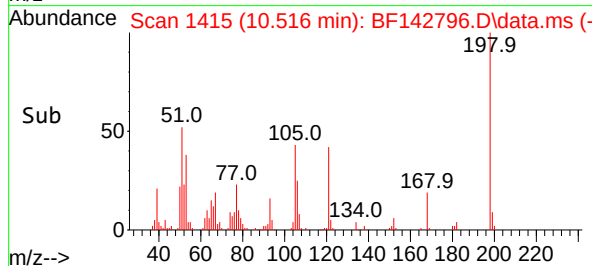
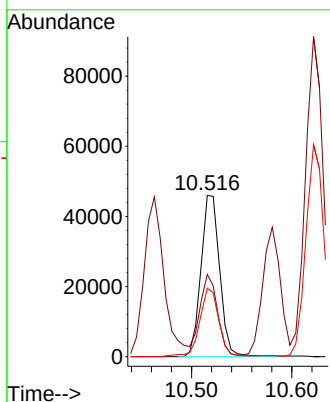
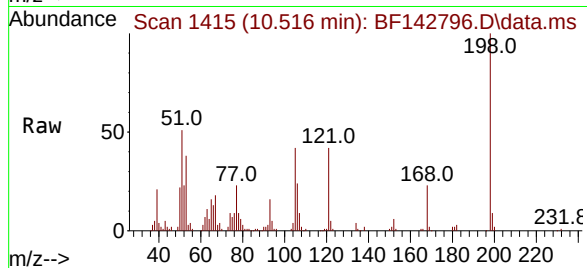




#65
4,6-Dinitro-2-methylphenol
Concen: 43.341 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

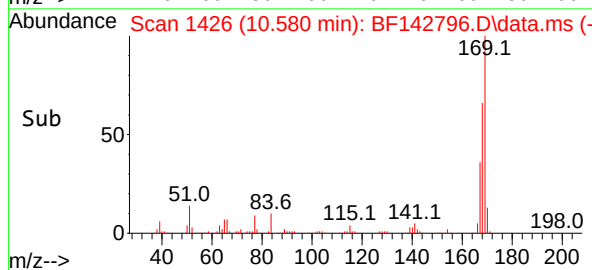
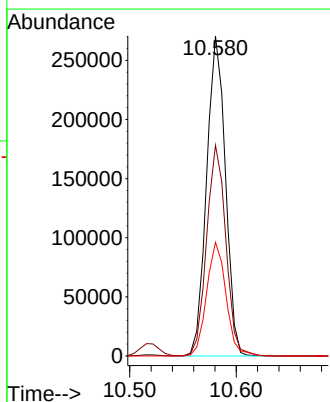
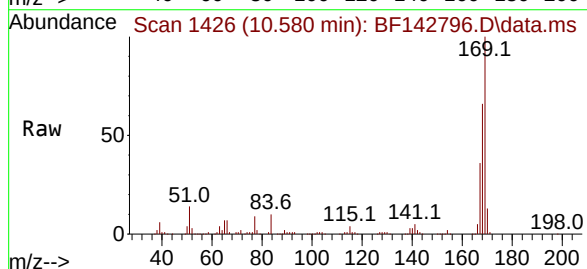
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

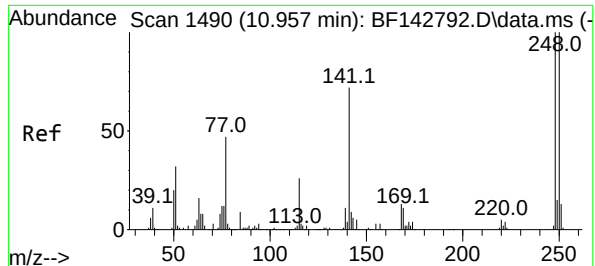
Tgt Ion:198 Resp: 59797
Ion Ratio Lower Upper
198 100
51 51.0 25.4 65.4
105 42.5 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 41.955 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:169 Resp: 331671
Ion Ratio Lower Upper
169 100
168 65.8 51.9 77.9
167 35.5 28.5 42.7

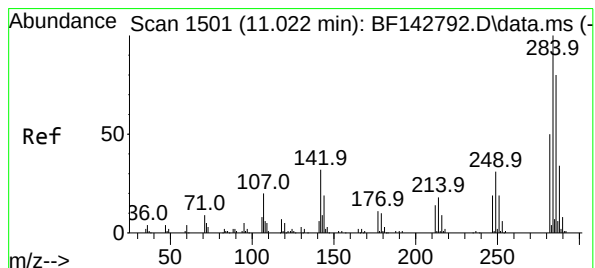
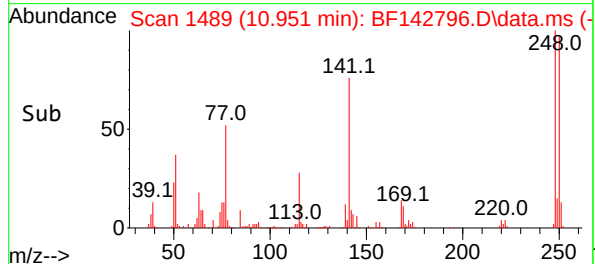
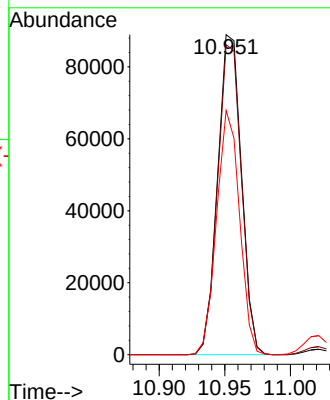
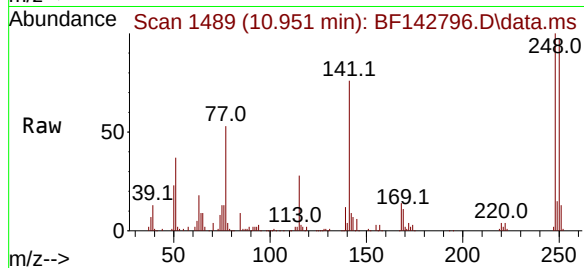




#67
4-Bromophenyl-phenylether
Concen: 43.376 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

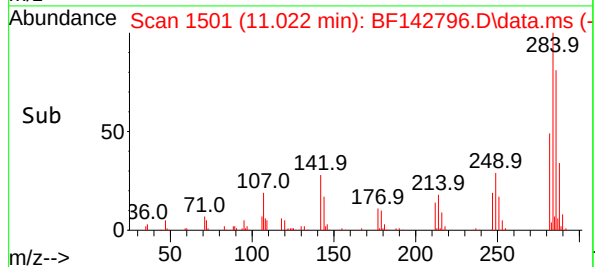
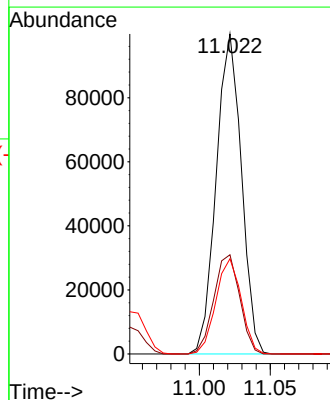
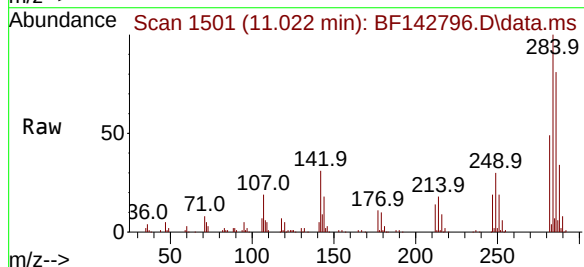
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

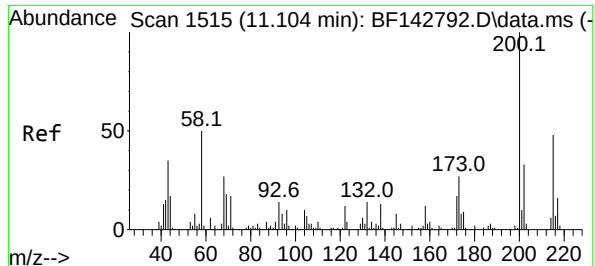
Tgt Ion:248 Resp: 112604
Ion Ratio Lower Upper
248 100
250 96.8 79.8 119.8
141 76.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 42.632 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:284 Resp: 122976
Ion Ratio Lower Upper
284 100
142 31.0 25.5 38.3
249 29.8 24.9 37.3





#69

Atrazine

Concen: 42.840 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

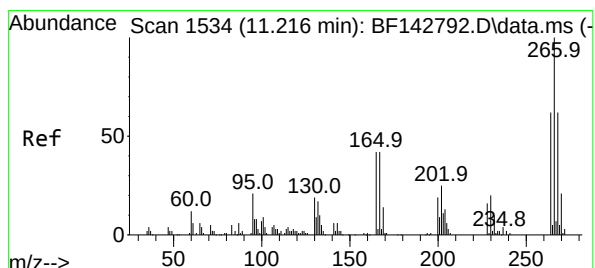
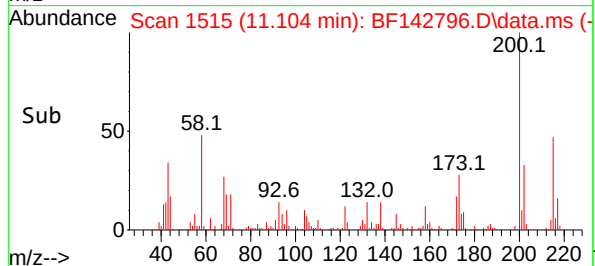
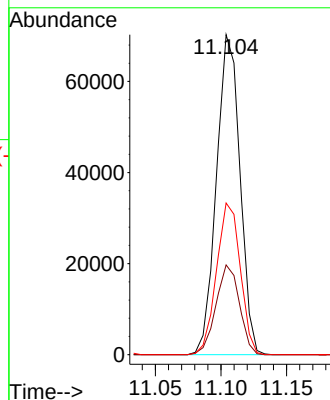
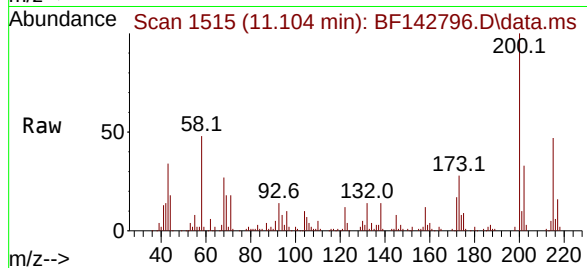
Tgt Ion:200 Resp: 87455

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 47.4 28.4 68.4



#70

Pentachlorophenol

Concen: 43.337 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

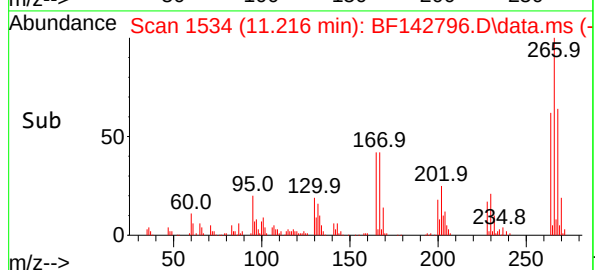
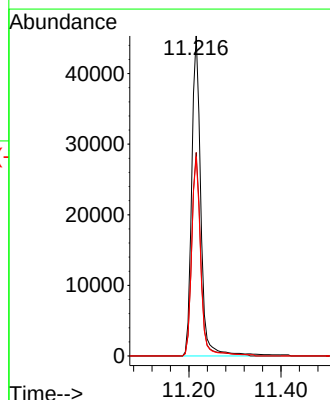
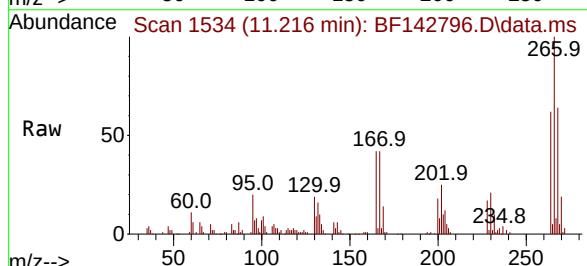
Tgt Ion:266 Resp: 62292

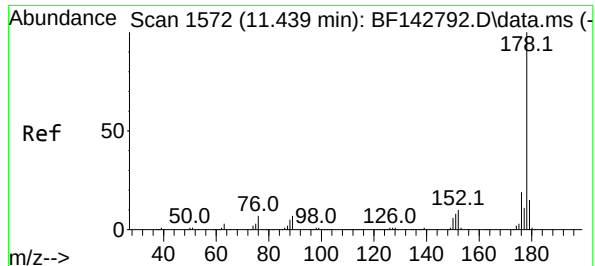
Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.8

264 62.3 49.9 74.9

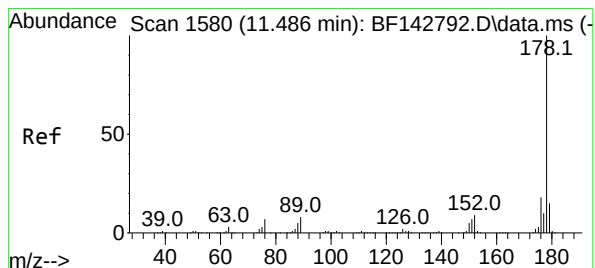
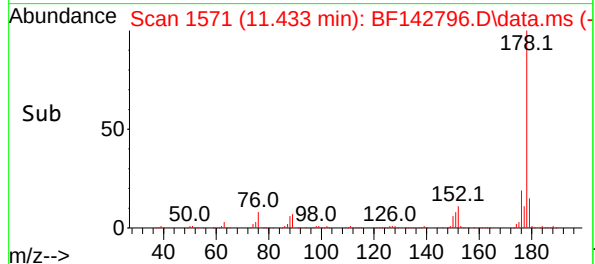
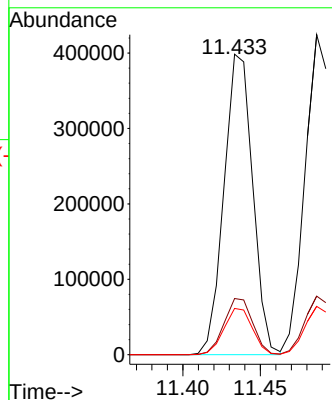
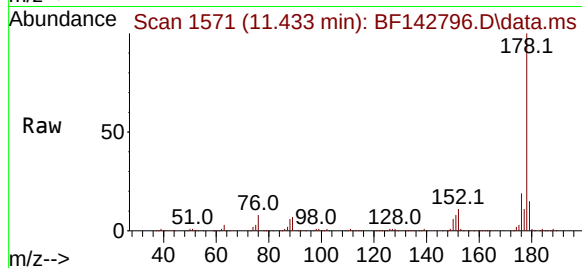




#71
Phenanthrene
Concen: 41.603 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

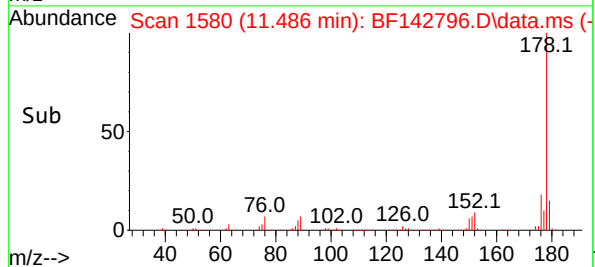
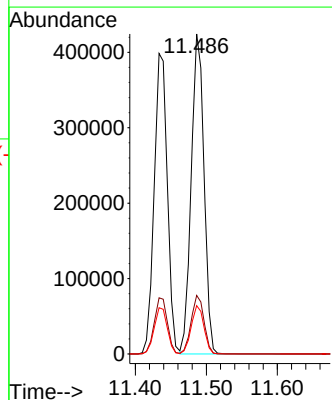
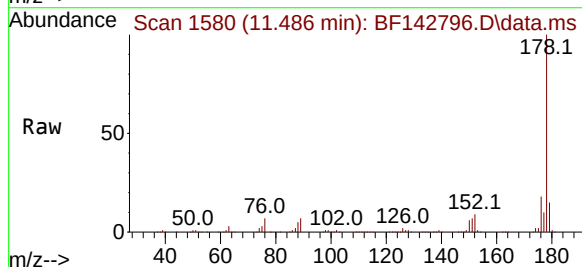
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

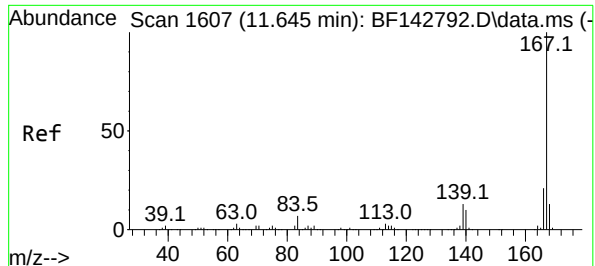
Tgt Ion:178 Resp: 514049
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 42.013 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

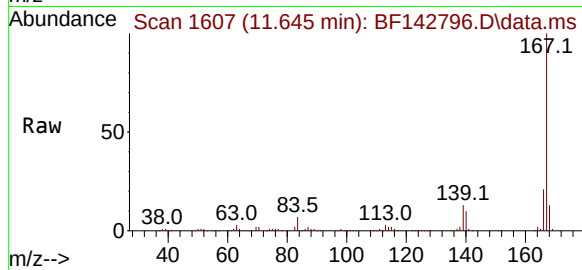
Tgt Ion:178 Resp: 532397
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.1 12.4 18.6



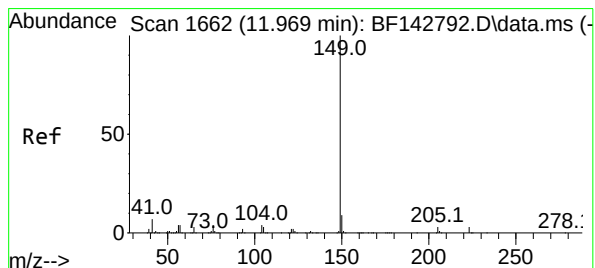
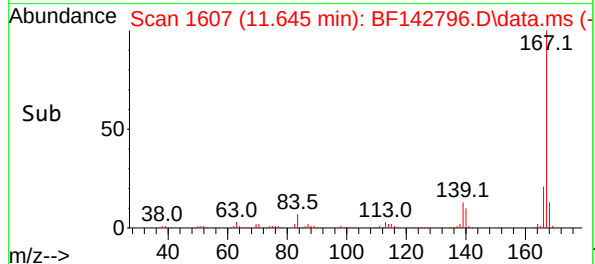
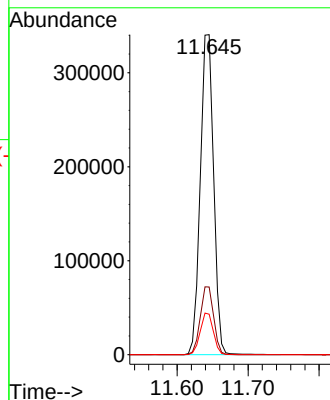


#73
Carbazole
Concen: 40.858 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

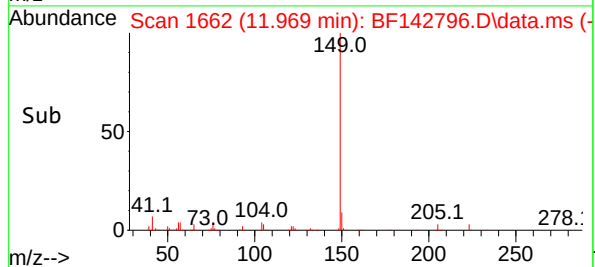
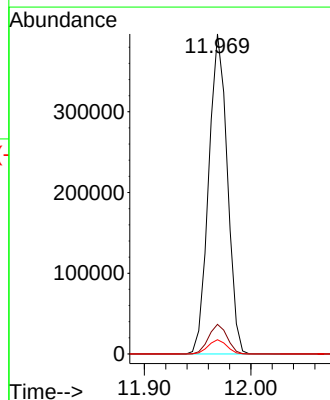
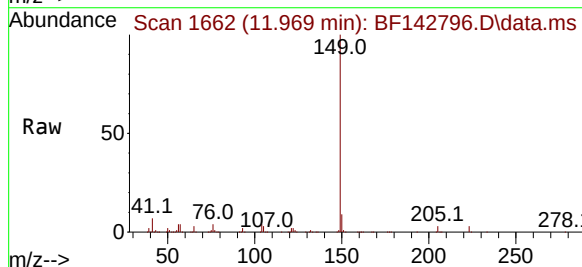


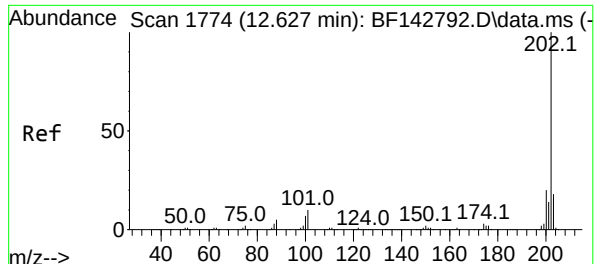
Tgt Ion:167 Resp: 446814
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.7 10.2 15.2



#74
Di-n-butylphthalate
Concen: 42.228 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:149 Resp: 481078
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.5 3.5 5.3

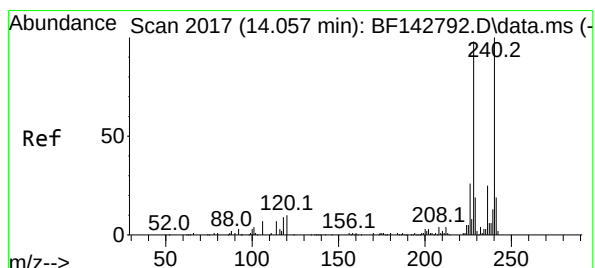
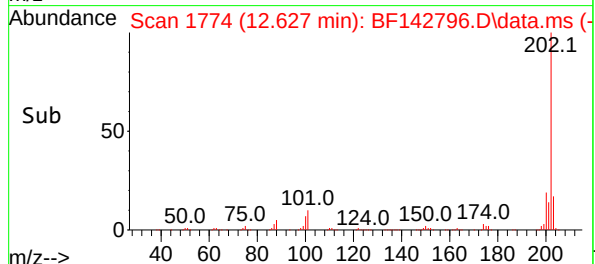
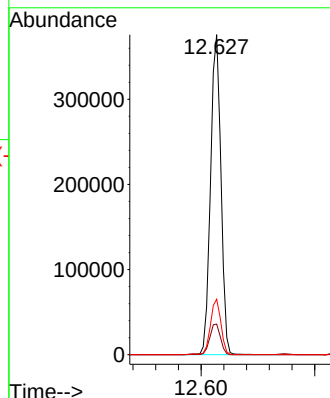
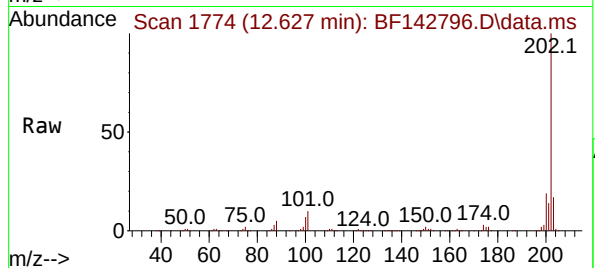




#75
Fluoranthene
Concen: 40.372 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

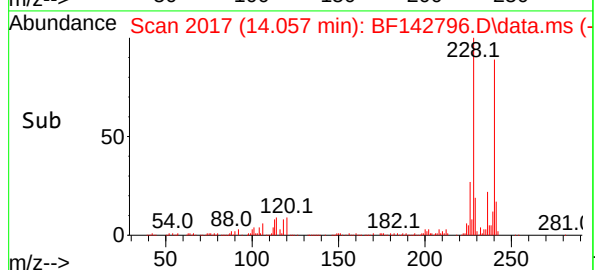
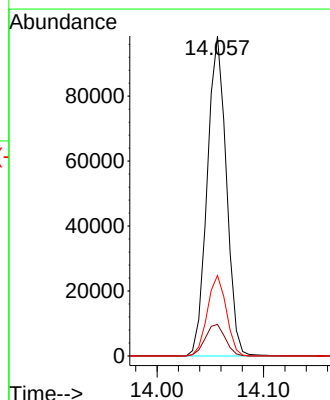
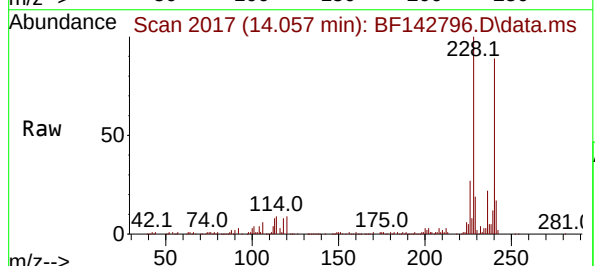
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

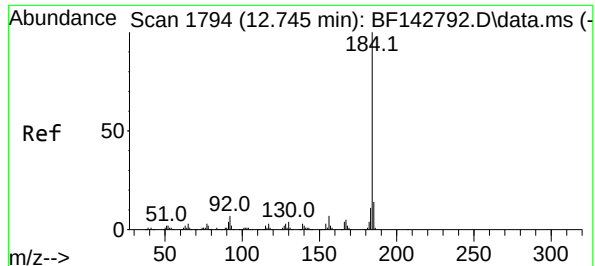
Tgt Ion:202 Resp: 473431
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:240 Resp: 122573
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.2 19.8 29.8

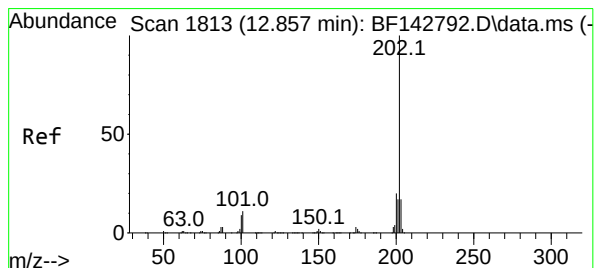
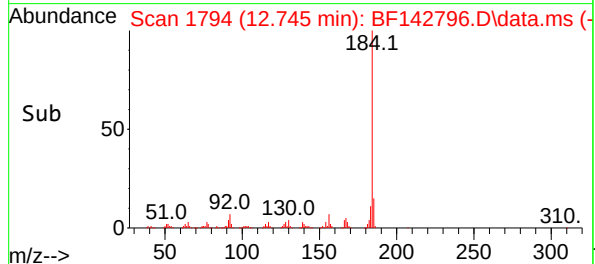
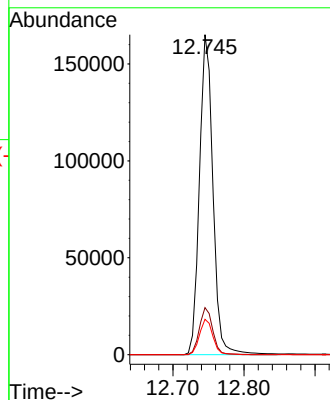
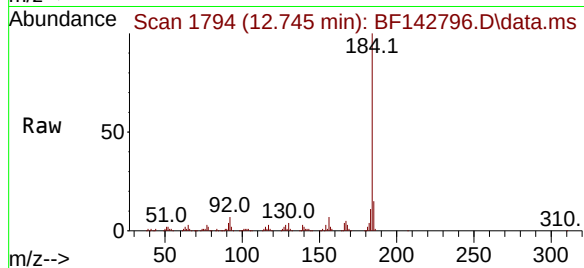




#77
Benzidine
Concen: 47.530 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

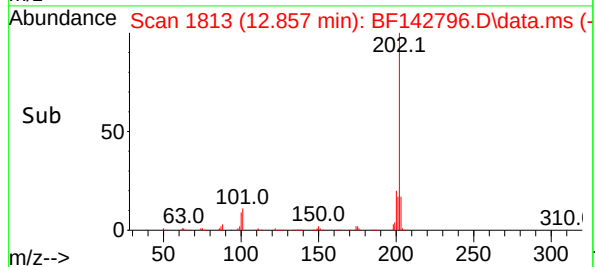
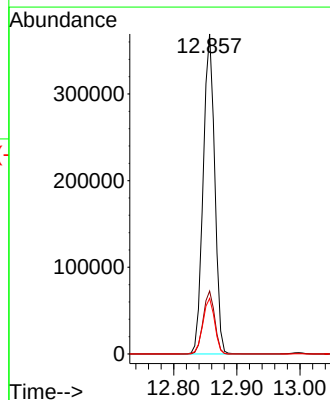
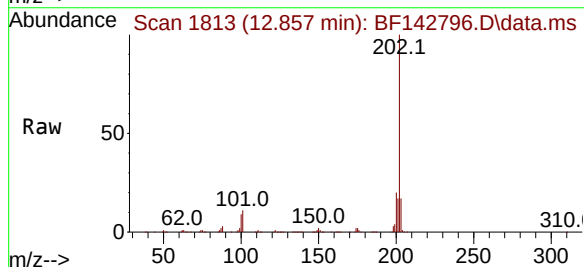
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

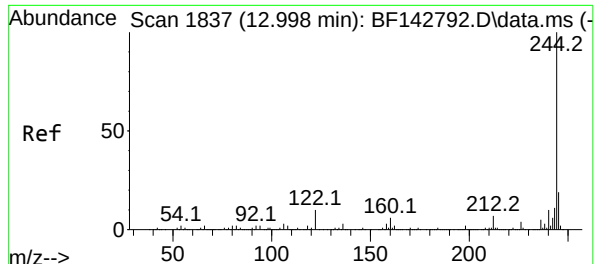
Tgt Ion:184 Resp: 218884
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.0 9.0 13.4



#78
Pyrene
Concen: 40.794 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:202 Resp: 468692
Ion Ratio Lower Upper
202 100
200 19.7 15.7 23.5
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 70.839 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

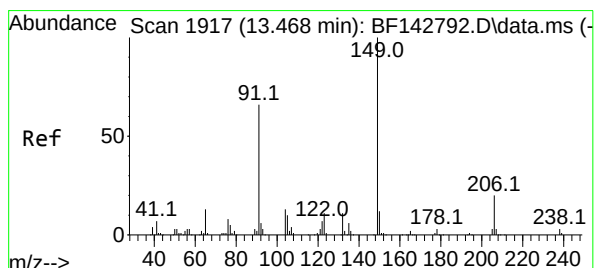
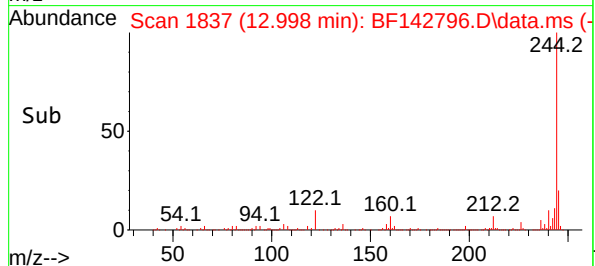
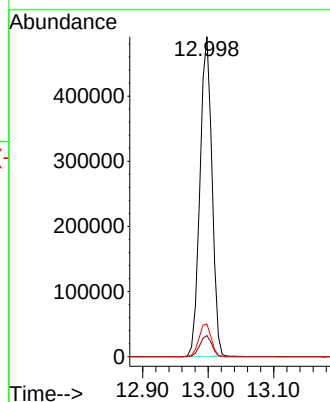
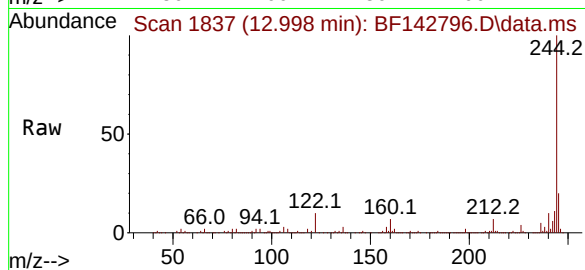
Tgt Ion:244 Resp: 628420

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 46.431 ng

RT: 13.469 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

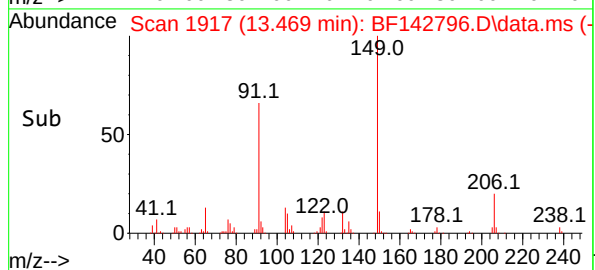
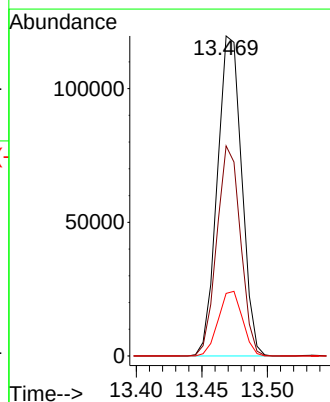
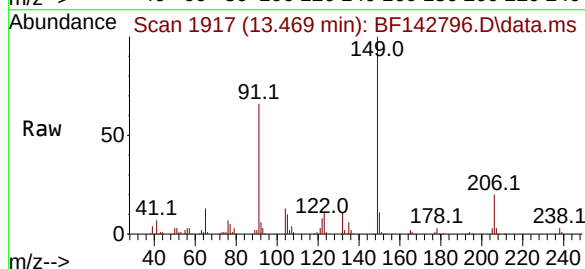
Tgt Ion:149 Resp: 154743

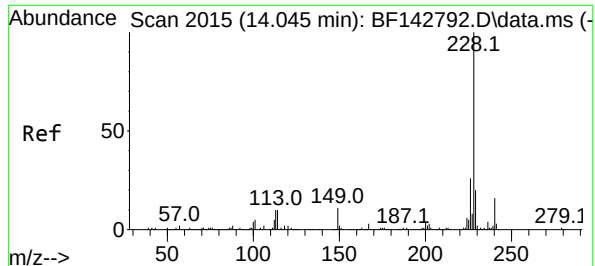
Ion Ratio Lower Upper

149 100

91 65.7 52.9 79.3

206 19.6 16.3 24.5

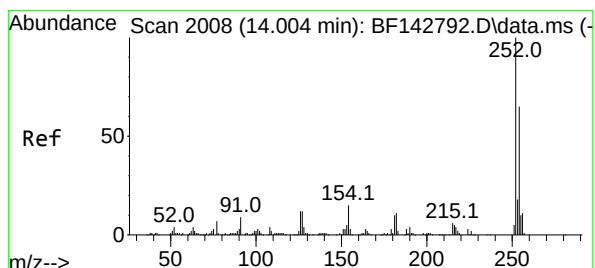
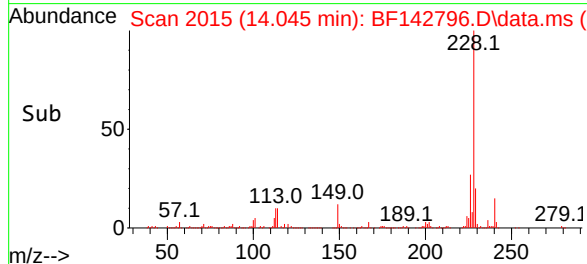
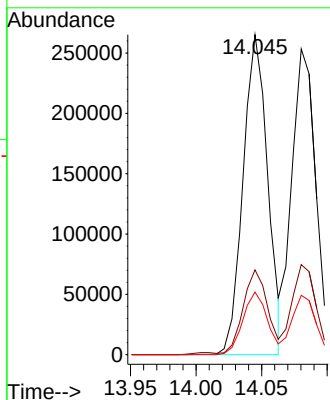
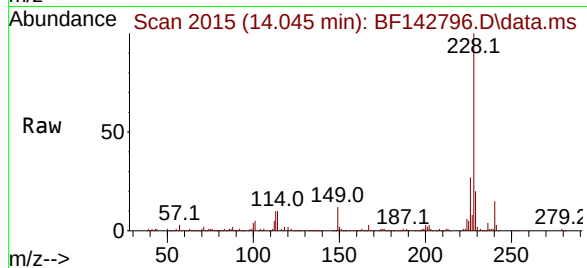




#81
Benzo(a)anthracene
Concen: 41.868 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

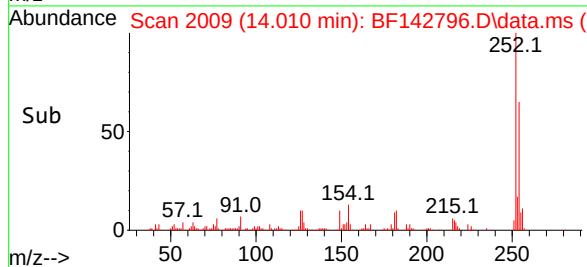
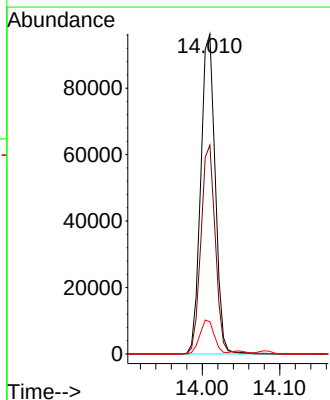
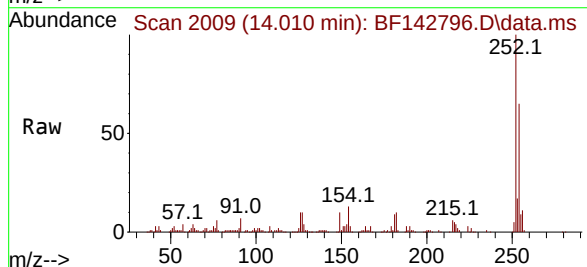
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

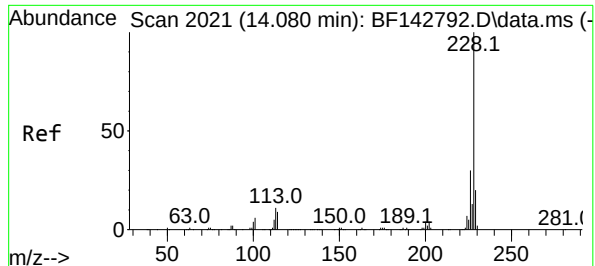
Tgt Ion:228 Resp: 346202
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 46.521 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:252 Resp: 124771
Ion Ratio Lower Upper
252 100
254 65.2 51.7 77.5
126 10.1 9.4 14.2

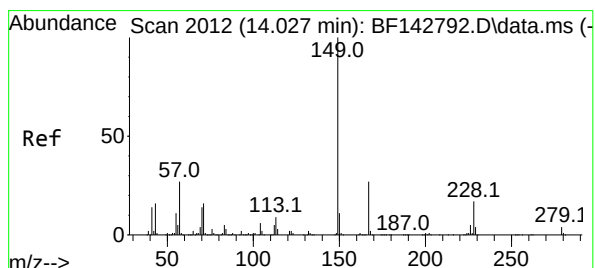
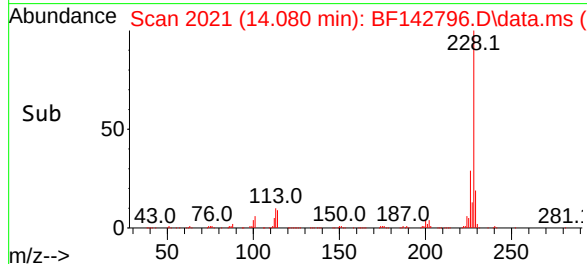
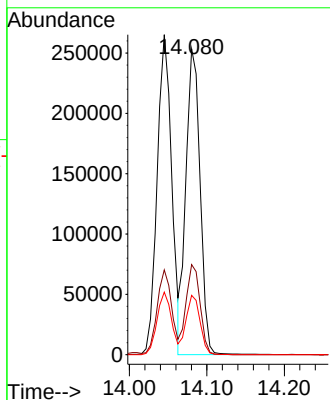
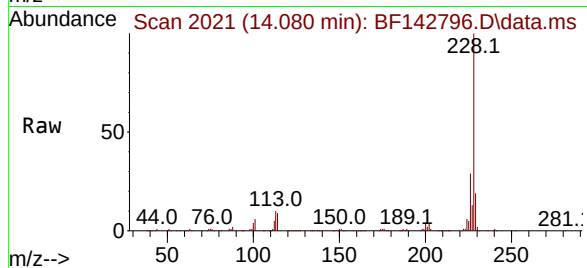




#83
Chrysene
Concen: 43.637 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

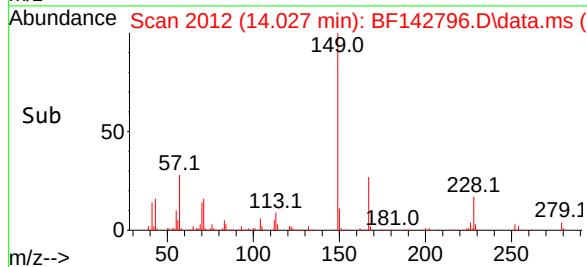
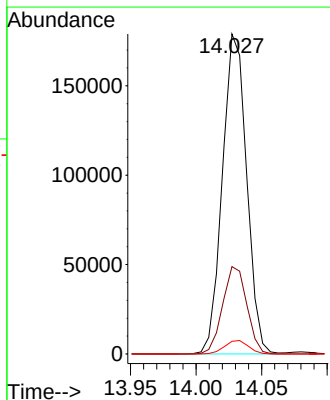
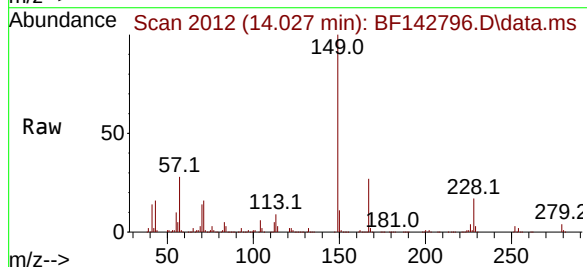
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

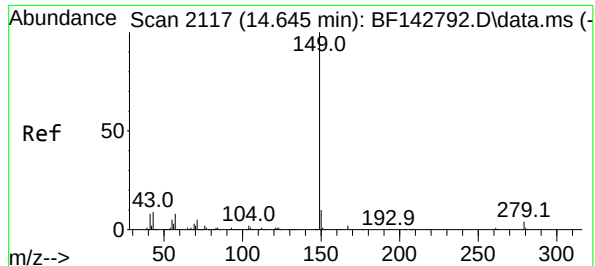
Tgt Ion:228 Resp: 321976
Ion Ratio Lower Upper
228 100
226 29.5 23.7 35.5
229 19.4 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.976 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:149 Resp: 230046
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.0
279 4.0 3.0 4.6

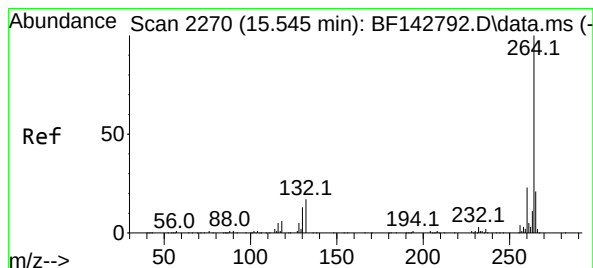
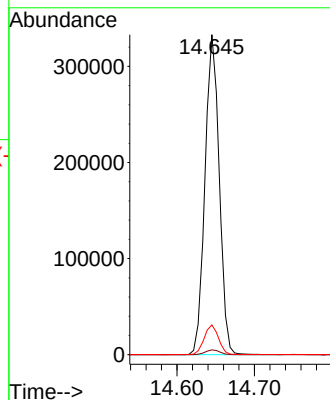
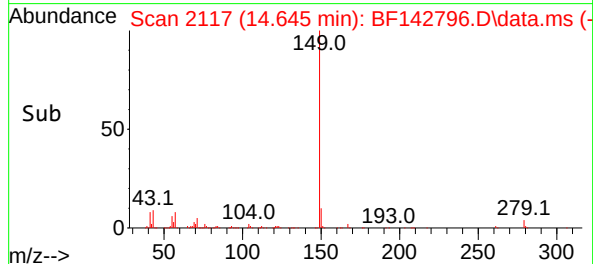
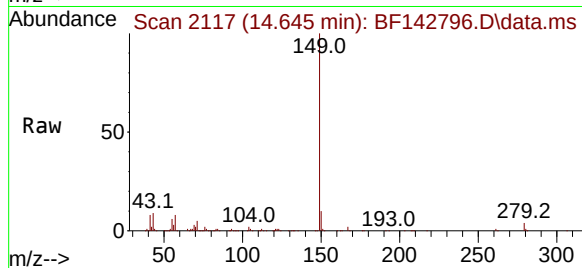




#85
Di-n-octyl phthalate
Concen: 47.026 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

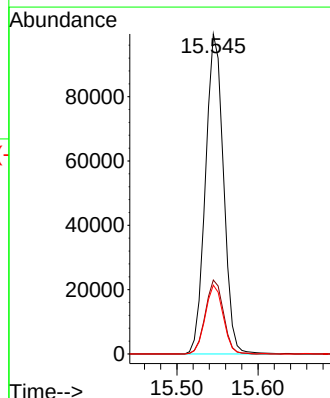
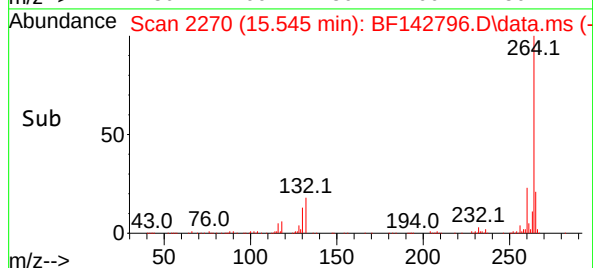
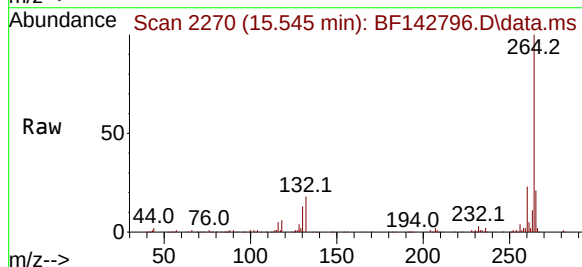
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

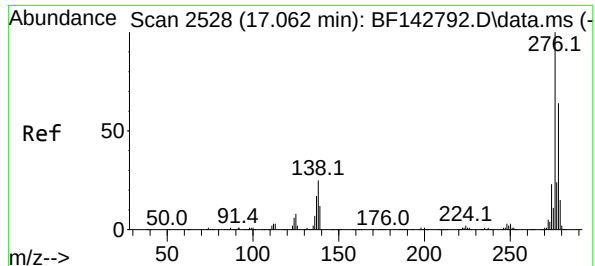
Tgt Ion:149 Resp: 425193
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:264 Resp: 153363
Ion Ratio Lower Upper
264 100
260 23.1 18.1 27.1
265 21.5 16.6 25.0

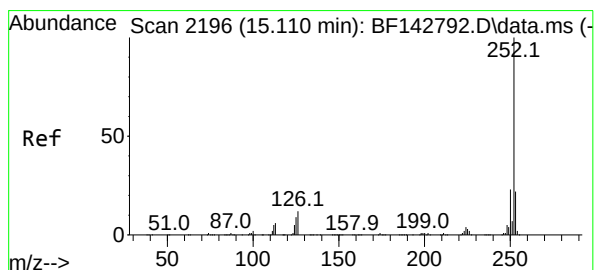
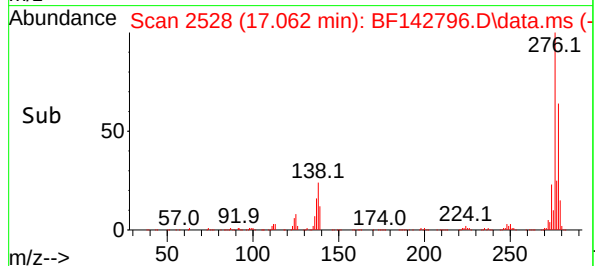
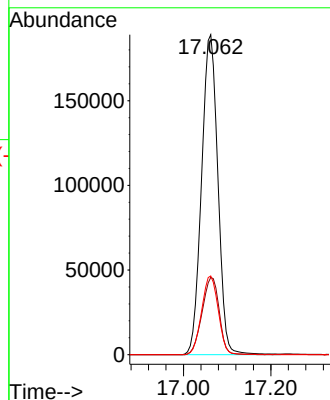
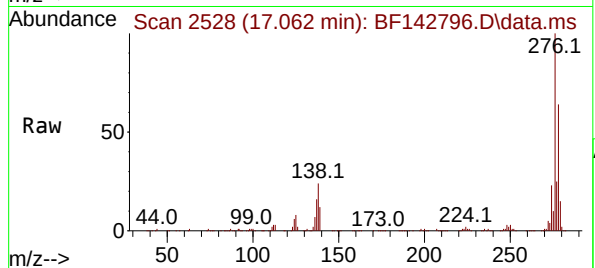




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.060 ng
RT: 17.062 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

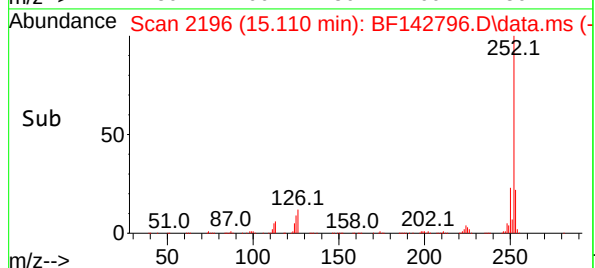
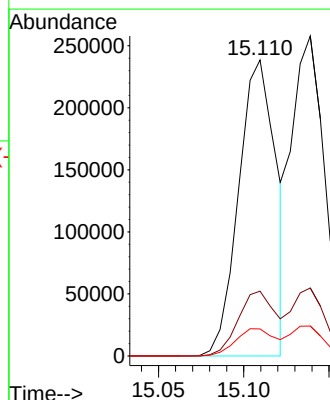
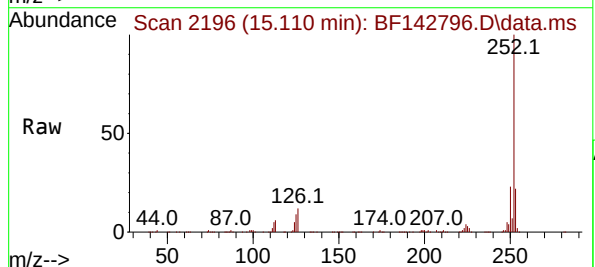
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

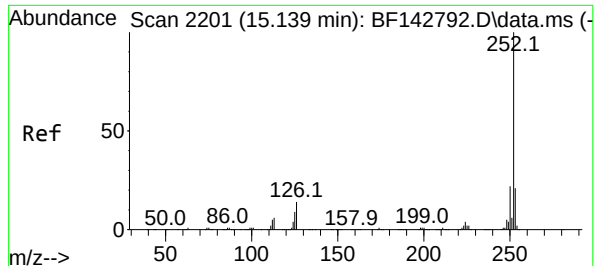
Tgt Ion:276 Resp: 491326
Ion Ratio Lower Upper
276 100
138 25.3 20.2 30.4
277 25.1 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 40.801 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:252 Resp: 362077
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 41.800 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

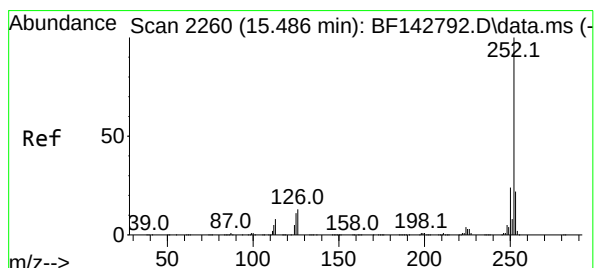
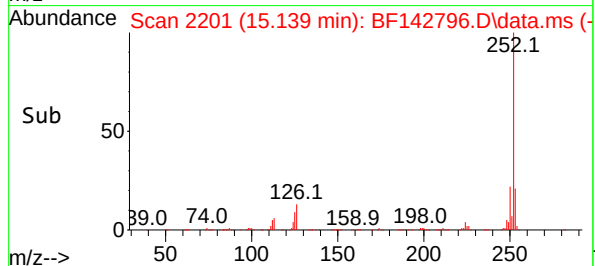
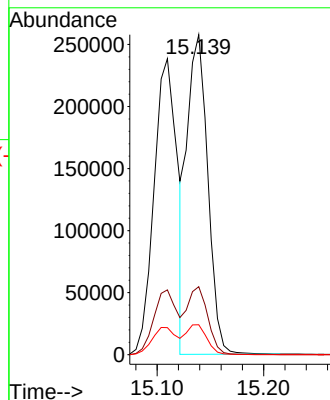
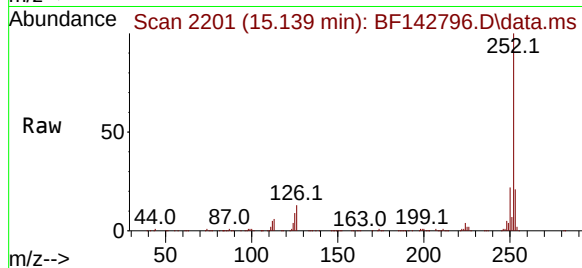
Tgt Ion:252 Resp: 347044

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 42.117 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

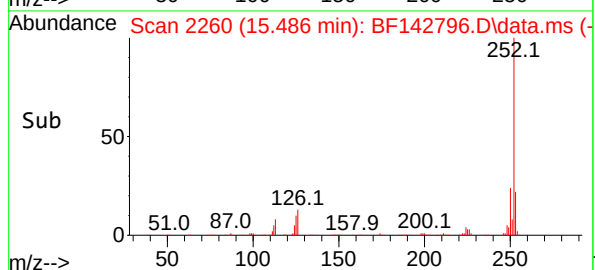
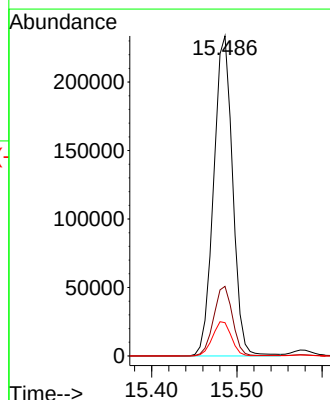
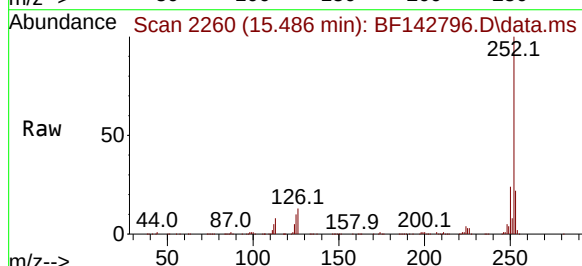
Tgt Ion:252 Resp: 361077

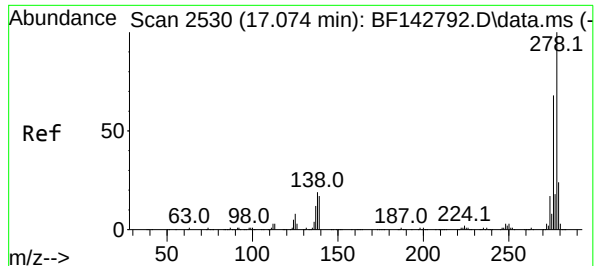
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.4 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 42.069 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

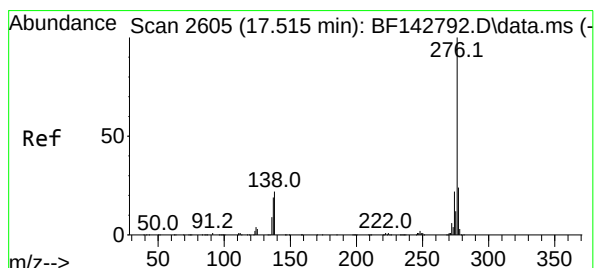
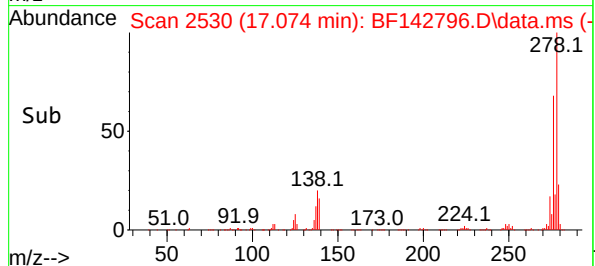
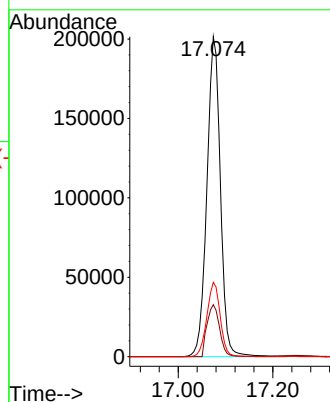
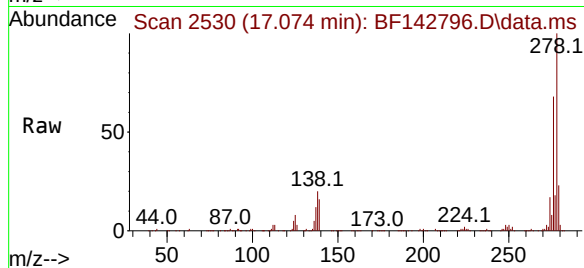
Tgt Ion:278 Resp: 399293

Ion Ratio Lower Upper

278 100

139 16.3 13.5 20.3

279 23.3 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 42.006 ng

RT: 17.515 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

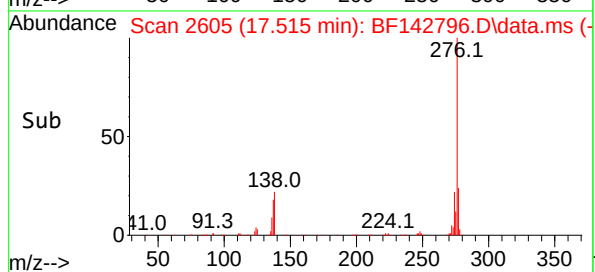
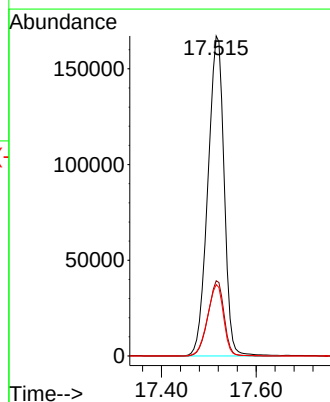
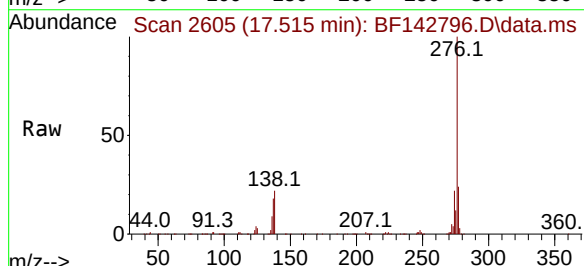
Tgt Ion:276 Resp: 397566

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.3 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142796.D
 Acq On : 19 Jun 2025 21:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061925

Quant Time: Jun 24 15:59:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 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	89	0.00
2	1,4-Dioxane	0.480	0.473	1.5	91	0.00
3	Pyridine	1.205	1.248	-3.6	95	0.00
4	n-Nitrosodimethylamine	0.623	0.653	-4.8	97	0.00
5 S	2-Fluorophenol	1.201	1.219	-1.5	94	0.00
6	Aniline	1.886	1.999	-6.0	97	0.00
7 S	Phenol-d6	1.417	1.422	-0.4	94	0.00
8	2-Chlorophenol	1.296	1.362	-5.1	97	0.00
9	Benzaldehyde	0.841	0.999	-18.8	117	0.00
10 C	Phenol	1.575	1.650	-4.8	96	0.00
11	bis(2-Chloroethyl)ether	1.126	1.187	-5.4	98	0.00
12	1,3-Dichlorobenzene	1.449	1.542	-6.4	99	0.00
13 C	1,4-Dichlorobenzene	1.462	1.545	-5.7	97	0.00
14	1,2-Dichlorobenzene	1.387	1.474	-6.3	98	0.00
15	Benzyl Alcohol	1.025	1.079	-5.3	98	0.00
16	2,2'-oxybis(1-Chloropropane	1.809	1.917	-6.0	99	0.00
17	2-Methylphenol	0.982	1.043	-6.2	98	0.00
18	Hexachloroethane	0.511	0.545	-6.7	97	0.00
19 P	n-Nitroso-di-n-propylamine	0.824	0.858	-4.1	97	0.00
20	3+4-Methylphenols	1.224	1.313	-7.3	99	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	89	0.00
22	Acetophenone	0.441	0.468	-6.1	100	0.00
23 S	Nitrobenzene-d5	0.365	0.334	8.5	84	0.00
24	Nitrobenzene	0.330	0.346	-4.8	97	0.00
25	Isophorone	0.585	0.605	-3.4	97	0.00
26 C	2-Nitrophenol	0.180	0.194	-7.8	97	0.00
27	2,4-Dimethylphenol	0.311	0.328	-5.5	98	0.00
28	bis(2-Chloroethoxy)methane	0.372	0.390	-4.8	98	0.00
29 C	2,4-Dichlorophenol	0.282	0.298	-5.7	97	0.00
30	1,2,4-Trichlorobenzene	0.310	0.327	-5.5	98	0.00
31	Naphthalene	0.979	1.033	-5.5	99	0.00
32	Benzoic acid	0.159	0.181	-13.8	103	0.00
33	4-Chloroaniline	0.398	0.416	-4.5	98	0.00
34 C	Hexachlorobutadiene	0.190	0.203	-6.8	98	0.00
35	Caprolactam	0.075	0.076	-1.3	95	0.00
36 C	4-Chloro-3-methylphenol	0.281	0.294	-4.6	97	0.00
37	2-Methylnaphthalene	0.607	0.633	-4.3	97	0.00
38	1-Methylnaphthalene	0.628	0.653	-4.0	97	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	88	0.00
40	1,2,4,5-Tetrachlorobenzene	0.590	0.638	-8.1	101	0.00
41 P	Hexachlorocyclopentadiene	0.335	0.380	-13.4	100	0.00
42 S	2,4,6-Tribromophenol	0.206	0.206	0.0	91	0.00
43 C	2,4,6-Trichlorophenol	0.385	0.409	-6.2	99	0.00
44	2,4,5-Trichlorophenol	0.405	0.436	-7.7	98	0.00
45 S	2-Fluorobiphenyl	1.522	1.373	9.8	85	0.00
46	1,1'-Biphenyl	1.580	1.665	-5.4	98	0.00
47	2-Chloronaphthalene	1.186	1.239	-4.5	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142796.D
 Acq On : 19 Jun 2025 21:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061925

Quant Time: Jun 24 15:59:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 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	0.332	0.347	-4.5	94	0.00
49	Acenaphthylene	1.952	2.029	-3.9	96	0.00
50	Dimethylphthalate	1.295	1.334	-3.0	96	0.00
51	2,6-Dinitrotoluene	0.284	0.294	-3.5	94	0.00
52 C	Acenaphthene	1.191	1.245	-4.5	96	0.00
53	3-Nitroaniline	0.313	0.325	-3.8	95	0.00
54 P	2,4-Dinitrophenol	0.142	0.156	-9.9	97	0.00
55	Dibenzofuran	1.708	1.757	-2.9	95	0.00
56 P	4-Nitrophenol	0.214	0.217	-1.4	92	0.00
57	2,4-Dinitrotoluene	0.378	0.390	-3.2	94	0.00
58	Fluorene	1.334	1.369	-2.6	96	0.00
59	2,3,4,6-Tetrachlorophenol	0.326	0.341	-4.6	97	0.00
60	Diethylphthalate	1.269	1.299	-2.4	95	0.00
61	4-Chlorophenyl-phenylether	0.636	0.650	-2.2	96	0.00
62	4-Nitroaniline	0.286	0.291	-1.7	94	0.00
63	Azobenzene	1.134	1.164	-2.6	95	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	87	0.00
65	4,6-Dinitro-2-methylphenol	0.121	0.131	-8.3	95	0.00
66 c	n-Nitrosodiphenylamine	0.693	0.727	-4.9	94	0.00
67	4-Bromophenyl-phenylether	0.228	0.247	-8.3	98	0.00
68	Hexachlorobenzene	0.253	0.270	-6.7	97	0.00
69	Atrazine	0.179	0.192	-7.3	96	0.00
70 C	Pentachlorophenol	0.126	0.137	-8.7	94	0.00
71	Phenanthrene	1.083	1.127	-4.1	95	0.00
72	Anthracene	1.111	1.167	-5.0	95	0.00
73	Carbazole	0.959	0.979	-2.1	94	0.00
74	Di-n-butylphthalate	0.999	1.055	-5.6	97	0.00
75 C	Fluoranthene	1.028	1.038	-1.0	94	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	86	0.00
77	Benzidine	0.751	0.893	-18.9	99	0.00
78	Pyrene	1.875	1.912	-2.0	94	0.00
79 S	Terphenyl-d14	1.447	1.282	11.4	83	0.00
80	Butylbenzylphthalate	0.544	0.631	-16.0	99	0.00
81	Benzo(a)anthracene	1.349	1.412	-4.7	96	0.00
82	3,3'-Dichlorobenzidine	0.438	0.509	-16.2	102	0.00
83	Chrysene	1.204	1.313	-9.1	97	0.00
84	Bis(2-ethylhexyl)phthalate	0.782	0.938	-19.9	100	0.00
85 c	Di-n-octyl phthalate	1.475	1.734	-17.6	102	0.00
86 I	Perylene-d12	1.000	1.000	0.0	90	0.00
87	Indeno(1,2,3-cd)pyrene	1.523	1.602	-5.2	98	0.00
88	Benzo(b)fluoranthene	1.157	1.180	-2.0	99	0.00
89	Benzo(k)fluoranthene	1.083	1.131	-4.4	98	0.00
90 C	Benzo(a)pyrene	1.118	1.177	-5.3	99	0.00
91	Dibenzo(a,h)anthracene	1.238	1.302	-5.2	99	0.00
92	Benzo(g,h,i)perylene	1.234	1.296	-5.0	98	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142796.D
Acq On : 19 Jun 2025 21:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Quant Time: Jun 24 15:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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\BF061925\
 Data File : BF142796.D
 Acq On : 19 Jun 2025 21:10
 Operator : RC/JU
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 QLast Update : Tue Jun 24 05:28:21 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	89	0.00
2	1,4-Dioxane	40.000	39.357	1.6	91	0.00
3	Pyridine	40.000	41.446	-3.6	95	0.00
4	n-Nitrosodimethylamine	40.000	41.912	-4.8	97	0.00
5 S	2-Fluorophenol	80.000	81.192	-1.5	94	0.00
6	Aniline	40.000	42.392	-6.0	97	0.00
7 S	Phenol-d6	80.000	80.262	-0.3	94	0.00
8	2-Chlorophenol	40.000	42.036	-5.1	97	0.00
9	Benzaldehyde	40.000	47.511	-18.8	117	0.00
10 C	Phenol	40.000	41.901	-4.8	96	0.00
11	bis(2-Chloroethyl)ether	40.000	42.157	-5.4	98	0.00
12	1,3-Dichlorobenzene	40.000	42.568	-6.4	99	0.00
13 C	1,4-Dichlorobenzene	40.000	42.268	-5.7	97	0.00
14	1,2-Dichlorobenzene	40.000	42.520	-6.3	98	0.00
15	Benzyl Alcohol	40.000	42.114	-5.3	98	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	42.379	-5.9	99	0.00
17	2-Methylphenol	40.000	42.485	-6.2	98	0.00
18	Hexachloroethane	40.000	42.589	-6.5	97	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.640	-4.1	97	0.00
20	3+4-Methylphenols	40.000	42.904	-7.3	99	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	89	0.00
22	Acetophenone	40.000	42.478	-6.2	100	0.00
23 S	Nitrobenzene-d5	80.000	73.334	8.3	84	0.00
24	Nitrobenzene	40.000	41.968	-4.9	97	0.00
25	Isophorone	40.000	41.403	-3.5	97	0.00
26 C	2-Nitrophenol	40.000	43.224	-8.1	97	0.00
27	2,4-Dimethylphenol	40.000	42.168	-5.4	98	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.960	-4.9	98	0.00
29 C	2,4-Dichlorophenol	40.000	42.196	-5.5	97	0.00
30	1,2,4-Trichlorobenzene	40.000	42.177	-5.4	98	0.00
31	Naphthalene	40.000	42.218	-5.5	99	0.00
32	Benzoic acid	40.000	45.685	-14.2	103	0.00
33	4-Chloroaniline	40.000	41.766	-4.4	98	0.00
34 C	Hexachlorobutadiene	40.000	42.657	-6.6	98	0.00
35	Caprolactam	40.000	40.928	-2.3	95	0.00
36 C	4-Chloro-3-methylphenol	40.000	41.890	-4.7	97	0.00
37	2-Methylnaphthalene	40.000	41.730	-4.3	97	0.00
38	1-Methylnaphthalene	40.000	41.554	-3.9	97	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	88	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	43.233	-8.1	101	0.00
41 P	Hexachlorocyclopentadiene	40.000	45.361	-13.4	100	0.00
42 S	2,4,6-Tribromophenol	80.000	80.065	-0.1	91	0.00
43 C	2,4,6-Trichlorophenol	40.000	42.543	-6.4	99	0.00
44	2,4,5-Trichlorophenol	40.000	43.045	-7.6	98	0.00
45 S	2-Fluorobiphenyl	80.000	72.171	9.8	85	0.00
46	1,1'-Biphenyl	40.000	42.159	-5.4	98	0.00
47	2-Chloronaphthalene	40.000	41.817	-4.5	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142796.D
 Acq On : 19 Jun 2025 21:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061925

Quant Time: Jun 24 15:59:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 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	41.724	-4.3	94	0.00
49	Acenaphthylene	40.000	41.586	-4.0	96	0.00
50	Dimethylphthalate	40.000	41.232	-3.1	96	0.00
51	2,6-Dinitrotoluene	40.000	41.386	-3.5	94	0.00
52 C	Acenaphthene	40.000	41.825	-4.6	96	0.00
53	3-Nitroaniline	40.000	41.512	-3.8	95	0.00
54 P	2,4-Dinitrophenol	40.000	43.742	-9.4	97	0.00
55	Dibenzofuran	40.000	41.150	-2.9	95	0.00
56 P	4-Nitrophenol	40.000	40.556	-1.4	92	0.00
57	2,4-Dinitrotoluene	40.000	41.358	-3.4	94	0.00
58	Fluorene	40.000	41.052	-2.6	96	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.857	-4.6	97	0.00
60	Diethylphthalate	40.000	40.937	-2.3	95	0.00
61	4-Chlorophenyl-phenylether	40.000	40.862	-2.2	96	0.00
62	4-Nitroaniline	40.000	40.628	-1.6	94	0.00
63	Azobenzene	40.000	41.025	-2.6	95	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	87	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.341	-8.4	95	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.955	-4.9	94	0.00
67	4-Bromophenyl-phenylether	40.000	43.376	-8.4	98	0.00
68	Hexachlorobenzene	40.000	42.632	-6.6	97	0.00
69	Atrazine	40.000	42.840	-7.1	96	0.00
70 C	Pentachlorophenol	40.000	43.337	-8.3	94	0.00
71	Phenanthrene	40.000	41.603	-4.0	95	0.00
72	Anthracene	40.000	42.013	-5.0	95	0.00
73	Carbazole	40.000	40.858	-2.1	94	0.00
74	Di-n-butylphthalate	40.000	42.228	-5.6	97	0.00
75 C	Fluoranthene	40.000	40.372	-0.9	94	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	86	0.00
77	Benzydine	40.000	47.530	-18.8	99	0.00
78	Pyrene	40.000	40.794	-2.0	94	0.00
79 S	Terphenyl-d14	80.000	70.839	11.5	83	0.00
80	Butylbenzylphthalate	40.000	46.431	-16.1	99	0.00
81	Benzo(a)anthracene	40.000	41.868	-4.7	96	0.00
82	3,3'-Dichlorobenzidine	40.000	46.521	-16.3	102	0.00
83	Chrysene	40.000	43.637	-9.1	97	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	47.976	-19.9	100	0.00
85 c	Di-n-octyl phthalate	40.000	47.026	-17.6	102	0.00
86 I	Perylene-d12	20.000	20.000	0.0	90	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	42.060	-5.2	98	0.00
88	Benzo(b)fluoranthene	40.000	40.801	-2.0	99	0.00
89	Benzo(k)fluoranthene	40.000	41.800	-4.5	98	0.00
90 C	Benzo(a)pyrene	40.000	42.117	-5.3	99	0.00
91	Dibenzo(a,h)anthracene	40.000	42.069	-5.2	99	0.00
92	Benzo(g,h,i)perylene	40.000	42.006	-5.0	98	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142796.D
Acq On : 19 Jun 2025 21:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Quant Time: Jun 24 15:59:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/24/2025 10:16

Lab File ID: BF142811.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.291		7.5	
Benzaldehyde	0.841	0.794		-5.6	
Phenol-d6	1.417	1.525		7.6	
bis(2-Chloroethyl)ether	1.126	1.218		8.2	
2,2-oxybis(1-Chloropropane)	1.809	1.882		4.0	
Acetophenone	0.441	0.464		5.2	
n-Nitroso-di-n-propylamine	0.824	0.878	0.050	6.6	
Nitrobenzene-d5	0.365	0.392		7.4	
Hexachloroethane	0.511	0.538		5.3	
Nitrobenzene	0.330	0.354		7.3	
Isophorone	0.585	0.629		7.5	
bis(2-Chloroethoxy)methane	0.372	0.395		6.2	
Naphthalene	0.979	1.037		5.9	
4-Chloroaniline	0.398	0.430		8.0	
Hexachlorobutadiene	0.190	0.198		4.2	20.0
Caprolactam	0.075	0.089		18.7	
2-Methylnaphthalene	0.607	0.642		5.8	
Hexachlorocyclopentadiene	0.335	0.363	0.050	8.4	
2-Fluorobiphenyl	1.522	1.513		-0.6	
1,1-Biphenyl	1.580	1.627		3.0	
2-Chloronaphthalene	1.186	1.226		3.4	
2-Nitroaniline	0.332	0.365		9.9	
Dimethylphthalate	1.295	1.370		5.8	
Acenaphthylene	1.952	2.032		4.1	
2,6-Dinitrotoluene	0.284	0.307		8.1	
3-Nitroaniline	0.313	0.349		11.5	
Acenaphthene	1.191	1.256		5.5	20.0
Dibenzofuran	1.708	1.783		4.4	
2,4-Dinitrotoluene	0.378	0.420		11.1	
Diethylphthalate	1.269	1.361		7.3	
4-Chlorophenyl-phenylether	0.636	0.648		1.9	
Fluorene	1.334	1.373		2.9	
4-Nitroaniline	0.286	0.329		15.0	
n-Nitrosodiphenylamine	0.693	0.711		2.6	20.0
2,4,6-Tribromophenol	0.206	0.220		6.8	
4-Bromophenyl-phenylether	0.228	0.240		5.3	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.179	0.199		11.2	
Phenanthrene	1.083	1.122		3.6	



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.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/24/2025 10:16

Lab File ID: BF142811.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.111	1.145		3.1	
Carbazole	0.959	1.009		5.2	
Di-n-butylphthalate	0.999	1.075		7.6	
Fluoranthene	1.028	1.044		1.6	20.0
Pyrene	1.875	1.902		1.4	
Terphenyl-d14	1.447	1.406		-2.8	
Butylbenzylphthalate	0.544	0.587		7.9	
3,3-Dichlorobenzidine	0.438	0.472		7.8	
Benzo(a)anthracene	1.349	1.414		4.8	
Chrysene	1.204	1.284		6.6	
Bis(2-ethylhexyl)phthalate	0.782	0.826		5.6	
Di-n-octyl phthalate	1.475	1.519		3.0	20.0
Benzo(b)fluoranthene	1.157	1.271		9.9	
Benzo(k)fluoranthene	1.083	1.127		4.1	
Benzo(a)pyrene	1.118	1.198		7.2	20.0
Indeno(1,2,3-cd)pyrene	1.523	1.575		3.4	
Dibenzo(a,h)anthracene	1.238	1.269		2.5	
Benzo(g,h,i)perylene	1.234	1.268		2.8	
1,2,4,5-Tetrachlorobenzene	0.590	0.606		2.7	
1,4-Dioxane	0.480	0.520		8.3	20.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142811.D
 Acq On : 24 Jun 2025 10:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 24 11:38:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.880	152	88364	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	335549	20.000	ng	0.00
39) Acenaphthene-d10	9.921	164	179366	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	300319	20.000	ng	0.00
76) Chrysene-d12	14.056	240	163667	20.000	ng	0.00
86) Perylene-d12	15.545	264	187854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	456296	85.974	ng	0.00
7) Phenol-d6	6.510	99	538916	86.066	ng	0.00
23) Nitrobenzene-d5	7.445	82	526395	86.048	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	157486	85.321	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1085224	79.482	ng	0.00
79) Terphenyl-d14	12.998	244	920683	77.725	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.645	88	91957	43.318	ng	99
3) Pyridine	3.410	79	231793	43.555	ng	99
4) n-Nitrosodimethylamine	3.369	42	117601	42.733	ng	95
6) Aniline	6.545	93	363367	43.612	ng	100
8) 2-Chlorophenol	6.663	128	247103	43.161	ng	99
9) Benzaldehyde	6.433	77	140403	37.794	ng	99
10) Phenol	6.528	94	301098	43.259	ng	93
11) bis(2-Chloroethyl)ether	6.616	93	215204	43.260	ng	99
12) 1,3-Dichlorobenzene	6.822	146	271215	42.358	ng	99
13) 1,4-Dichlorobenzene	6.898	146	274224	42.449	ng	99
14) 1,2-Dichlorobenzene	7.051	146	260103	42.450	ng	99
15) Benzyl Alcohol	7.022	79	198970	43.954	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	332544	41.607	ng	99
17) 2-Methylphenol	7.133	107	188101	43.355	ng	99
18) Hexachloroethane	7.392	117	95048	42.065	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	155120	42.594	ng	100
20) 3+4-Methylphenols	7.286	107	235113	43.463	ng	97
22) Acetophenone	7.292	105	311257	42.065	ng	99
24) Nitrobenzene	7.469	77	237487	42.892	ng	97
25) Isophorone	7.704	82	422145	43.017	ng	100
26) 2-Nitrophenol	7.780	139	133998	44.426	ng	99
27) 2,4-Dimethylphenol	7.816	122	224066	42.887	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	265061	42.485	ng	99
29) 2,4-Dichlorophenol	8.022	162	203381	42.933	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	218035	41.857	ng	100
31) Naphthalene	8.186	128	696192	42.387	ng	99
32) Benzoic acid	7.933	122	126992	47.690	ng	97
33) 4-Chloroaniline	8.233	127	288786	43.241	ng	100
34) Hexachlorobutadiene	8.304	225	132733	41.657	ng	99
35) Caprolactam	8.610	113	59758	47.805	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	205152	43.575	ng	100
37) 2-Methylnaphthalene	8.880	142	430600	42.288	ng	100
38) 1-Methylnaphthalene	8.980	142	449219	42.617	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	217242	41.047	ng	99
41) Hexachlorocyclopentadiene	9.033	237	130125	43.326	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	144284	41.837	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142811.D
 Acq On : 24 Jun 2025 10:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

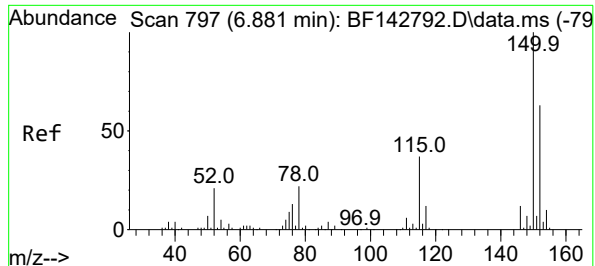
Quant Time: Jun 24 11:38:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	154645	42.597	ng	99
46) 1,1'-Biphenyl	9.345	154	583765	41.200	ng	100
47) 2-Chloronaphthalene	9.369	162	439850	41.367	ng	100
48) 2-Nitroaniline	9.463	65	130885	43.907	ng	98
49) Acenaphthylene	9.786	152	729096	41.654	ng	100
50) Dimethylphthalate	9.645	163	491365	42.321	ng	100
51) 2,6-Dinitrotoluene	9.704	165	110024	43.151	ng	99
52) Acenaphthene	9.957	154	450566	42.190	ng	100
53) 3-Nitroaniline	9.874	138	125282	44.627	ng	99
54) 2,4-Dinitrophenol	9.980	184	59614	46.693	ng	98
55) Dibenzofuran	10.127	168	639543	41.762	ng	100
56) 4-Nitrophenol	10.033	139	88318	45.954	ng	98
57) 2,4-Dinitrotoluene	10.110	165	150754	44.512	ng	99
58) Fluorene	10.474	166	492361	41.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	123461	42.190	ng	99
60) Diethylphthalate	10.339	149	488058	42.873	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	232566	40.750	ng	99
62) 4-Nitroaniline	10.492	138	118100	45.998	ng	98
63) Azobenzene	10.621	77	425881	41.858	ng	99
65) 4,6-Dinitro-2-methylph...	10.521	198	82988	45.685	ng	99
66) n-Nitrosodiphenylamine	10.580	169	427020	41.027	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	144032	42.140	ng	96
68) Hexachlorobenzene	11.021	284	158667	41.778	ng	98
69) Atrazine	11.104	200	119790	44.569	ng	98
70) Pentachlorophenol	11.215	266	85215	45.028	ng	99
71) Phenanthrene	11.433	178	673912	41.425	ng	99
72) Anthracene	11.486	178	687776	41.222	ng	100
73) Carbazole	11.639	167	605919	42.083	ng	100
74) Di-n-butylphthalate	11.968	149	645750	43.052	ng	100
75) Fluoranthene	12.627	202	627298	40.630	ng	100
77) Benzidine	12.745	184	263874	42.912	ng	99
78) Pyrene	12.857	202	622546	40.580	ng	100
80) Butylbenzylphthalate	13.468	149	192178	43.185	ng	99
81) Benzo(a)anthracene	14.045	228	462690	41.906	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	154551	43.156	ng	99
83) Chrysene	14.080	228	420140	42.644	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	270514	42.250	ng	99
85) Di-n-octyl phthalate	14.645	149	497177	41.181	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	591613	41.346	ng	99
88) Benzo(b)fluoranthene	15.103	252	477548	43.932	ng	100
89) Benzo(k)fluoranthene	15.139	252	423530	41.646	ng	100
90) Benzo(a)pyrene	15.480	252	450041	42.856	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	476750	41.007	ng	99
92) Benzo(g,h,i)perylene	17.515	276	476423	41.096	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

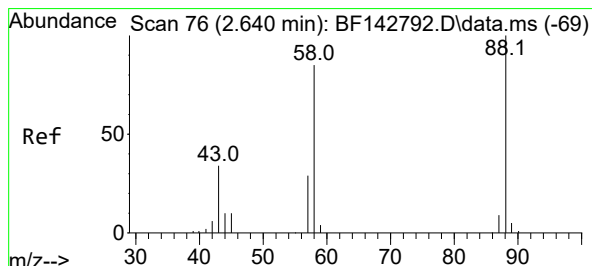
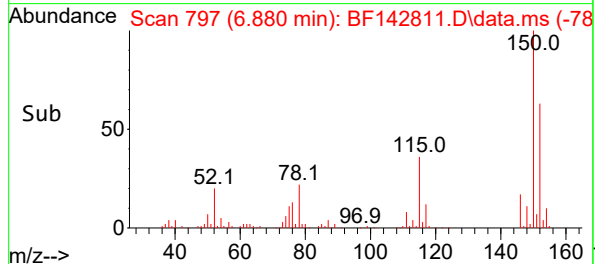
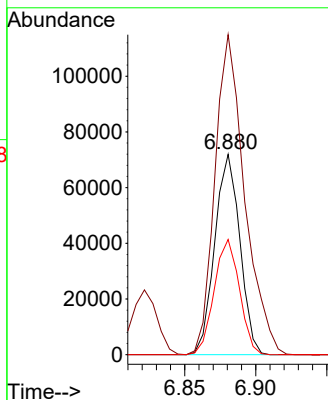
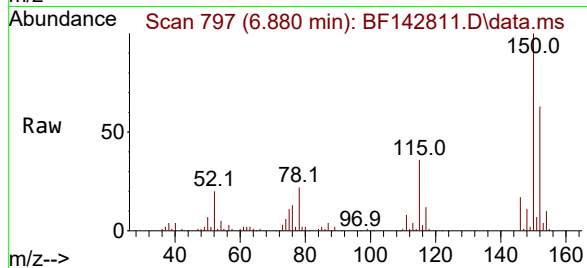
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.880 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

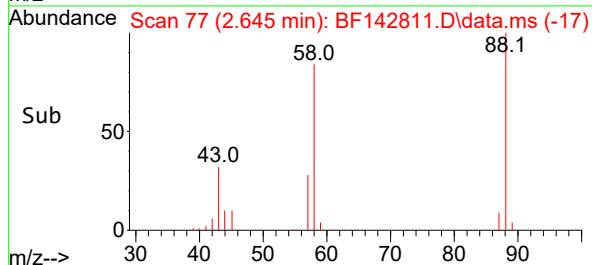
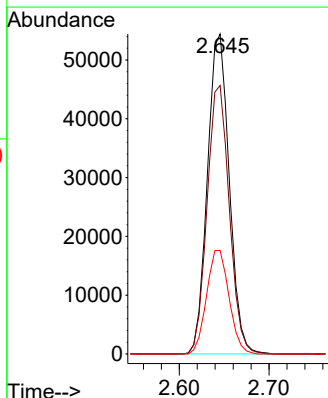
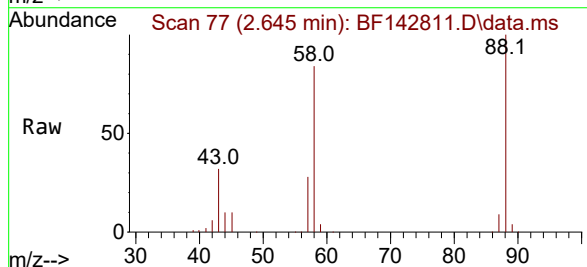
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

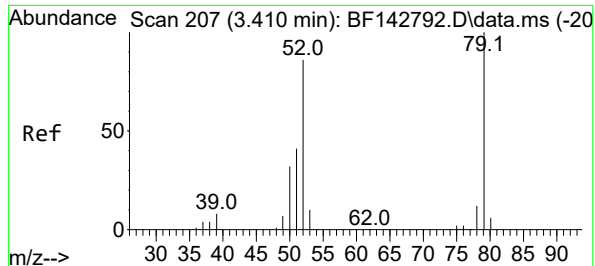
Tgt Ion:152 Resp: 88364
Ion Ratio Lower Upper
152 100
150 159.7 127.2 190.8
115 57.5 46.6 69.8



#2
1,4-Dioxane
Concen: 43.318 ng
RT: 2.645 min Scan# 77
Delta R.T. 0.006 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 88 Resp: 91957
Ion Ratio Lower Upper
88 100
58 85.3 69.1 103.7
43 33.3 27.4 41.2

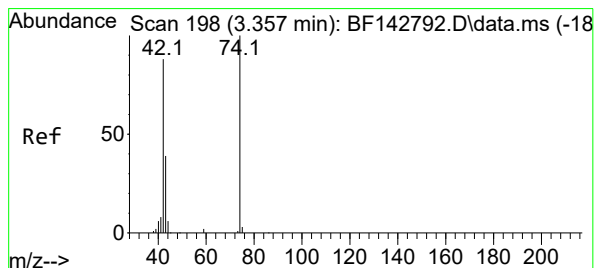
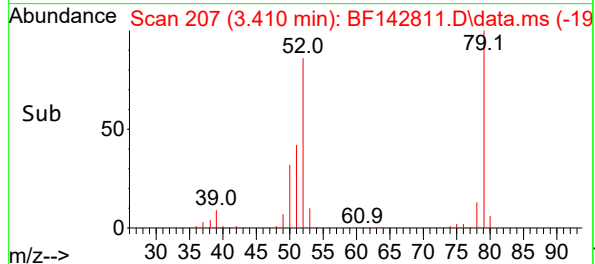
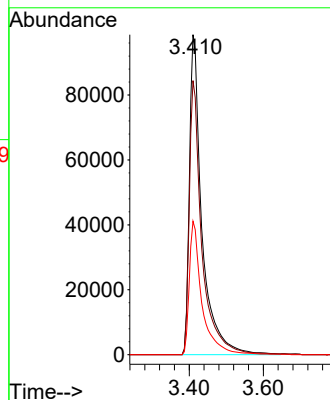
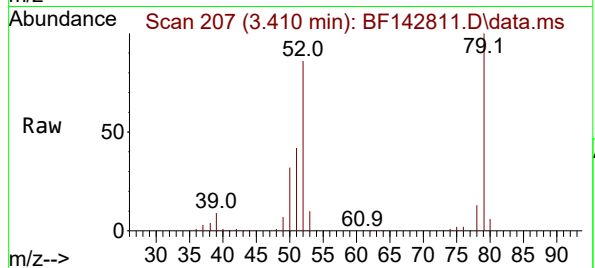




#3
Pyridine
Concen: 43.555 ng
RT: 3.410 min Scan# 207
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

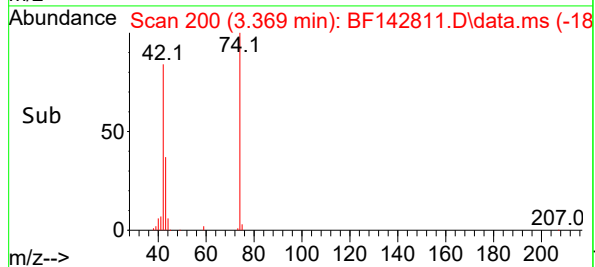
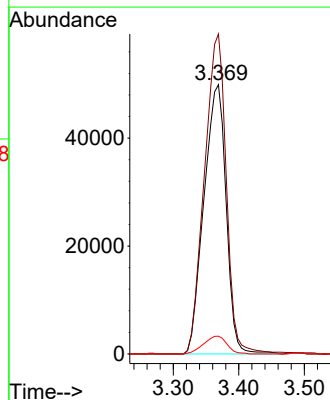
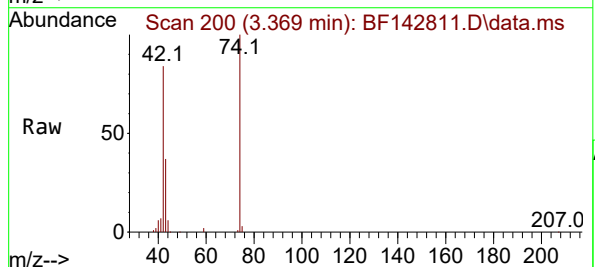
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

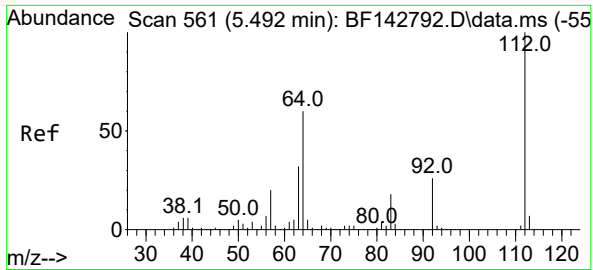
Tgt Ion: 79 Resp: 231793
Ion Ratio Lower Upper
79 100
52 85.6 69.2 103.8
51 41.7 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 42.733 ng
RT: 3.369 min Scan# 200
Delta R.T. 0.012 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 42 Resp: 117601
Ion Ratio Lower Upper
42 100
74 118.9 90.9 136.3
44 6.6 5.8 8.6

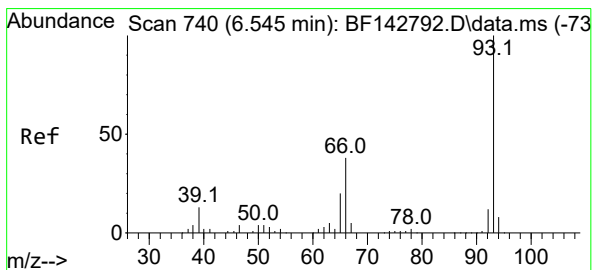
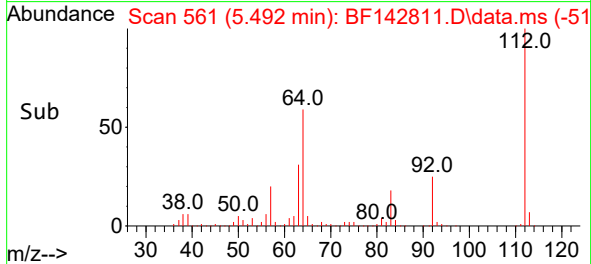
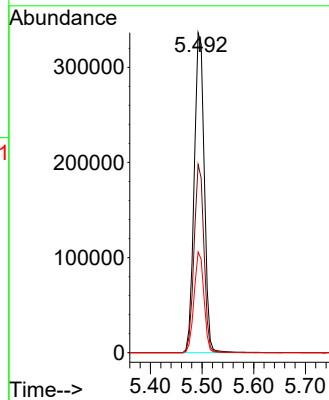
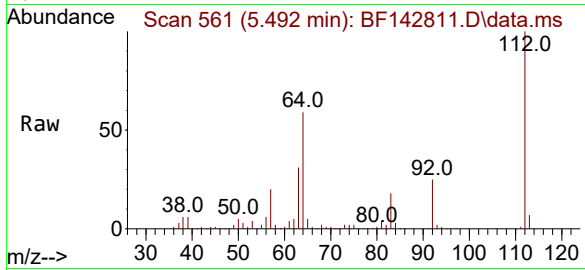




#5
2-Fluorophenol
Concen: 85.974 ng
RT: 5.492 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

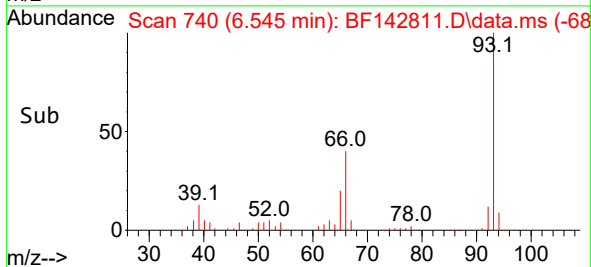
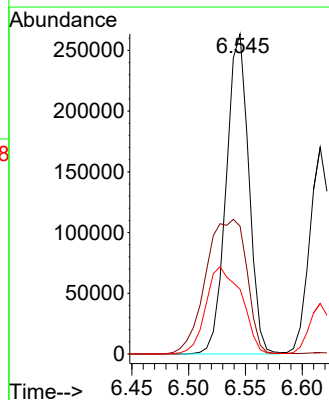
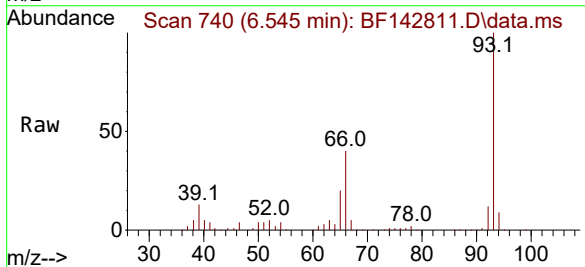
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

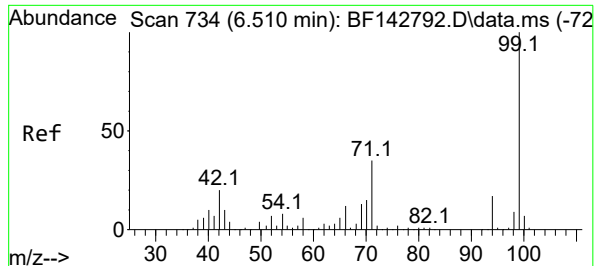
Tgt Ion:112 Resp: 456296
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.2
63 31.5 25.7 38.5



#6
Aniline
Concen: 43.612 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 93 Resp: 363367
Ion Ratio Lower Upper
93 100
66 40.0 31.8 47.6
65 20.3 16.2 24.2

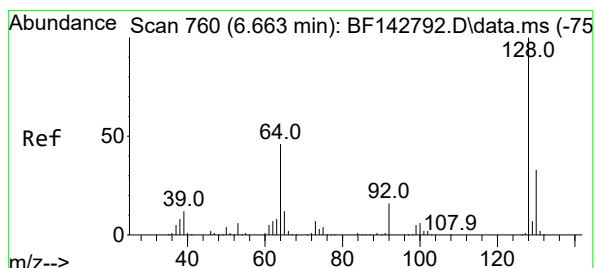
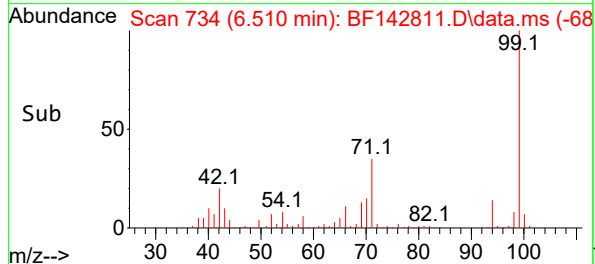
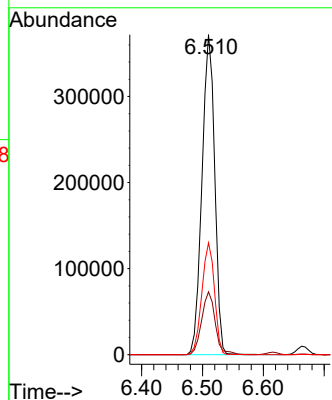
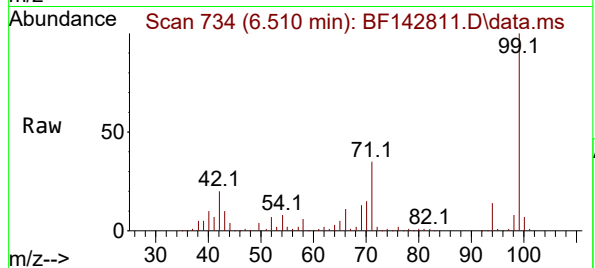




#7
Phenol-d6
Concen: 86.066 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

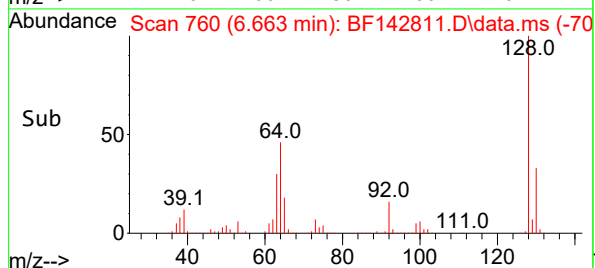
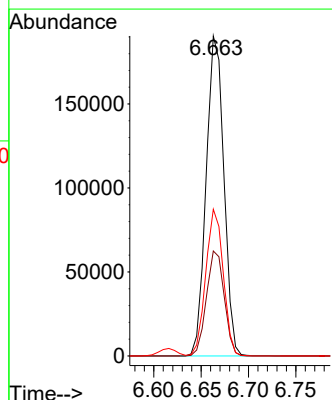
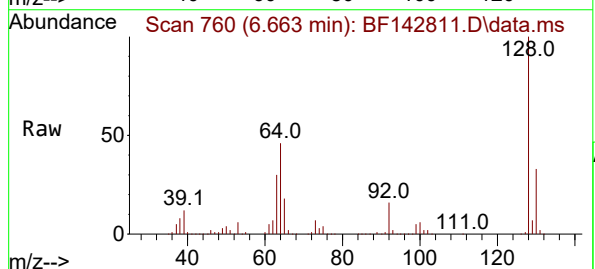
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

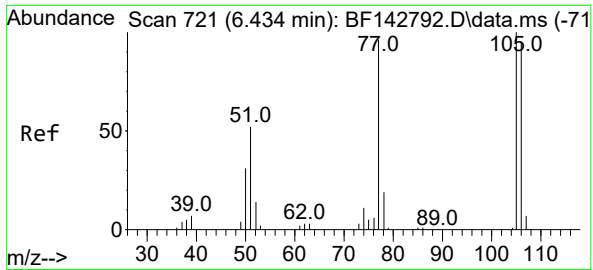
Tgt Ion: 99 Resp: 538916
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 35.0 27.8 41.8



#8
2-Chlorophenol
Concen: 43.161 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 128 Resp: 247103
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 45.9 26.5 66.5

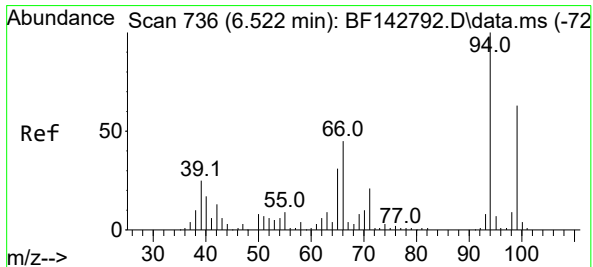
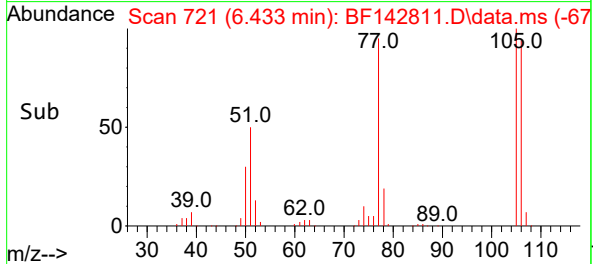
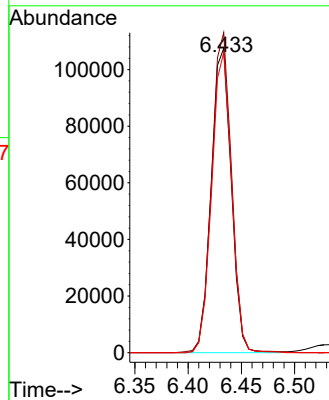
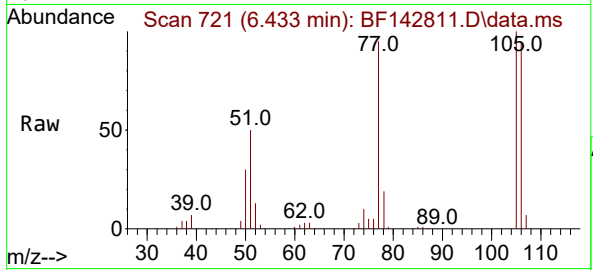




#9
Benzaldehyde
Concen: 37.794 ng
RT: 6.433 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

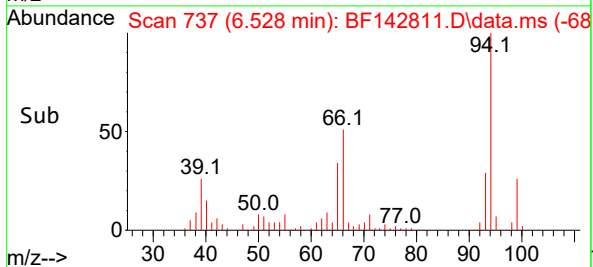
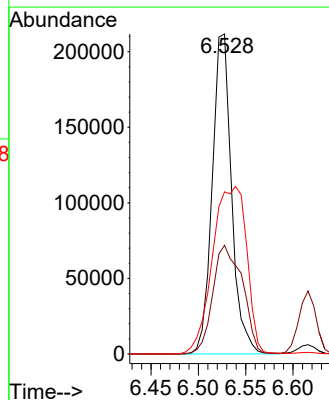
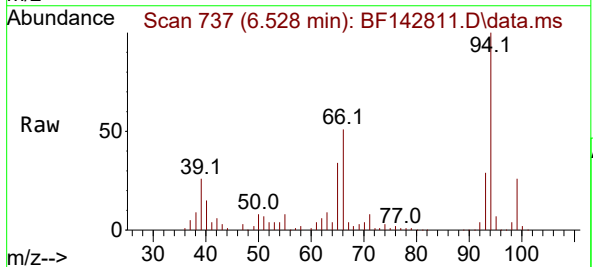
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

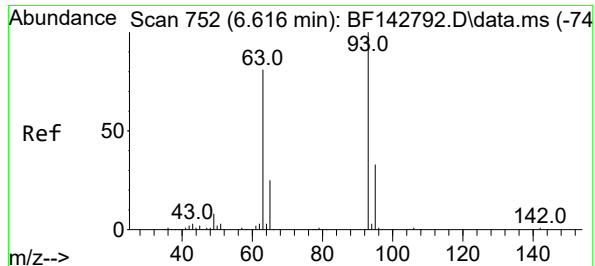
Tgt Ion: 77 Resp: 140403
Ion Ratio Lower Upper
77 100
105 105.2 83.8 123.8
106 98.6 78.7 118.7



#10
Phenol
Concen: 43.259 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 94 Resp: 301098
Ion Ratio Lower Upper
94 100
65 33.9 11.3 51.3
66 50.7 24.9 64.9

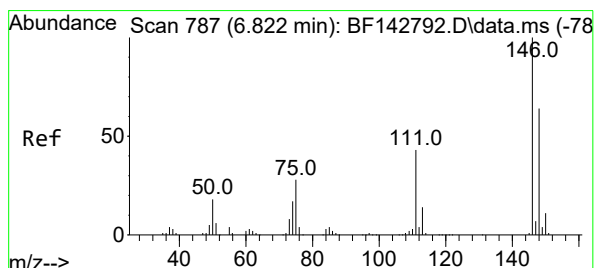
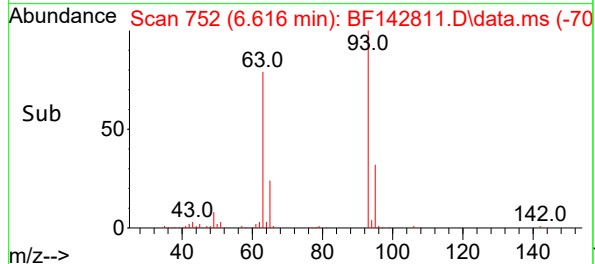
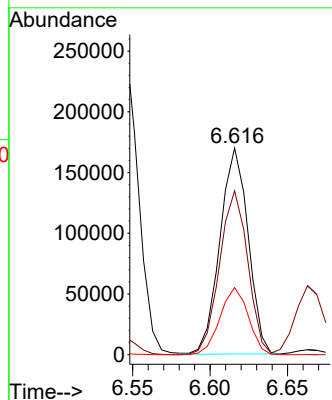
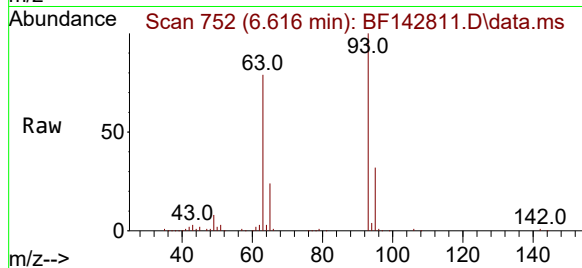




#11
bis(2-Chloroethyl)ether
Concen: 43.260 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

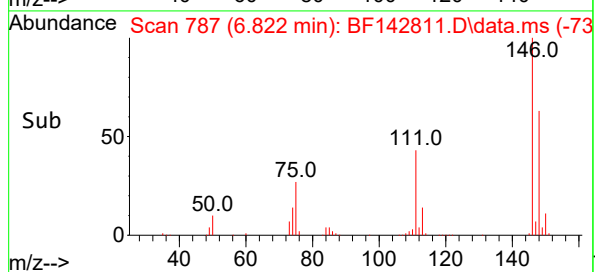
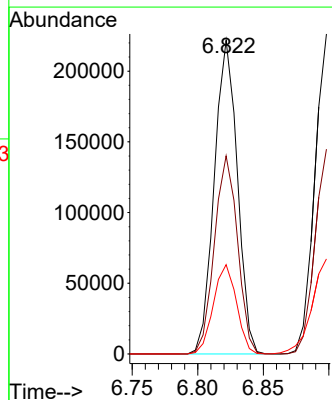
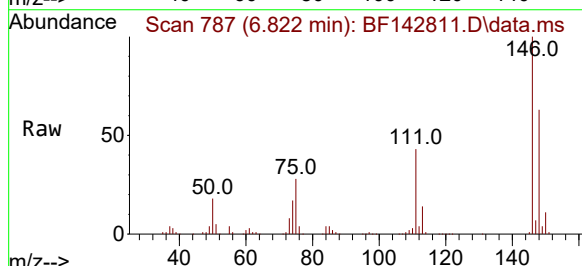
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

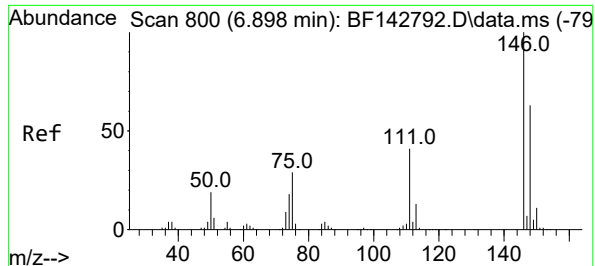
Tgt Ion: 93 Resp: 215204
Ion Ratio Lower Upper
93 100
63 79.3 60.3 100.3
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.358 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 146 Resp: 271215
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
75 28.5 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 42.449 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

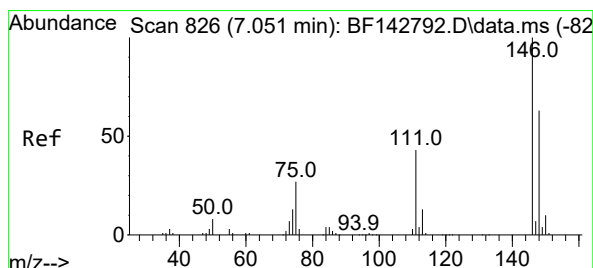
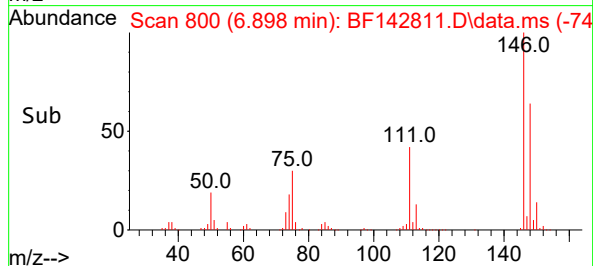
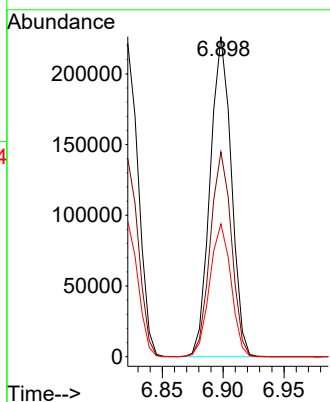
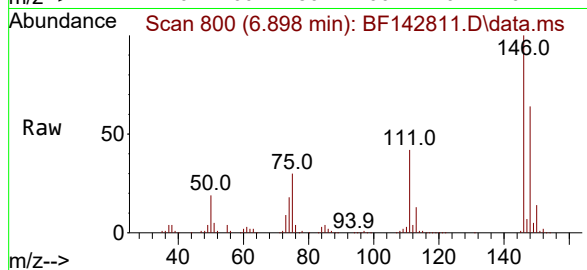
Tgt Ion:146 Resp: 274224

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

111 41.5 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.450 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

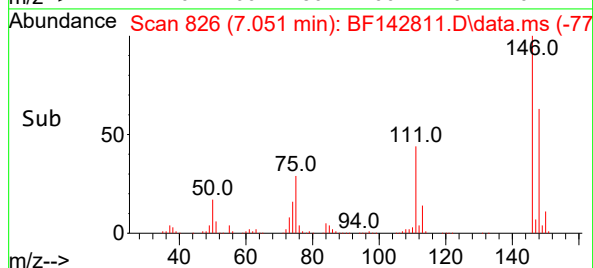
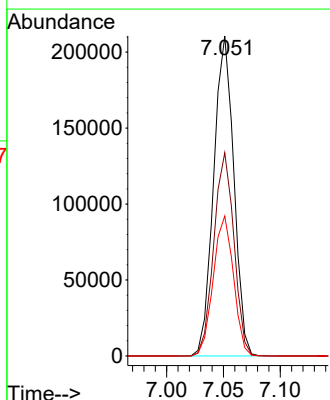
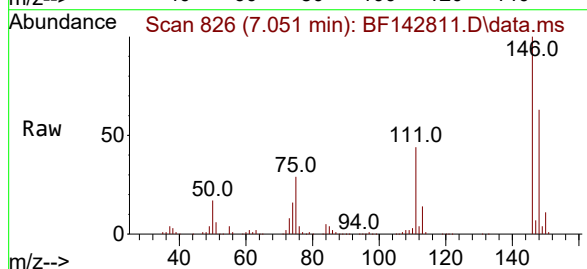
Tgt Ion:146 Resp: 260103

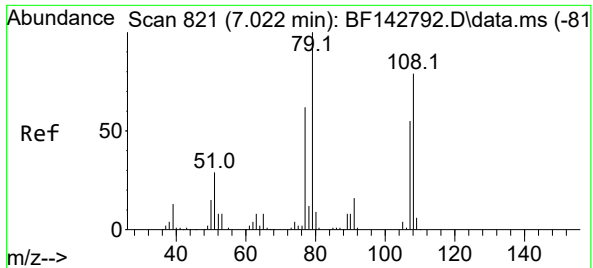
Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

111 43.8 34.1 51.1





#15

Benzyl Alcohol

Concen: 43.954 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

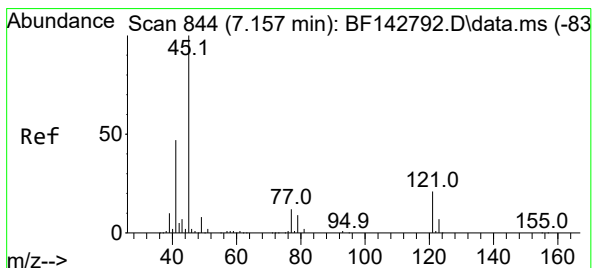
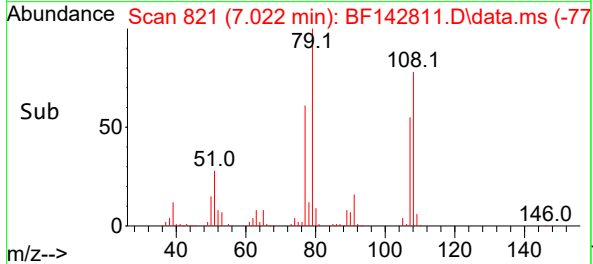
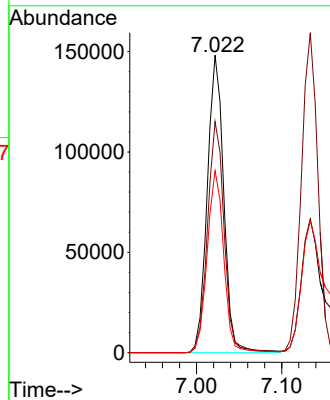
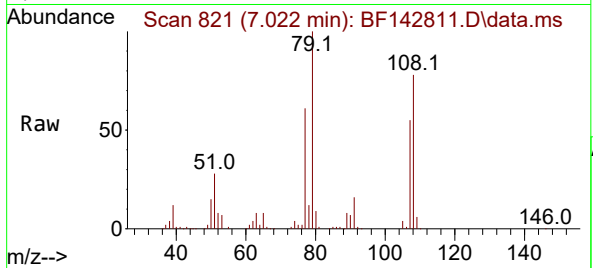
Tgt Ion: 79 Resp: 198970

Ion Ratio Lower Upper

79 100

108 77.7 63.4 95.0

77 61.2 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.607 ng

RT: 7.157 min Scan# 844

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

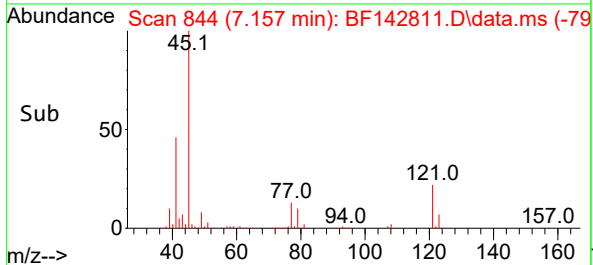
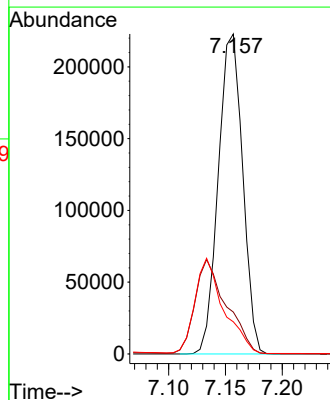
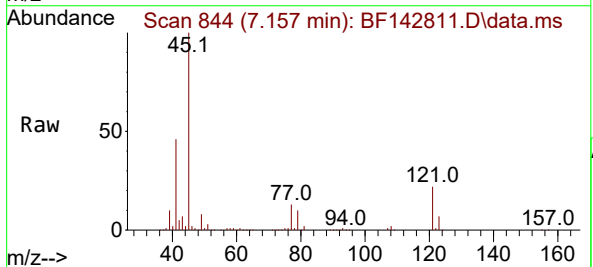
Tgt Ion: 45 Resp: 332544

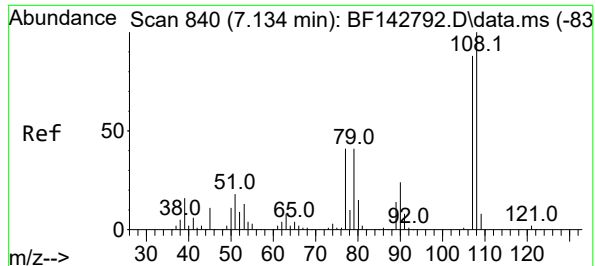
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.8

79 10.1 0.0 29.8

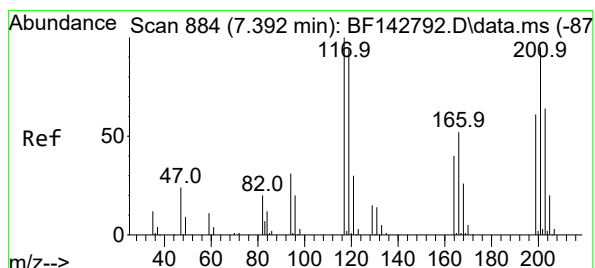
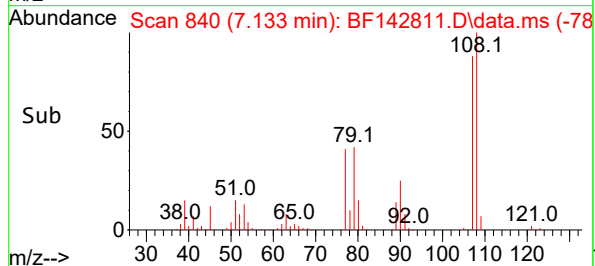
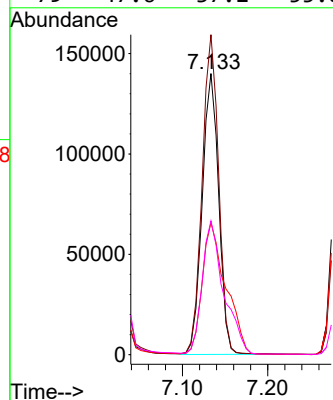
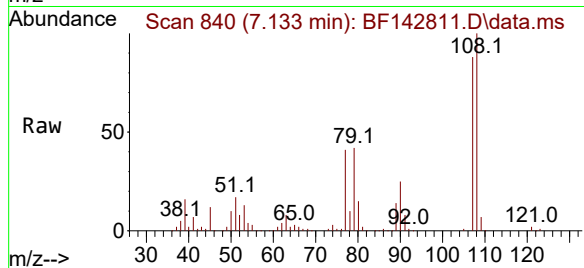




#17
2-Methylphenol
Concen: 43.355 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

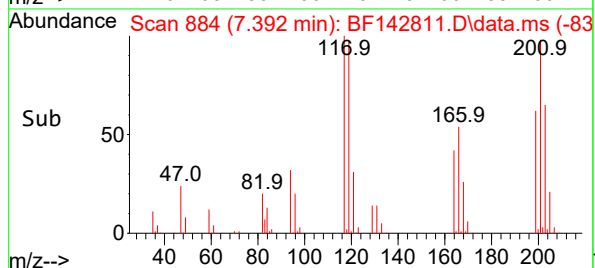
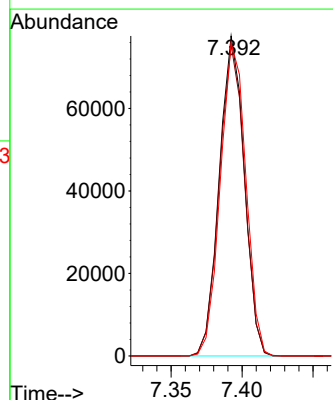
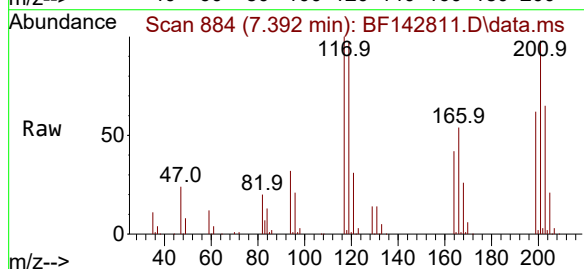
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

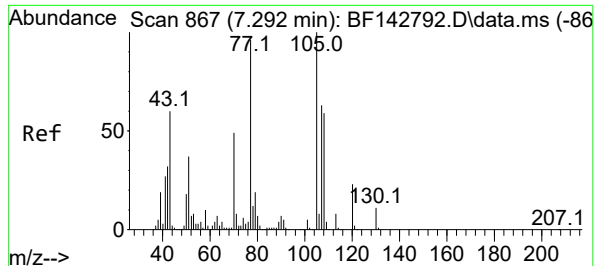
Tgt Ion:107 Resp: 188101
Ion Ratio Lower Upper
107 100
108 113.8 90.9 136.3
77 46.9 37.3 55.9
79 47.6 37.2 55.8



#18
Hexachloroethane
Concen: 42.065 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:117 Resp: 95048
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.0
201 97.9 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.594 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 155120

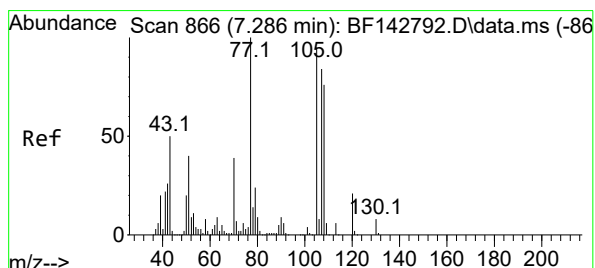
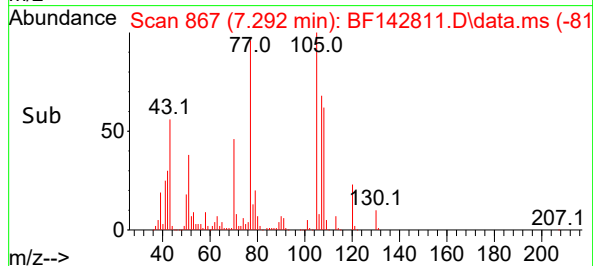
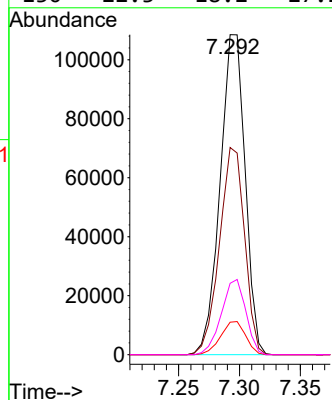
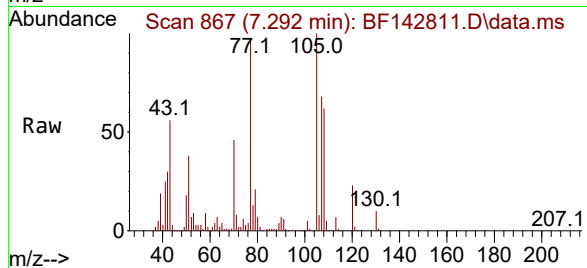
Ion Ratio Lower Upper

70 100

42 64.8 52.1 78.1

101 10.1 8.2 12.2

130 22.3 18.2 27.2



#20

3+4-Methylphenols

Concen: 43.463 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Tgt Ion:107 Resp: 235113

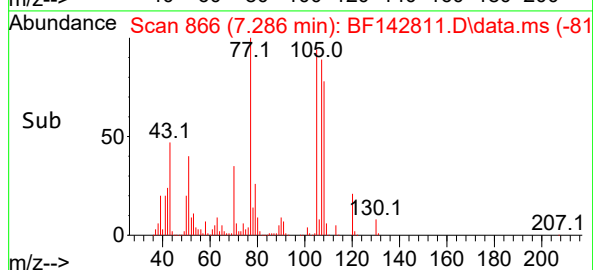
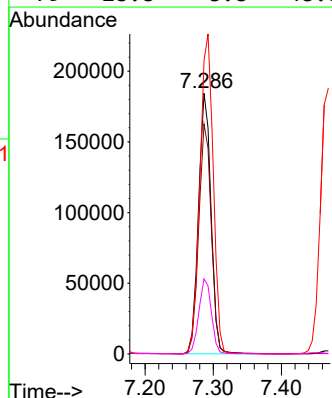
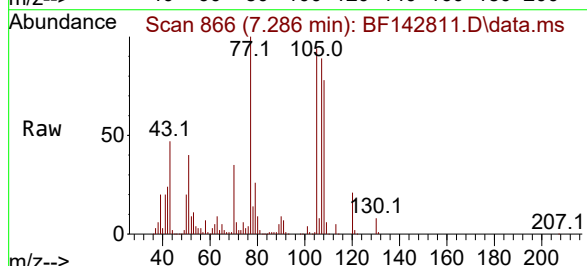
Ion Ratio Lower Upper

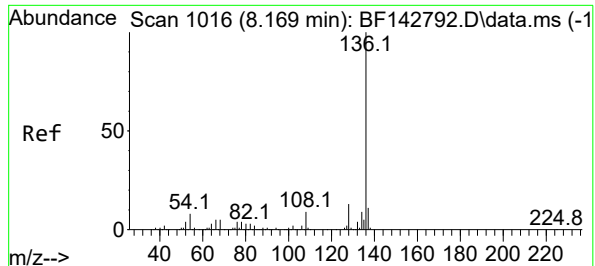
107 100

108 88.2 70.0 110.0

77 112.5 98.5 138.5

79 28.8 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 335549

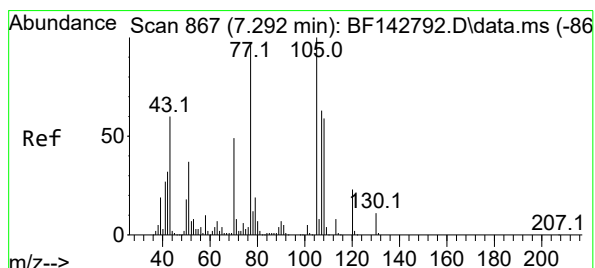
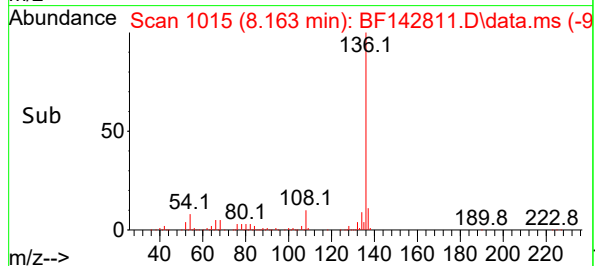
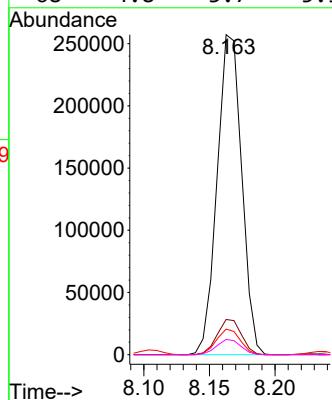
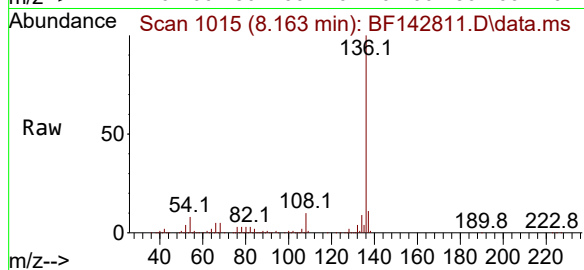
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.0 6.3 9.5

68 4.8 3.7 5.5



#22

Acetophenone

Concen: 42.065 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Tgt Ion:105 Resp: 311257

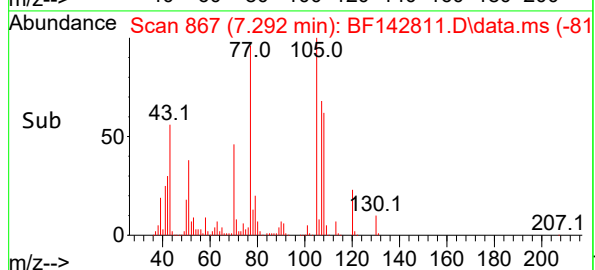
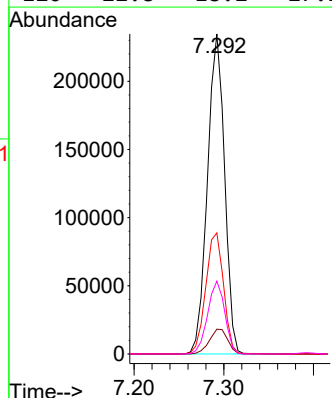
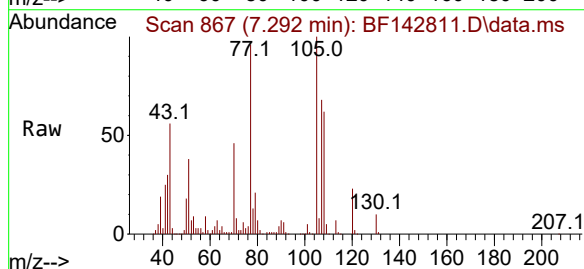
Ion Ratio Lower Upper

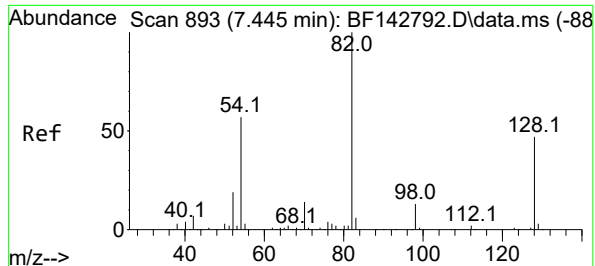
105 100

71 7.7 6.5 9.7

51 37.8 29.8 44.8

120 22.8 18.2 27.2





#23

Nitrobenzene-d5

Concen: 86.048 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

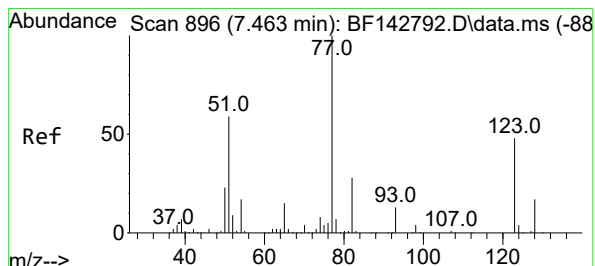
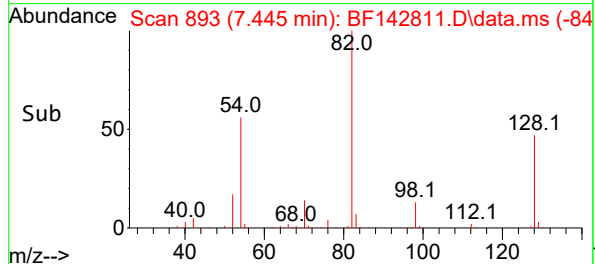
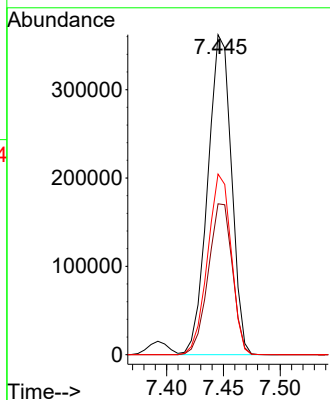
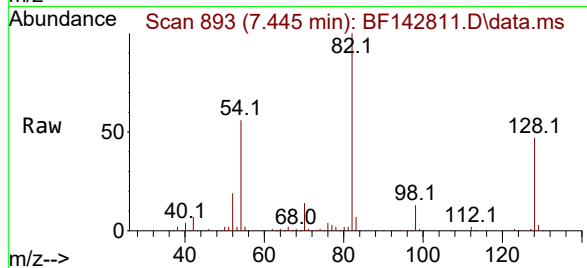
Tgt Ion: 82 Resp: 526395

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 56.4 45.7 68.5



#24

Nitrobenzene

Concen: 42.892 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

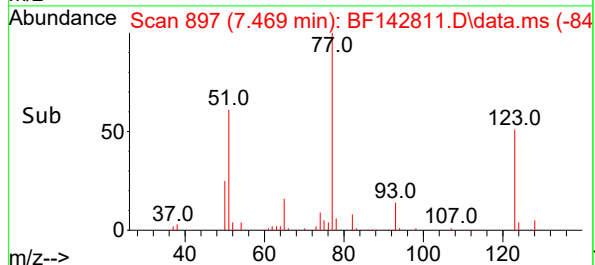
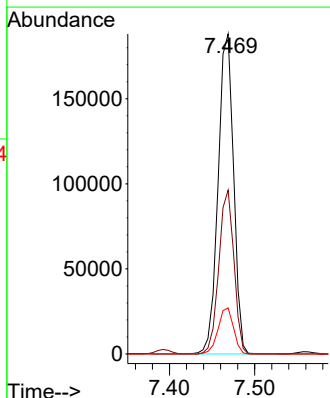
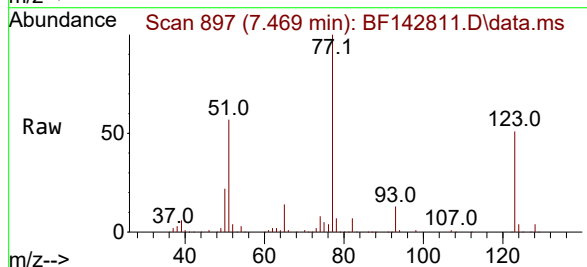
Tgt Ion: 77 Resp: 237487

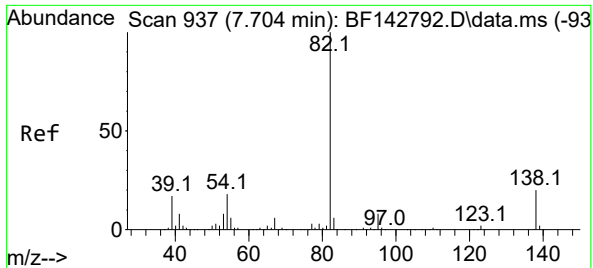
Ion Ratio Lower Upper

77 100

123 51.2 39.2 58.8

65 14.4 11.6 17.4

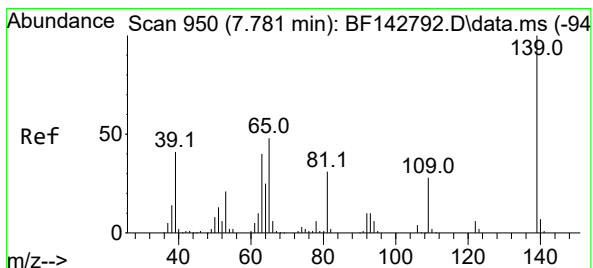
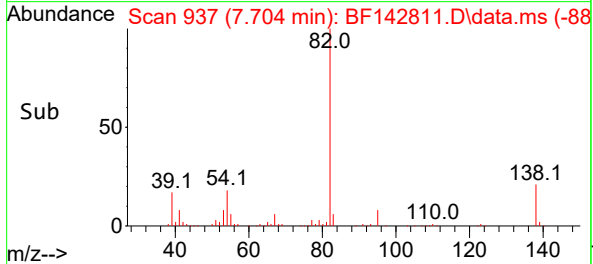
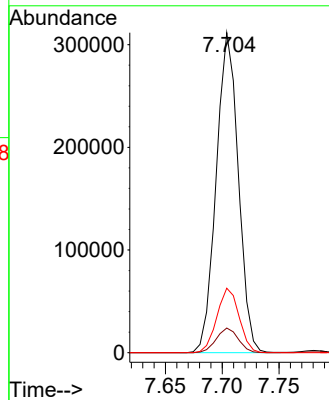
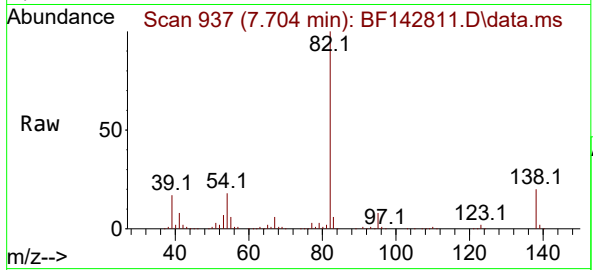




#25
Isophorone
Concen: 43.017 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

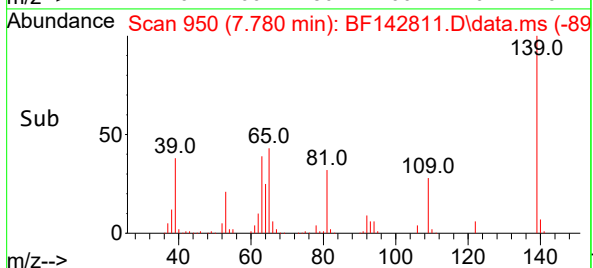
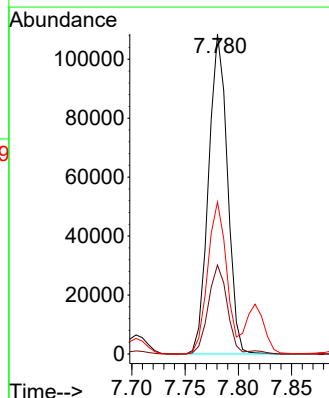
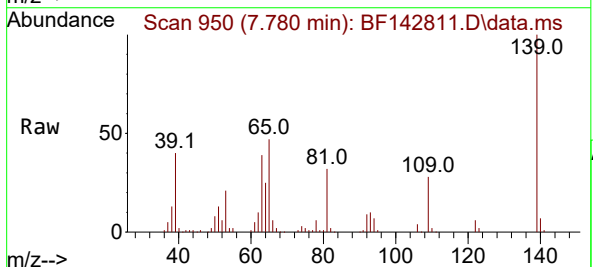
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

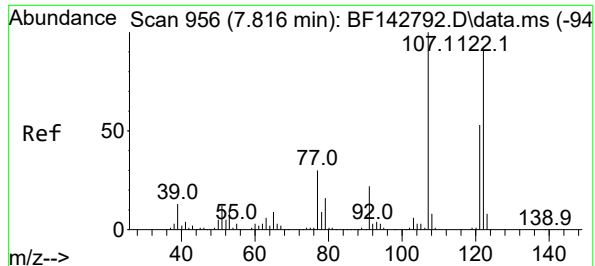
Tgt Ion: 82 Resp: 422145
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.1 16.2 24.4



#26
2-Nitrophenol
Concen: 44.426 ng
RT: 7.780 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:139 Resp: 133998
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 47.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.887 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

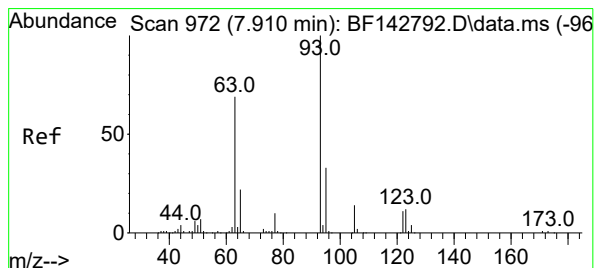
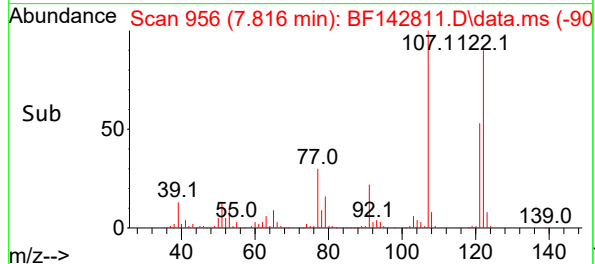
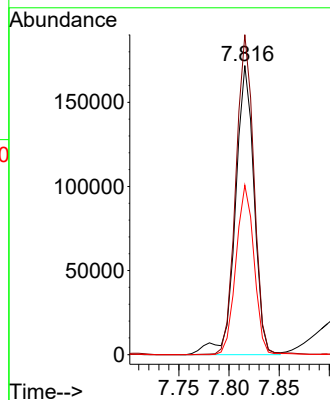
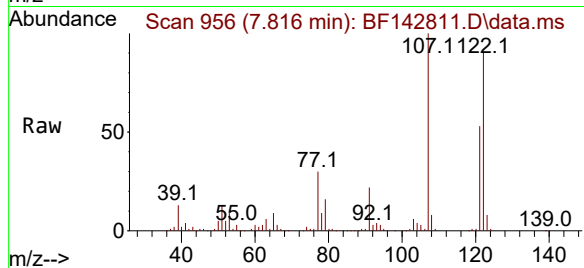
Tgt Ion:122 Resp: 224066

Ion Ratio Lower Upper

122 100

107 110.7 88.0 132.0

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.485 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

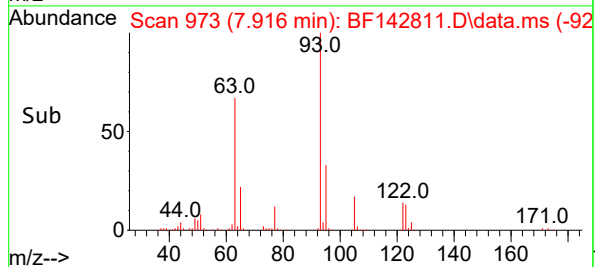
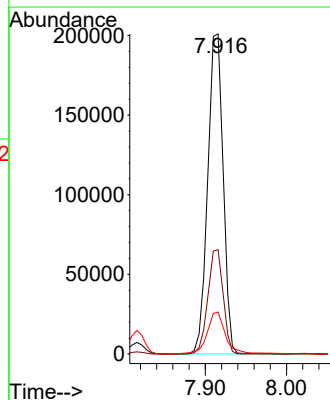
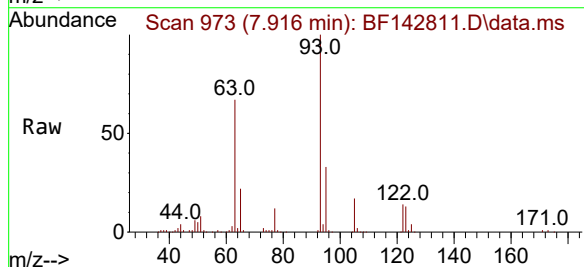
Tgt Ion: 93 Resp: 265061

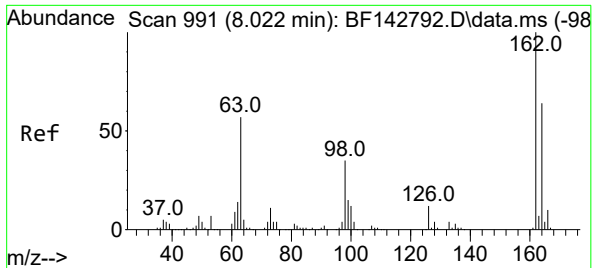
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 13.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.933 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

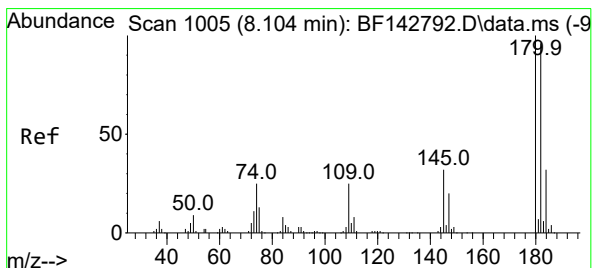
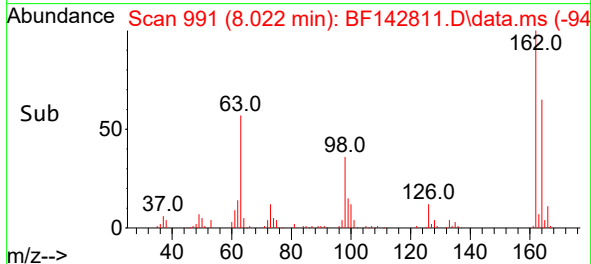
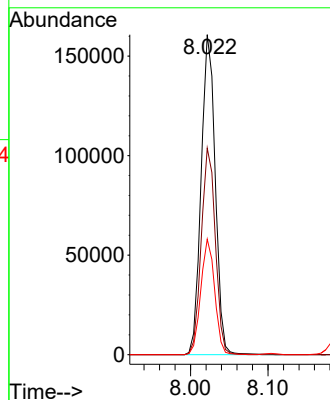
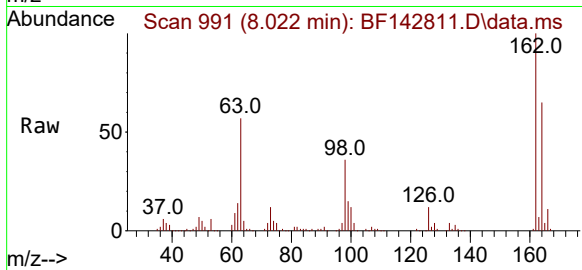
Tgt Ion:162 Resp: 203381

Ion Ratio Lower Upper

162 100

164 64.6 44.0 84.0

98 36.1 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 41.857 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

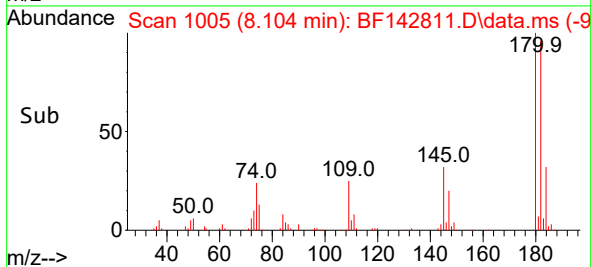
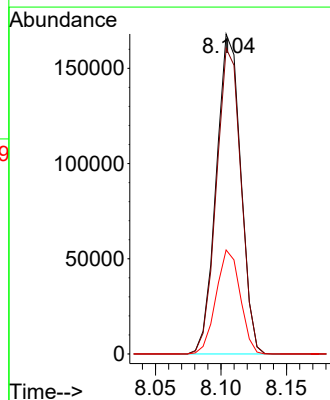
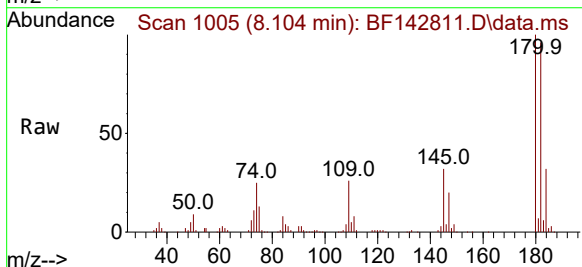
Tgt Ion:180 Resp: 218035

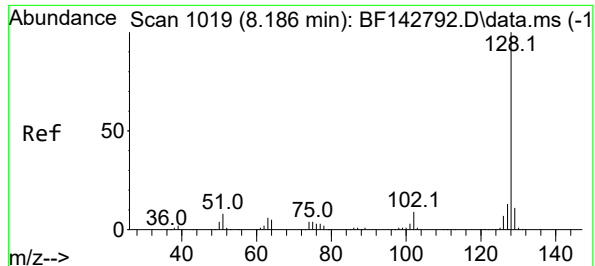
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 32.5 25.8 38.8





#31

Naphthalene

Concen: 42.387 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

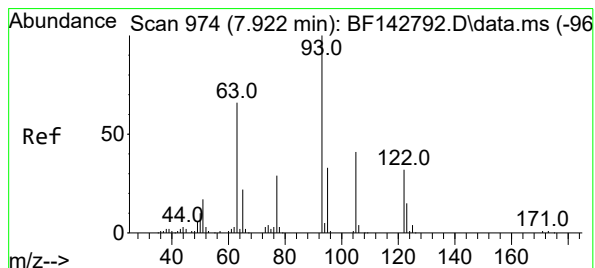
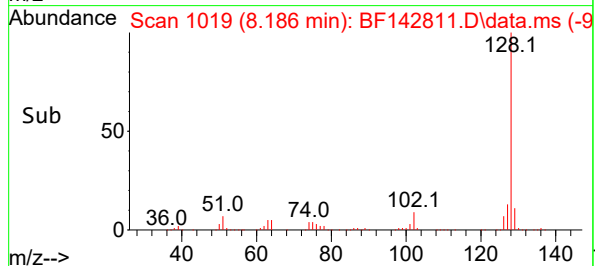
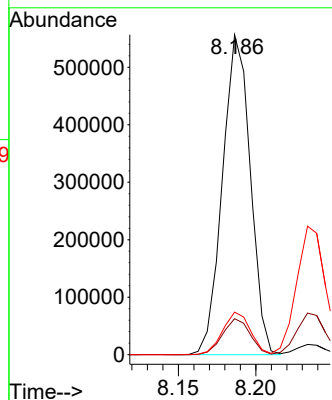
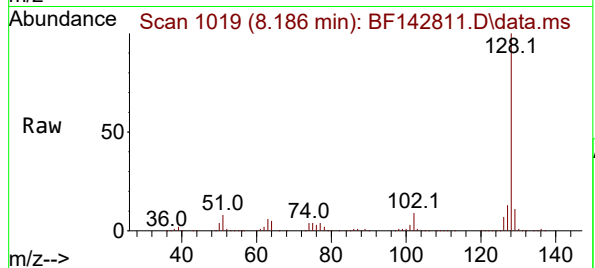
Tgt Ion:128 Resp: 696192

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.3 10.4 15.6



#32

Benzoic acid

Concen: 47.690 ng

RT: 7.933 min Scan# 976

Delta R.T. 0.012 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

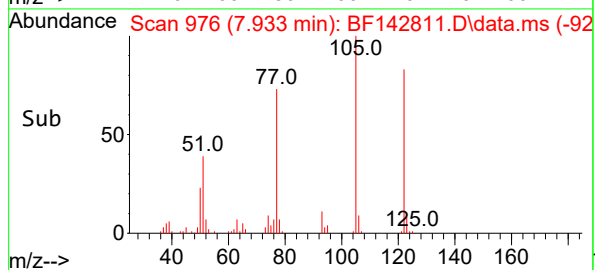
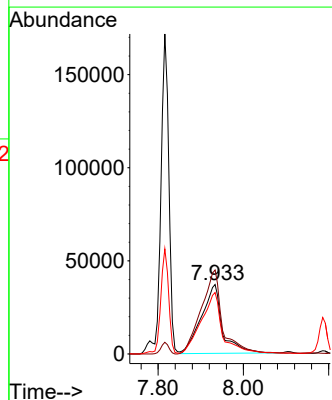
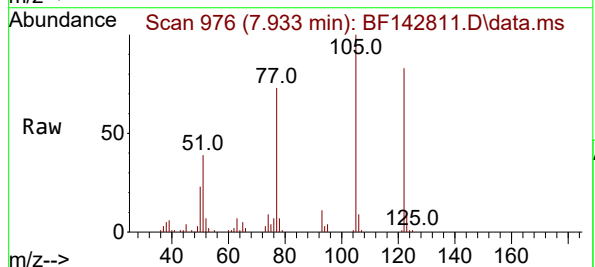
Tgt Ion:122 Resp: 126992

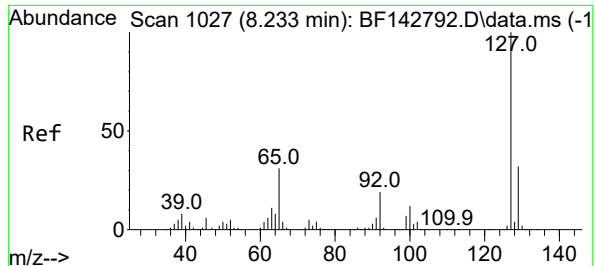
Ion Ratio Lower Upper

122 100

105 120.9 104.7 144.7

77 88.5 70.2 110.2





#33

4-Chloroaniline

Concen: 43.241 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 288786

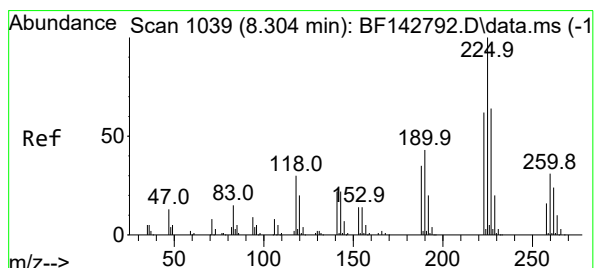
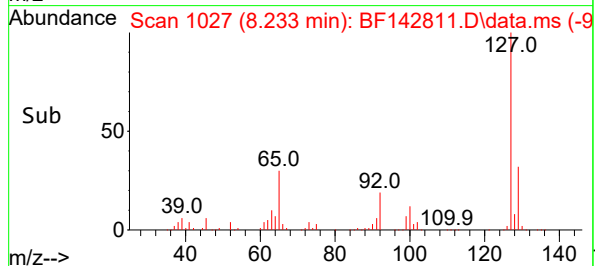
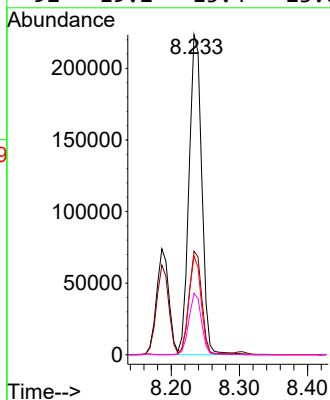
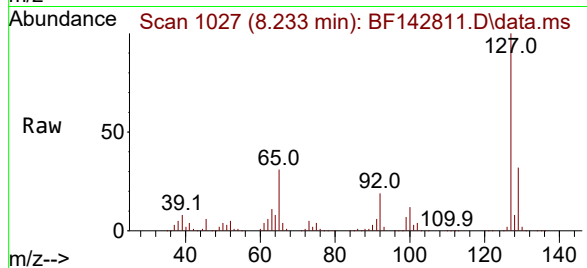
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 30.8 24.6 36.8

92 19.2 15.4 23.0



#34

Hexachlorobutadiene

Concen: 41.657 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

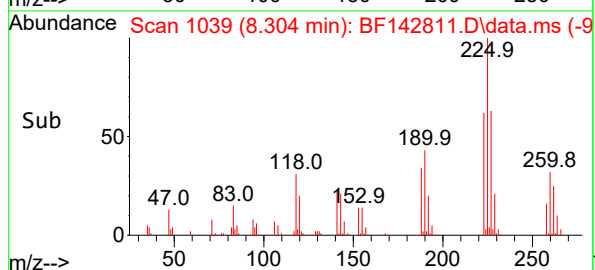
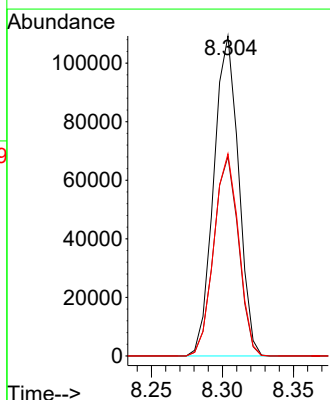
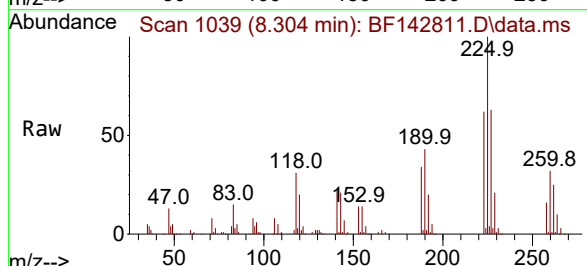
Tgt Ion:225 Resp: 132733

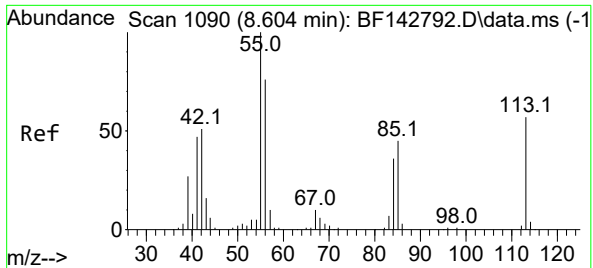
Ion Ratio Lower Upper

225 100

223 62.3 49.9 74.9

227 63.2 51.4 77.0





#35

Caprolactam

Concen: 47.805 ng

RT: 8.610 min Scan# 1091

Delta R.T. 0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

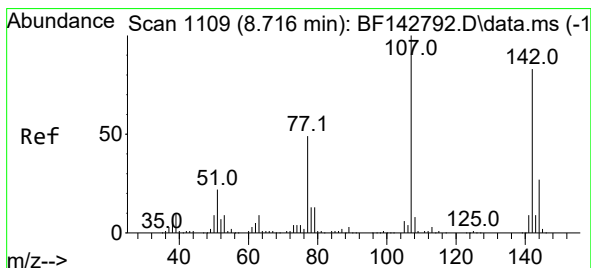
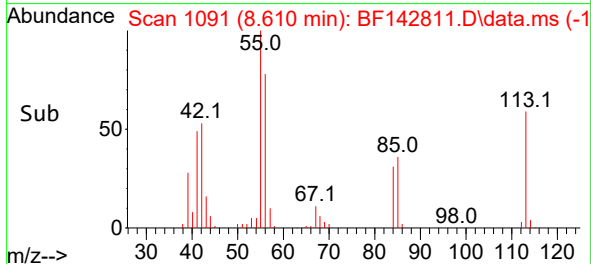
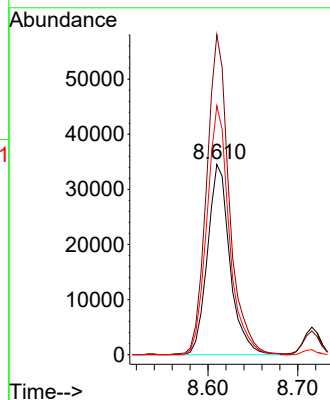
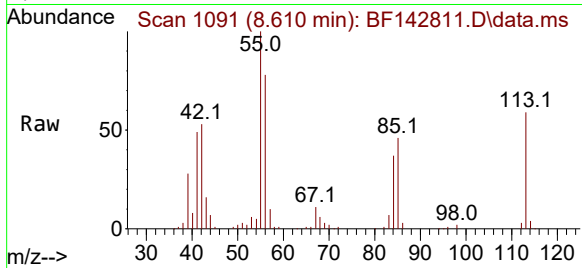
Tgt Ion:113 Resp: 59758

Ion Ratio Lower Upper

113 100

55 168.1 154.4 194.4

56 130.8 112.1 152.1



#36

4-Chloro-3-methylphenol

Concen: 43.575 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

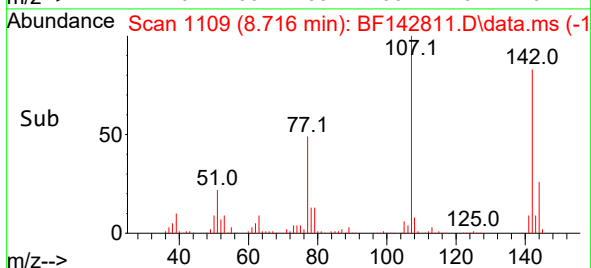
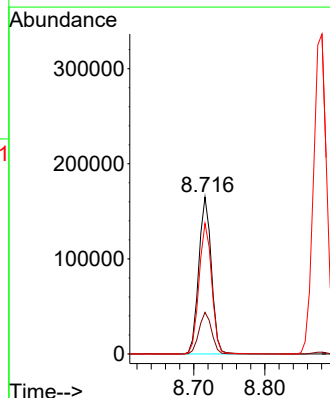
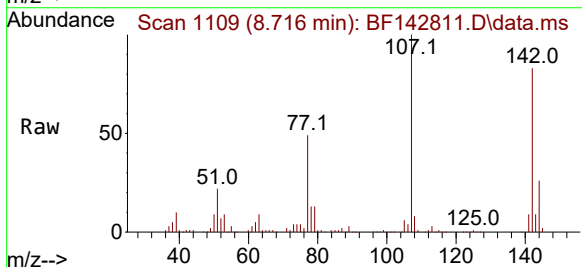
Tgt Ion:107 Resp: 205152

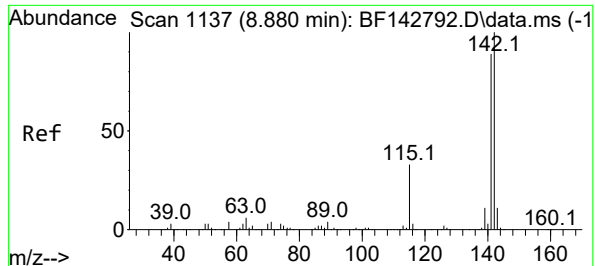
Ion Ratio Lower Upper

107 100

144 26.5 21.3 31.9

142 83.2 66.6 100.0





#37

2-Methylnaphthalene

Concen: 42.288 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

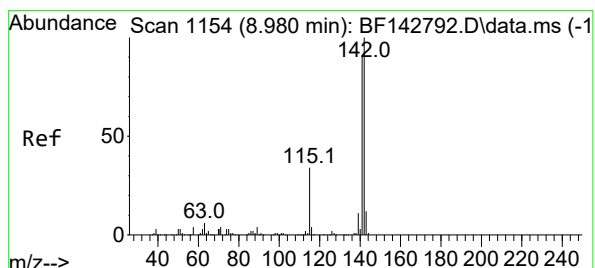
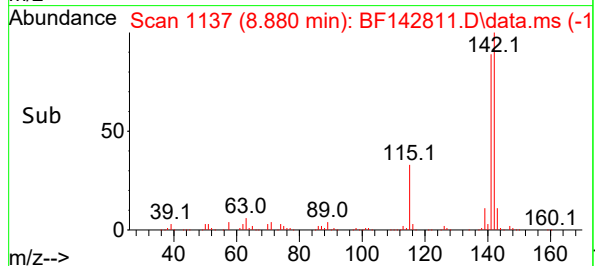
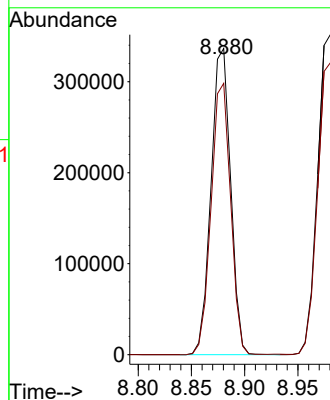
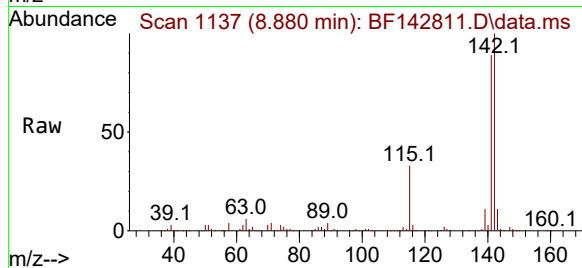
SSTDCCC040

Tgt Ion:142 Resp: 430600

Ion Ratio Lower Upper

142 100

141 88.6 70.9 106.3



#38

1-Methylnaphthalene

Concen: 42.617 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF142811.D

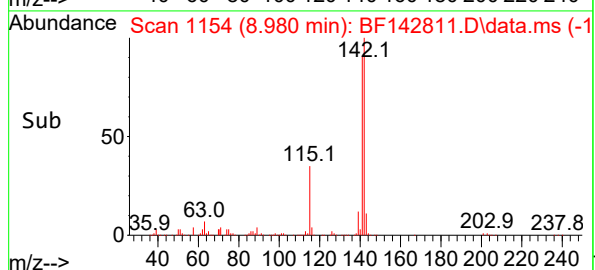
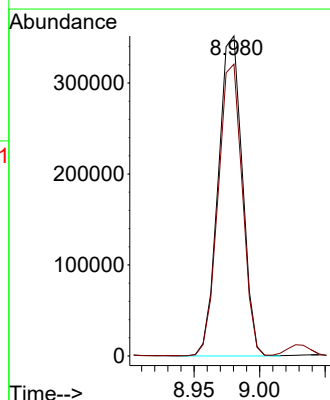
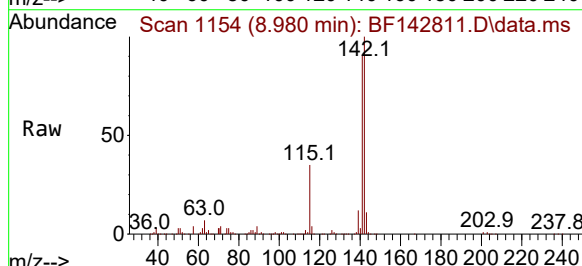
Acq: 24 Jun 2025 10:16

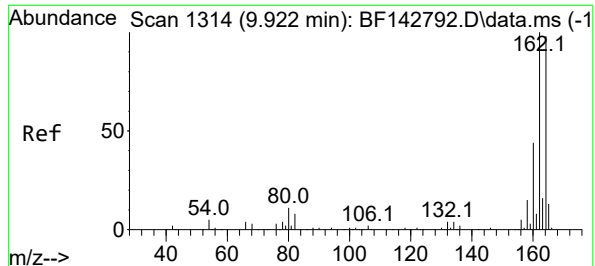
Tgt Ion:142 Resp: 449219

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.921 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

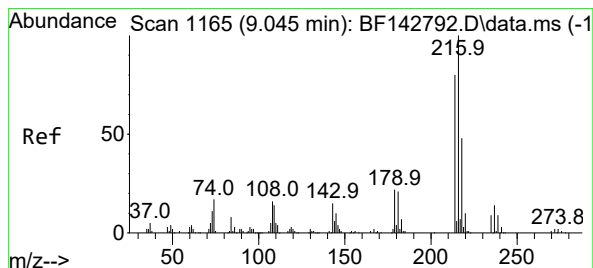
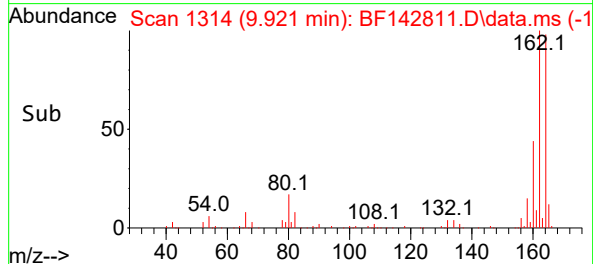
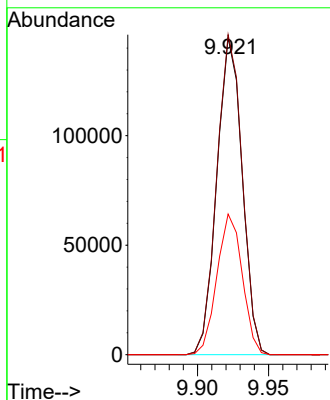
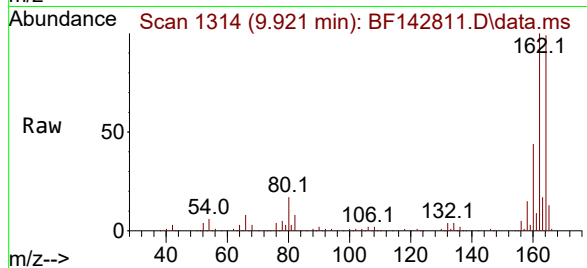
Tgt Ion:164 Resp: 179366

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.8

160 44.4 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.047 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Tgt Ion:216 Resp: 217242

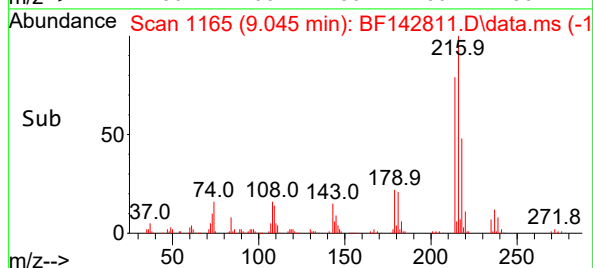
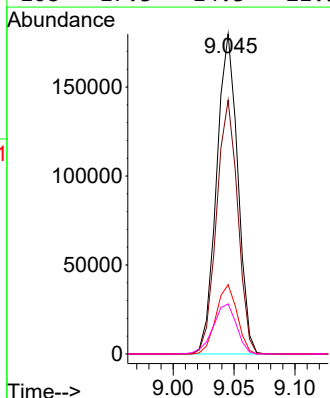
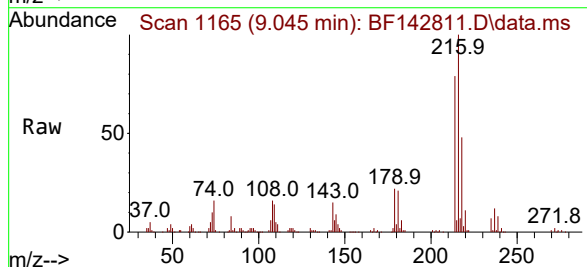
Ion Ratio Lower Upper

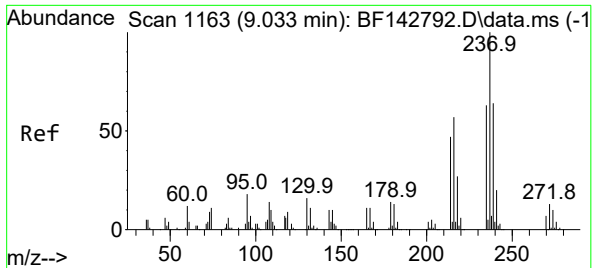
216 100

214 79.1 63.7 95.5

179 21.6 17.6 26.4

108 17.3 14.3 21.5

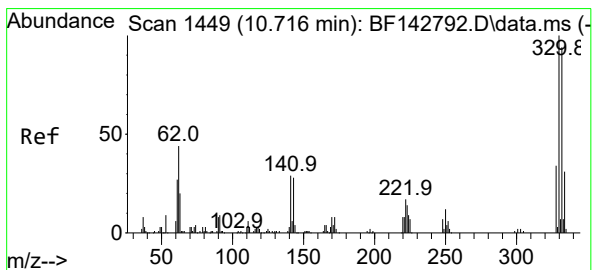
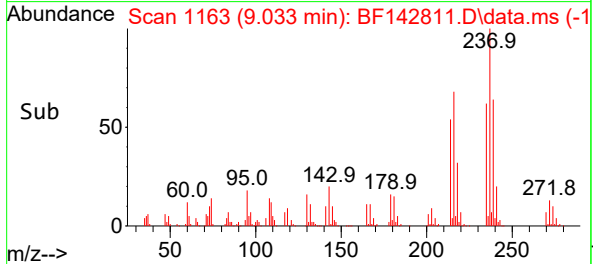
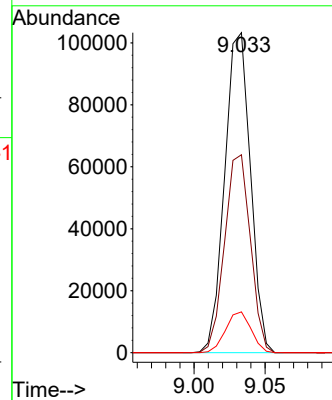
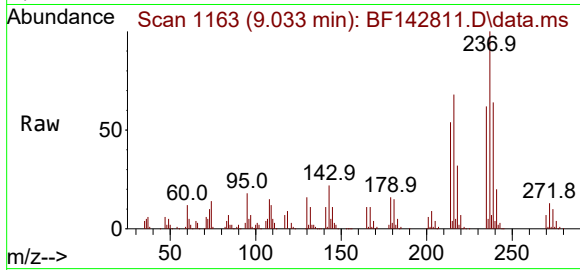




#41
Hexachlorocyclopentadiene
Concen: 43.326 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

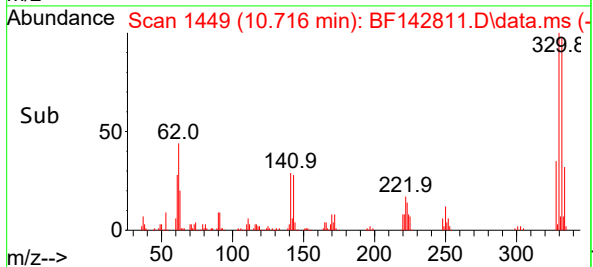
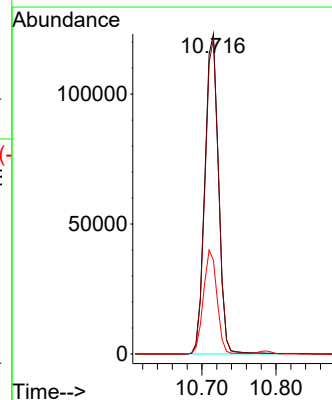
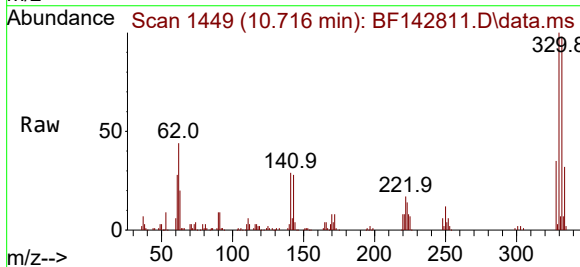
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

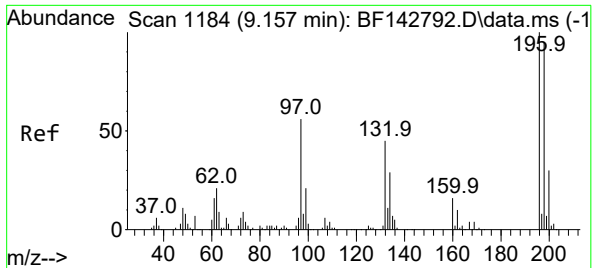
Tgt Ion:237 Resp: 130125
Ion Ratio Lower Upper
237 100
235 61.9 43.4 83.4
272 12.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 85.321 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:330 Resp: 157486
Ion Ratio Lower Upper
330 100
332 98.1 75.0 112.6
141 32.3 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 41.837 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

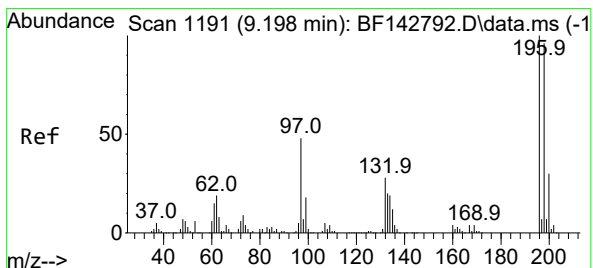
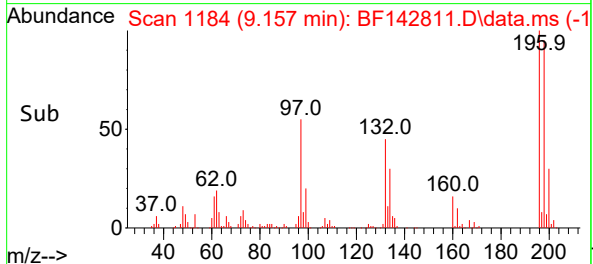
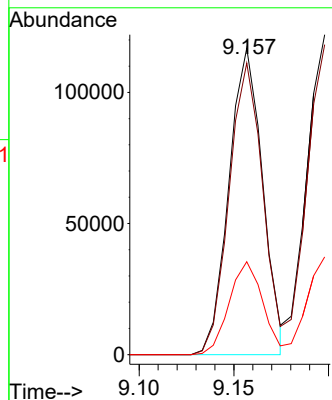
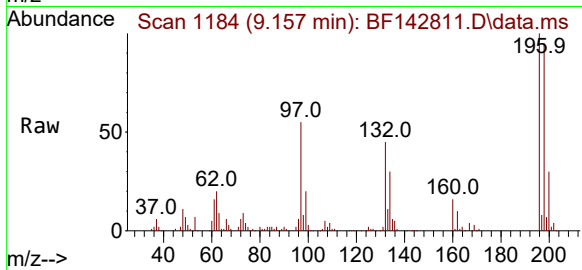
Tgt Ion:196 Resp: 144284

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

200 30.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.597 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Tgt Ion:196 Resp: 154645

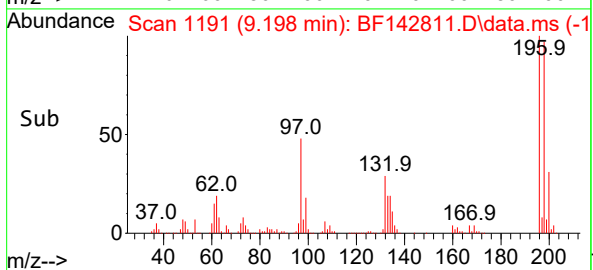
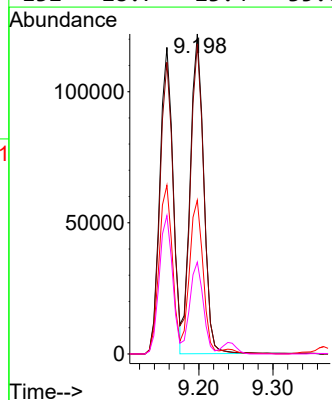
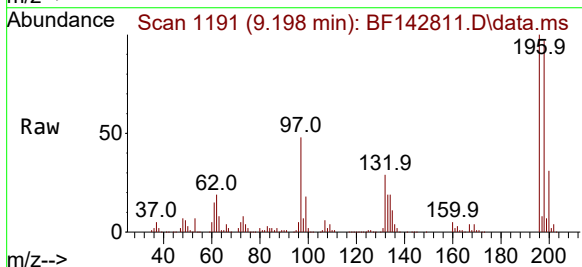
Ion Ratio Lower Upper

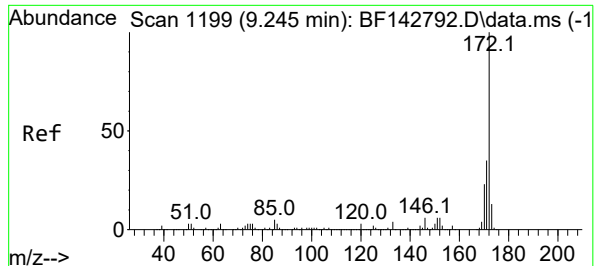
196 100

198 96.9 76.6 115.0

97 48.1 38.2 57.2

132 28.7 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 79.482 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

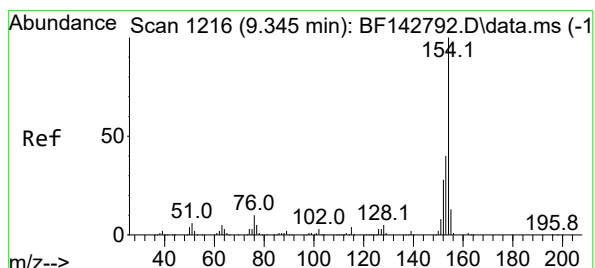
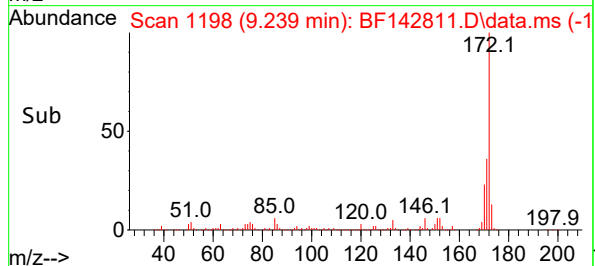
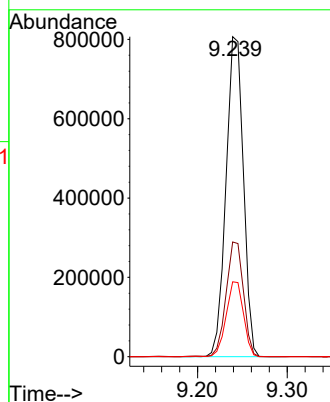
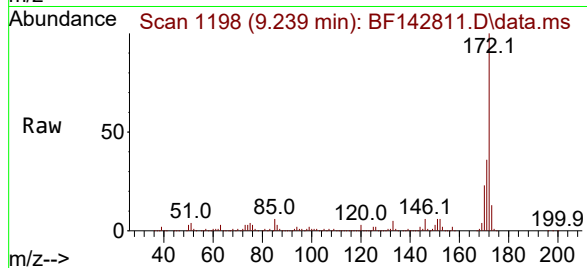
Tgt Ion:172 Resp: 1085224

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.4 18.5 27.7



#46

1,1'-Biphenyl

Concen: 41.200 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

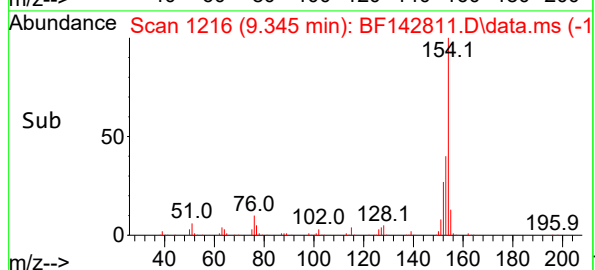
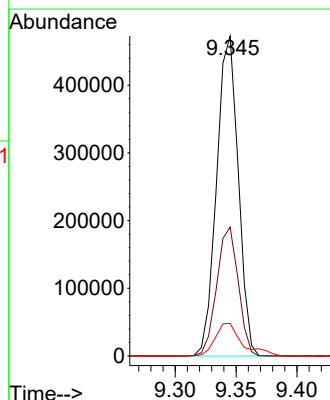
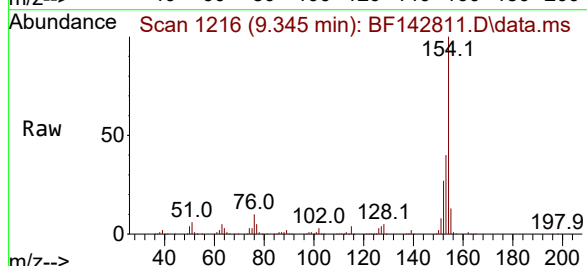
Tgt Ion:154 Resp: 583765

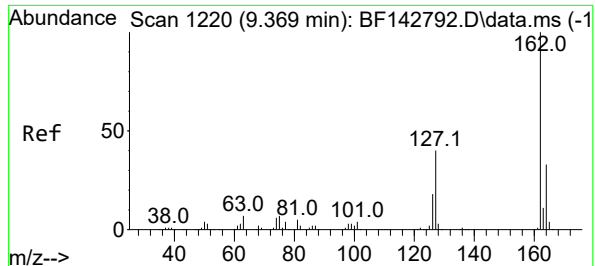
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 10.2 0.0 30.3





#47

2-Chloronaphthalene

Concen: 41.367 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

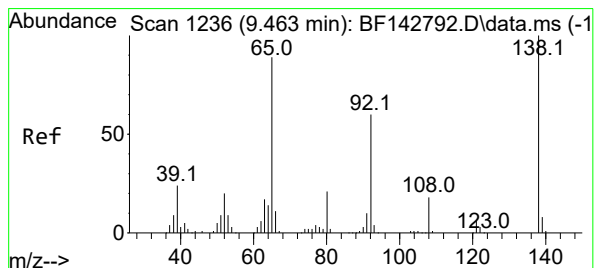
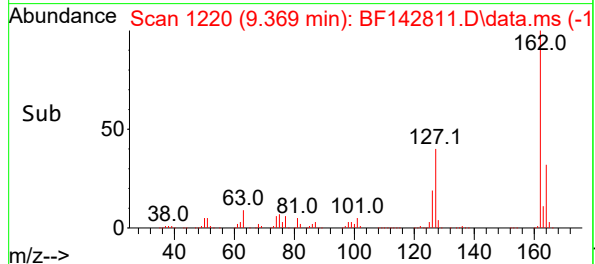
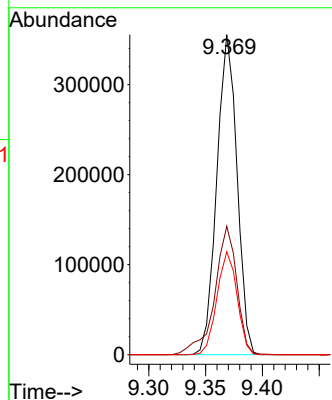
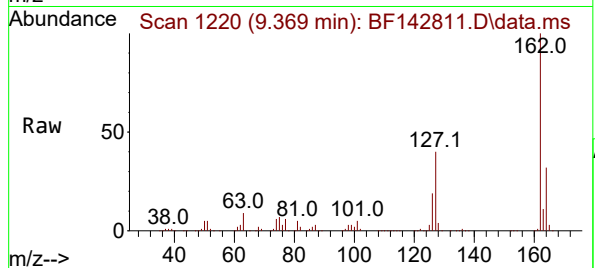
Tgt Ion:162 Resp: 439850

Ion Ratio Lower Upper

162 100

127 40.1 32.2 48.2

164 32.2 26.1 39.1



#48

2-Nitroaniline

Concen: 43.907 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

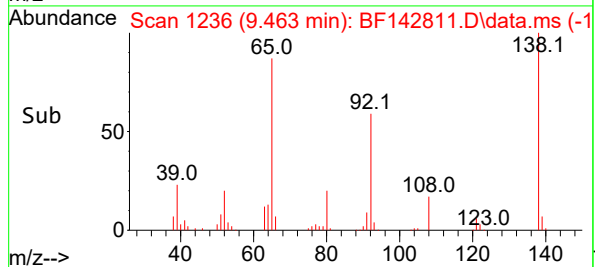
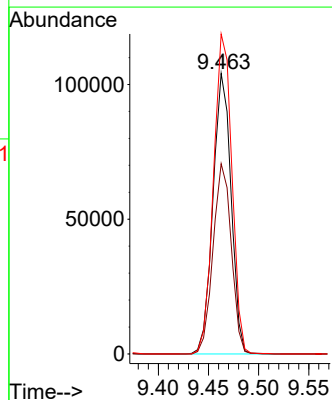
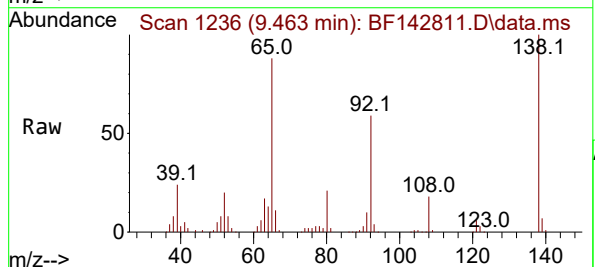
Tgt Ion: 65 Resp: 130885

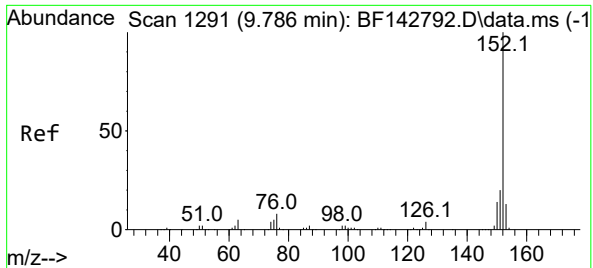
Ion Ratio Lower Upper

65 100

92 67.8 53.8 80.6

138 114.1 89.6 134.4





#49

Acenaphthylene

Concen: 41.654 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

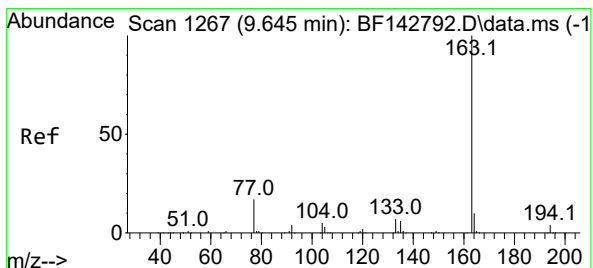
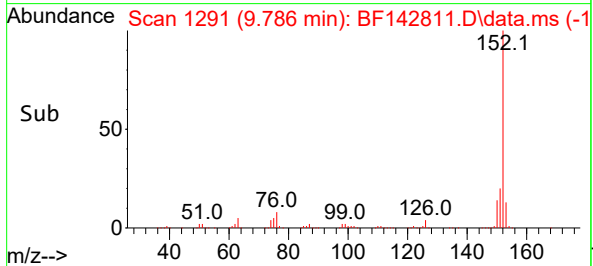
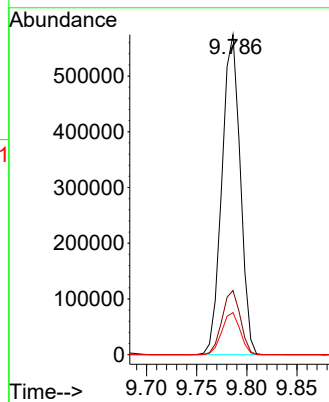
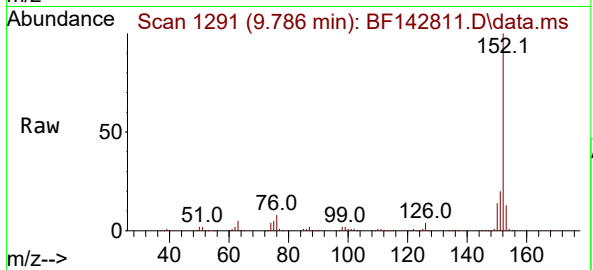
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 729096

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.1	10.4	15.6



#50

Dimethylphthalate

Concen: 42.321 ng

RT: 9.645 min Scan# 1267

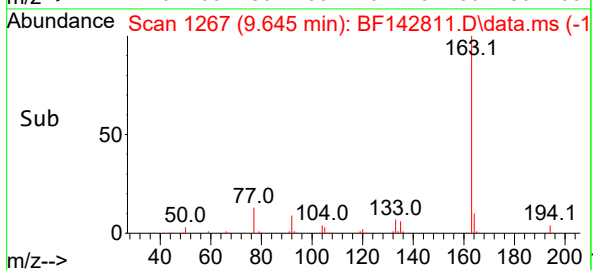
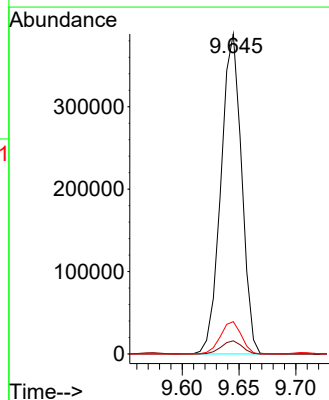
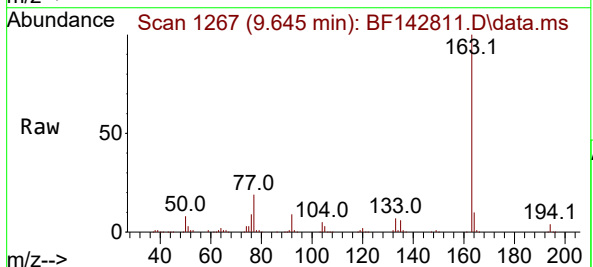
Delta R.T. -0.000 min

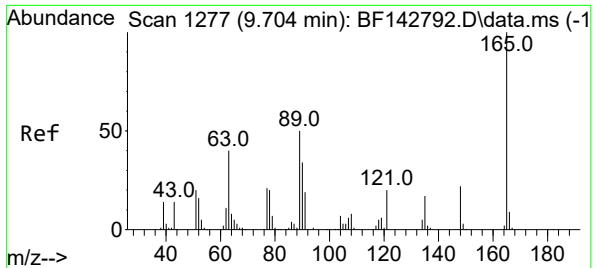
Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Tgt Ion:163 Resp: 491365

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.0	12.0

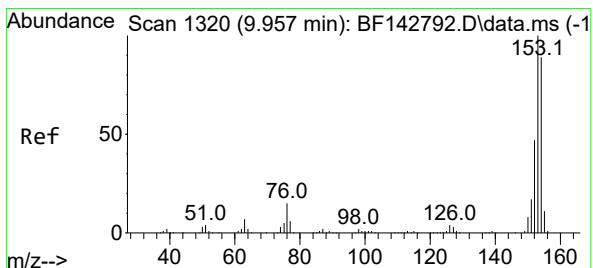
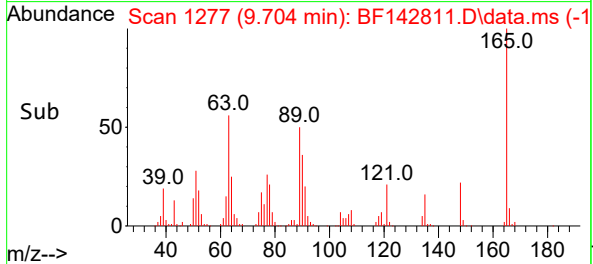
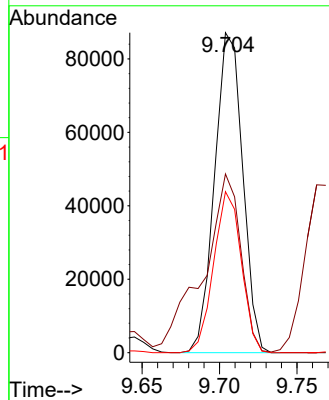
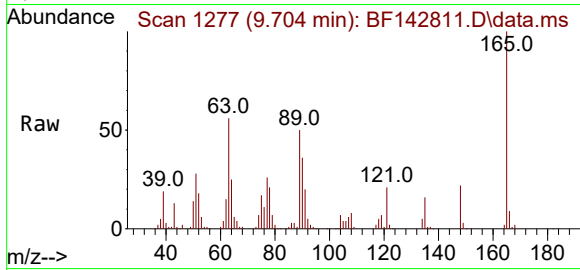




#51
2,6-Dinitrotoluene
Concen: 43.151 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

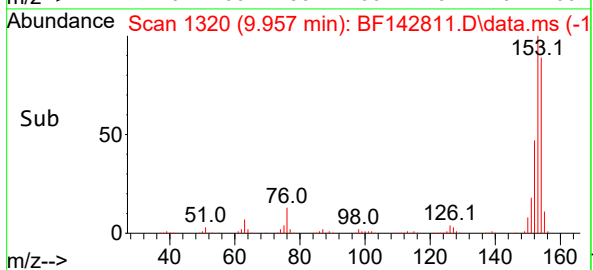
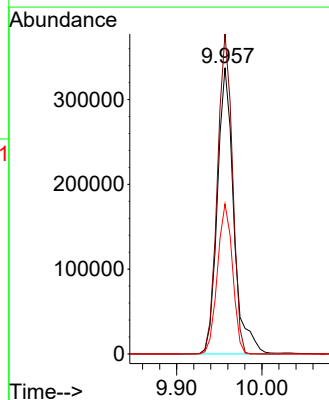
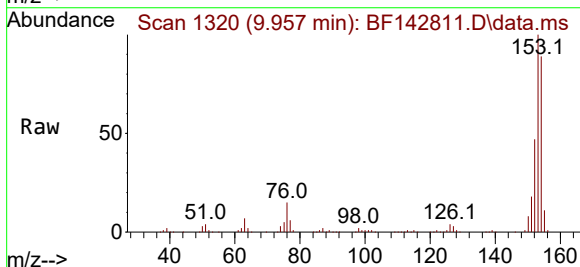
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

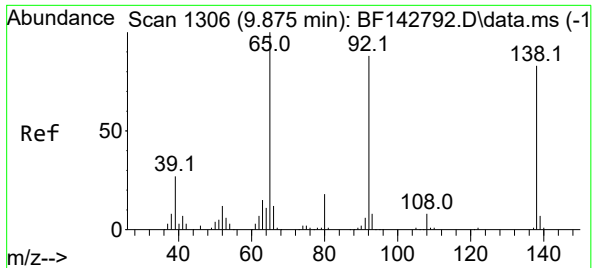
Tgt Ion:165 Resp: 110024
Ion Ratio Lower Upper
165 100
63 55.9 44.2 66.4
89 50.3 39.8 59.8



#52
Acenaphthene
Concen: 42.190 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:154 Resp: 450566
Ion Ratio Lower Upper
154 100
153 111.8 90.0 135.0
152 52.5 41.9 62.9

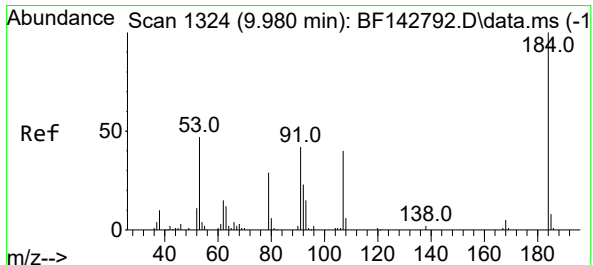
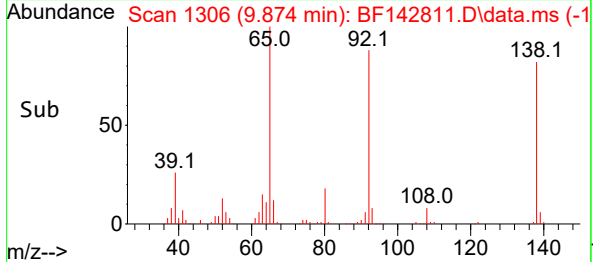
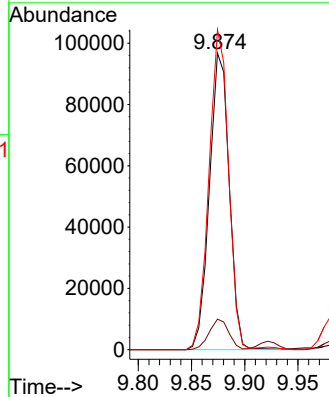
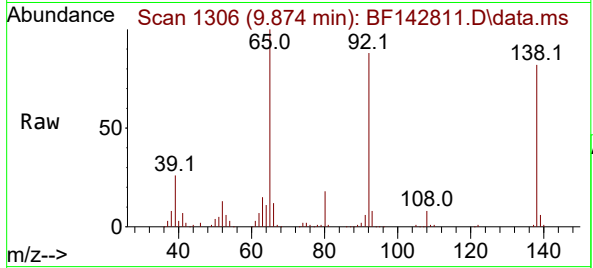




#53
3-Nitroaniline
Concen: 44.627 ng
RT: 9.874 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

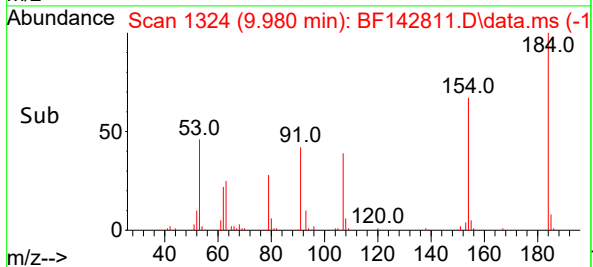
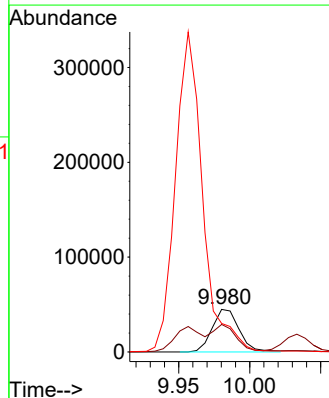
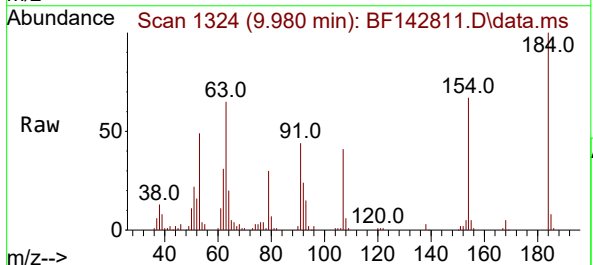
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

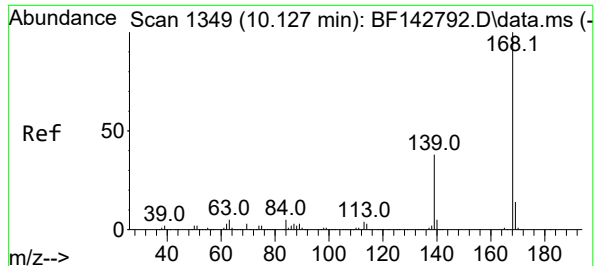
Tgt Ion:138 Resp: 125282
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 107.9 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 46.693 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:184 Resp: 59614
Ion Ratio Lower Upper
184 100
63 64.5 50.6 75.8
154 66.7 51.8 77.8





#55

Dibenzofuran

Concen: 41.762 ng

RT: 10.127 min Scan# 1349

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

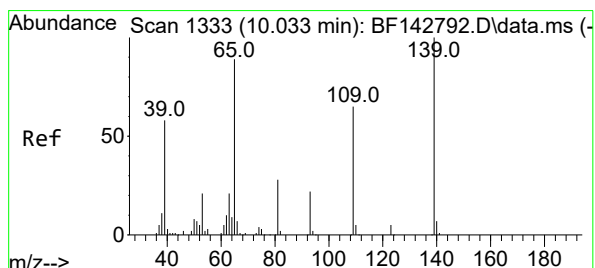
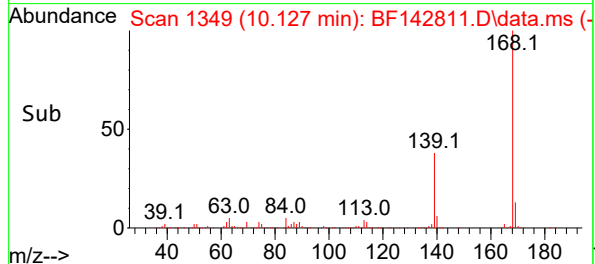
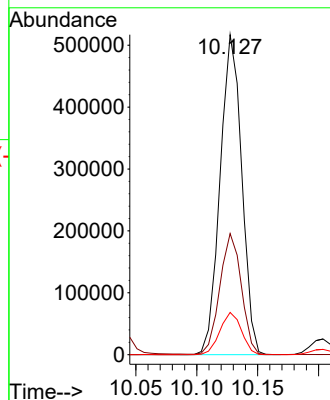
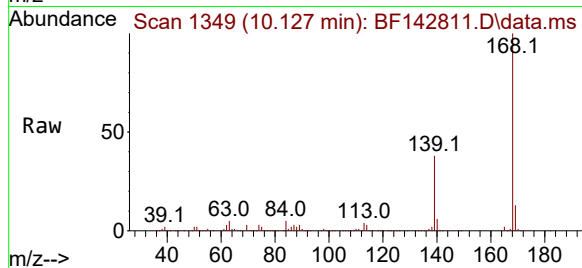
Tgt Ion:168 Resp: 639543

Ion Ratio Lower Upper

168 100

139 37.8 30.2 45.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 45.954 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

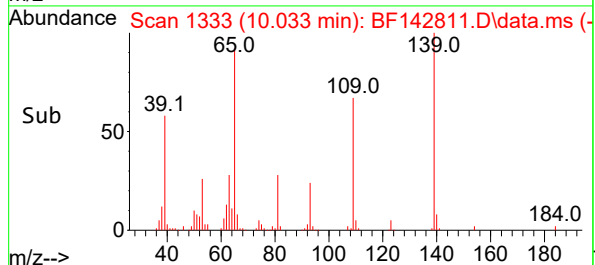
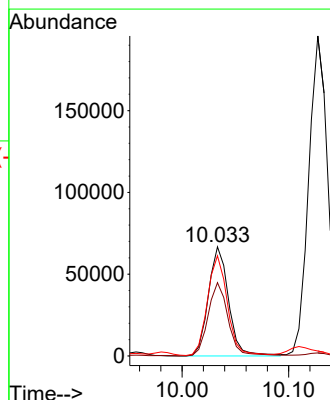
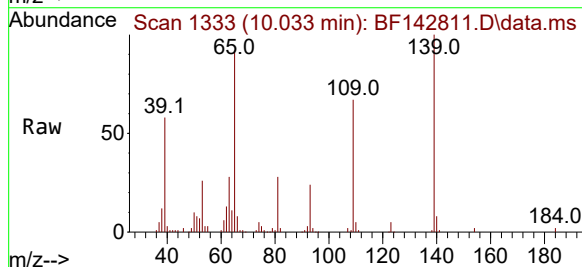
Tgt Ion:139 Resp: 88318

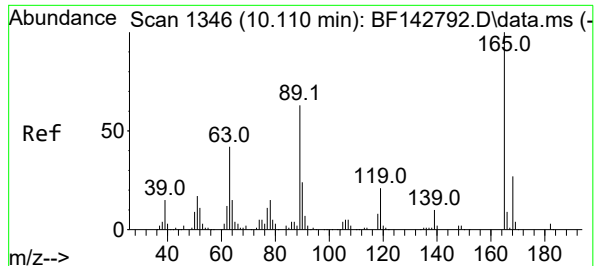
Ion Ratio Lower Upper

139 100

109 67.1 44.7 84.7

65 91.8 69.8 109.8

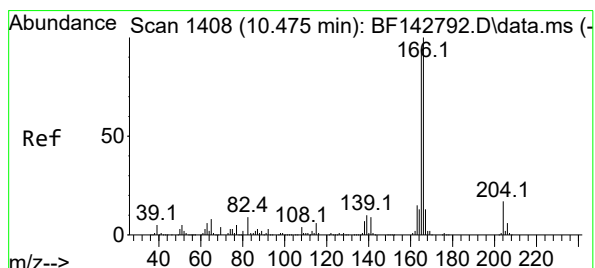
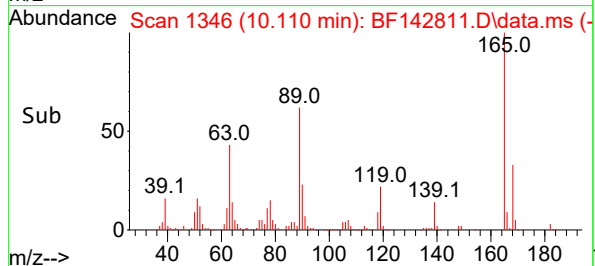
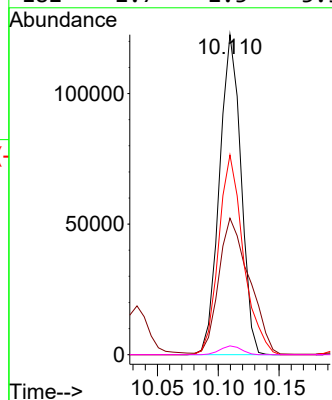
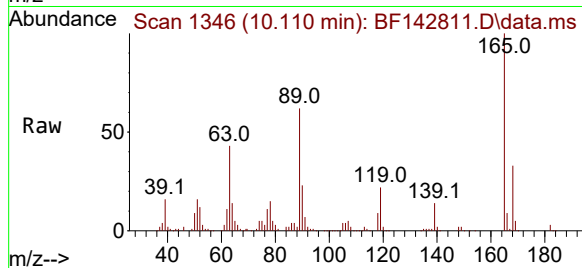




#57
2,4-Dinitrotoluene
Concen: 44.512 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

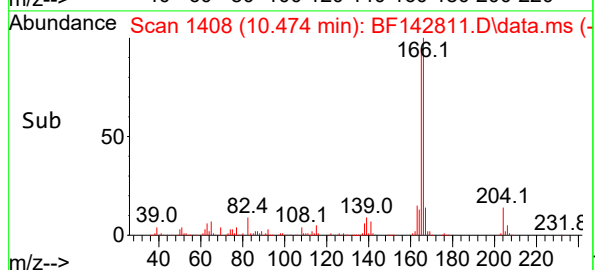
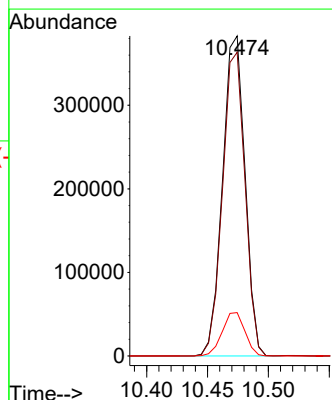
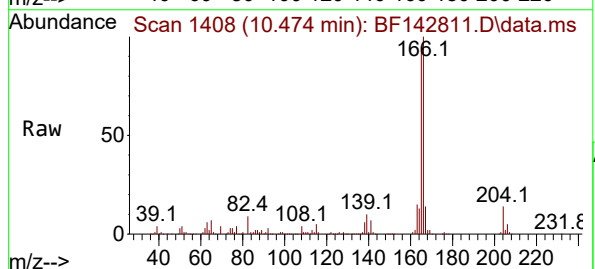
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

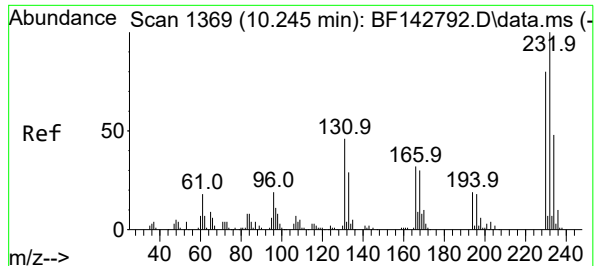
Tgt Ion:165 Resp: 150754
Ion Ratio Lower Upper
165 100
63 42.7 33.9 50.9
89 62.4 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 41.167 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:166 Resp: 492361
Ion Ratio Lower Upper
166 100
165 94.9 75.2 112.8
167 13.6 10.6 15.8

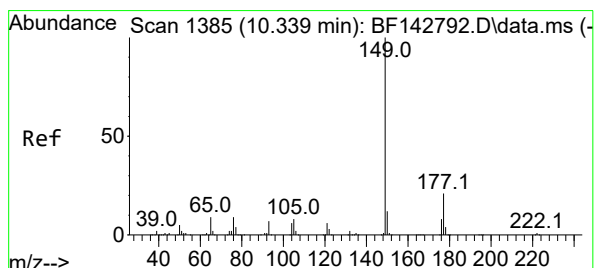
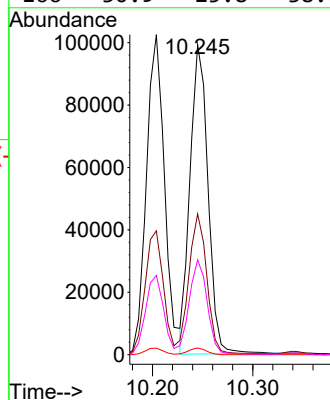
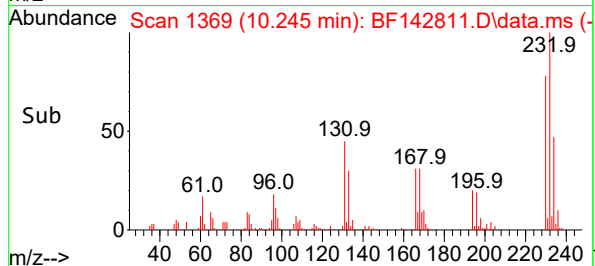
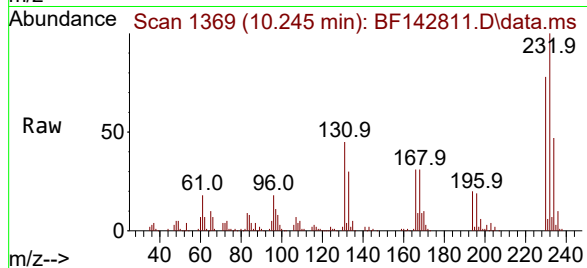




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.190 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

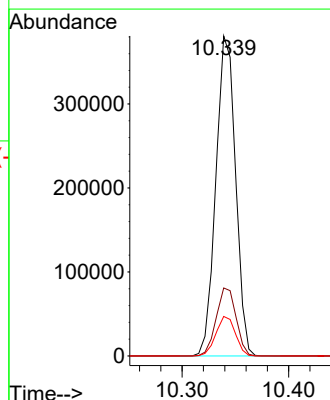
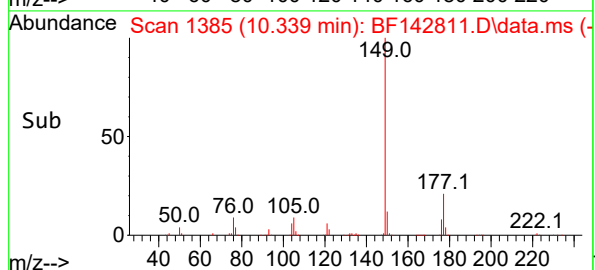
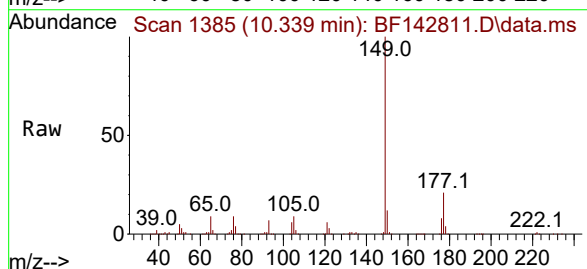
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

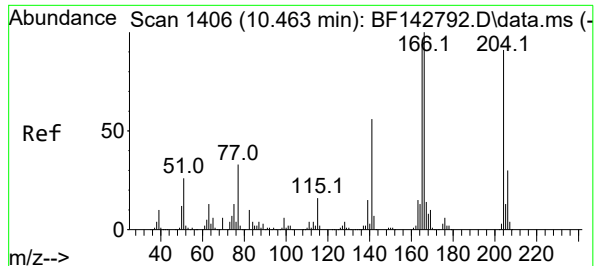
Tgt Ion:232 Resp: 123461
Ion Ratio Lower Upper
232 100
131 46.6 37.6 56.4
130 2.2 1.7 2.5
166 30.9 25.8 38.6



#60
Diethylphthalate
Concen: 42.873 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:149 Resp: 488058
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.3 9.8 14.6

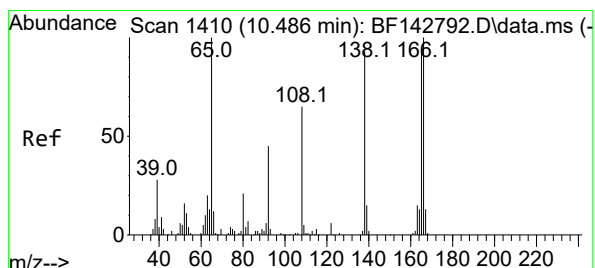
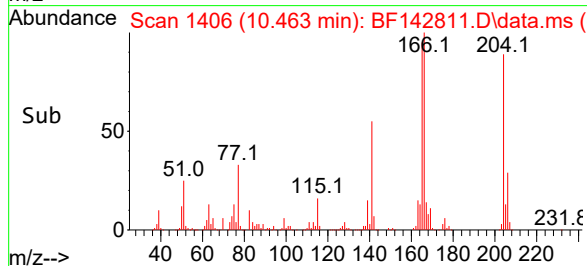
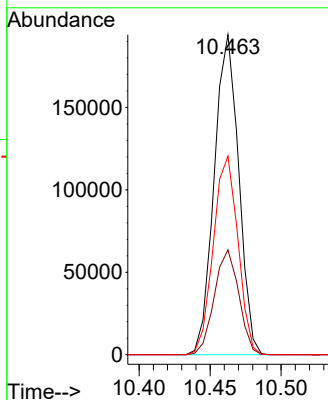
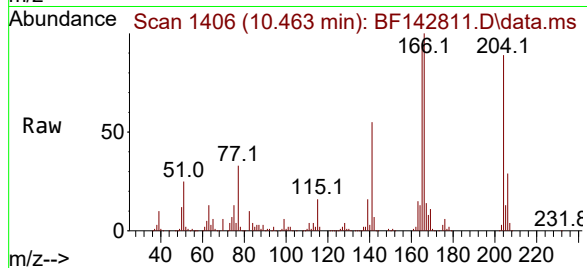




#61
4-Chlorophenyl-phenylether
Concen: 40.750 ng
RT: 10.463 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

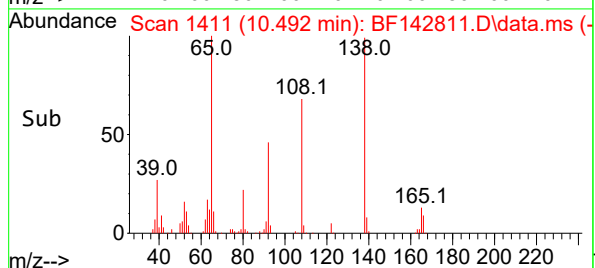
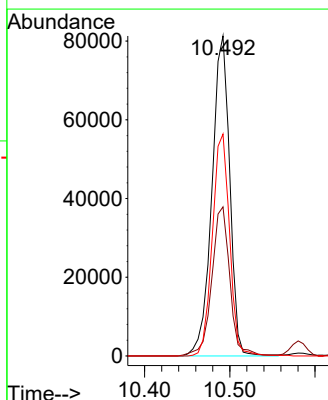
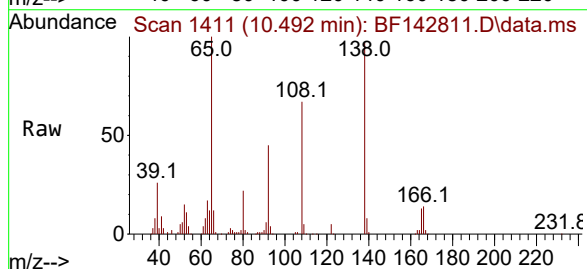
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

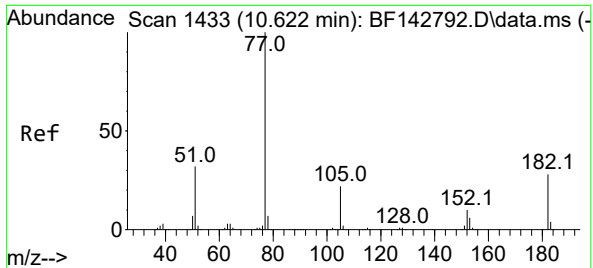
Tgt Ion:204 Resp: 232566
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 62.1 49.1 73.7



#62
4-Nitroaniline
Concen: 45.998 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:138 Resp: 118100
Ion Ratio Lower Upper
138 100
92 46.6 28.4 68.4
108 69.4 50.2 90.2

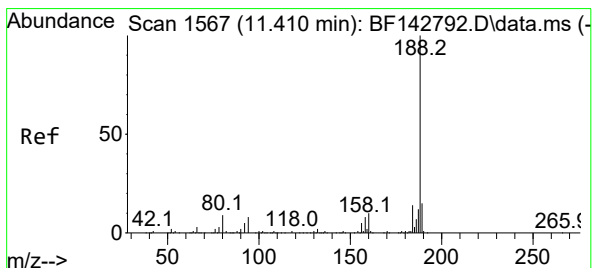
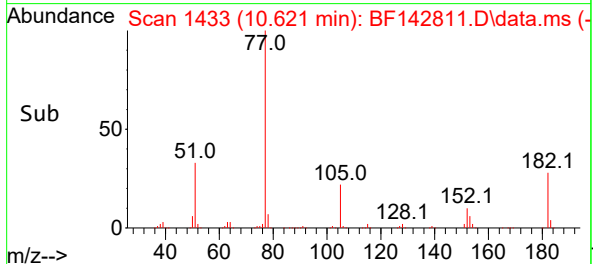
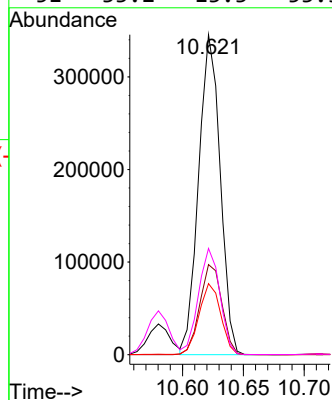
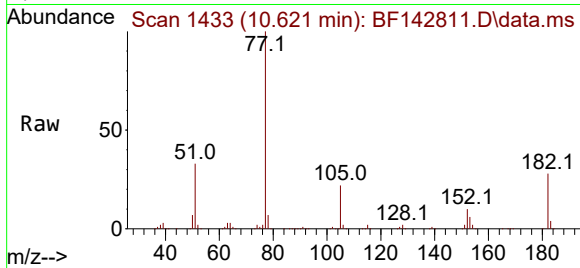




#63
Azobenzene
Concen: 41.858 ng
RT: 10.621 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

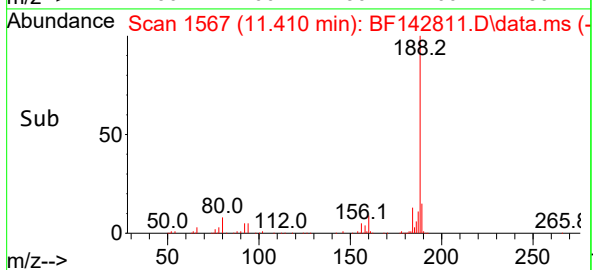
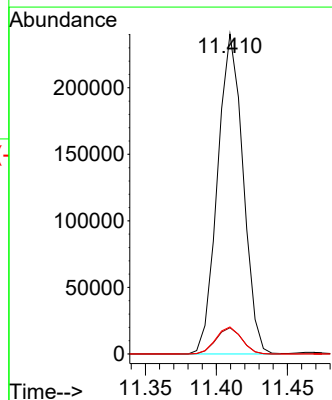
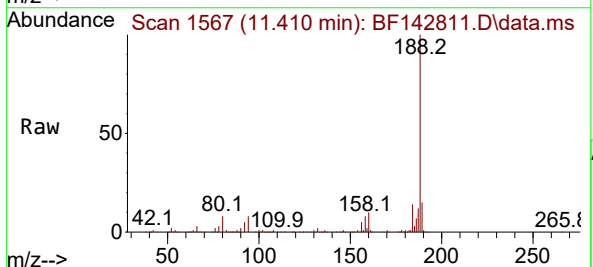
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

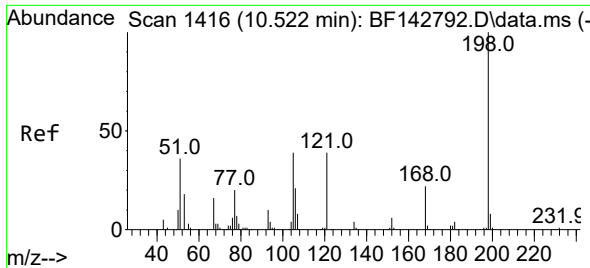
Tgt Ion: 77 Resp: 425881
Ion Ratio Lower Upper
77 100
182 28.1 7.7 47.7
105 22.2 1.9 41.9
51 33.2 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion: 188 Resp: 300319
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.5 6.9 10.3

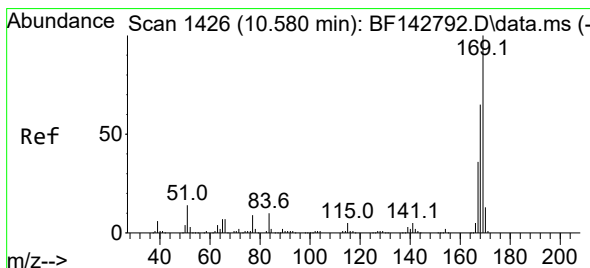
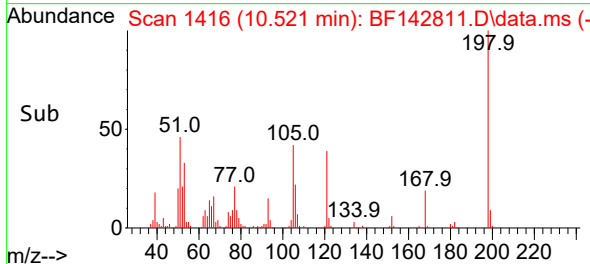
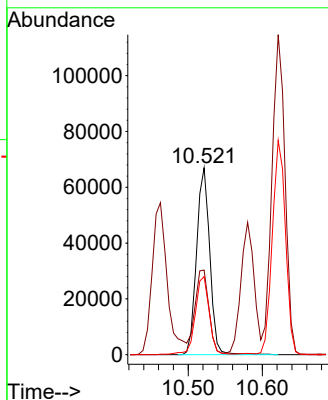
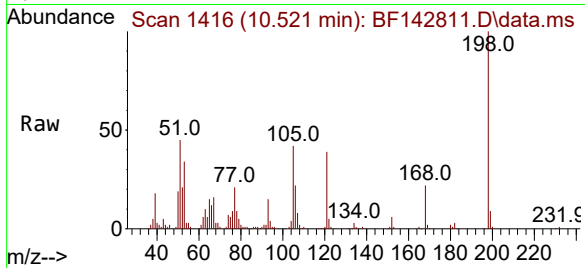




#65
4,6-Dinitro-2-methylphenol
Concen: 45.685 ng
RT: 10.521 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

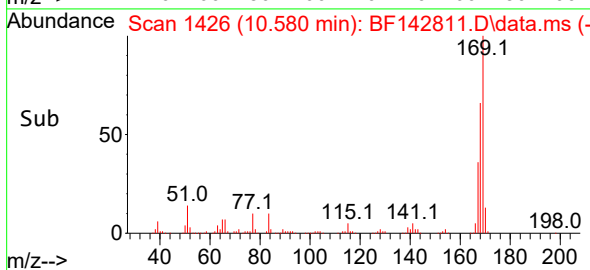
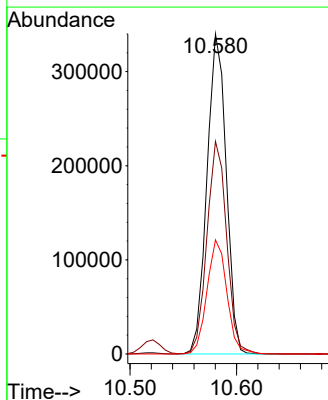
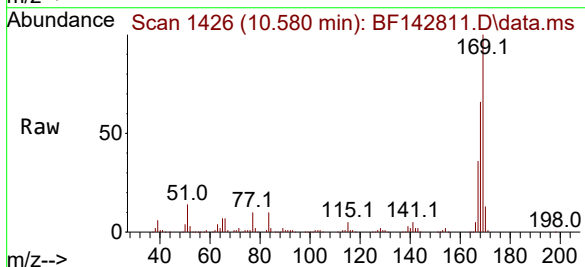
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

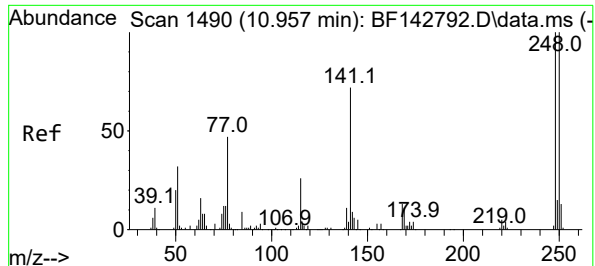
Tgt Ion:198 Resp: 82988
Ion Ratio Lower Upper
198 100
51 45.3 25.4 65.4
105 41.8 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 41.027 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:169 Resp: 427020
Ion Ratio Lower Upper
169 100
168 66.5 51.9 77.9
167 35.6 28.5 42.7

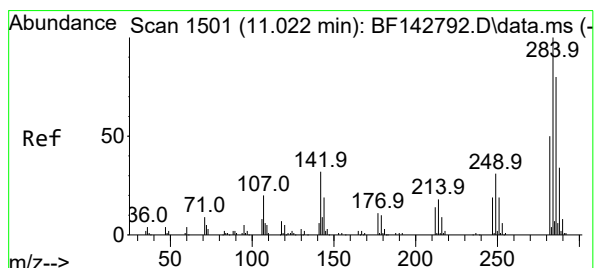
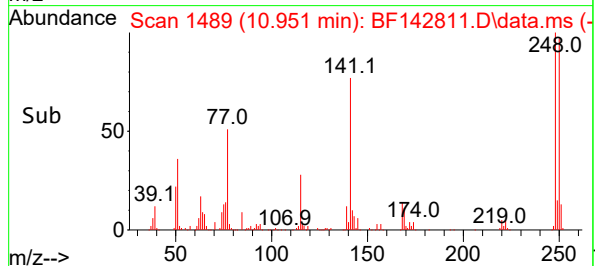
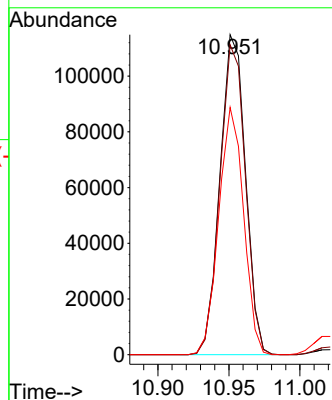
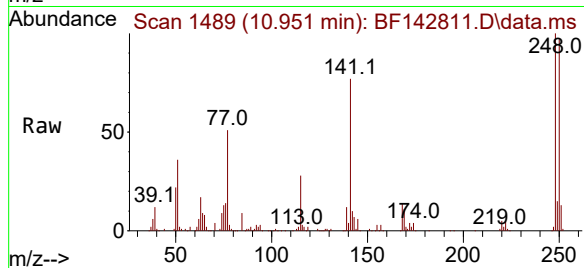




#67
4-Bromophenyl-phenylether
Concen: 42.140 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

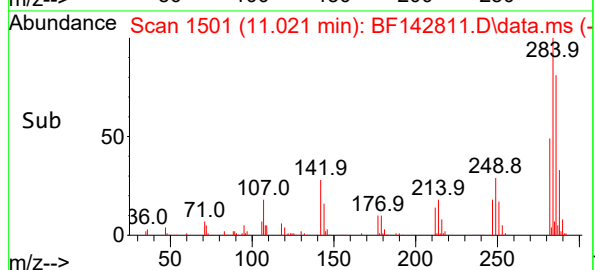
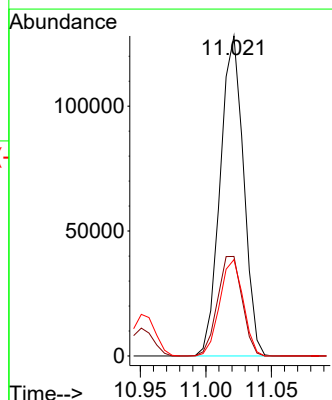
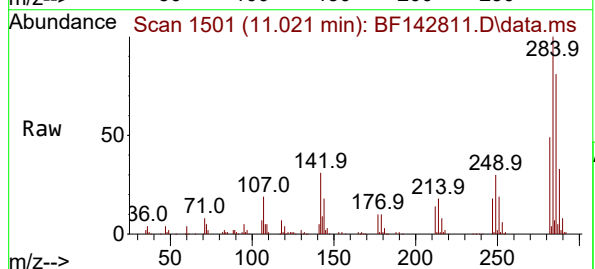
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

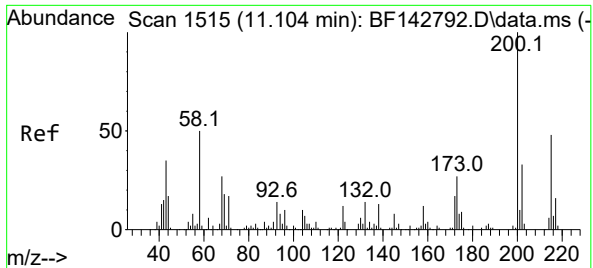
Tgt Ion:248 Resp: 144032
Ion Ratio Lower Upper
248 100
250 96.9 79.8 119.8
141 77.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 41.778 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:284 Resp: 158667
Ion Ratio Lower Upper
284 100
142 31.1 25.5 38.3
249 30.1 24.9 37.3





#69

Atrazine

Concen: 44.569 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

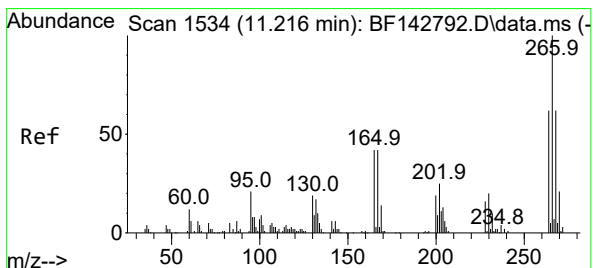
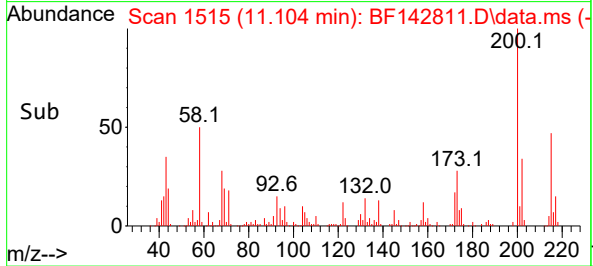
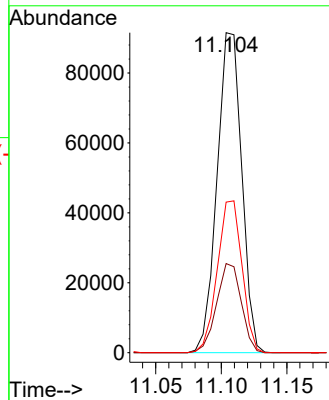
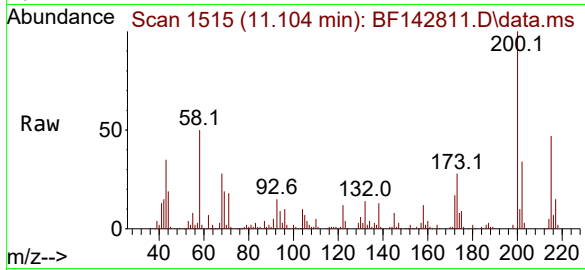
Tgt Ion:200 Resp: 119790

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 47.1 28.4 68.4



#70

Pentachlorophenol

Concen: 45.028 ng

RT: 11.215 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

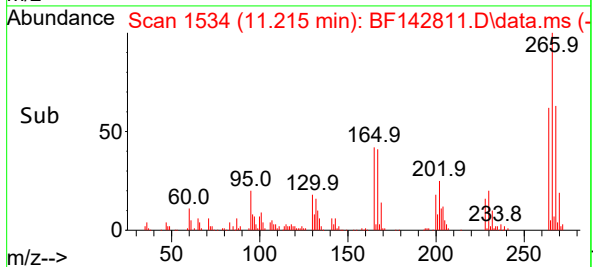
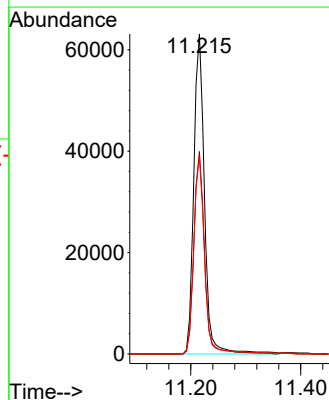
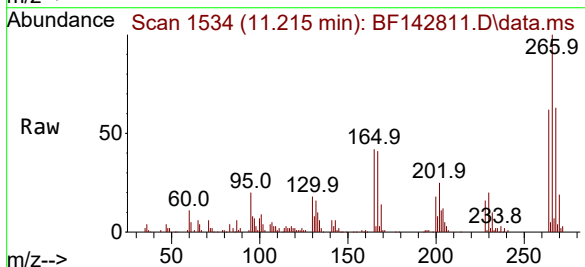
Tgt Ion:266 Resp: 85215

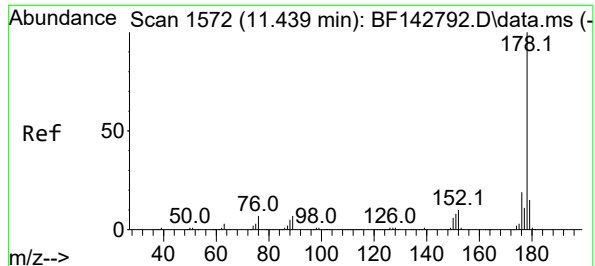
Ion Ratio Lower Upper

266 100

268 63.2 49.8 74.8

264 61.7 49.9 74.9





#71

Phenanthrene

Concen: 41.425 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

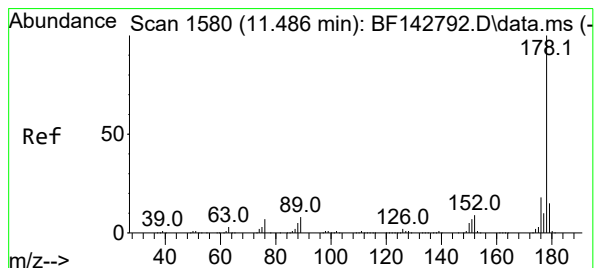
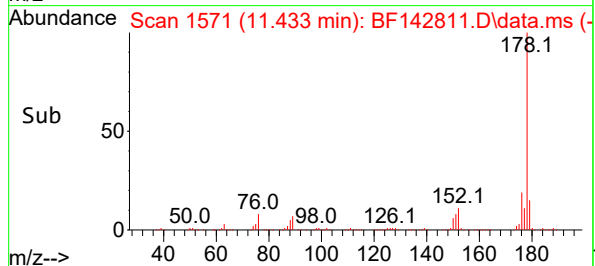
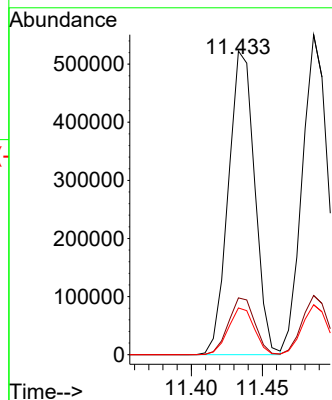
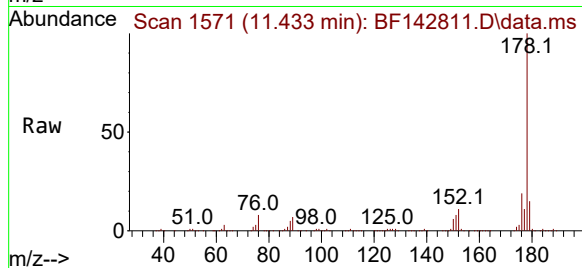
Tgt Ion:178 Resp: 673912

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.4 12.0 18.0



#72

Anthracene

Concen: 41.222 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

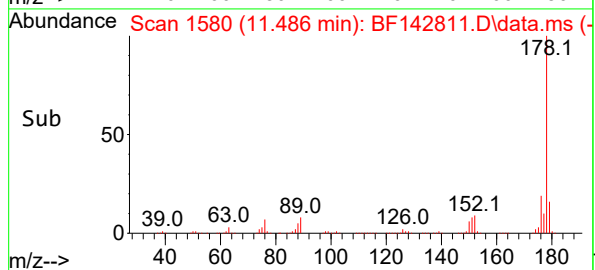
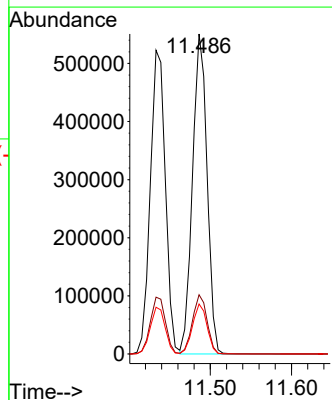
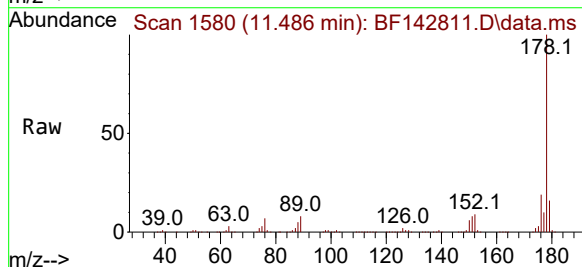
Tgt Ion:178 Resp: 687776

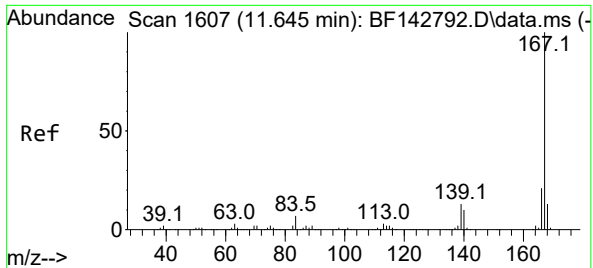
Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

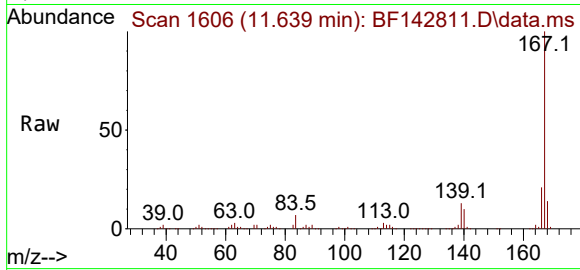
179 15.6 12.4 18.6



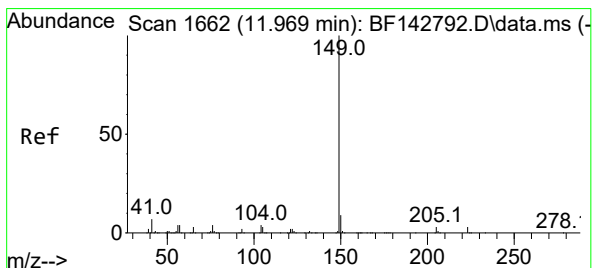
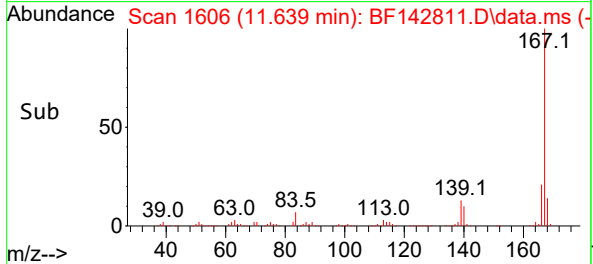
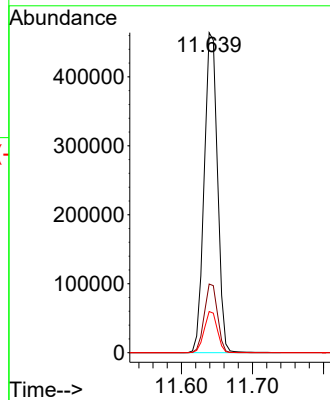


#73
Carbazole
Concen: 42.083 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

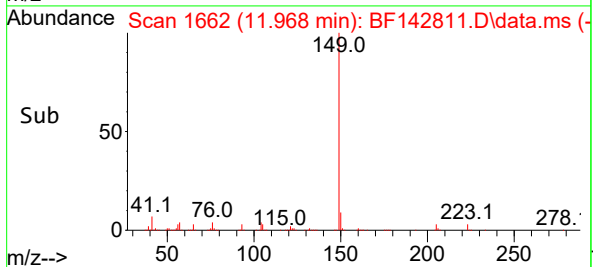
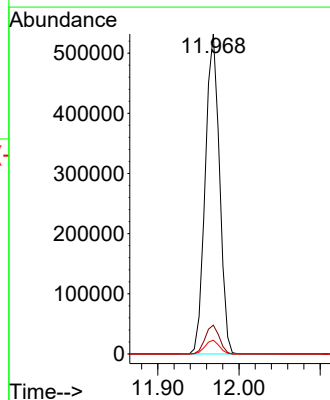
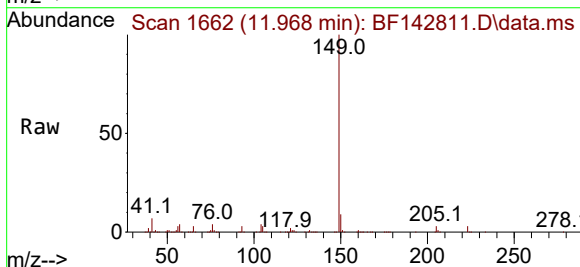


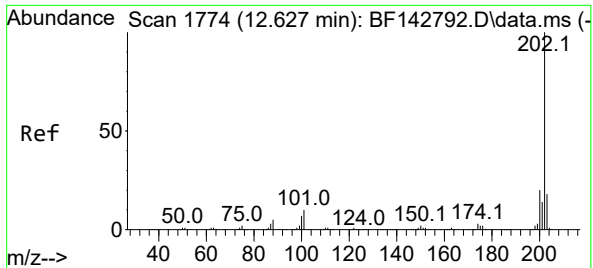
Tgt Ion:167 Resp: 605919
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.4
139 12.8 10.2 15.2



#74
Di-n-butylphthalate
Concen: 43.052 ng
RT: 11.968 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:149 Resp: 645750
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.3 3.5 5.3

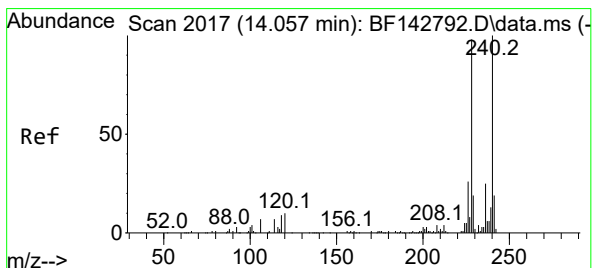
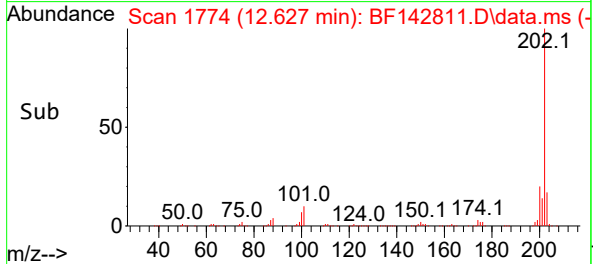
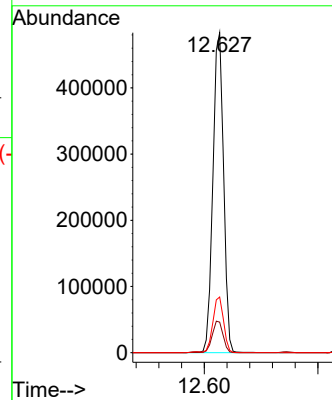
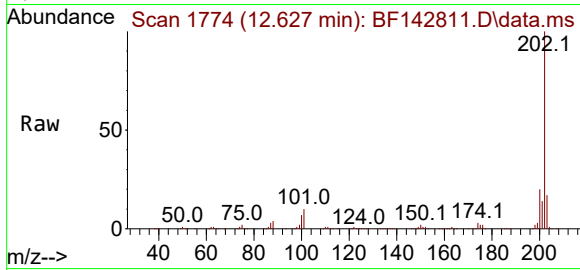




#75
Fluoranthene
Concen: 40.630 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

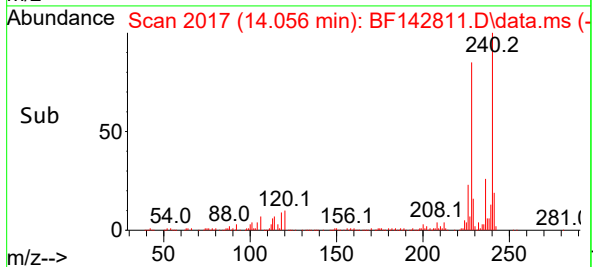
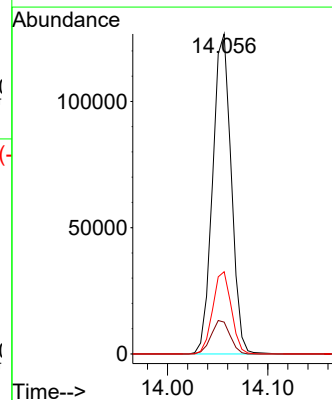
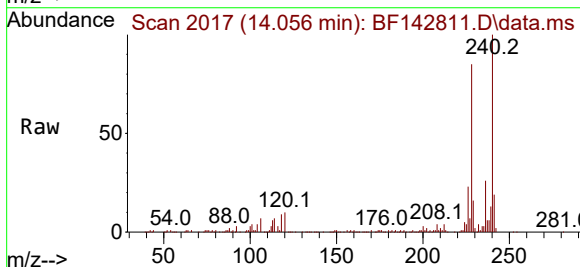
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

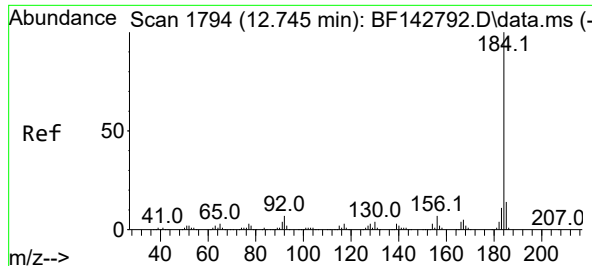
Tgt Ion:202 Resp: 627298
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.056 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:240 Resp: 163667
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.7 19.8 29.8





#77

Benzidine

Concen: 42.912 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

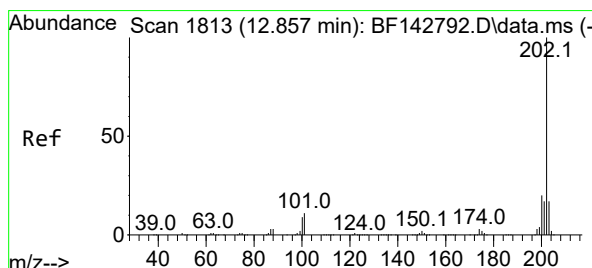
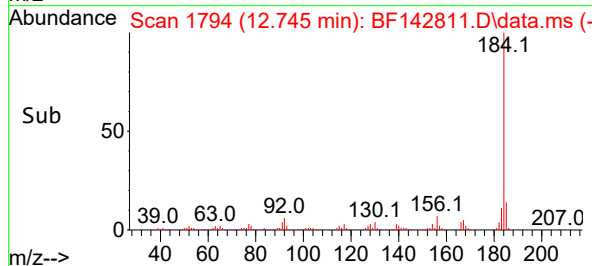
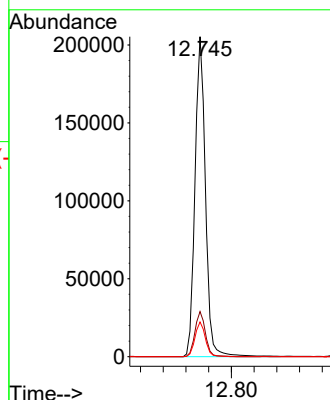
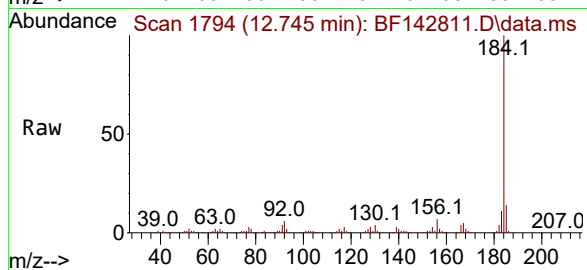
Tgt Ion:184 Resp: 263874

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 10.8 9.0 13.4



#78

Pyrene

Concen: 40.580 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

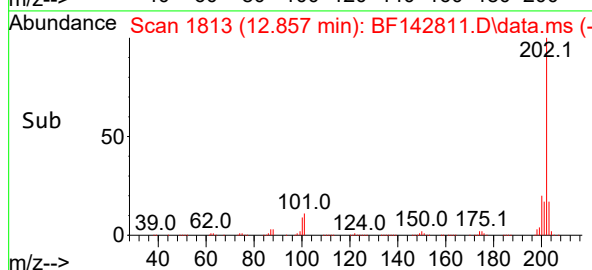
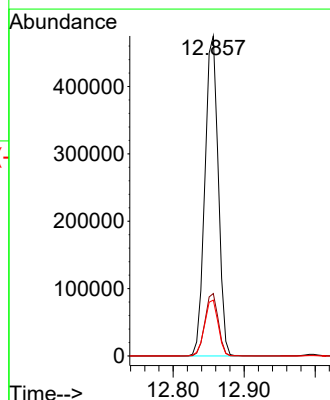
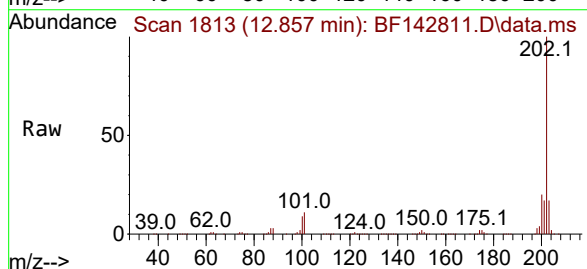
Tgt Ion:202 Resp: 622546

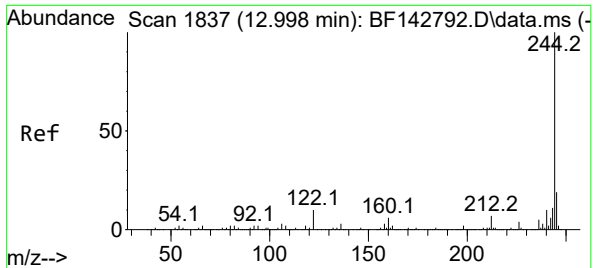
Ion Ratio Lower Upper

202 100

200 19.5 15.7 23.5

203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 77.725 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

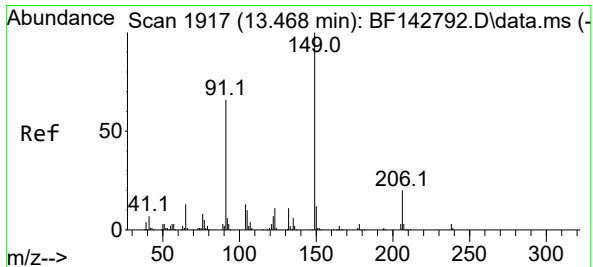
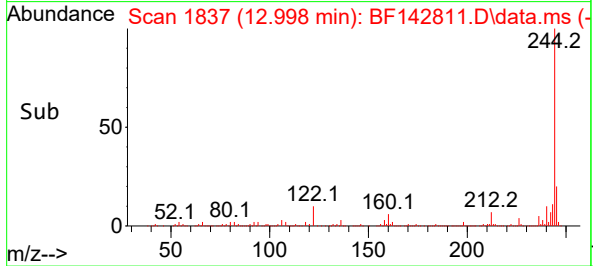
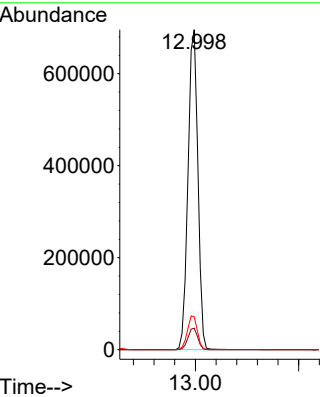
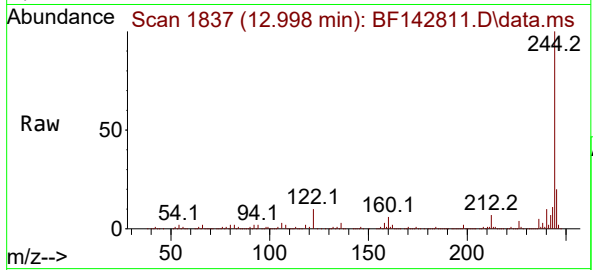
Tgt Ion:244 Resp: 920683

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.3 8.2 12.2



#80

Butylbenzylphthalate

Concen: 43.185 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

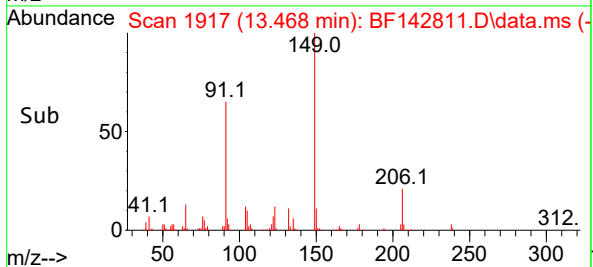
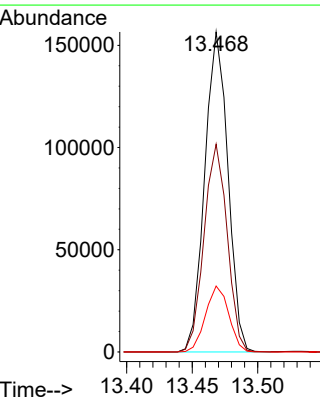
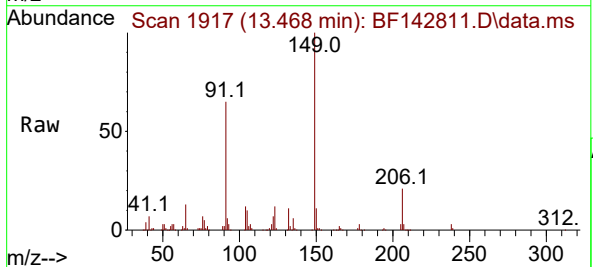
Tgt Ion:149 Resp: 192178

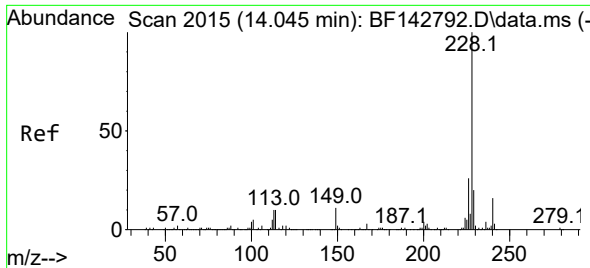
Ion Ratio Lower Upper

149 100

91 64.9 52.9 79.3

206 20.6 16.3 24.5

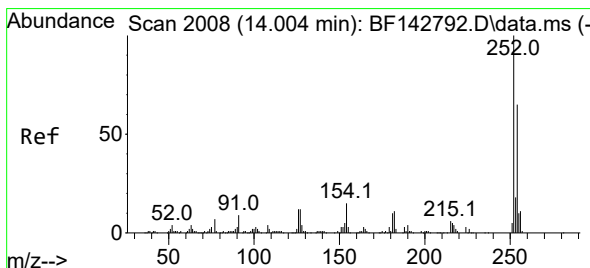
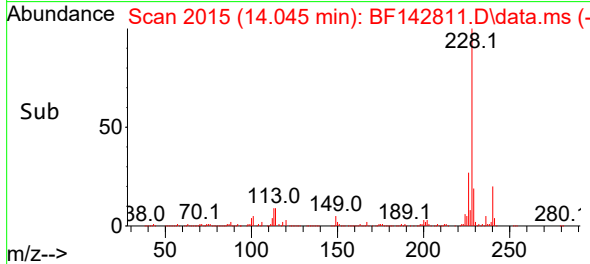
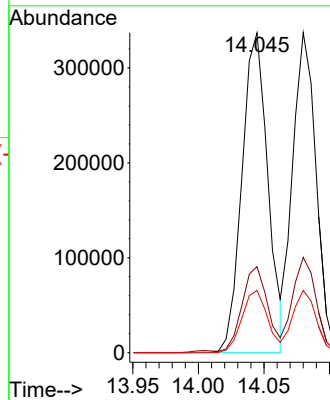
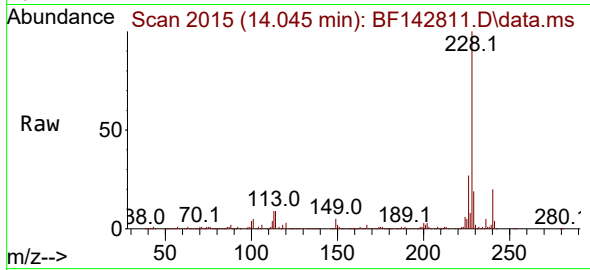




#81
Benzo(a)anthracene
Concen: 41.906 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

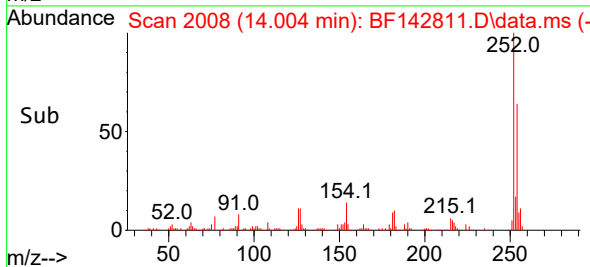
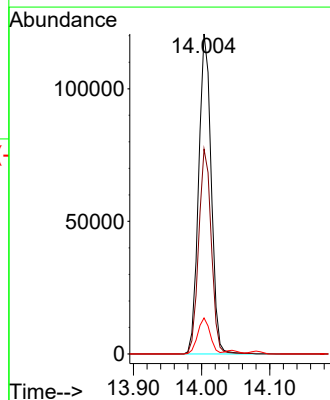
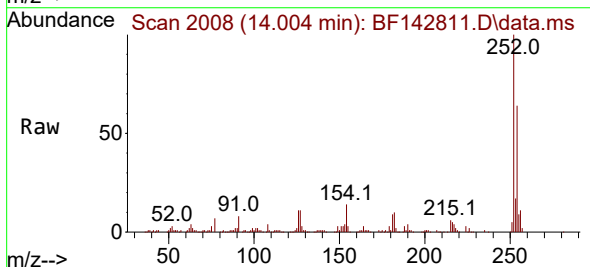
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

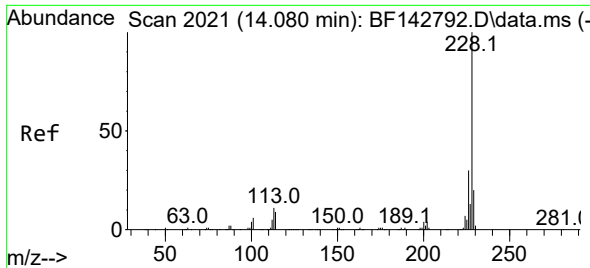
Tgt Ion:228 Resp: 462690
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.4 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 43.156 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:252 Resp: 154551
Ion Ratio Lower Upper
252 100
254 64.0 51.7 77.5
126 11.2 9.4 14.2





#83

Chrysene

Concen: 42.644 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

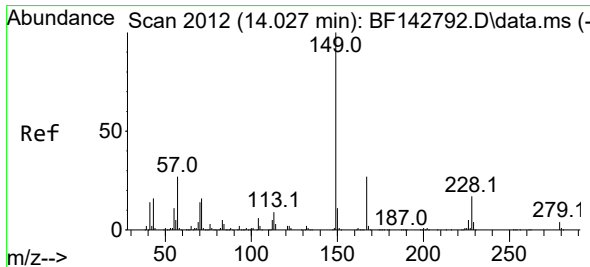
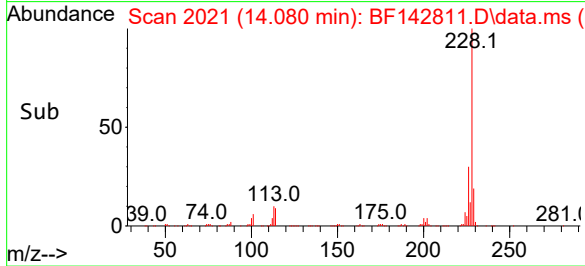
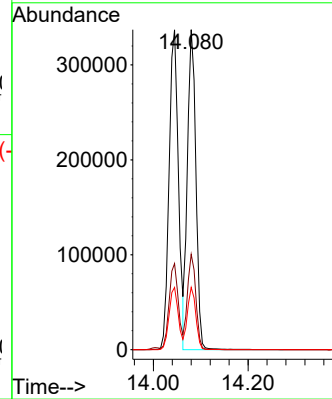
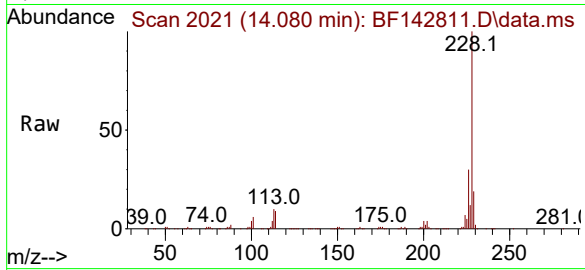
Tgt Ion:228 Resp: 420140

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.250 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

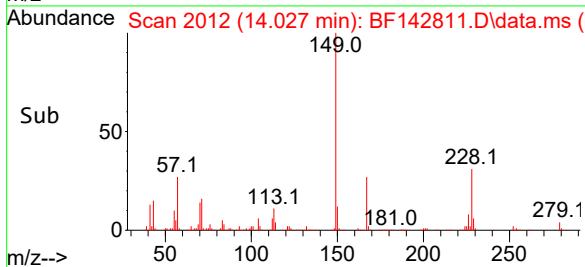
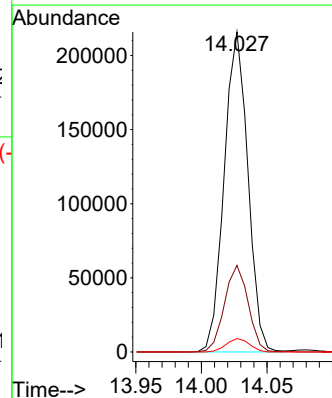
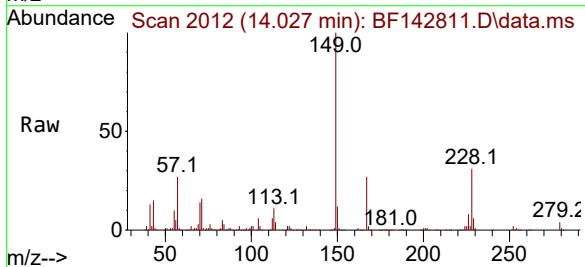
Tgt Ion:149 Resp: 270514

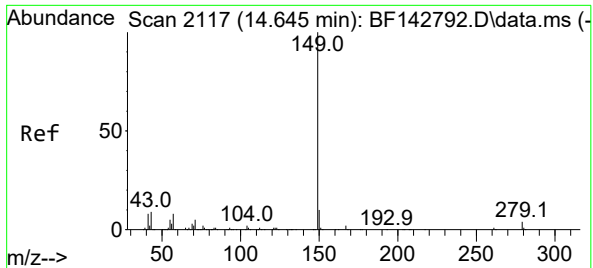
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.0 4.6

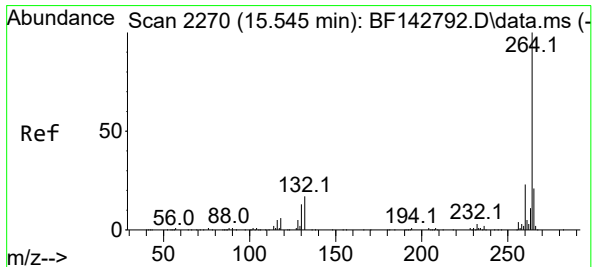
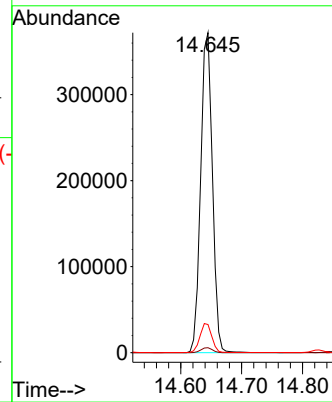
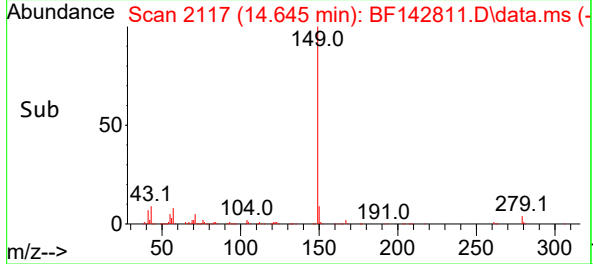
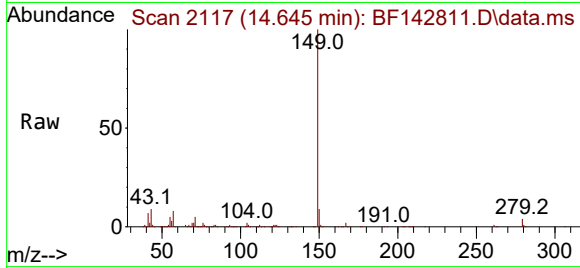




#85
Di-n-octyl phthalate
Concen: 41.181 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

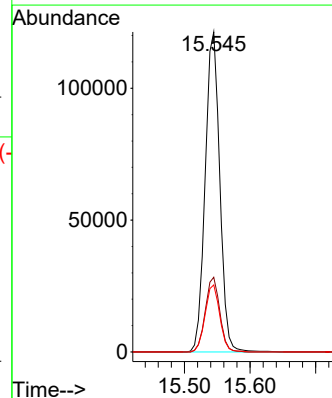
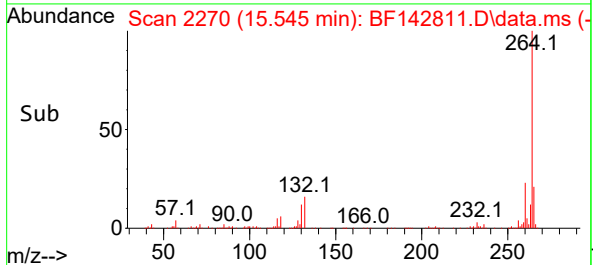
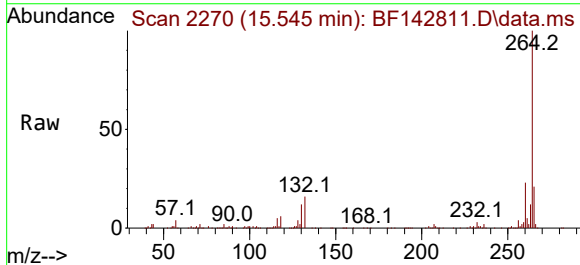
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

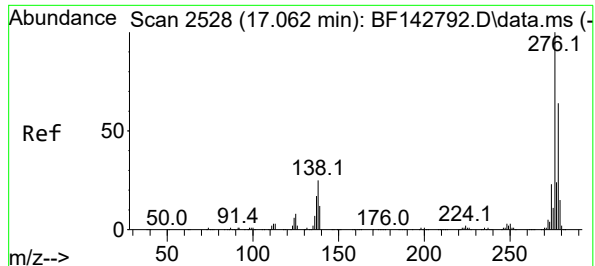
Tgt Ion:149 Resp: 497177
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF142811.D
Acq: 24 Jun 2025 10:16

Tgt Ion:264 Resp: 187854
Ion Ratio Lower Upper
264 100
260 23.3 18.1 27.1
265 20.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.346 ng

RT: 17.056 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

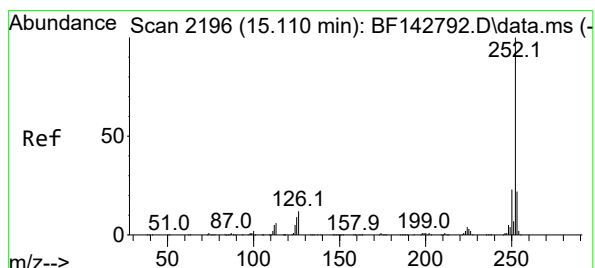
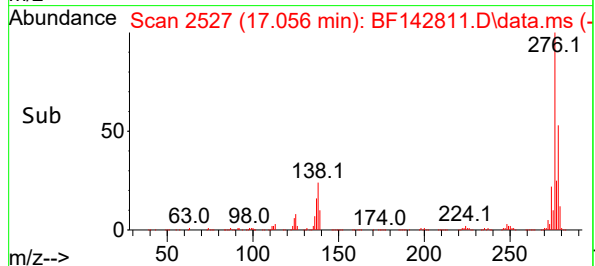
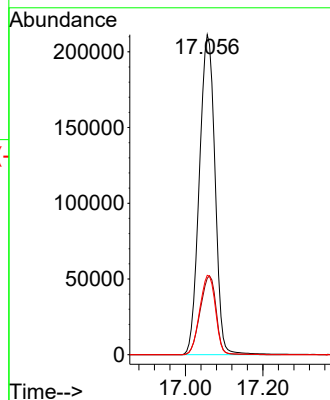
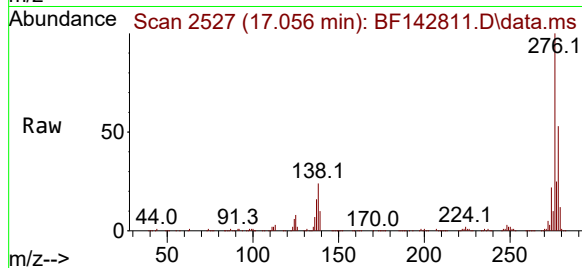
Tgt Ion:276 Resp: 591613

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.4

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 43.932 ng

RT: 15.103 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

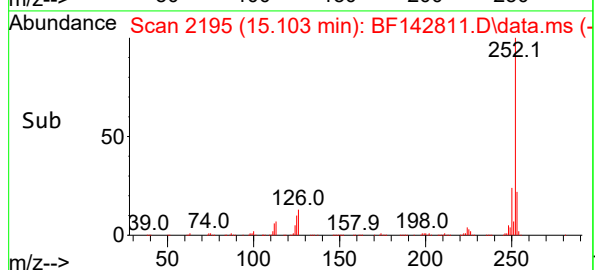
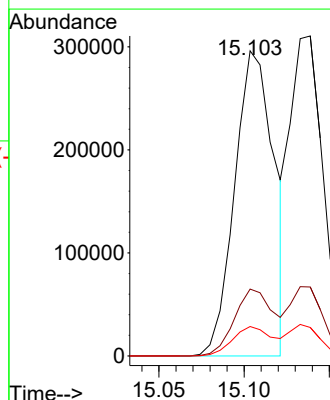
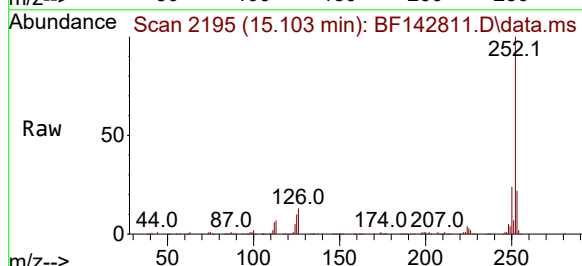
Tgt Ion:252 Resp: 477548

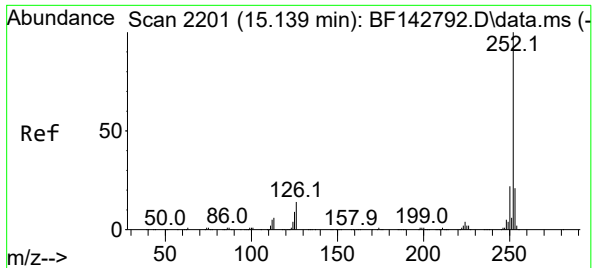
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 41.646 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

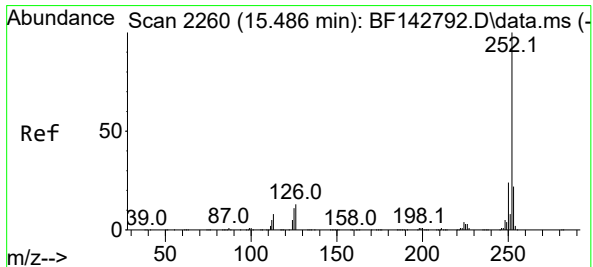
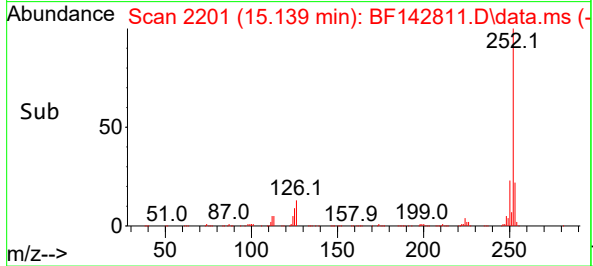
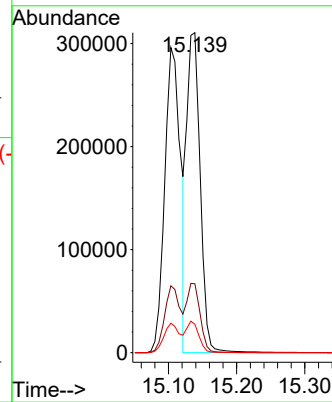
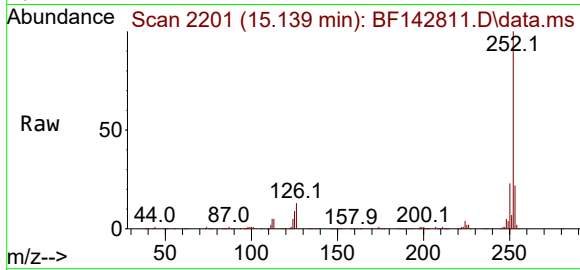
Tgt Ion:252 Resp: 423530

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 8.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 42.856 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

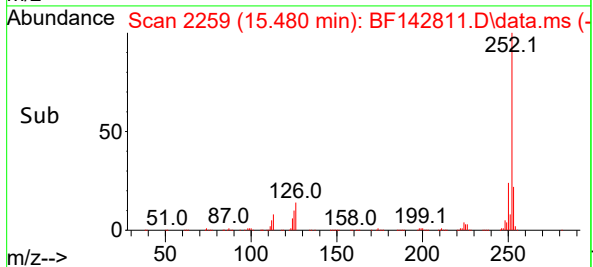
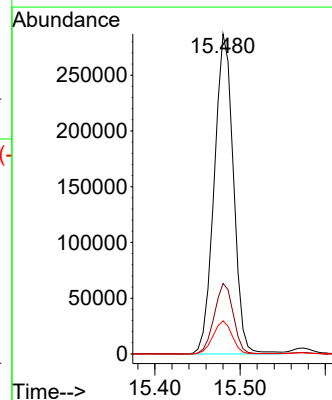
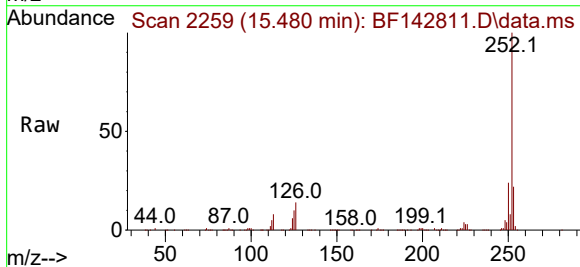
Tgt Ion:252 Resp: 450041

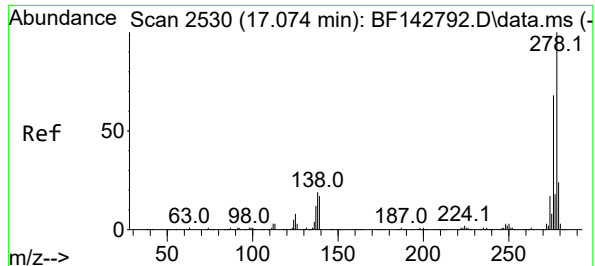
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.4 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 41.007 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

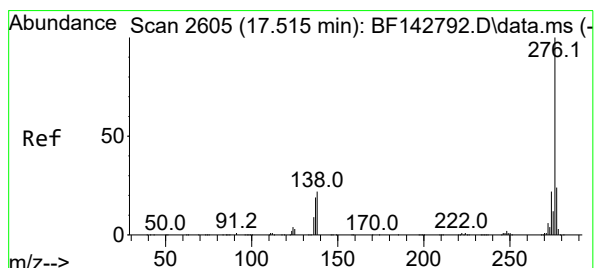
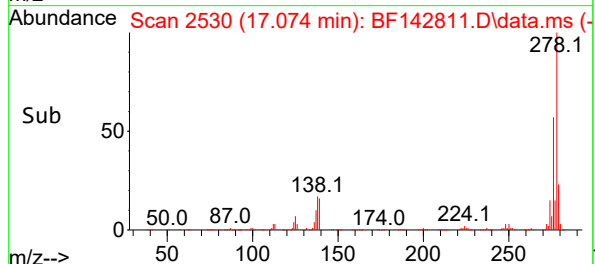
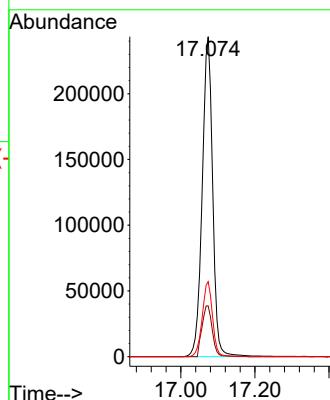
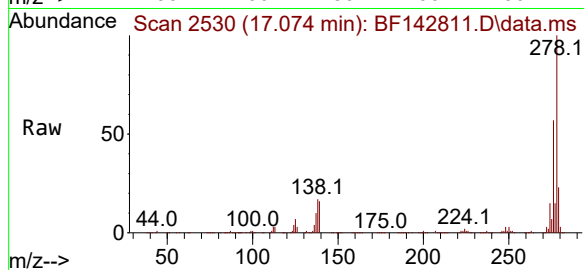
Tgt Ion:278 Resp: 476750

Ion Ratio Lower Upper

278 100

139 15.9 13.5 20.3

279 23.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 41.096 ng

RT: 17.515 min Scan# 2605

Delta R.T. -0.000 min

Lab File: BF142811.D

Acq: 24 Jun 2025 10:16

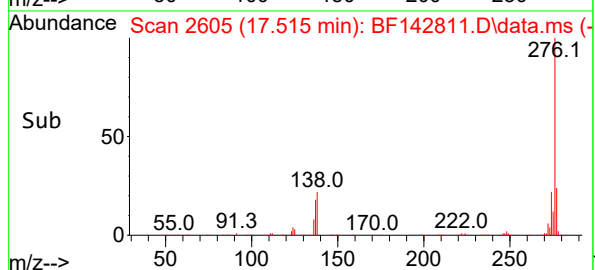
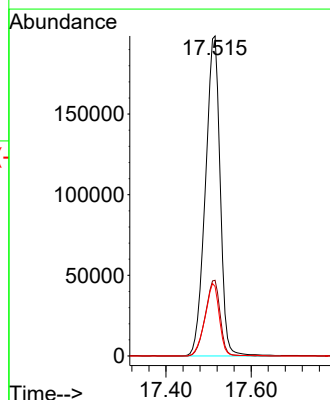
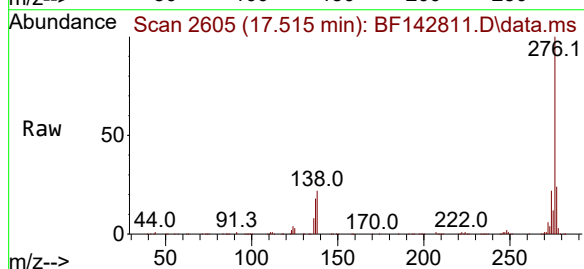
Tgt Ion:276 Resp: 476423

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 21.7 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142811.D
 Acq On : 24 Jun 2025 10:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 24 11:38:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 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	106	0.00
2	1,4-Dioxane	0.480	0.520	-8.3	119	0.00
3	Pyridine	1.205	1.312	-8.9	119	0.00
4	n-Nitrosodimethylamine	0.623	0.665	-6.7	118	0.01
5 S	2-Fluorophenol	1.201	1.291	-7.5	119	0.00
6	Aniline	1.886	2.056	-9.0	119	0.00
7 S	Phenol-d6	1.417	1.525	-7.6	120	0.00
8	2-Chlorophenol	1.296	1.398	-7.9	119	0.00
9	Benzaldehyde	0.841	0.794	5.6	111	0.00
10 C	Phenol	1.575	1.704	-8.2	119	0.00
11	bis(2-Chloroethyl)ether	1.126	1.218	-8.2	120	0.00
12	1,3-Dichlorobenzene	1.449	1.535	-5.9	118	0.00
13 C	1,4-Dichlorobenzene	1.462	1.552	-6.2	116	0.00
14	1,2-Dichlorobenzene	1.387	1.472	-6.1	117	0.00
15	Benzyl Alcohol	1.025	1.126	-9.9	122	0.00
16	2,2'-oxybis(1-Chloropropane	1.809	1.882	-4.0	115	0.00
17	2-Methylphenol	0.982	1.064	-8.4	120	0.00
18	Hexachloroethane	0.511	0.538	-5.3	114	0.00
19 P	n-Nitroso-di-n-propylamine	0.824	0.878	-6.6	118	0.00
20	3+4-Methylphenols	1.224	1.330	-8.7	119	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	107	0.00
22	Acetophenone	0.441	0.464	-5.2	119	0.00
23 S	Nitrobenzene-d5	0.365	0.392	-7.4	119	0.00
24	Nitrobenzene	0.330	0.354	-7.3	119	0.00
25	Isophorone	0.585	0.629	-7.5	121	0.00
26 C	2-Nitrophenol	0.180	0.200	-11.1	120	0.00
27	2,4-Dimethylphenol	0.311	0.334	-7.4	119	0.00
28	bis(2-Chloroethoxy)methane	0.372	0.395	-6.2	119	0.00
29 C	2,4-Dichlorophenol	0.282	0.303	-7.4	119	0.00
30	1,2,4-Trichlorobenzene	0.310	0.325	-4.8	116	0.00
31	Naphthalene	0.979	1.037	-5.9	119	0.00
32	Benzoic acid	0.159	0.189	-18.9	129	0.01
33	4-Chloroaniline	0.398	0.430	-8.0	122	0.00
34 C	Hexachlorobutadiene	0.190	0.198	-4.2	115	0.00
35	Caprolactam	0.075	0.089	-18.7	133	0.00
36 C	4-Chloro-3-methylphenol	0.281	0.306	-8.9	122	0.00
37	2-Methylnaphthalene	0.607	0.642	-5.8	119	0.00
38	1-Methylnaphthalene	0.628	0.669	-6.5	120	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	111	0.00
40	1,2,4,5-Tetrachlorobenzene	0.590	0.606	-2.7	120	0.00
41 P	Hexachlorocyclopentadiene	0.335	0.363	-8.4	119	0.00
42 S	2,4,6-Tribromophenol	0.206	0.220	-6.8	121	0.00
43 C	2,4,6-Trichlorophenol	0.385	0.402	-4.4	122	0.00
44	2,4,5-Trichlorophenol	0.405	0.431	-6.4	122	0.00
45 S	2-Fluorobiphenyl	1.522	1.513	0.6	117	0.00
46	1,1'-Biphenyl	1.580	1.627	-3.0	120	0.00
47	2-Chloronaphthalene	1.186	1.226	-3.4	120	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142811.D
 Acq On : 24 Jun 2025 10:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 24 11:38:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 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	0.332	0.365	-9.9	125	0.00
49	Acenaphthylene	1.952	2.032	-4.1	121	0.00
50	Dimethylphthalate	1.295	1.370	-5.8	123	0.00
51	2,6-Dinitrotoluene	0.284	0.307	-8.1	123	0.00
52 C	Acenaphthene	1.191	1.256	-5.5	122	0.00
53	3-Nitroaniline	0.313	0.349	-11.5	128	0.00
54 P	2,4-Dinitrophenol	0.142	0.166	-16.9	130	0.00
55	Dibenzofuran	1.708	1.783	-4.4	121	0.00
56 P	4-Nitrophenol	0.214	0.246	-15.0	131	0.00
57	2,4-Dinitrotoluene	0.378	0.420	-11.1	127	0.00
58	Fluorene	1.334	1.373	-2.9	121	0.00
59	2,3,4,6-Tetrachlorophenol	0.326	0.344	-5.5	122	0.00
60	Diethylphthalate	1.269	1.361	-7.2	124	0.00
61	4-Chlorophenyl-phenylether	0.636	0.648	-1.9	120	0.00
62	4-Nitroaniline	0.286	0.329	-15.0	134	0.00
63	Azobenzene	1.134	1.187	-4.7	122	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	114	0.00
65	4,6-Dinitro-2-methylphenol	0.121	0.138	-14.0	132	0.00
66 c	n-Nitrosodiphenylamine	0.693	0.711	-2.6	121	0.00
67	4-Bromophenyl-phenylether	0.228	0.240	-5.3	125	0.00
68	Hexachlorobenzene	0.253	0.264	-4.3	125	0.00
69	Atrazine	0.179	0.199	-11.2	131	0.00
70 C	Pentachlorophenol	0.126	0.142	-12.7	129	0.00
71	Phenanthrene	1.083	1.122	-3.6	124	0.00
72	Anthracene	1.111	1.145	-3.1	123	0.00
73	Carbazole	0.959	1.009	-5.2	128	0.00
74	Di-n-butylphthalate	0.999	1.075	-7.6	130	0.00
75 C	Fluoranthene	1.028	1.044	-1.6	125	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77	Benzydine	0.751	0.806	-7.3	120	0.00
78	Pyrene	1.875	1.902	-1.4	125	0.00
79 S	Terphenyl-d14	1.447	1.406	2.8	122	0.00
80	Butylbenzylphthalate	0.544	0.587	-7.9	123	0.00
81	Benzo(a)anthracene	1.349	1.414	-4.8	128	0.00
82	3,3'-Dichlorobenzidine	0.438	0.472	-7.8	127	0.00
83	Chrysene	1.204	1.284	-6.6	127	0.00
84	Bis(2-ethylhexyl)phthalate	0.782	0.826	-5.6	118	0.00
85 c	Di-n-octyl phthalate	1.475	1.519	-3.0	119	0.00
86 I	Perylene-d12	1.000	1.000	0.0	110	0.00
87	Indeno(1,2,3-cd)pyrene	1.523	1.575	-3.4	118	0.00
88	Benzo(b)fluoranthene	1.157	1.271	-9.9	131	0.00
89	Benzo(k)fluoranthene	1.083	1.127	-4.1	120	0.00
90 C	Benzo(a)pyrene	1.118	1.198	-7.2	124	0.00
91	Dibenzo(a,h)anthracene	1.238	1.269	-2.5	119	0.00
92	Benzo(g,h,i)perylene	1.234	1.268	-2.8	118	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142811.D
Acq On : 24 Jun 2025 10:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 24 11:38:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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\BF062425\
 Data File : BF142811.D
 Acq On : 24 Jun 2025 10:16
 Operator : RC/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	106	0.00
2	1,4-Dioxane	40.000	43.318	-8.3	119	0.00
3	Pyridine	40.000	43.555	-8.9	119	0.00
4	n-Nitrosodimethylamine	40.000	42.733	-6.8	118	0.01
5 S	2-Fluorophenol	80.000	85.974	-7.5	119	0.00
6	Aniline	40.000	43.612	-9.0	119	0.00
7 S	Phenol-d6	80.000	86.066	-7.6	120	0.00
8	2-Chlorophenol	40.000	43.161	-7.9	119	0.00
9	Benzaldehyde	40.000	37.794	5.5	111	0.00
10 C	Phenol	40.000	43.259	-8.1	119	0.00
11	bis(2-Chloroethyl)ether	40.000	43.260	-8.1	120	0.00
12	1,3-Dichlorobenzene	40.000	42.358	-5.9	118	0.00
13 C	1,4-Dichlorobenzene	40.000	42.449	-6.1	116	0.00
14	1,2-Dichlorobenzene	40.000	42.450	-6.1	117	0.00
15	Benzyl Alcohol	40.000	43.954	-9.9	122	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.607	-4.0	115	0.00
17	2-Methylphenol	40.000	43.355	-8.4	120	0.00
18	Hexachloroethane	40.000	42.065	-5.2	114	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	42.594	-6.5	118	0.00
20	3+4-Methylphenols	40.000	43.463	-8.7	119	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	107	0.00
22	Acetophenone	40.000	42.065	-5.2	119	0.00
23 S	Nitrobenzene-d5	80.000	86.048	-7.6	119	0.00
24	Nitrobenzene	40.000	42.892	-7.2	119	0.00
25	Isophorone	40.000	43.017	-7.5	121	0.00
26 C	2-Nitrophenol	40.000	44.426	-11.1	120	0.00
27	2,4-Dimethylphenol	40.000	42.887	-7.2	119	0.00
28	bis(2-Chloroethoxy)methane	40.000	42.485	-6.2	119	0.00
29 C	2,4-Dichlorophenol	40.000	42.933	-7.3	119	0.00
30	1,2,4-Trichlorobenzene	40.000	41.857	-4.6	116	0.00
31	Naphthalene	40.000	42.387	-6.0	119	0.00
32	Benzoic acid	40.000	47.690	-19.2	129	0.01
33	4-Chloroaniline	40.000	43.241	-8.1	122	0.00
34 C	Hexachlorobutadiene	40.000	41.657	-4.1	115	0.00
35	Caprolactam	40.000	47.805	-19.5	133	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.575	-8.9	122	0.00
37	2-Methylnaphthalene	40.000	42.288	-5.7	119	0.00
38	1-Methylnaphthalene	40.000	42.617	-6.5	120	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	111	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.047	-2.6	120	0.00
41 P	Hexachlorocyclopentadiene	40.000	43.326	-8.3	119	0.00
42 S	2,4,6-Tribromophenol	80.000	85.321	-6.7	121	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.837	-4.6	122	0.00
44	2,4,5-Trichlorophenol	40.000	42.597	-6.5	122	0.00
45 S	2-Fluorobiphenyl	80.000	79.482	0.6	117	0.00
46	1,1'-Biphenyl	40.000	41.200	-3.0	120	0.00
47	2-Chloronaphthalene	40.000	41.367	-3.4	120	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142811.D
 Acq On : 24 Jun 2025 10:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 24 11:38:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 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	43.907	-9.8	125	0.00
49	Acenaphthylene	40.000	41.654	-4.1	121	0.00
50	Dimethylphthalate	40.000	42.321	-5.8	123	0.00
51	2,6-Dinitrotoluene	40.000	43.151	-7.9	123	0.00
52 C	Acenaphthene	40.000	42.190	-5.5	122	0.00
53	3-Nitroaniline	40.000	44.627	-11.6	128	0.00
54 P	2,4-Dinitrophenol	40.000	46.693	-16.7	130	0.00
55	Dibenzofuran	40.000	41.762	-4.4	121	0.00
56 P	4-Nitrophenol	40.000	45.954	-14.9	131	0.00
57	2,4-Dinitrotoluene	40.000	44.512	-11.3	127	0.00
58	Fluorene	40.000	41.167	-2.9	121	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.190	-5.5	122	0.00
60	Diethylphthalate	40.000	42.873	-7.2	124	0.00
61	4-Chlorophenyl-phenylether	40.000	40.750	-1.9	120	0.00
62	4-Nitroaniline	40.000	45.998	-15.0	134	0.00
63	Azobenzene	40.000	41.858	-4.6	122	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	114	0.00
65	4,6-Dinitro-2-methylphenol	40.000	45.685	-14.2	132	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.027	-2.6	121	0.00
67	4-Bromophenyl-phenylether	40.000	42.140	-5.4	125	0.00
68	Hexachlorobenzene	40.000	41.778	-4.4	125	0.00
69	Atrazine	40.000	44.569	-11.4	131	0.00
70 C	Pentachlorophenol	40.000	45.028	-12.6	129	0.00
71	Phenanthrene	40.000	41.425	-3.6	124	0.00
72	Anthracene	40.000	41.222	-3.1	123	0.00
73	Carbazole	40.000	42.083	-5.2	128	0.00
74	Di-n-butylphthalate	40.000	43.052	-7.6	130	0.00
75 C	Fluoranthene	40.000	40.630	-1.6	125	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77	Benzydine	40.000	42.912	-7.3	120	0.00
78	Pyrene	40.000	40.580	-1.4	125	0.00
79 S	Terphenyl-d14	80.000	77.725	2.8	122	0.00
80	Butylbenzylphthalate	40.000	43.185	-8.0	123	0.00
81	Benzo(a)anthracene	40.000	41.906	-4.8	128	0.00
82	3,3'-Dichlorobenzidine	40.000	43.156	-7.9	127	0.00
83	Chrysene	40.000	42.644	-6.6	127	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	42.250	-5.6	118	0.00
85 c	Di-n-octyl phthalate	40.000	41.181	-3.0	119	0.00
86 I	Perylene-d12	20.000	20.000	0.0	110	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.346	-3.4	118	0.00
88	Benzo(b)fluoranthene	40.000	43.932	-9.8	131	0.00
89	Benzo(k)fluoranthene	40.000	41.646	-4.1	120	0.00
90 C	Benzo(a)pyrene	40.000	42.856	-7.1	124	0.00
91	Dibenzo(a,h)anthracene	40.000	41.007	-2.5	119	0.00
92	Benzo(g,h,i)perylene	40.000	41.096	-2.7	118	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142811.D
Acq On : 24 Jun 2025 10:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 24 11:38:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/25/2025 13:25

Lab File ID: BF142834.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.310		9.1	
Benzaldehyde	0.841	1.601		90.4	
Phenol-d6	1.417	1.498		5.7	
bis(2-Chloroethyl)ether	1.126	1.187		5.4	
2,2-oxybis(1-Chloropropane)	1.809	1.824		0.8	
Acetophenone	0.441	0.485		10.0	
n-Nitroso-di-n-propylamine	0.824	0.810	0.050	-1.7	
Nitrobenzene-d5	0.365	0.429		17.5	
Hexachloroethane	0.511	0.536		4.9	
Nitrobenzene	0.330	0.360		9.1	
Isophorone	0.585	0.564		-3.6	
bis(2-Chloroethoxy)methane	0.372	0.395		6.2	
Naphthalene	0.979	1.102		12.6	
4-Chloroaniline	0.398	0.363		-8.8	
Hexachlorobutadiene	0.190	0.213		12.1	20.0
Caprolactam	0.075	0.076		1.3	
2-Methylnaphthalene	0.607	0.706		16.3	
Hexachlorocyclopentadiene	0.335	0.399	0.050	19.1	
2-Fluorobiphenyl	1.522	1.796		18.0	
1,1-Biphenyl	1.580	1.785		13.0	
2-Chloronaphthalene	1.186	1.311		10.5	
2-Nitroaniline	0.332	0.349		5.1	
Dimethylphthalate	1.295	1.402		8.3	
Acenaphthylene	1.952	2.014		3.2	
2,6-Dinitrotoluene	0.284	0.309		8.8	
3-Nitroaniline	0.313	0.321		2.6	
Acenaphthene	1.191	1.337		12.3	20.0
Dibenzofuran	1.708	1.910		11.8	
2,4-Dinitrotoluene	0.378	0.393		4.0	
Diethylphthalate	1.269	1.419		11.8	
4-Chlorophenyl-phenylether	0.636	0.688		8.2	
Fluorene	1.334	1.434		7.5	
4-Nitroaniline	0.286	0.307		7.3	
n-Nitrosodiphenylamine	0.693	0.758		9.4	20.0
2,4,6-Tribromophenol	0.206	0.217		5.3	
4-Bromophenyl-phenylether	0.228	0.259		13.6	
Hexachlorobenzene	0.253	0.277		9.5	
Atrazine	0.179	0.201		12.3	
Phenanthrene	1.083	1.190		9.9	



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.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/25/2025 13:25

Lab File ID: BF142834.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.111	1.171		5.4	
Carbazole	0.959	1.070		11.6	
Di-n-butylphthalate	0.999	1.304		30.5	
Fluoranthene	1.028	1.225		19.2	20.0
Pyrene	1.875	1.558		-16.9	
Terphenyl-d14	1.447	1.279		-11.6	
Butylbenzylphthalate	0.544	0.670		23.2	
3,3-Dichlorobenzidine	0.438	0.471		7.5	
Benzo(a)anthracene	1.349	1.494		10.7	
Chrysene	1.204	1.301		8.1	
Bis(2-ethylhexyl)phthalate	0.782	1.016		29.9	
Di-n-octyl phthalate	1.475	1.826		23.8	20.0
Benzo(b)fluoranthene	1.157	1.366		18.1	
Benzo(k)fluoranthene	1.083	1.131		4.4	
Benzo(a)pyrene	1.118	1.144		2.3	20.0
Indeno(1,2,3-cd)pyrene	1.523	1.533		0.7	
Dibenzo(a,h)anthracene	1.238	1.245		0.6	
Benzo(g,h,i)perylene	1.234	1.274		3.2	
1,2,4,5-Tetrachlorobenzene	0.590	0.700		18.6	
1,4-Dioxane	0.480	0.501		4.4	20.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142834.D
 Acq On : 25 Jun 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 25 14:10:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	62666	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	217016	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	105351	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	165051	20.000	ng	0.00
76) Chrysene-d12	14.057	240	130450	20.000	ng	0.00
86) Perylene-d12	15.551	264	161869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	328466	87.268	ng	0.00
7) Phenol-d6	6.510	99	375586	84.579	ng	0.00
23) Nitrobenzene-d5	7.445	82	372510	94.152	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	91255	84.173	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	757016	94.396	ng	0.00
79) Terphenyl-d14	12.998	244	667218	70.670	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	62751	41.682	ng	99
3) Pyridine	3.393	79	155870	41.299	ng	98
4) n-Nitrosodimethylamine	3.334	42	81166	41.588	ng	99
6) Aniline	6.539	93	182298	30.853	ng	96
8) 2-Chlorophenol	6.663	128	172698	42.535	ng	99
9) Benzaldehyde	6.428	77	200638	76.157	ng	97
10) Phenol	6.522	94	201697	40.861	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	148747	42.163	ng	97
12) 1,3-Dichlorobenzene	6.822	146	192285	42.346	ng	99
13) 1,4-Dichlorobenzene	6.898	146	191969	41.902	ng	98
14) 1,2-Dichlorobenzene	7.051	146	179627	41.338	ng	99
15) Benzyl Alcohol	7.022	79	133269	41.513	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	228661	40.342	ng	98
17) 2-Methylphenol	7.128	107	122767	39.900	ng	99
18) Hexachloroethane	7.392	117	67123	41.888	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	101541	39.316	ng	99
20) 3+4-Methylphenols	7.286	107	156461	40.784	ng	91
22) Acetophenone	7.286	105	210366	43.958	ng	99
24) Nitrobenzene	7.463	77	156272	43.639	ng	98
25) Isophorone	7.698	82	244787	38.568	ng	100
26) 2-Nitrophenol	7.781	139	88606	45.422	ng	97
27) 2,4-Dimethylphenol	7.816	122	110534m	32.712	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	171235	42.437	ng	99
29) 2,4-Dichlorophenol	8.022	162	136247	44.470	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	149500	44.376	ng	98
31) Naphthalene	8.186	128	478483	45.044	ng	100
32) Benzoic acid	7.916	122	84983	49.345	ng	95
33) 4-Chloroaniline	8.233	127	157517	36.468	ng	99
34) Hexachlorobutadiene	8.298	225	92637	44.953	ng	98
35) Caprolactam	8.598	113	33107	40.950	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	128828	42.309	ng	99
37) 2-Methylnaphthalene	8.875	142	306467	46.536	ng	100
38) 1-Methylnaphthalene	8.975	142	300675	44.105	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	147474	47.441	ng	99
41) Hexachlorocyclopentadiene	9.028	237	84143	47.699	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	91136	44.992	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142834.D
 Acq On : 25 Jun 2025 13:25
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

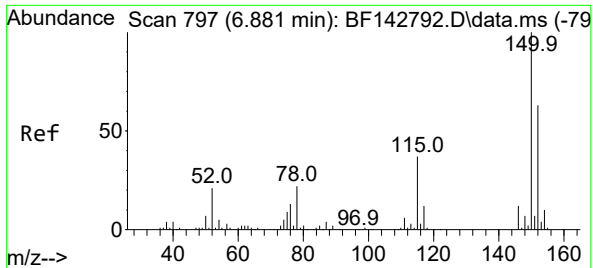
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	95905	44.977	ng	99
46) 1,1'-Biphenyl	9.339	154	376150	45.199	ng	100
47) 2-Chloronaphthalene	9.369	162	276163	44.220	ng	99
48) 2-Nitroaniline	9.463	65	73622	42.049	ng	97
49) Acenaphthylene	9.780	152	424345	41.275	ng	99
50) Dimethylphthalate	9.639	163	295308	43.304	ng	100
51) 2,6-Dinitrotoluene	9.704	165	65017	43.414	ng	96
52) Acenaphthene	9.957	154	281768	44.920	ng	98
53) 3-Nitroaniline	9.875	138	67550	40.967	ng	98
54) 2,4-Dinitrophenol	9.980	184	33619	44.832	ng	95
55) Dibenzofuran	10.127	168	402477	44.746	ng	99
56) 4-Nitrophenol	10.033	139	47821	42.364	ng	99
57) 2,4-Dinitrotoluene	10.110	165	82849	41.648	ng	99
58) Fluorene	10.469	166	302042	42.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	76414	44.458	ng	96
60) Diethylphthalate	10.339	149	298902	44.703	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	145019	43.262	ng	99
62) 4-Nitroaniline	10.486	138	64702	42.905	ng	97
63) Azobenzene	10.622	77	259329	43.395	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	44027	44.100	ng	97
66) n-Nitrosodiphenylamine	10.580	169	250374	43.770	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	85430	45.479	ng	97
68) Hexachlorobenzene	11.022	284	91443	43.810	ng	98
69) Atrazine	11.104	200	66356	44.922	ng	99
70) Pentachlorophenol	11.216	266	49461	47.555	ng	98
71) Phenanthrene	11.433	178	392851	43.939	ng	100
72) Anthracene	11.486	178	386458	42.146	ng	100
73) Carbazole	11.639	167	353066	44.618	ng	100
74) Di-n-butylphthalate	11.969	149	430341	52.204	ng	100
75) Fluoranthene	12.627	202	404373	47.656	ng	99
77) Benzidine	12.751	184	165421	33.751	ng	99
78) Pyrene	12.857	202	406353	33.232	ng	99
80) Butylbenzylphthalate	13.468	149	174834	49.292	ng	100
81) Benzo(a)anthracene	14.045	228	389721	44.285	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	123008	43.094	ng	99
83) Chrysene	14.086	228	339500	43.234	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	265043	51.937	ng	99
85) Di-n-octyl phthalate	14.645	149	476363	49.504	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	496379	40.260	ng	99
88) Benzo(b)fluoranthene	15.109	252	442080	47.198	ng	100
89) Benzo(k)fluoranthene	15.139	252	366193	41.788	ng	99
90) Benzo(a)pyrene	15.486	252	370504	40.946	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	402958	40.224	ng	98
92) Benzo(g,h,i)perylene	17.521	276	412382	41.282	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

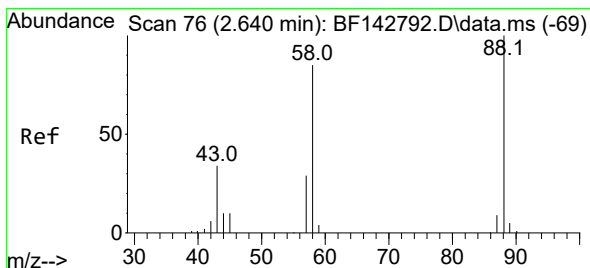
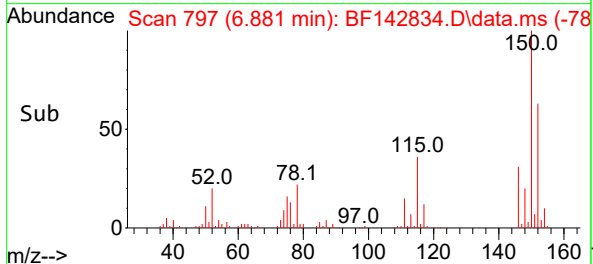
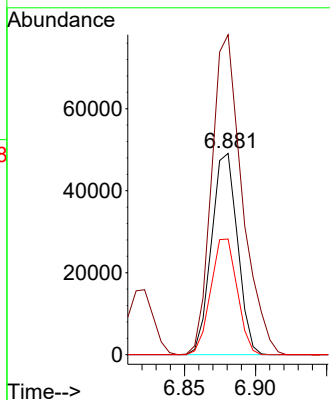
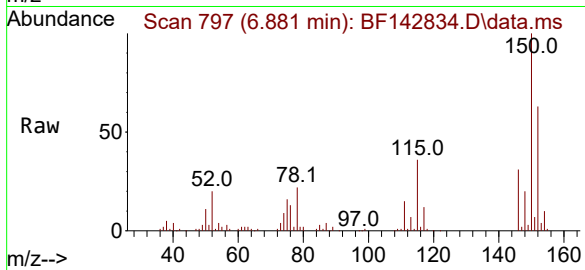
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

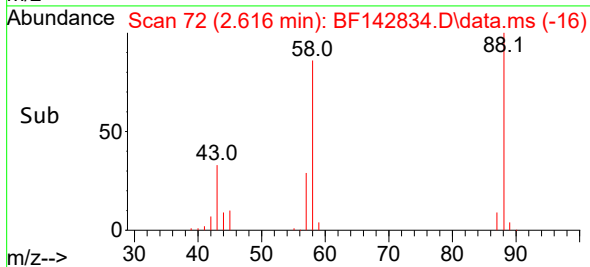
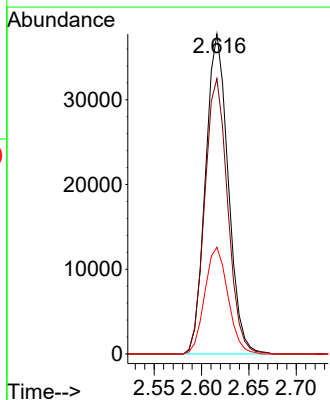
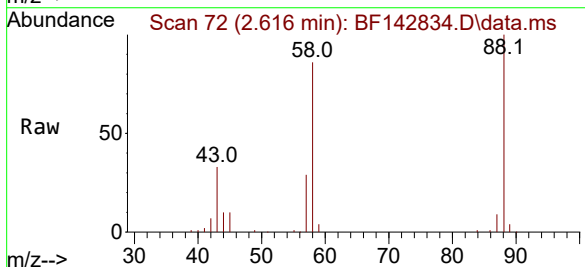
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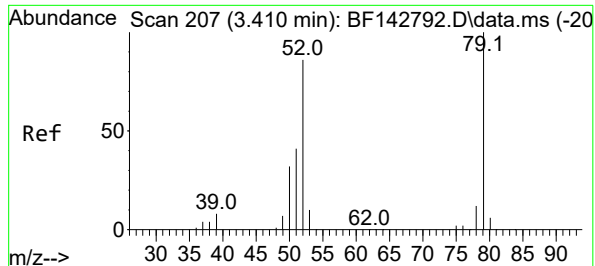
Tgt Ion:152 Resp: 62666
Ion Ratio Lower Upper
152 100
150 158.9 127.2 190.8
115 57.4 46.6 69.8



#2
1,4-Dioxane
Concen: 41.682 ng
RT: 2.616 min Scan# 72
Delta R.T. -0.024 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion: 88 Resp: 62751
Ion Ratio Lower Upper
88 100
58 87.1 69.1 103.7
43 34.2 27.4 41.2

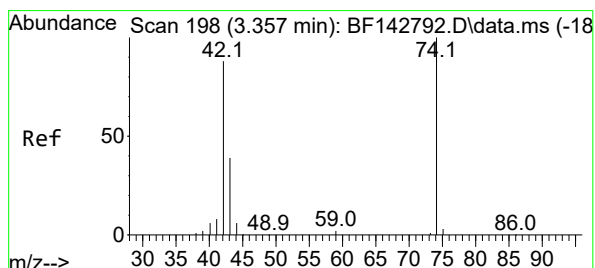
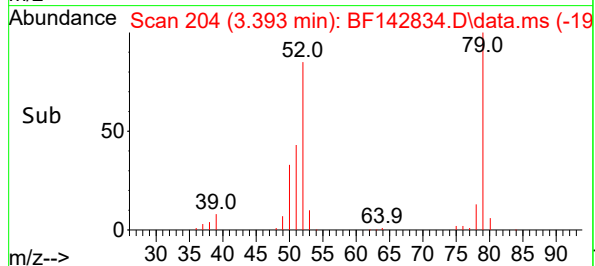
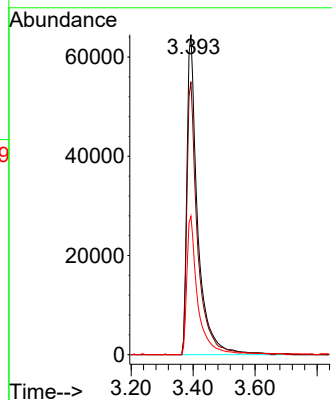
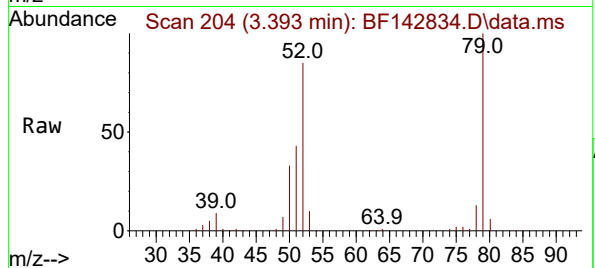




#3
Pyridine
Concen: 41.299 ng
RT: 3.393 min Scan# 207
Delta R.T. -0.018 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

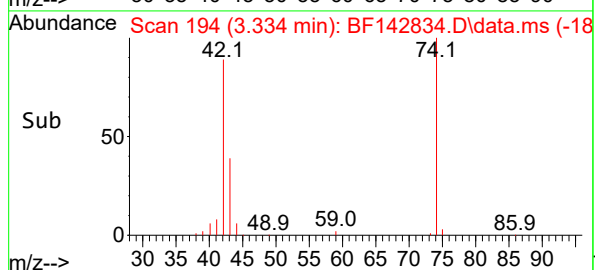
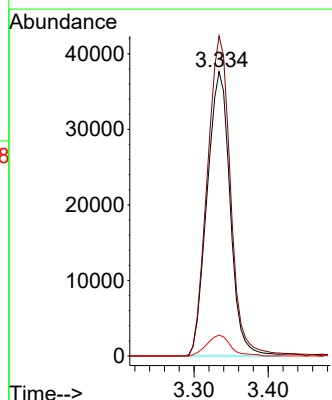
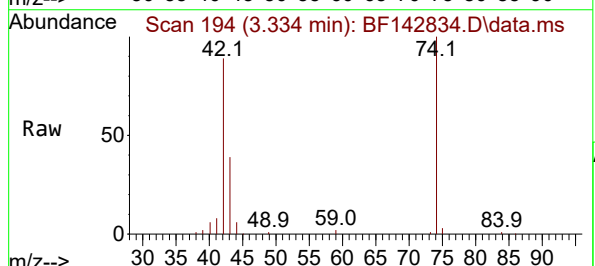
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BNA_F
ClientSampleId :
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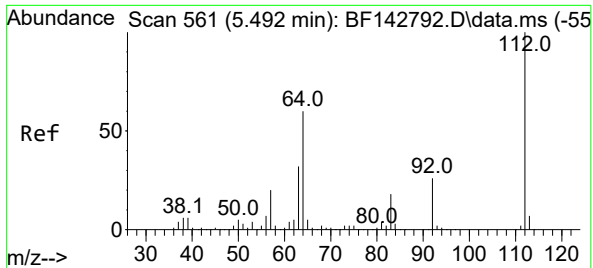
Tgt Ion: 79 Resp: 155870
Ion Ratio Lower Upper
79 100
52 85.3 69.2 103.8
51 43.3 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.588 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.024 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion: 42 Resp: 81166
Ion Ratio Lower Upper
42 100
74 112.6 90.9 136.3
44 7.3 5.8 8.6

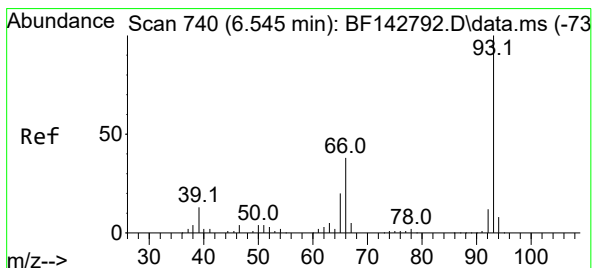
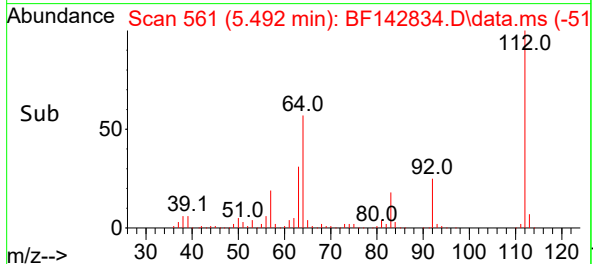
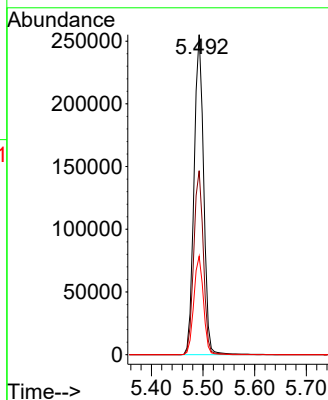
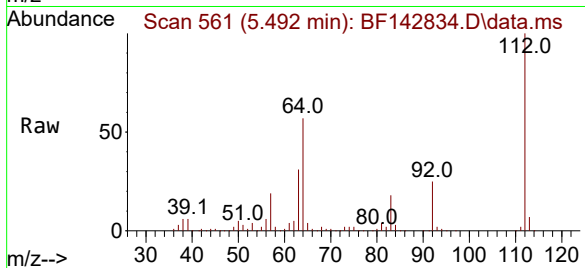




#5
2-Fluorophenol
Concen: 87.268 ng
RT: 5.492 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

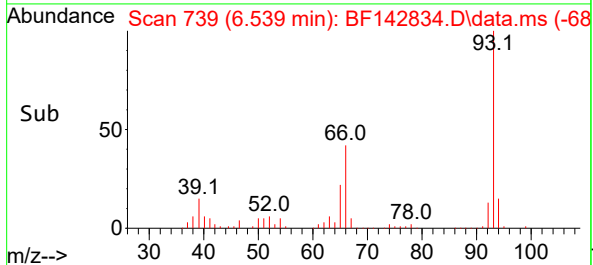
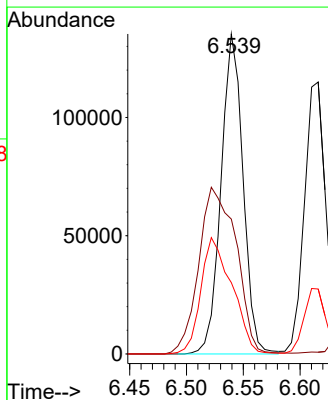
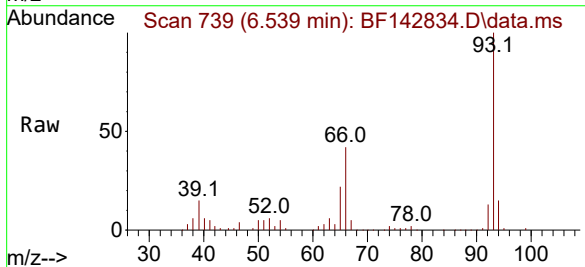
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BNA_F
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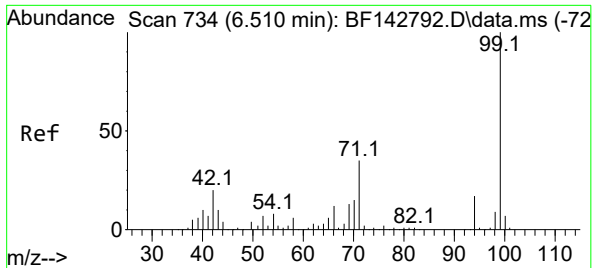
Tgt Ion:112 Resp: 328466
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.2
63 30.7 25.7 38.5



#6
Aniline
Concen: 30.853 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion: 93 Resp: 182298
Ion Ratio Lower Upper
93 100
66 42.1 31.8 47.6
65 22.3 16.2 24.2

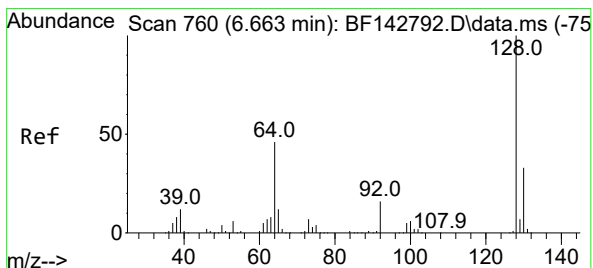
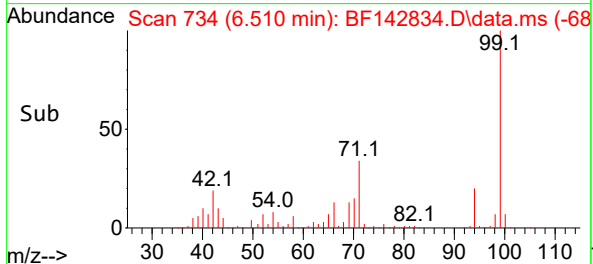
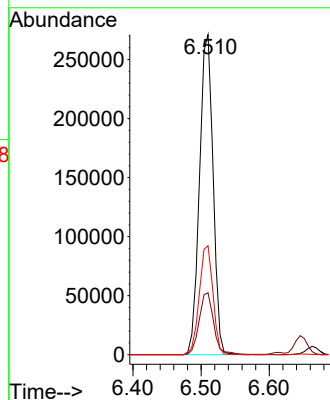
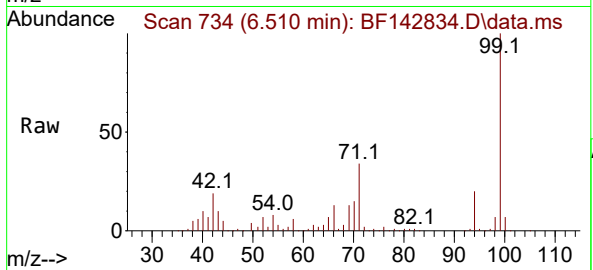




#7
Phenol-d6
Concen: 84.579 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

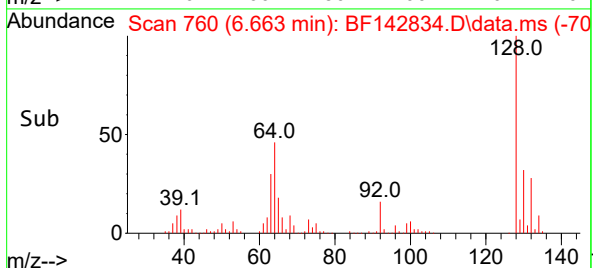
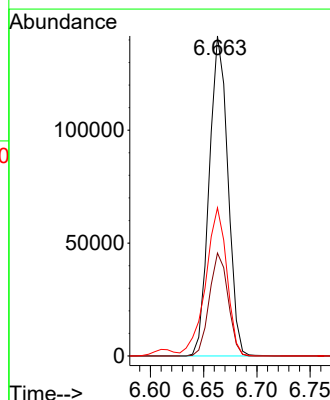
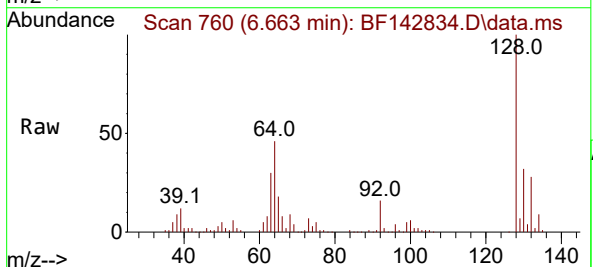
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

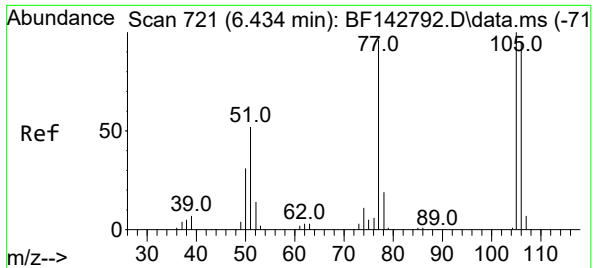
Tgt Ion: 99 Resp: 375586
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 34.1 27.8 41.8



#8
2-Chlorophenol
Concen: 42.535 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion: 128 Resp: 172698
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 46.3 26.5 66.5

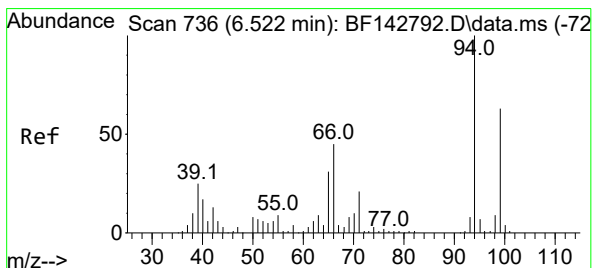
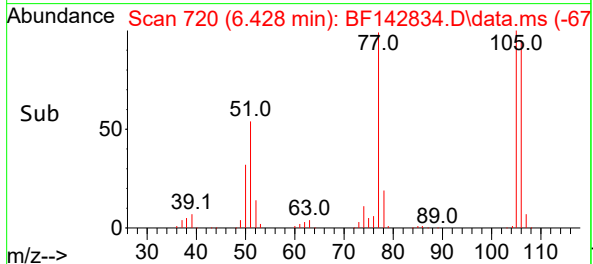
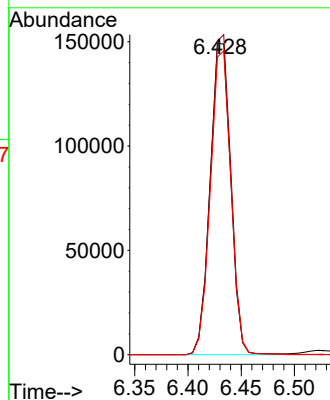
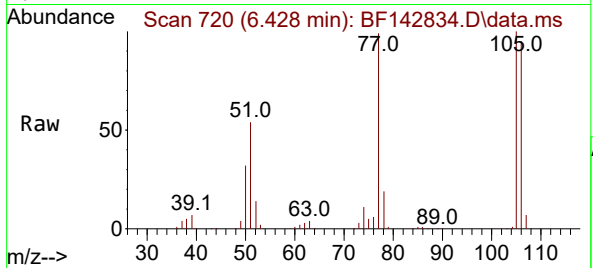




#9
Benzaldehyde
Concen: 76.157 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

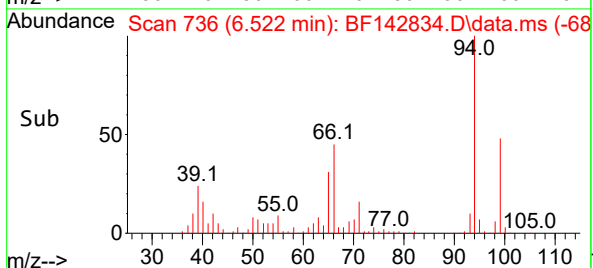
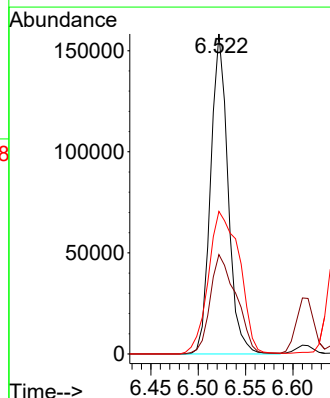
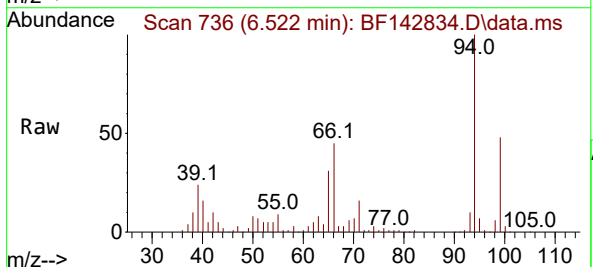
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

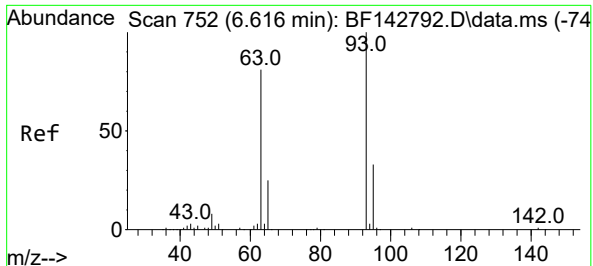
Tgt Ion: 77 Resp: 200638
Ion Ratio Lower Upper
77 100
105 100.9 83.8 123.8
106 95.6 78.7 118.7



#10
Phenol
Concen: 40.861 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion: 94 Resp: 201697
Ion Ratio Lower Upper
94 100
65 31.1 11.3 51.3
66 44.6 24.9 64.9

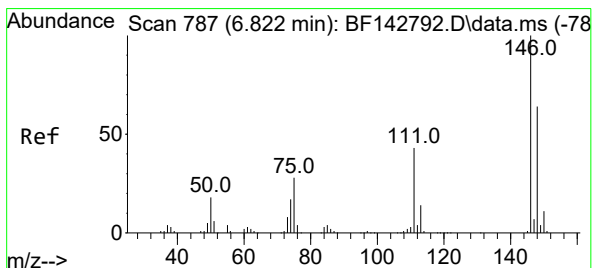
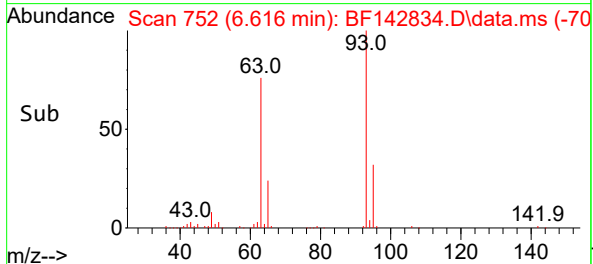
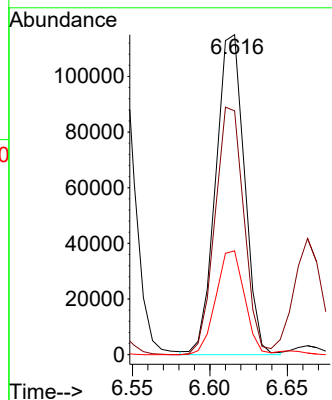
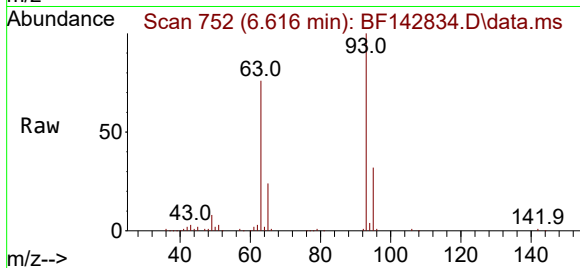




#11
bis(2-Chloroethyl)ether
Concen: 42.163 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

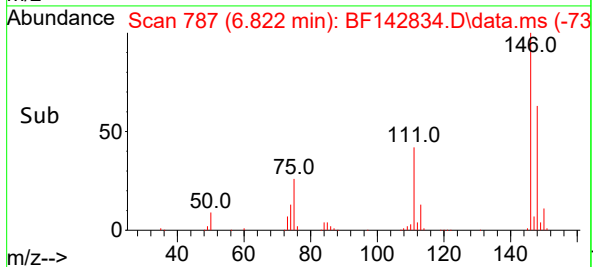
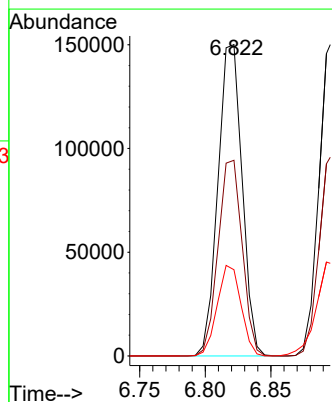
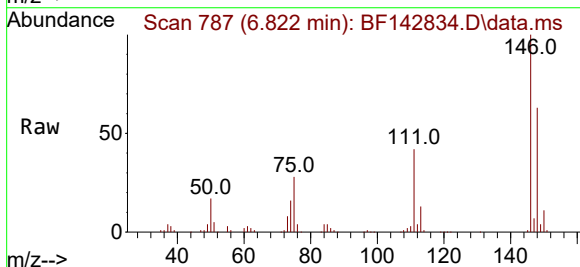
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

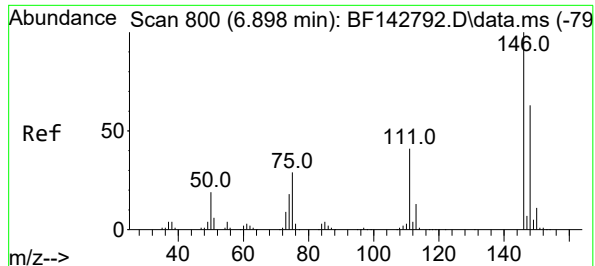
Tgt Ion: 93 Resp: 148747
Ion Ratio Lower Upper
93 100
63 76.2 60.3 100.3
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.346 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion: 146 Resp: 192285
Ion Ratio Lower Upper
146 100
148 62.8 51.1 76.7
75 27.7 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 41.902 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

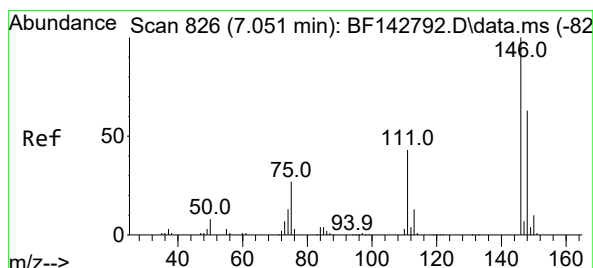
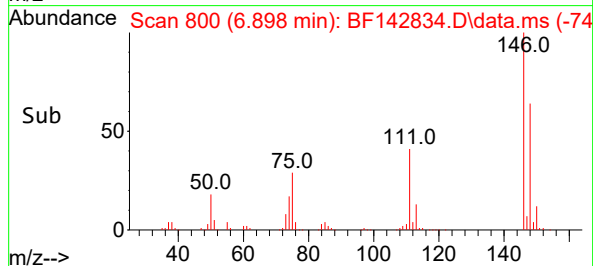
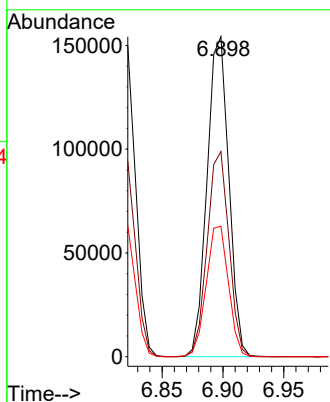
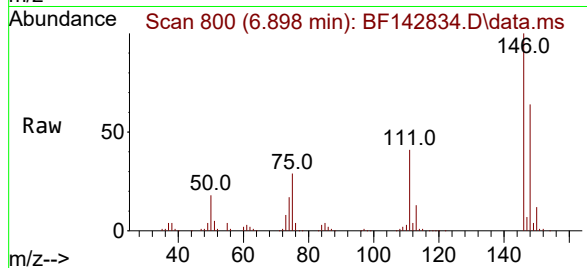
Tgt Ion:146 Resp: 191969

Ion Ratio Lower Upper

146 100

148 64.1 50.2 75.2

111 40.8 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 41.338 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

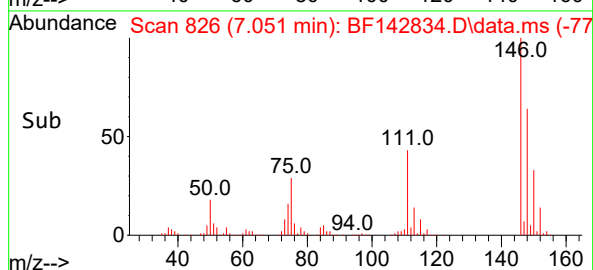
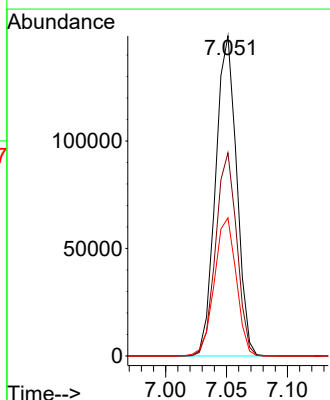
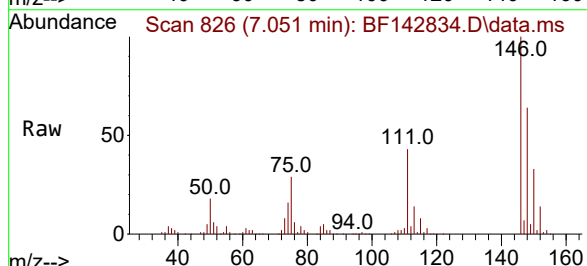
Tgt Ion:146 Resp: 179627

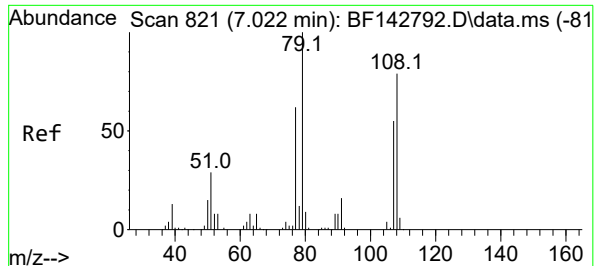
Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

111 43.1 34.1 51.1





#15

Benzyl Alcohol

Concen: 41.513 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

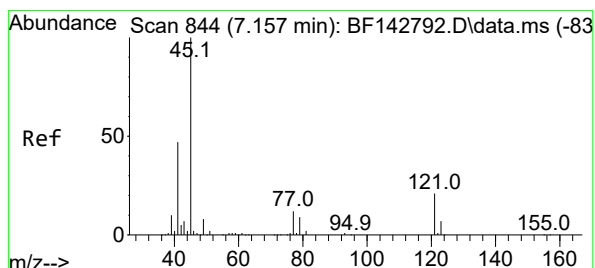
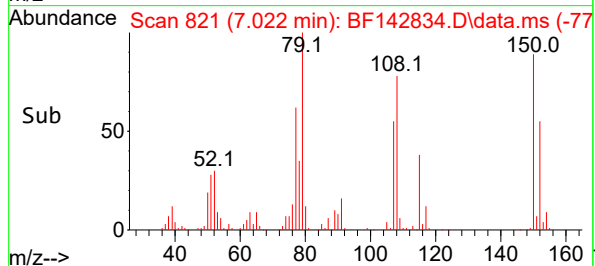
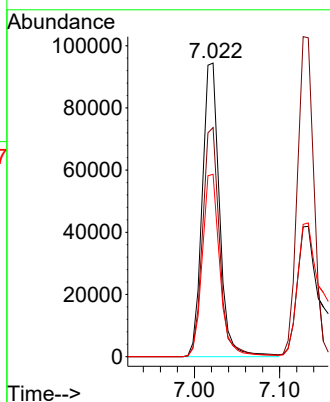
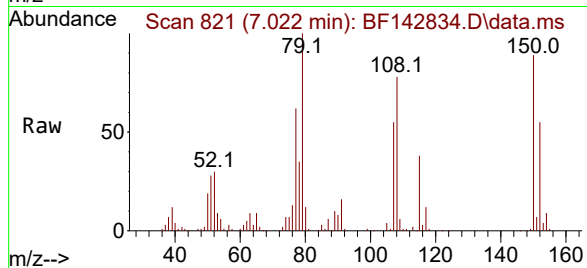
Tgt Ion: 79 Resp: 133269

Ion Ratio Lower Upper

79 100

108 78.1 63.4 95.0

77 62.1 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.342 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

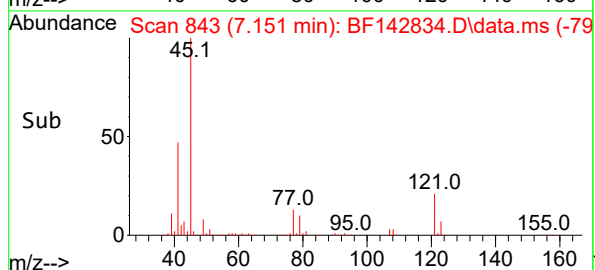
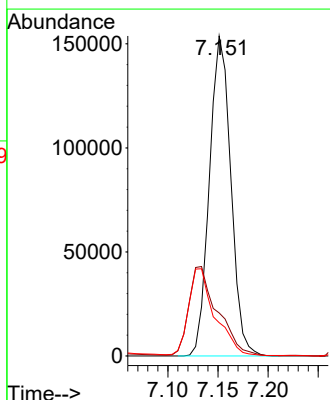
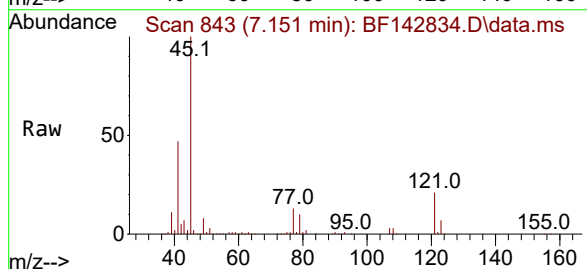
Tgt Ion: 45 Resp: 228661

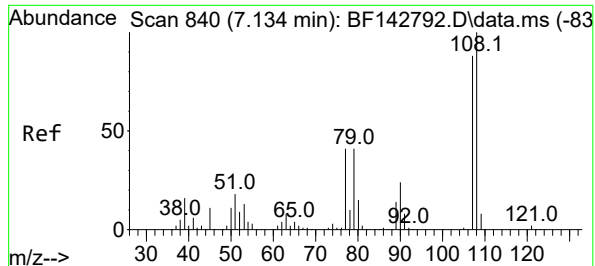
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.8

79 10.4 0.0 29.8

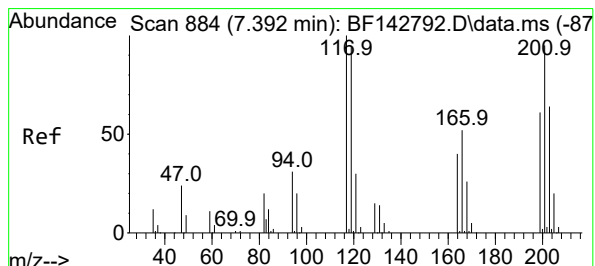
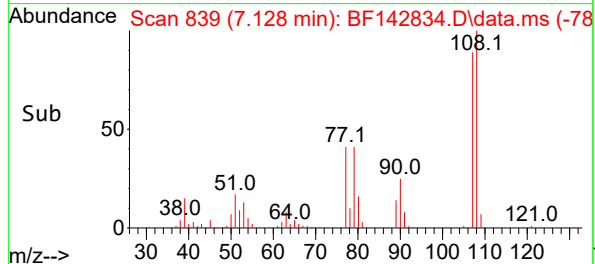
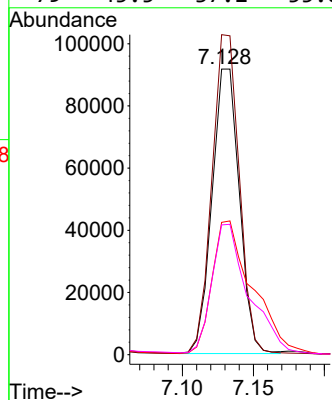
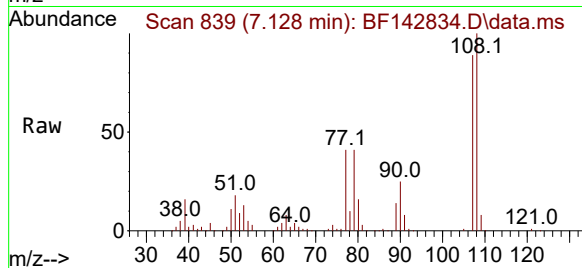




#17
2-Methylphenol
Concen: 39.900 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

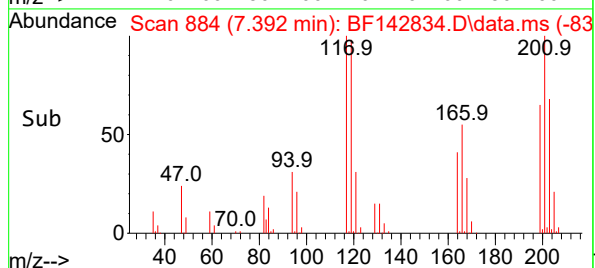
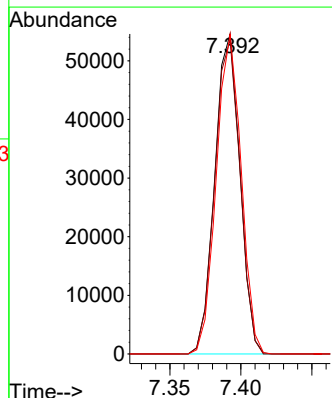
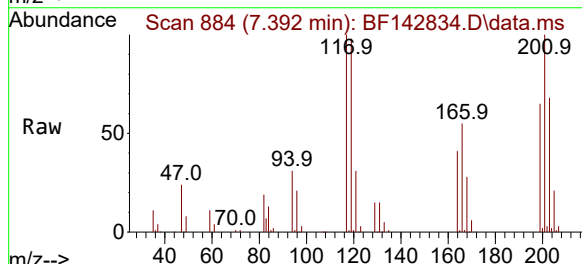
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

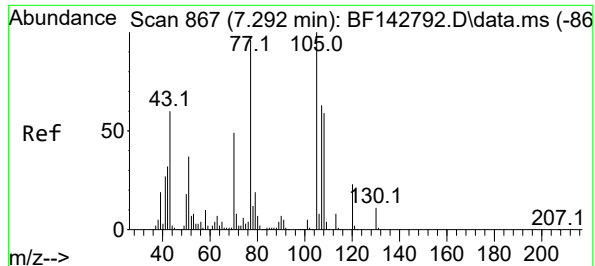
Tgt Ion:107 Resp: 122767
Ion Ratio Lower Upper
107 100
108 112.0 90.9 136.3
77 46.3 37.3 55.9
79 45.5 37.2 55.8



#18
Hexachloroethane
Concen: 41.888 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:117 Resp: 67123
Ion Ratio Lower Upper
117 100
119 98.3 75.4 113.0
201 99.9 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 39.316 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 101541

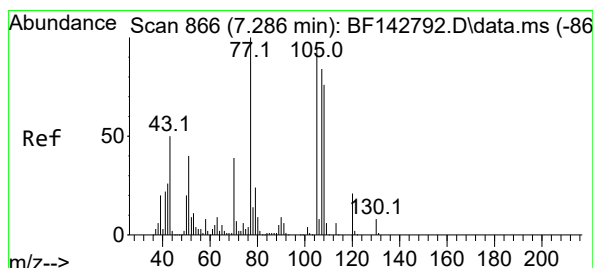
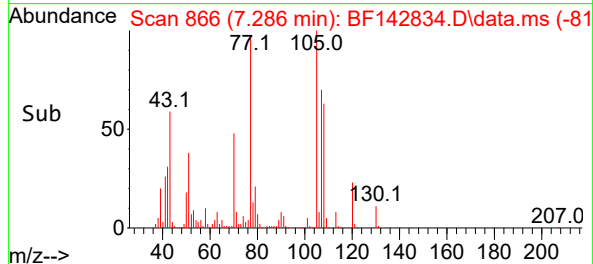
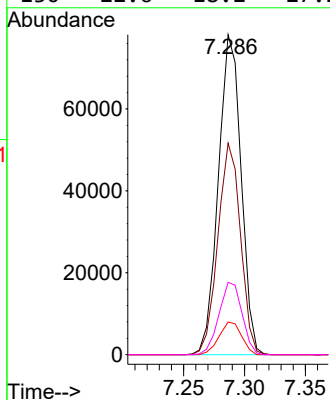
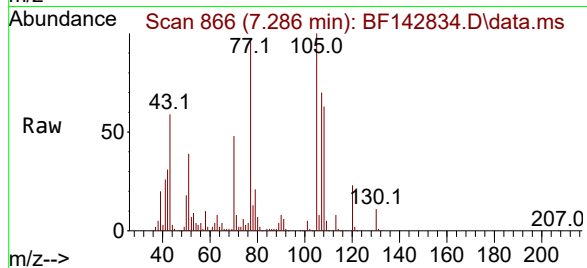
Ion Ratio Lower Upper

70 100

42 66.1 52.1 78.1

101 10.2 8.2 12.2

130 22.6 18.2 27.2



#20

3+4-Methylphenols

Concen: 40.784 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Tgt Ion:107 Resp: 156461

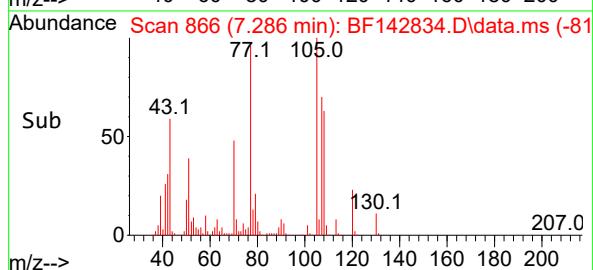
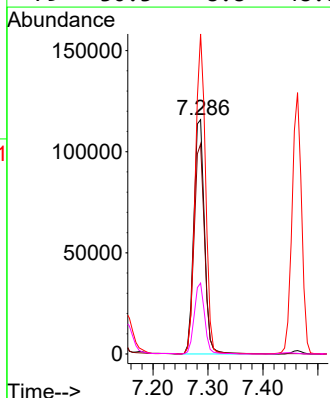
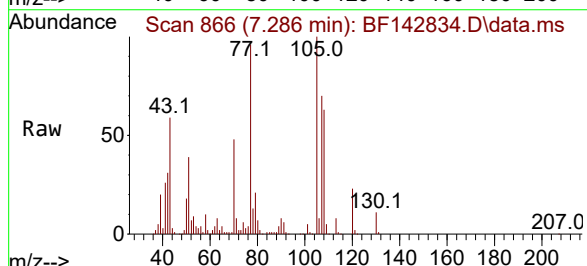
Ion Ratio Lower Upper

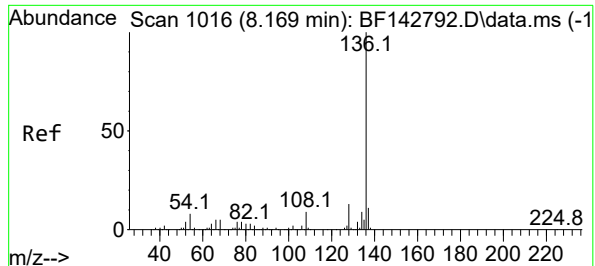
107 100

108 89.6 70.0 110.0

77 136.6 98.5 138.5

79 30.3 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 217016

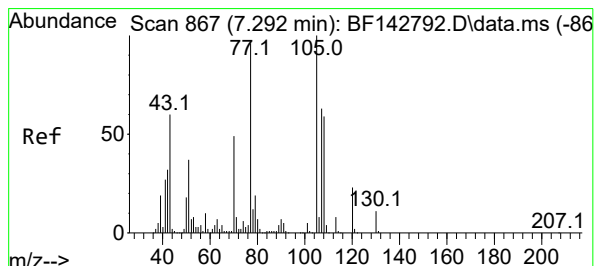
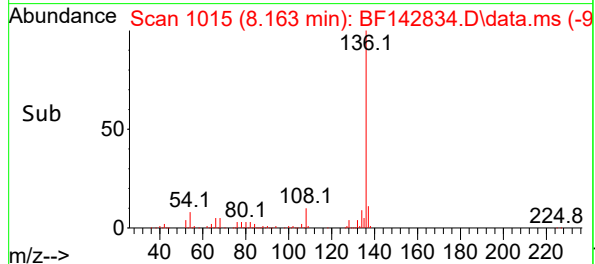
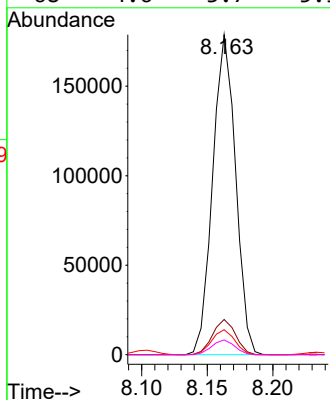
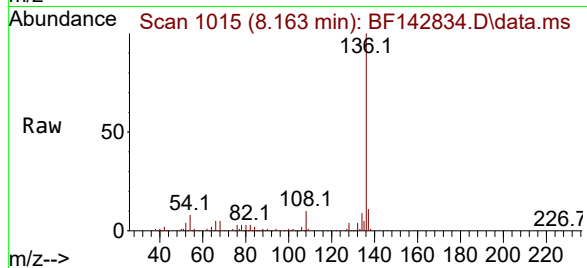
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 7.8 6.3 9.5

68 4.6 3.7 5.5



#22

Acetophenone

Concen: 43.958 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Tgt Ion:105 Resp: 210366

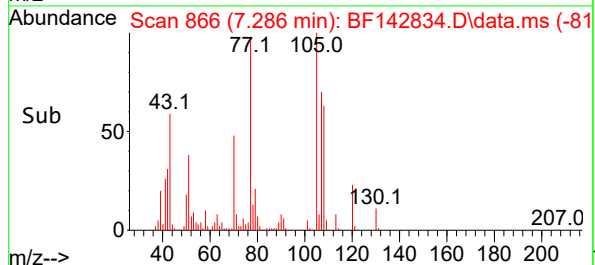
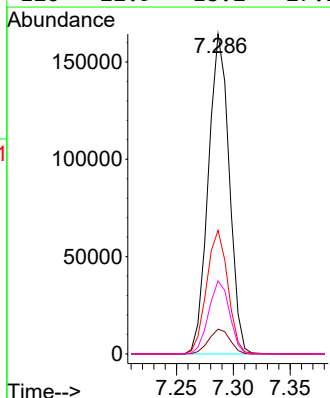
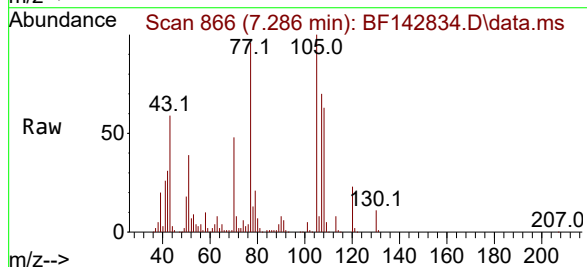
Ion Ratio Lower Upper

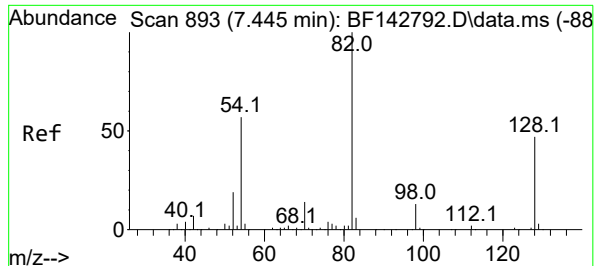
105 100

71 7.7 6.5 9.7

51 38.6 29.8 44.8

120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 94.152 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

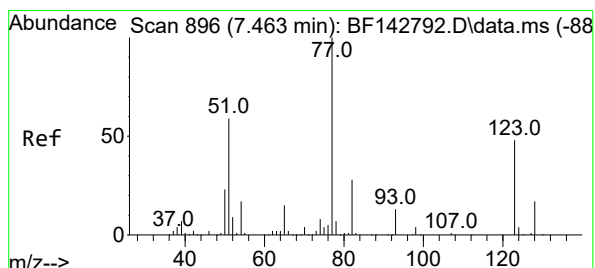
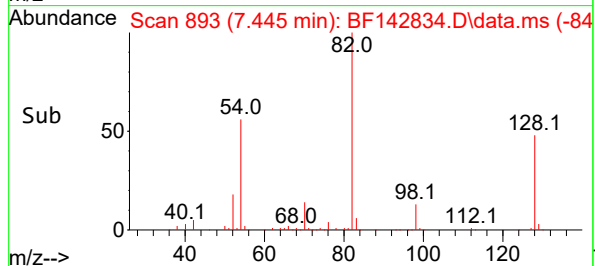
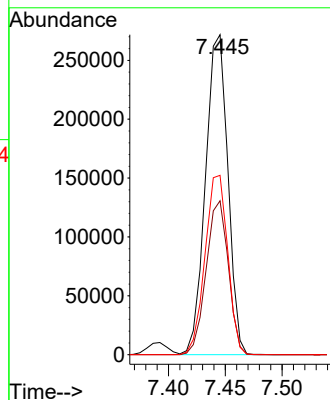
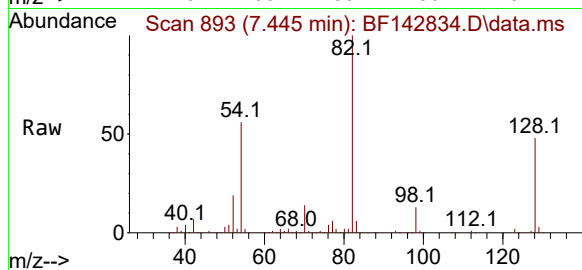
Tgt Ion: 82 Resp: 372510

Ion Ratio Lower Upper

82 100

128 48.1 37.7 56.5

54 56.1 45.7 68.5



#24

Nitrobenzene

Concen: 43.639 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

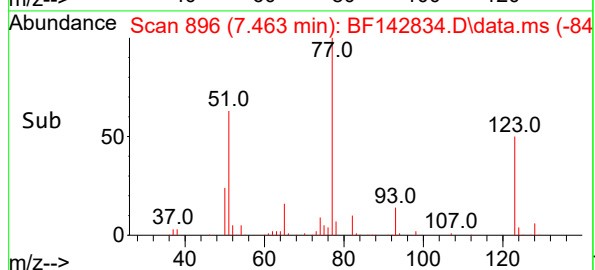
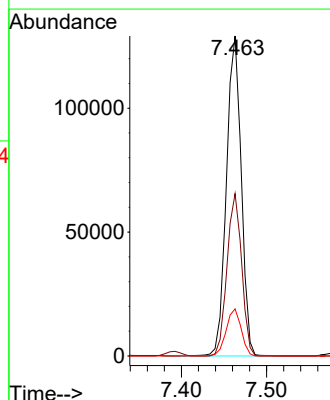
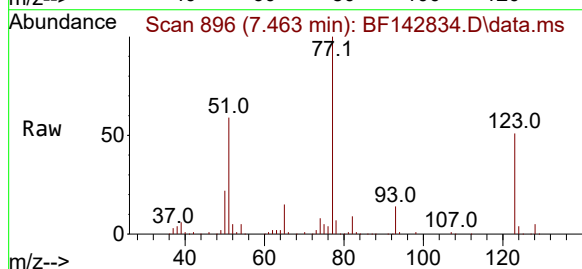
Tgt Ion: 77 Resp: 156272

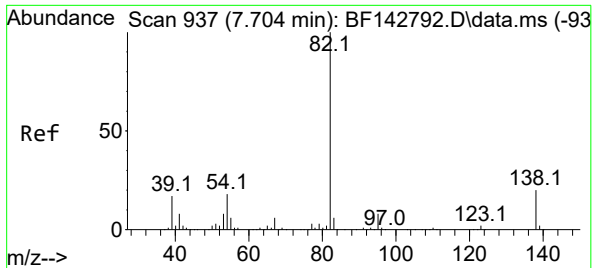
Ion Ratio Lower Upper

77 100

123 50.8 39.2 58.8

65 14.7 11.6 17.4

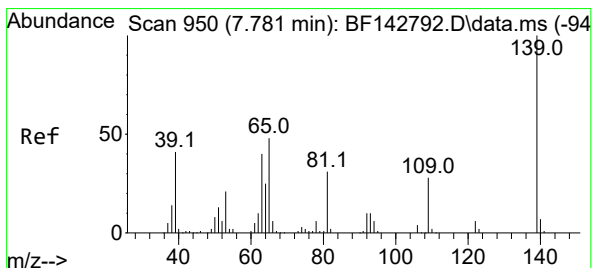
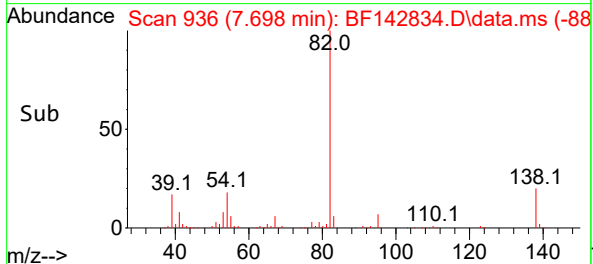
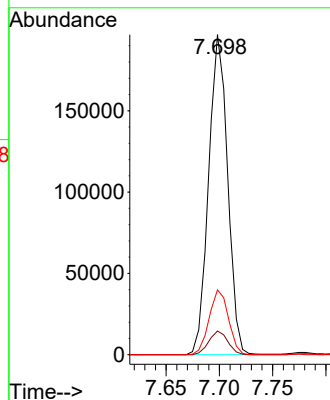
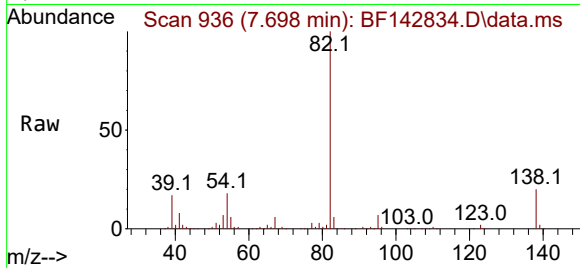




#25
Isophorone
Concen: 38.568 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

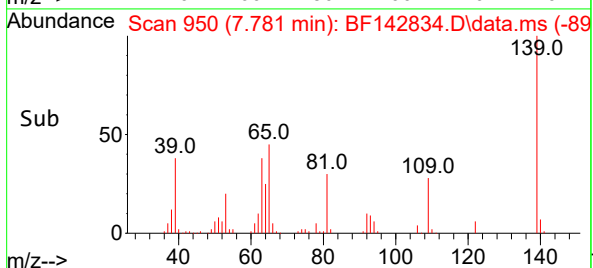
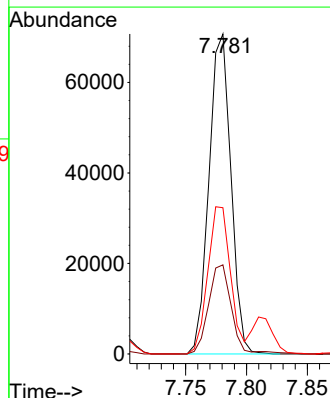
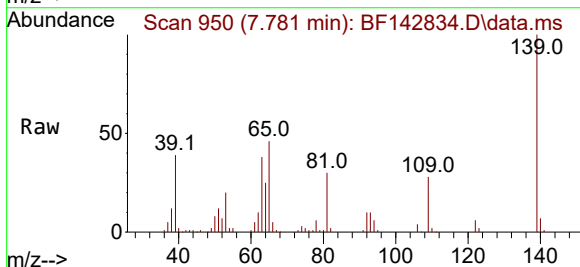
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

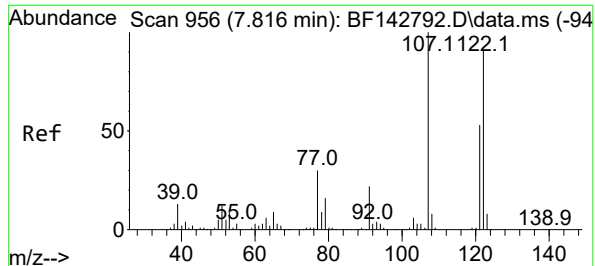
Tgt Ion: 82 Resp: 244787
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 45.422 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:139 Resp: 88606
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 45.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 32.712 ng m

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

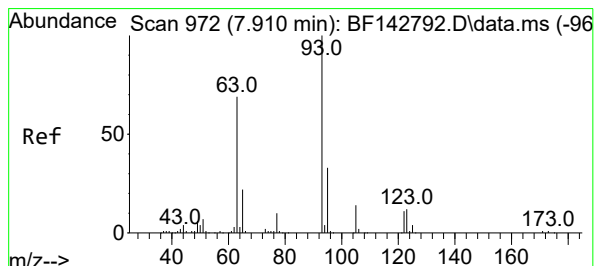
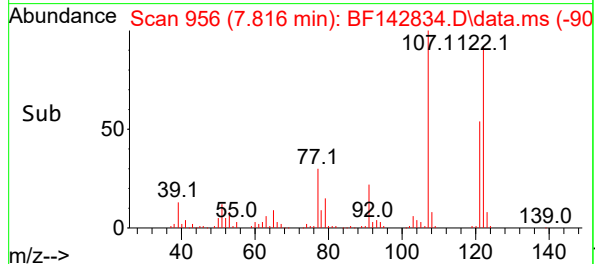
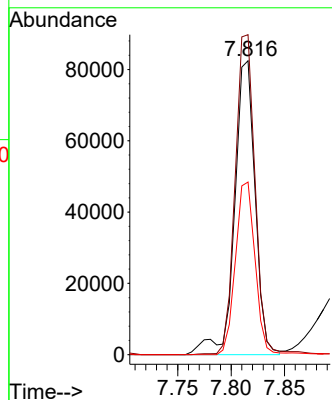
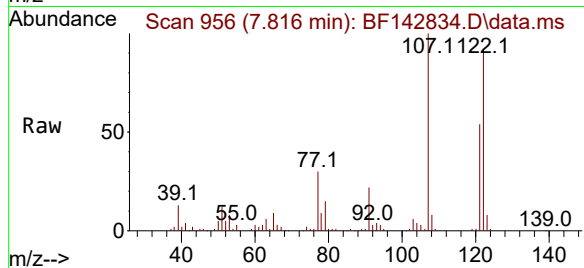
Tgt Ion:122 Resp: 110534

Ion Ratio Lower Upper

122 100

107 108.9 88.0 132.0

121 58.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.437 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

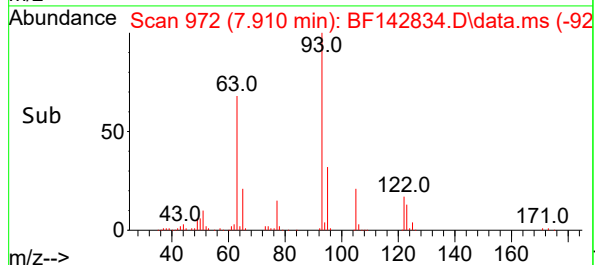
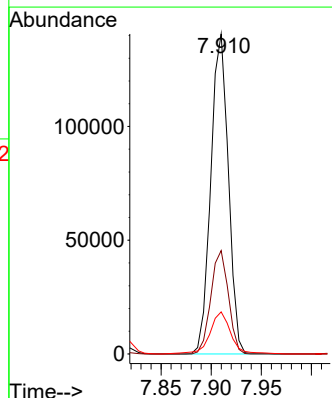
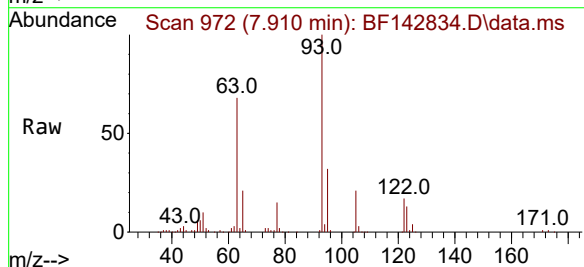
Tgt Ion: 93 Resp: 171235

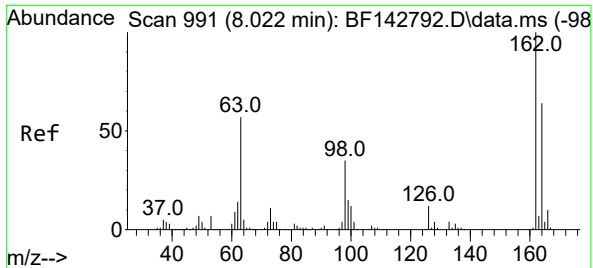
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 13.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.470 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

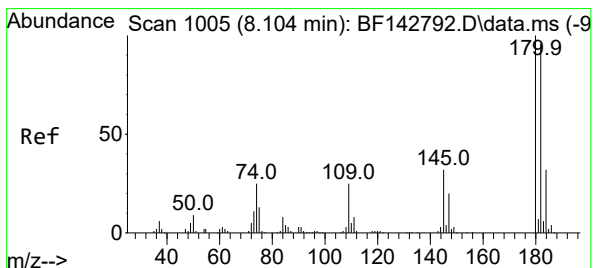
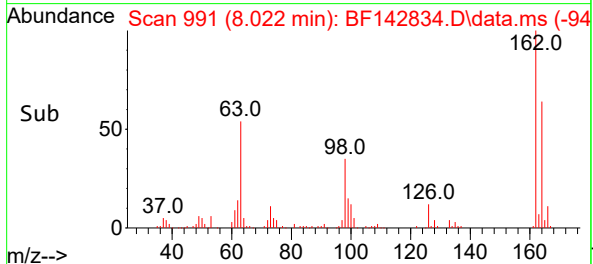
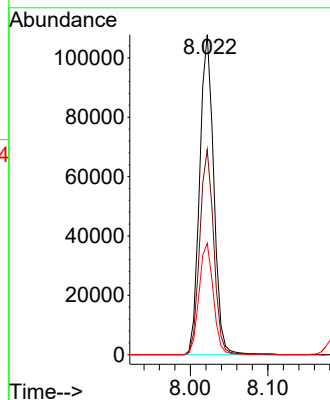
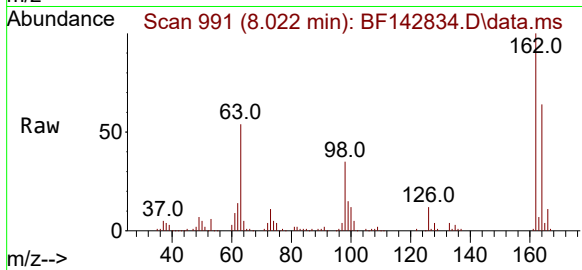
Tgt Ion:162 Resp: 136247

Ion Ratio Lower Upper

162 100

164 64.1 44.0 84.0

98 34.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 44.376 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

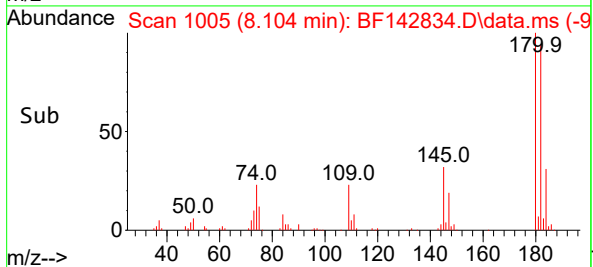
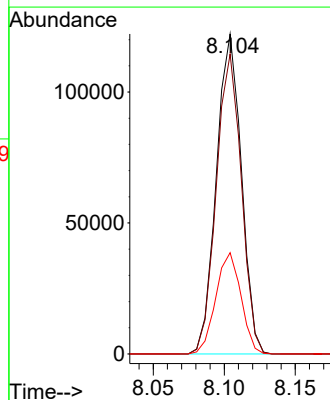
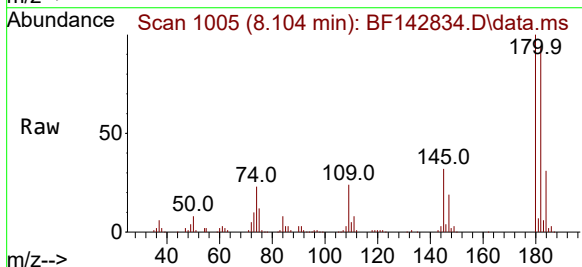
Tgt Ion:180 Resp: 149500

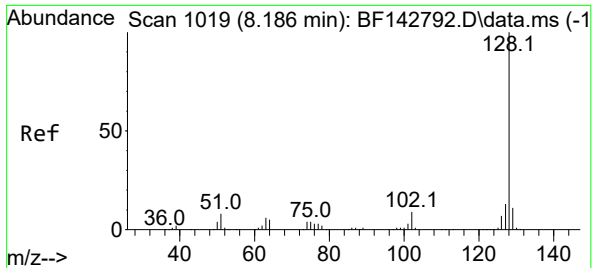
Ion Ratio Lower Upper

180 100

182 93.7 76.4 114.6

145 31.6 25.8 38.8





#31

Naphthalene

Concen: 45.044 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

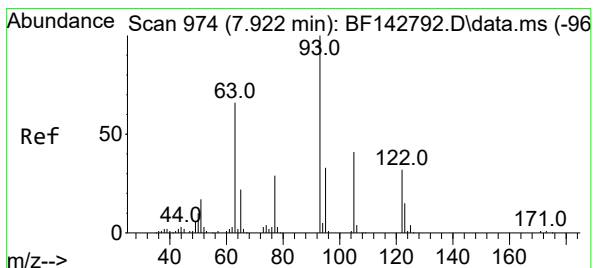
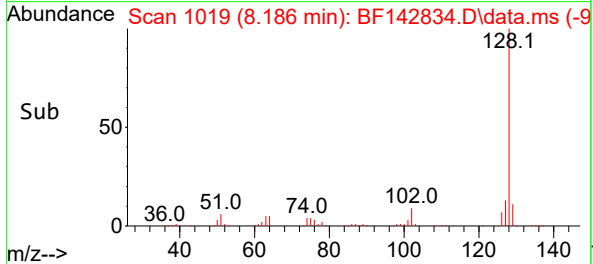
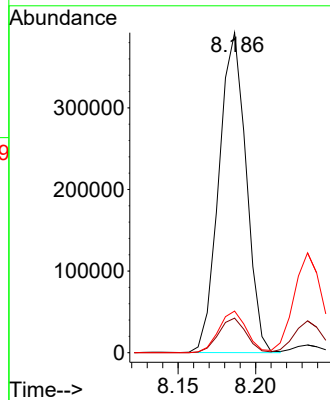
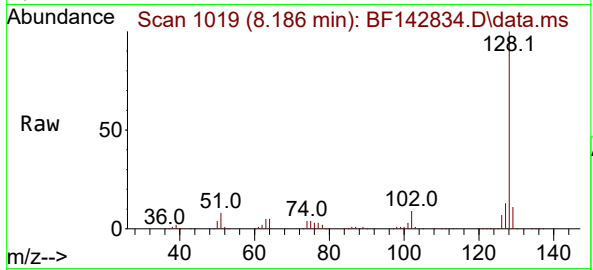
Tgt Ion:128 Resp: 478483

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 49.345 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

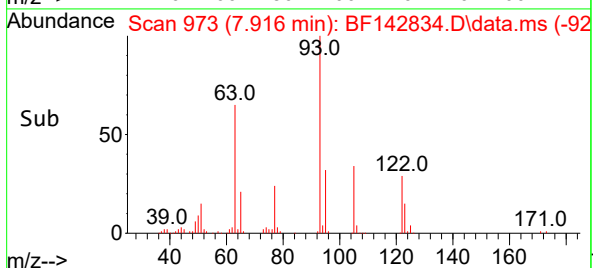
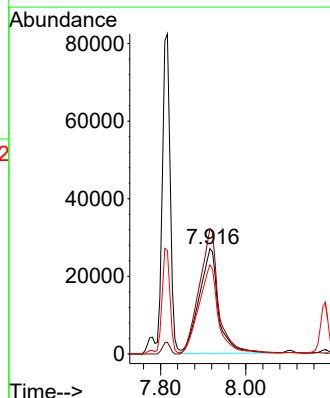
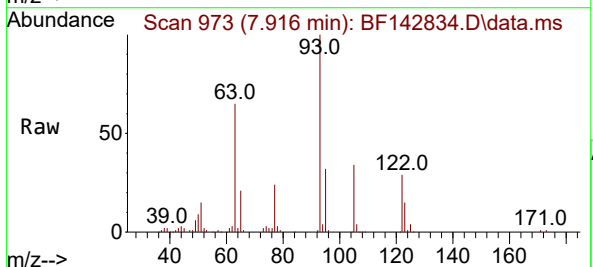
Tgt Ion:122 Resp: 84983

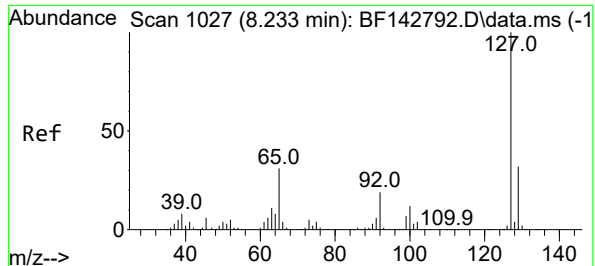
Ion Ratio Lower Upper

122 100

105 119.0 104.7 144.7

77 84.7 70.2 110.2





#33

4-Chloroaniline

Concen: 36.468 ng

RT: 8.233 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 157517

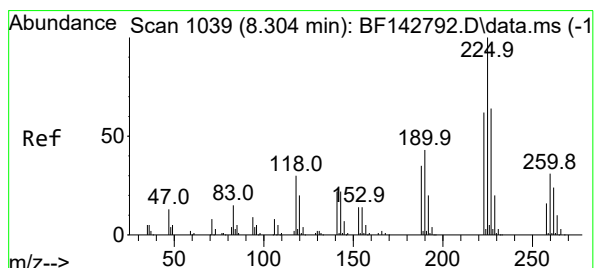
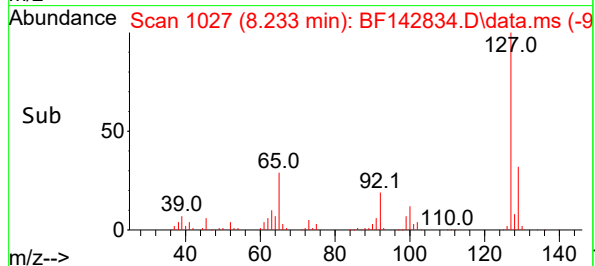
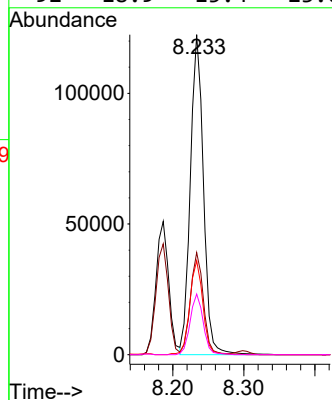
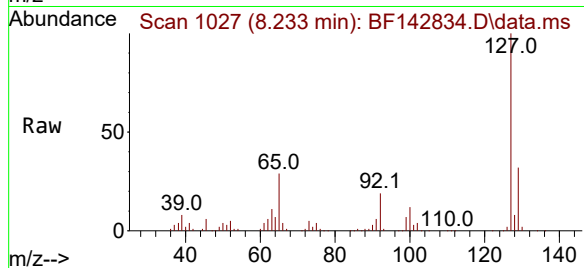
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 29.4 24.6 36.8

92 18.9 15.4 23.0



#34

Hexachlorobutadiene

Concen: 44.953 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

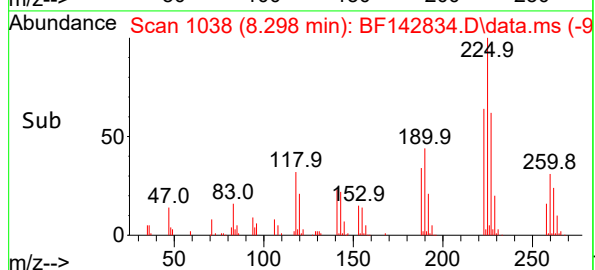
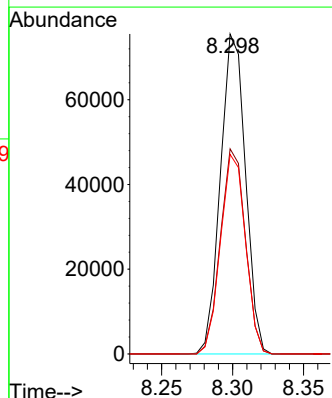
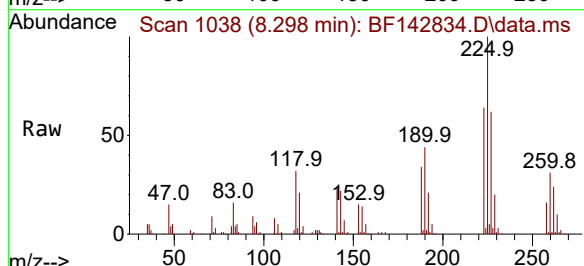
Tgt Ion:225 Resp: 92637

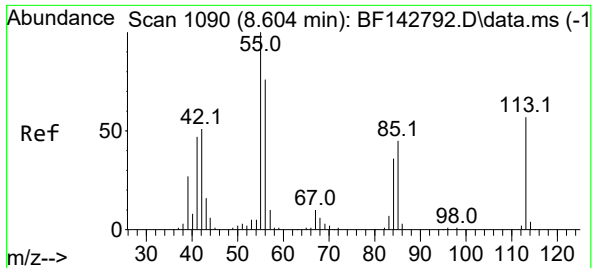
Ion Ratio Lower Upper

225 100

223 64.1 49.9 74.9

227 62.3 51.4 77.0

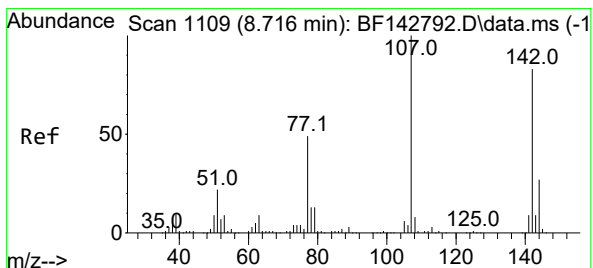
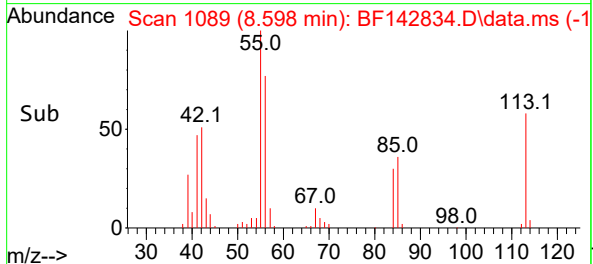
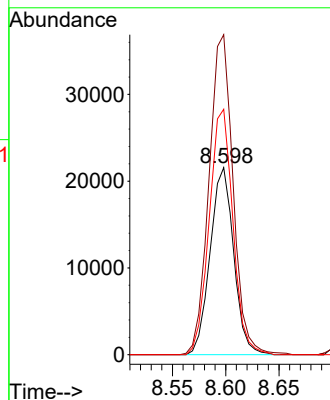
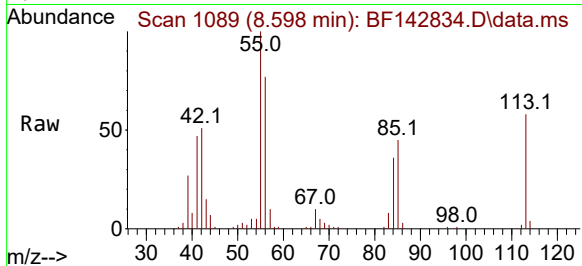




#35
Caprolactam
Concen: 40.950 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

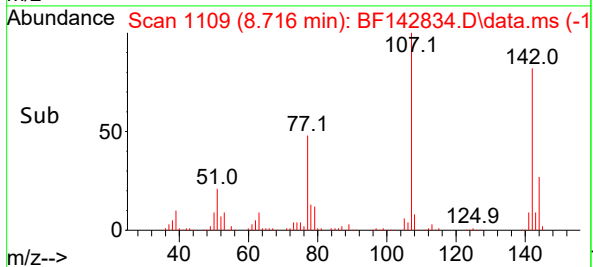
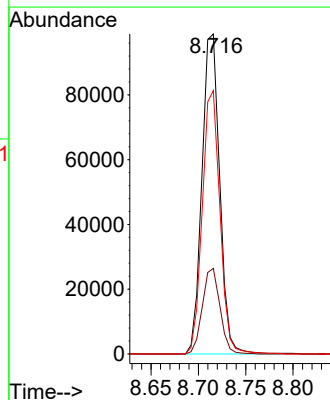
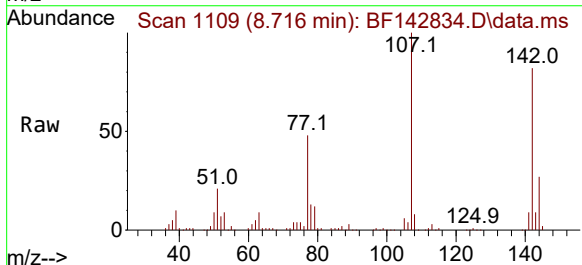
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

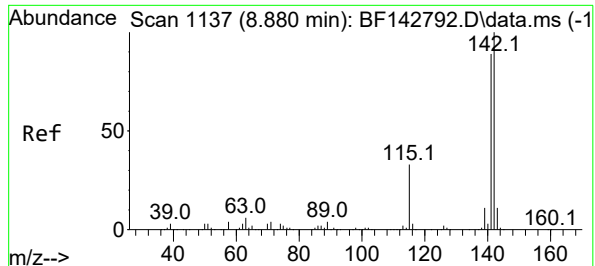
Tgt Ion:113 Resp: 33107
Ion Ratio Lower Upper
113 100
55 171.0 154.4 194.4
56 131.2 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 42.309 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:107 Resp: 128828
Ion Ratio Lower Upper
107 100
144 26.8 21.3 31.9
142 82.3 66.6 100.0

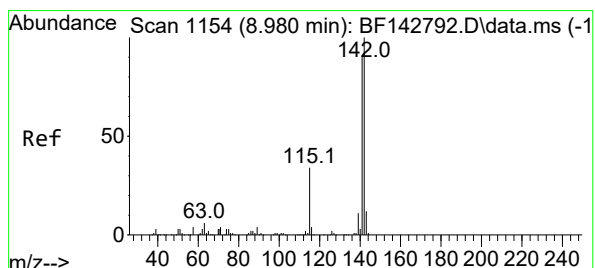
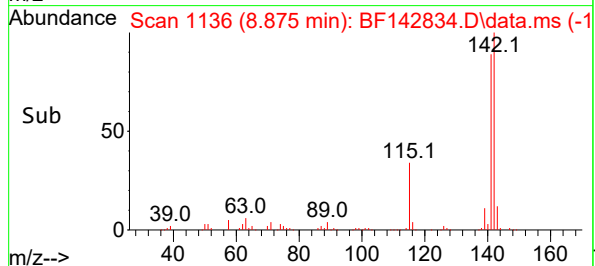
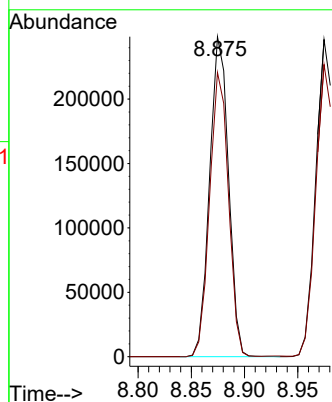
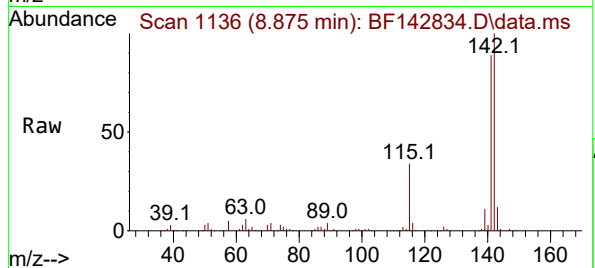




#37
2-Methylnaphthalene
Concen: 46.536 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

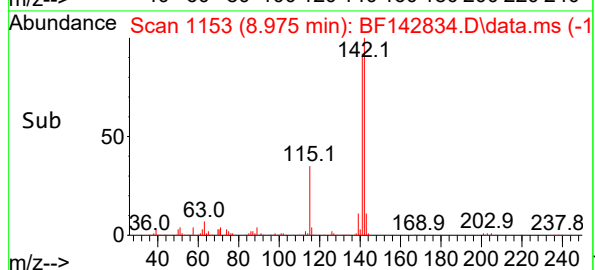
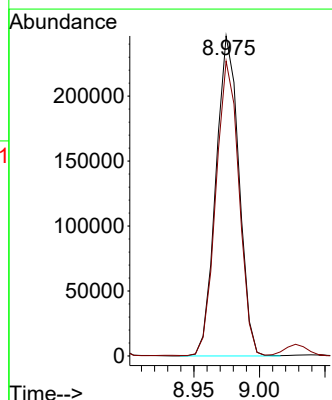
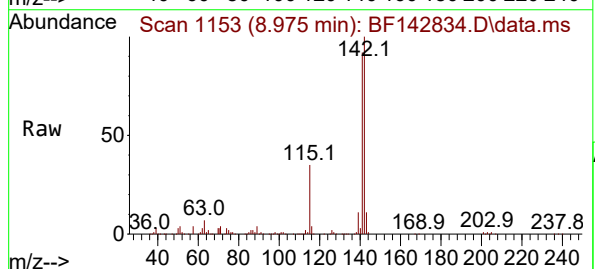
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

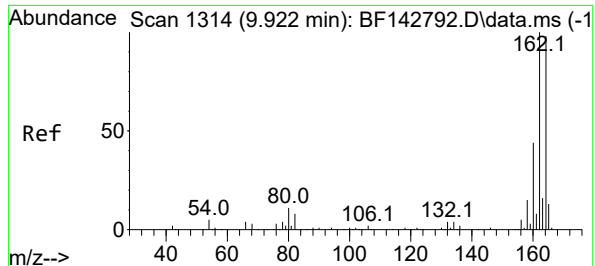
Tgt Ion:142 Resp: 306467
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#38
1-Methylnaphthalene
Concen: 44.105 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:142 Resp: 300675
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

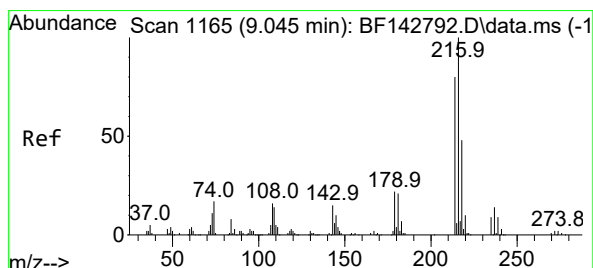
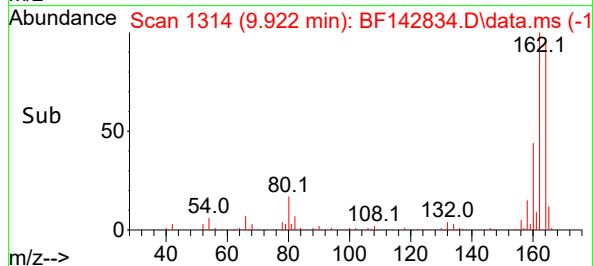
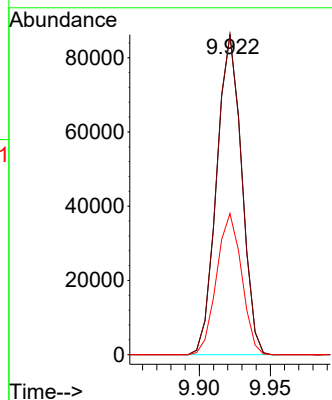
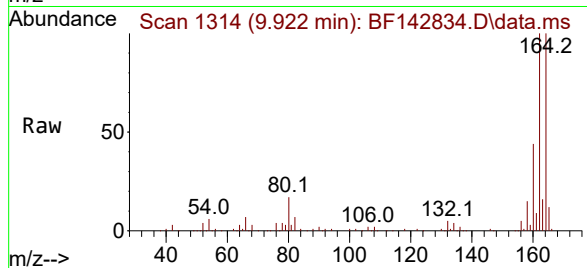
Tgt Ion:164 Resp: 105351

Ion Ratio Lower Upper

164 100

162 99.9 81.8 122.8

160 44.1 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.441 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Tgt Ion:216 Resp: 147474

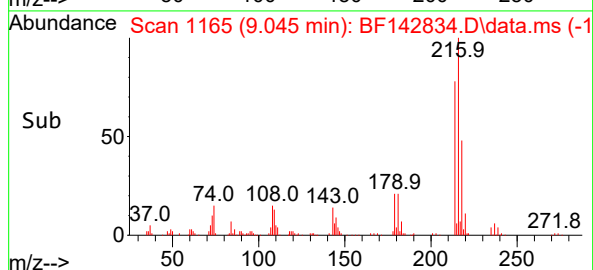
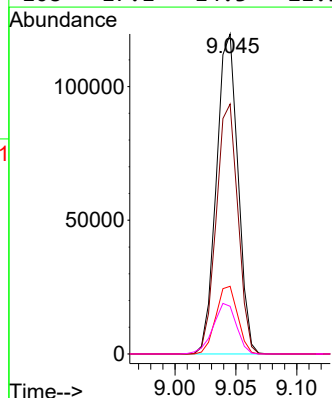
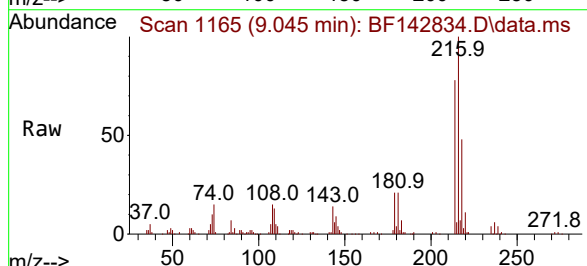
Ion Ratio Lower Upper

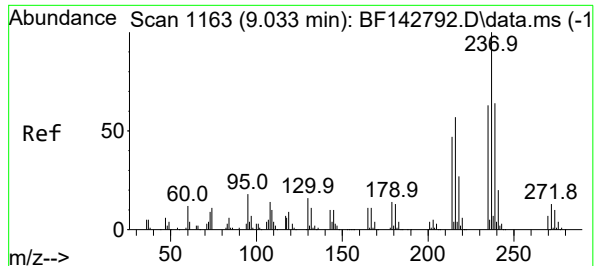
216 100

214 78.4 63.7 95.5

179 21.4 17.6 26.4

108 17.1 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 47.699 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

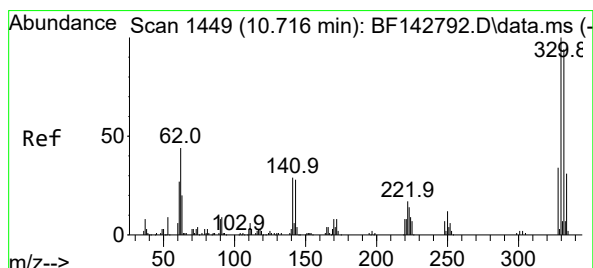
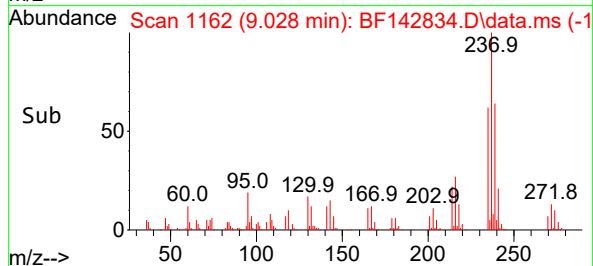
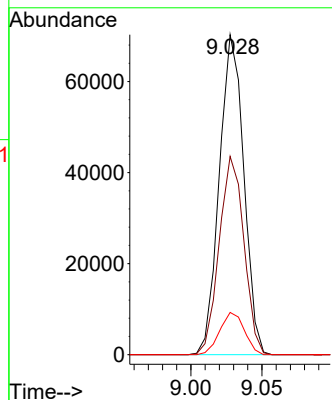
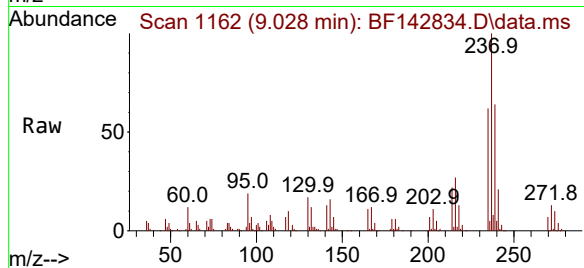
Tgt Ion:237 Resp: 84143

Ion Ratio Lower Upper

237 100

235 62.0 43.4 83.4

272 13.2 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 84.173 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

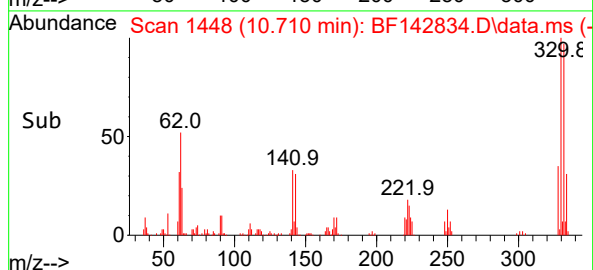
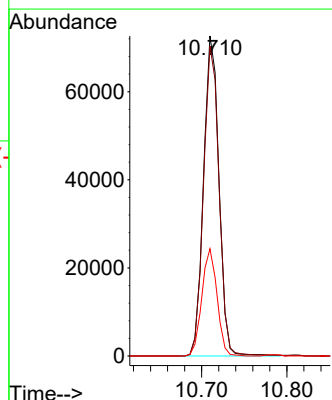
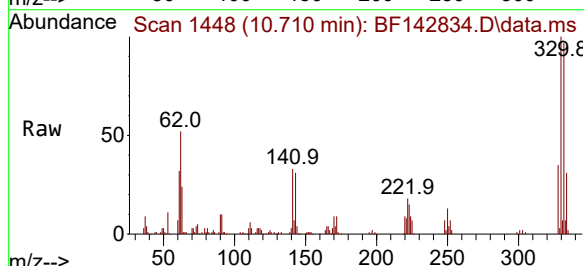
Tgt Ion:330 Resp: 91255

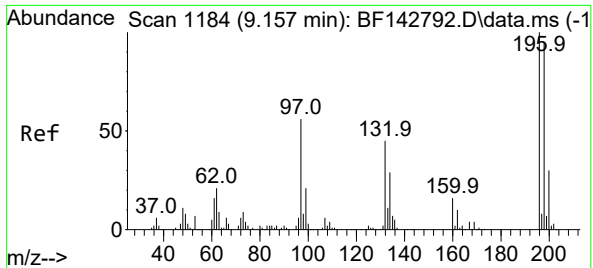
Ion Ratio Lower Upper

330 100

332 97.4 75.0 112.6

141 33.0 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 44.992 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

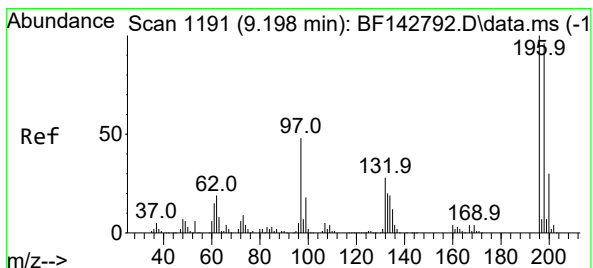
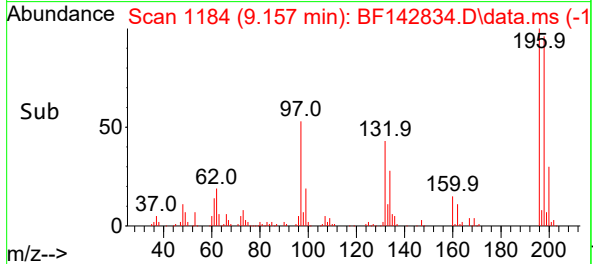
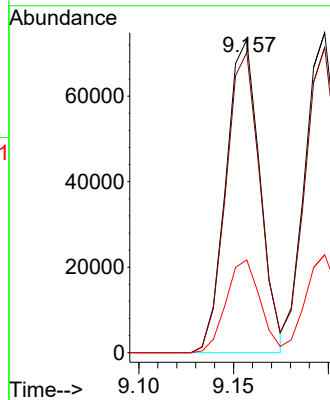
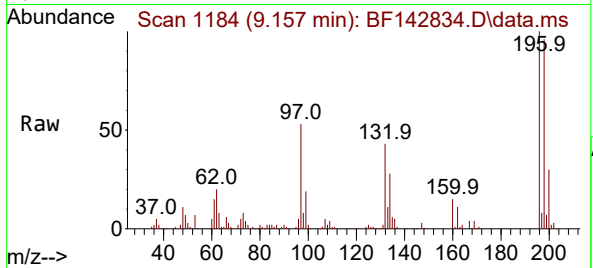
Tgt Ion:196 Resp: 91136

Ion Ratio Lower Upper

196 100

198 95.9 76.2 114.2

200 29.7 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 44.977 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Tgt Ion:196 Resp: 95905

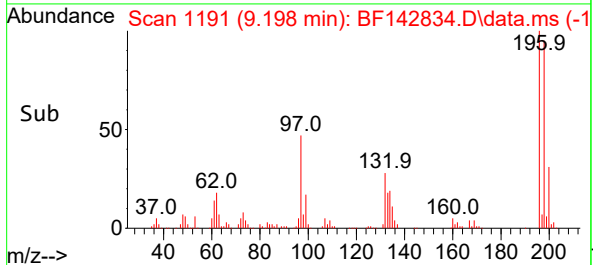
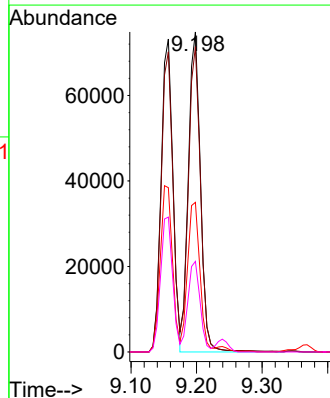
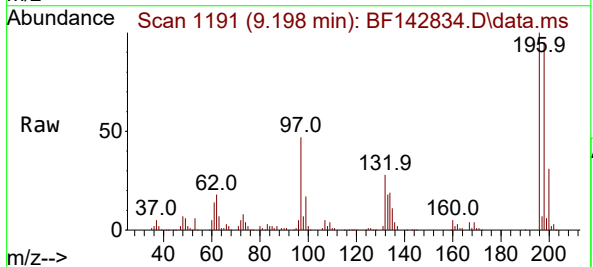
Ion Ratio Lower Upper

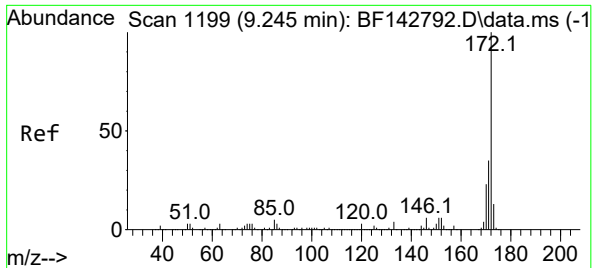
196 100

198 95.4 76.6 115.0

97 46.7 38.2 57.2

132 28.3 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 94.396 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

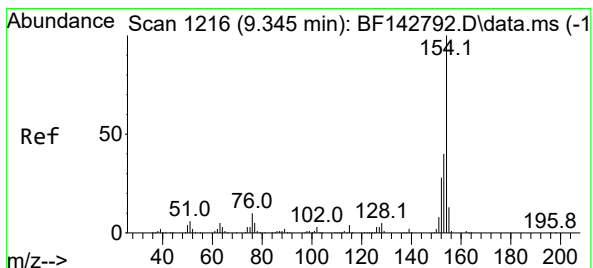
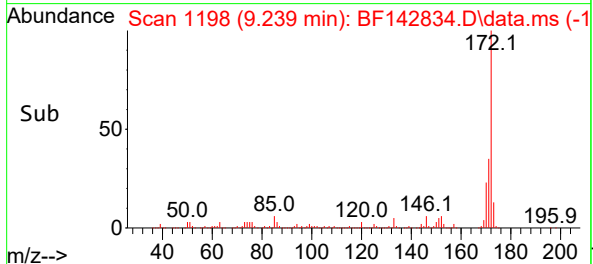
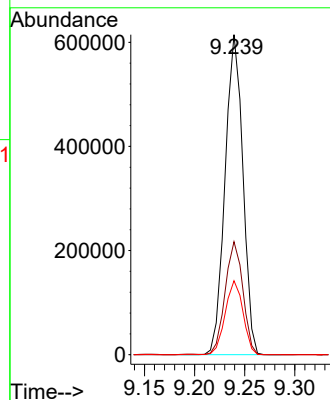
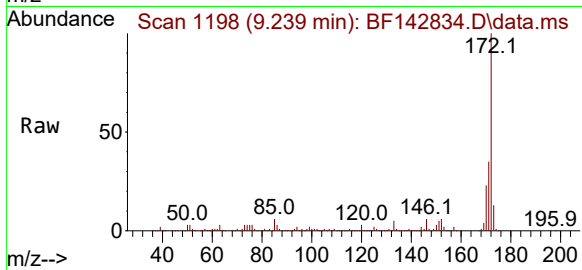
Tgt Ion:172 Resp: 757016

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.1 18.5 27.7



#46

1,1'-Biphenyl

Concen: 45.199 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

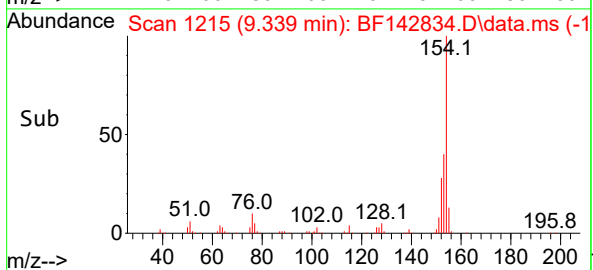
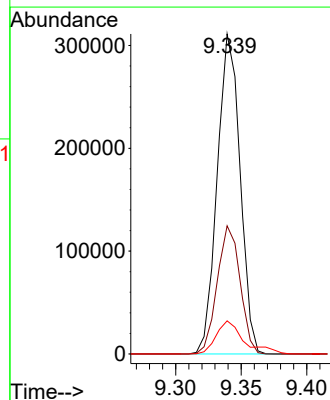
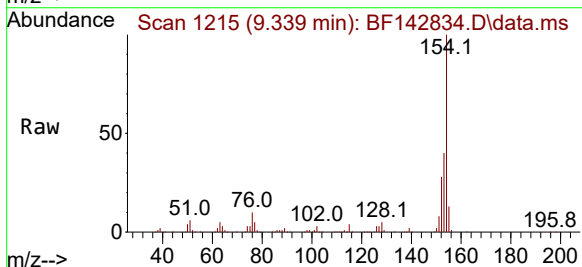
Tgt Ion:154 Resp: 376150

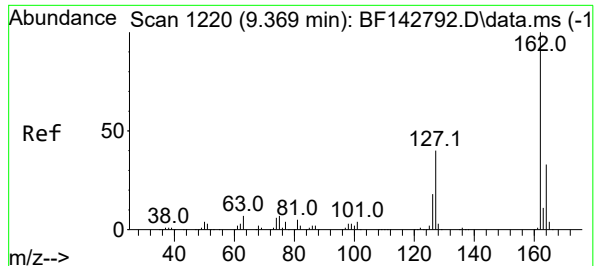
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 10.4 0.0 30.3





#47

2-Chloronaphthalene

Concen: 44.220 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

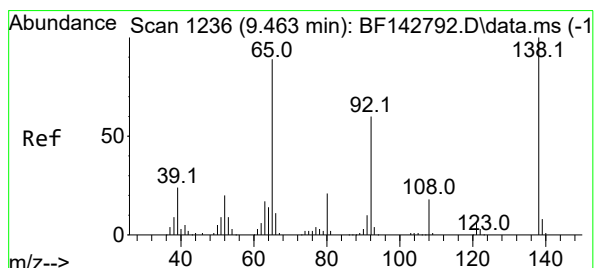
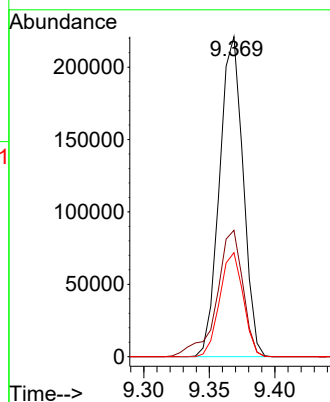
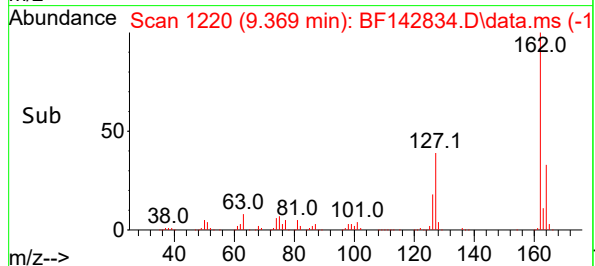
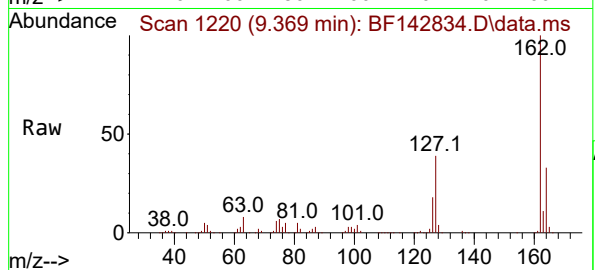
Tgt Ion:162 Resp: 276163

Ion Ratio Lower Upper

162 100

127 39.5 32.2 48.2

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 42.049 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

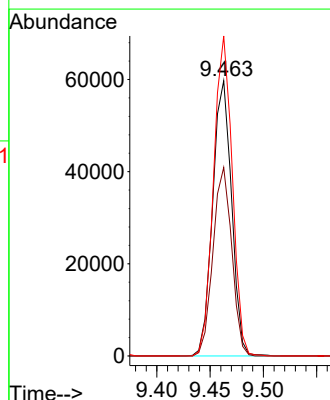
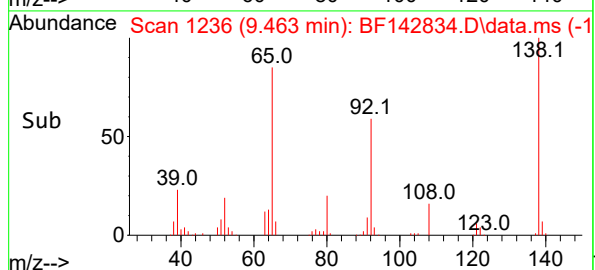
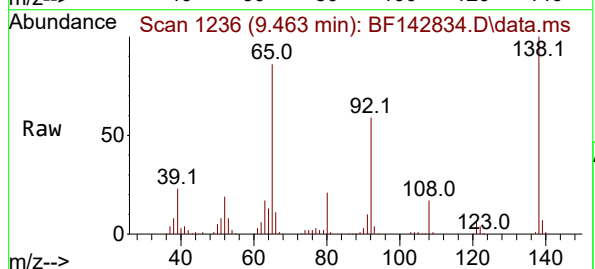
Tgt Ion: 65 Resp: 73622

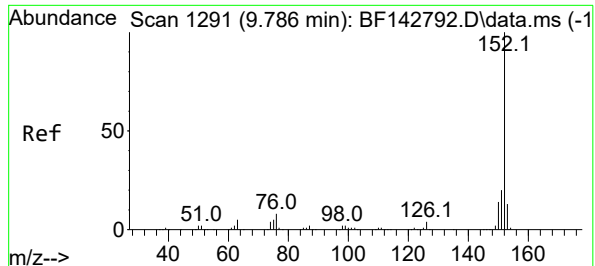
Ion Ratio Lower Upper

65 100

92 68.5 53.8 80.6

138 116.3 89.6 134.4





#49

Acenaphthylene

Concen: 41.275 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

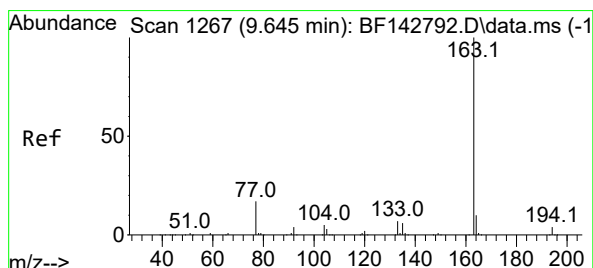
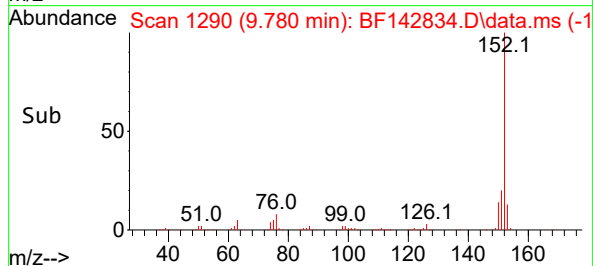
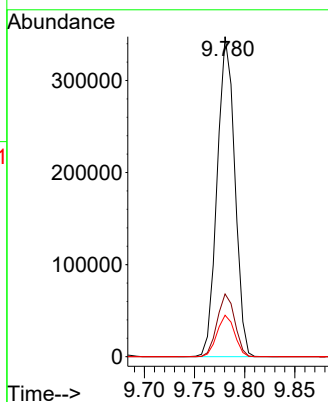
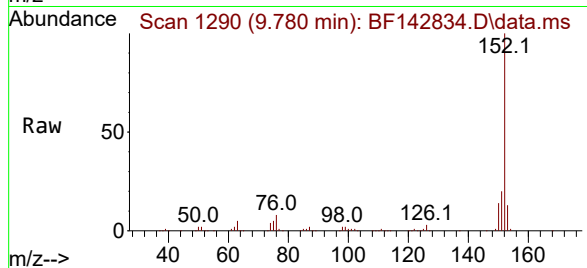
Tgt Ion:152 Resp: 424345

Ion Ratio Lower Upper

152 100

151 19.6 16.1 24.1

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 43.304 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

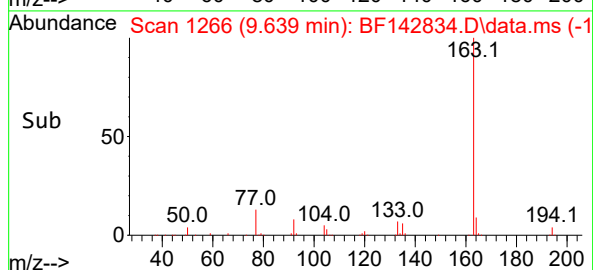
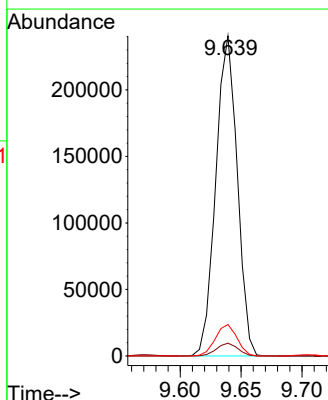
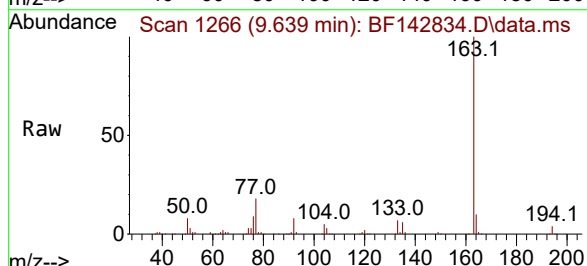
Tgt Ion:163 Resp: 295308

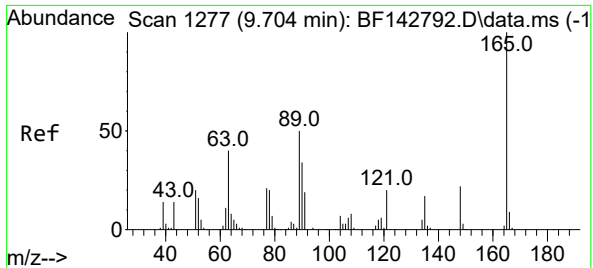
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.8 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 43.414 ng

RT: 9.704 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

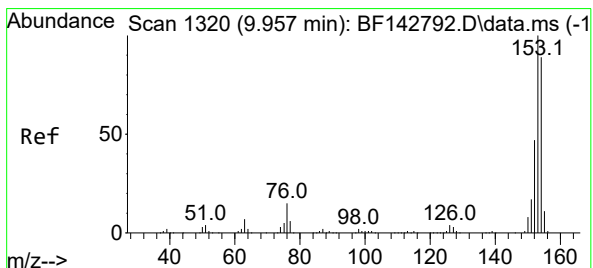
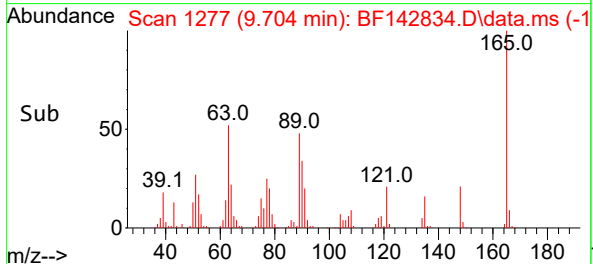
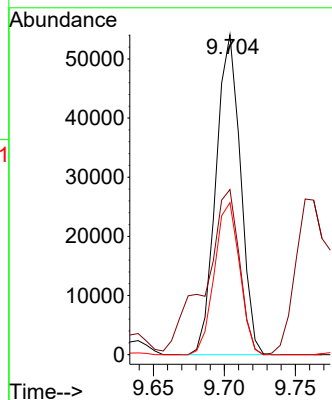
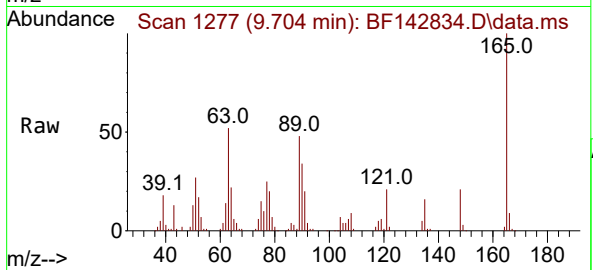
Tgt Ion:165 Resp: 65017

Ion Ratio Lower Upper

165 100

63 51.6 44.2 66.4

89 47.5 39.8 59.8



#52

Acenaphthene

Concen: 44.920 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

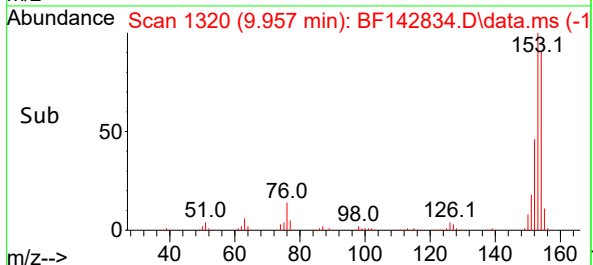
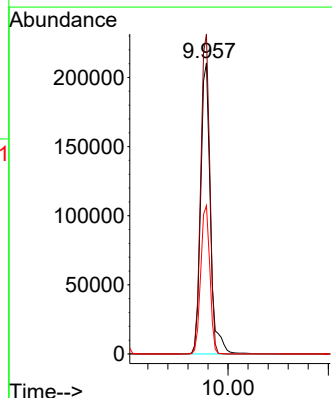
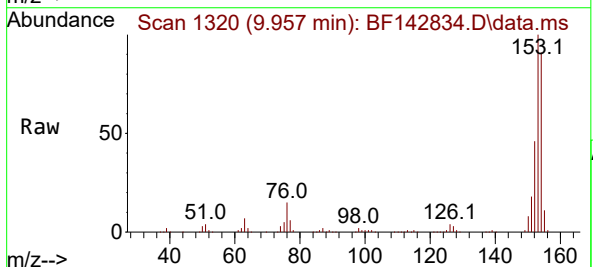
Tgt Ion:154 Resp: 281768

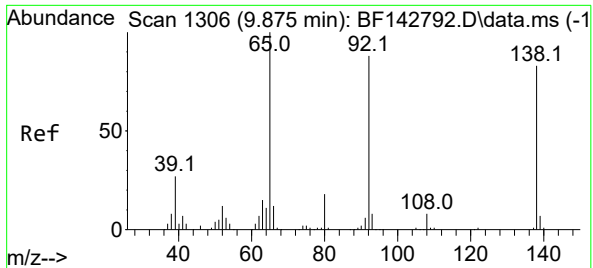
Ion Ratio Lower Upper

154 100

153 109.9 90.0 135.0

152 50.9 41.9 62.9

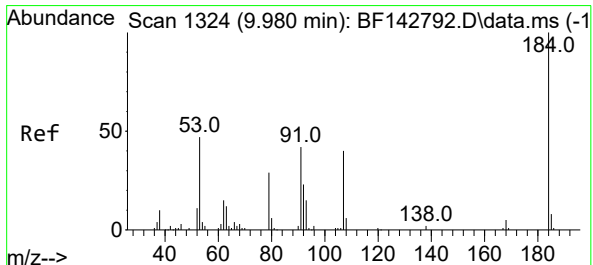
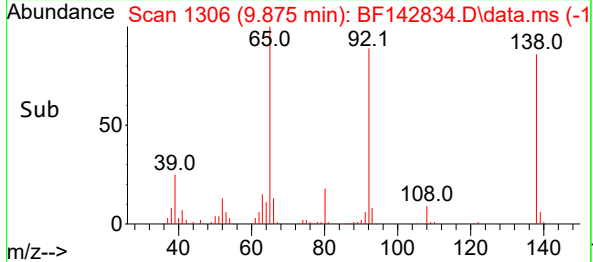
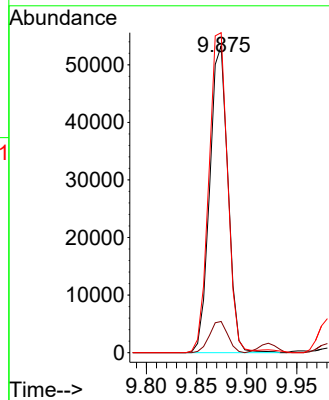
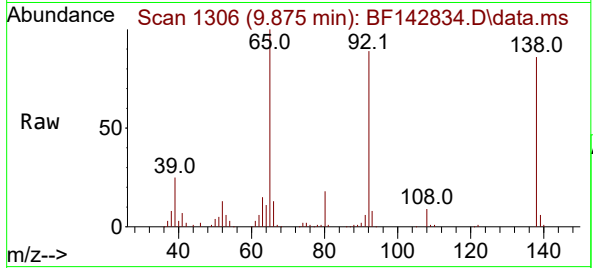




#53
3-Nitroaniline
Concen: 40.967 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

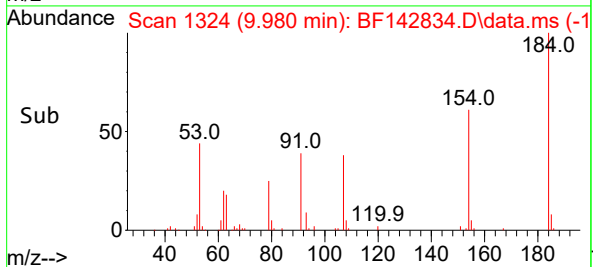
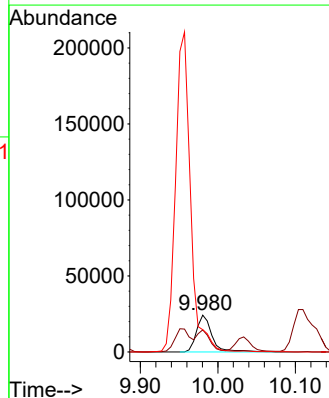
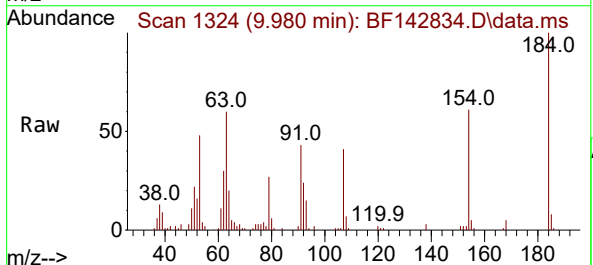
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

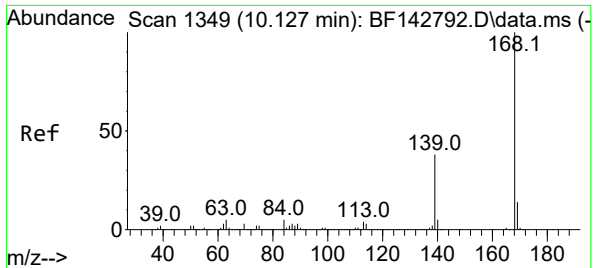
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.1	12.1
92	104.3	85.1	127.7



#54
2,4-Dinitrophenol
Concen: 44.832 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.2	50.6	75.8
154	60.7	51.8	77.8

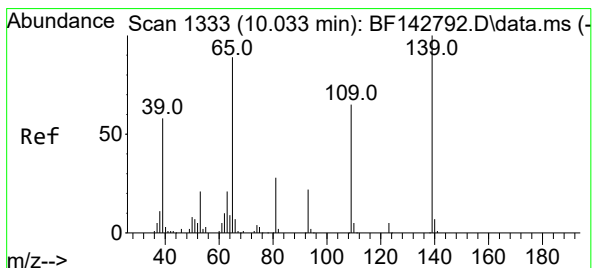
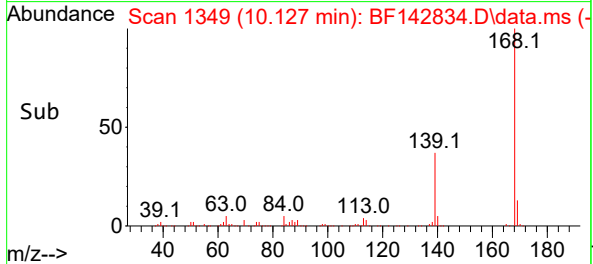
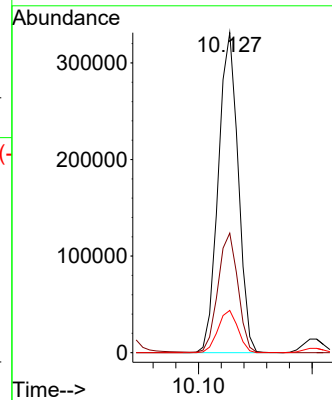
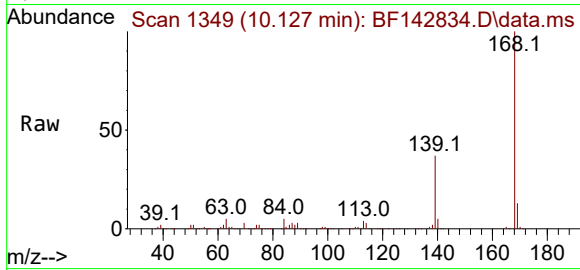




#55
Dibenzenofuran
Concen: 44.746 ng
RT: 10.127 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

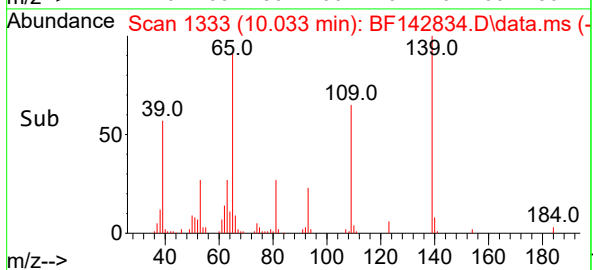
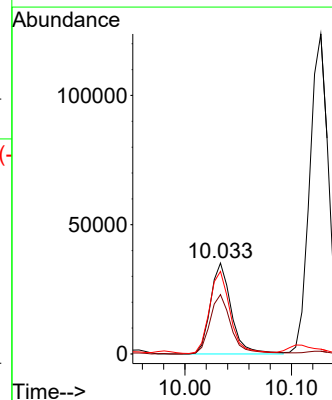
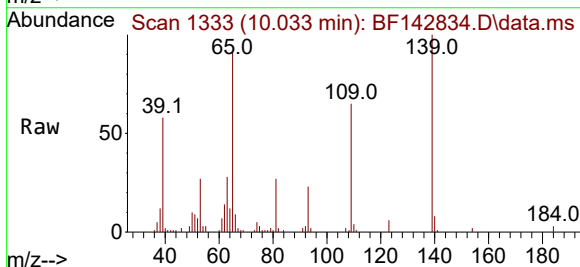
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

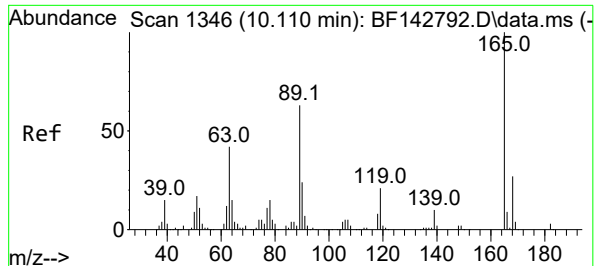
Tgt Ion:168 Resp: 402477
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 42.364 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:139 Resp: 47821
Ion Ratio Lower Upper
139 100
109 65.2 44.7 84.7
65 90.8 69.8 109.8





#57

2,4-Dinitrotoluene

Concen: 41.648 ng

RT: 10.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 82849

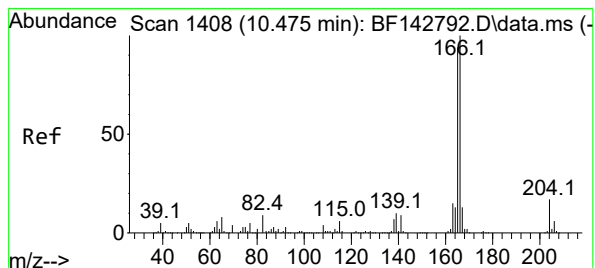
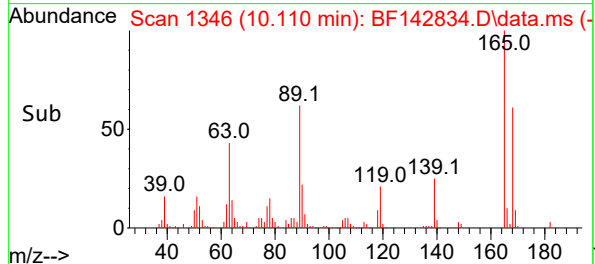
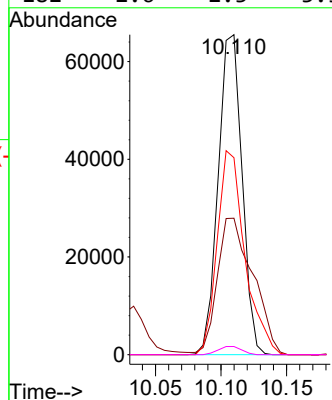
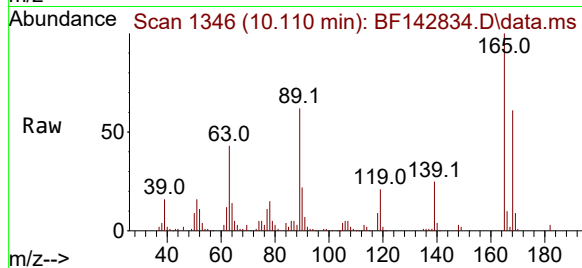
Ion Ratio Lower Upper

165 100

63 42.6 33.9 50.9

89 61.6 50.6 75.8

182 2.6 2.3 3.5



#58

Fluorene

Concen: 42.997 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

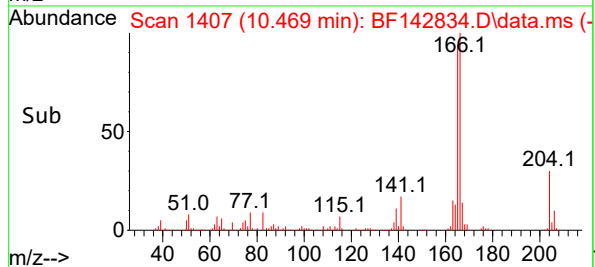
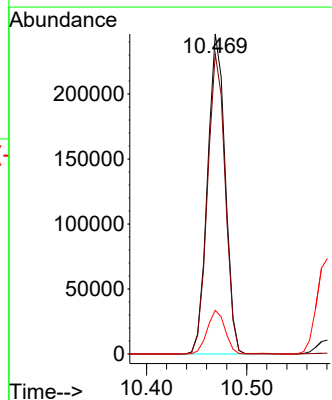
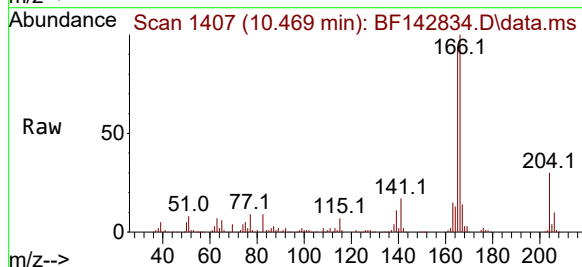
Tgt Ion:166 Resp: 302042

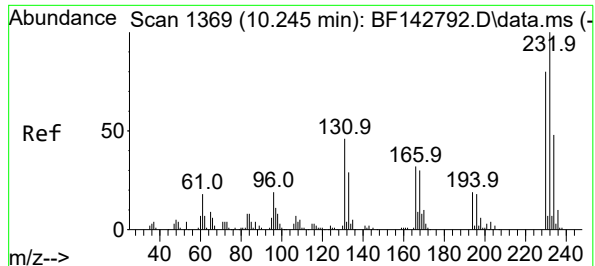
Ion Ratio Lower Upper

166 100

165 93.8 75.2 112.8

167 13.7 10.6 15.8

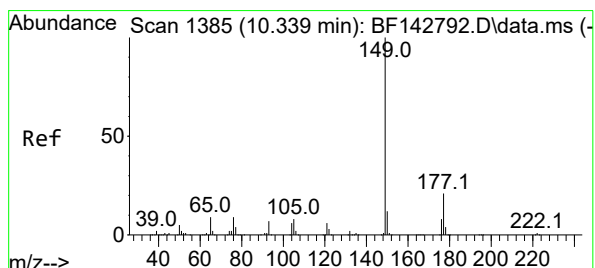
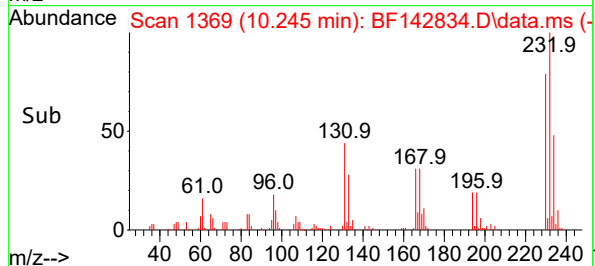
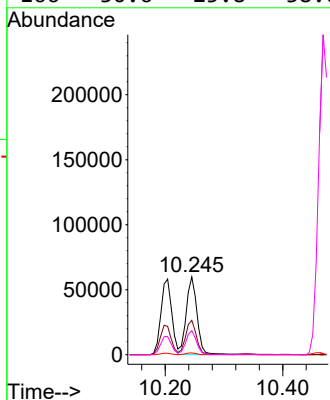
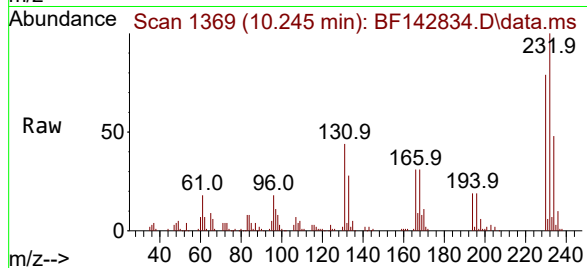




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.458 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

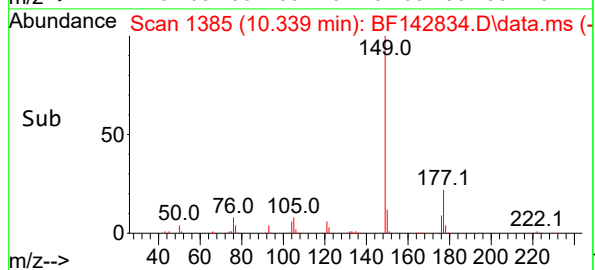
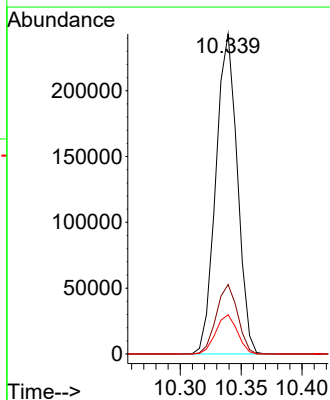
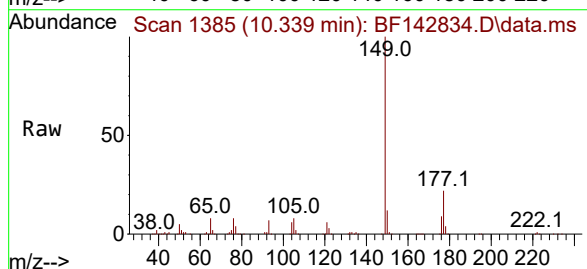
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

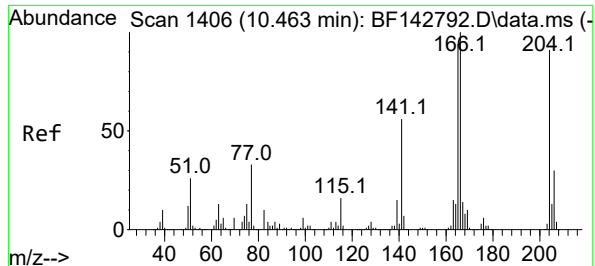
Tgt Ion:232 Resp: 76414
Ion Ratio Lower Upper
232 100
131 44.2 37.6 56.4
130 2.2 1.7 2.5
166 30.6 25.8 38.6



#60
Diethylphthalate
Concen: 44.703 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:149 Resp: 298902
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.6
150 12.3 9.8 14.6

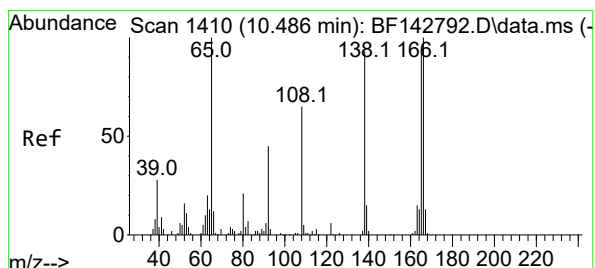
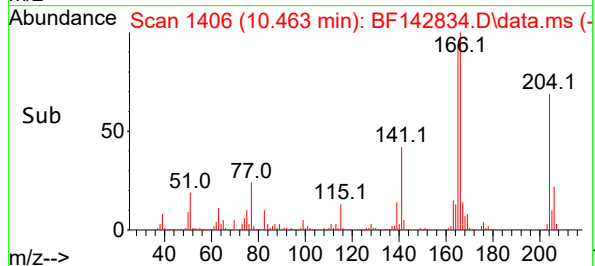
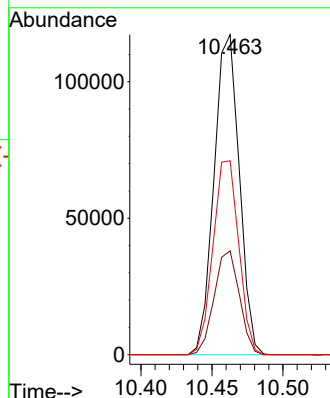
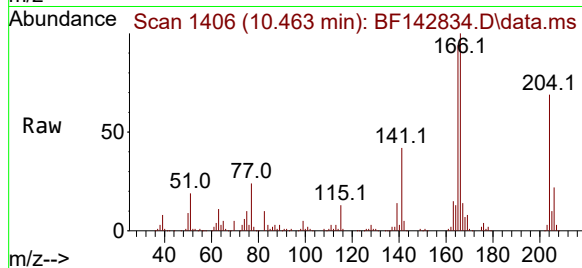




#61
4-Chlorophenyl-phenylether
Concen: 43.262 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

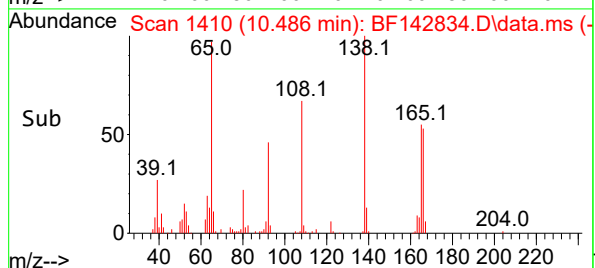
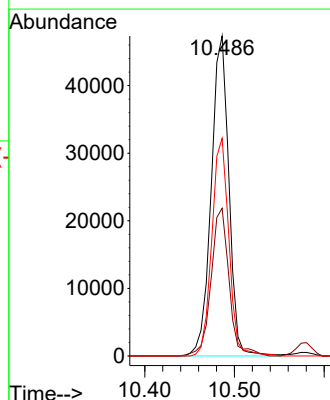
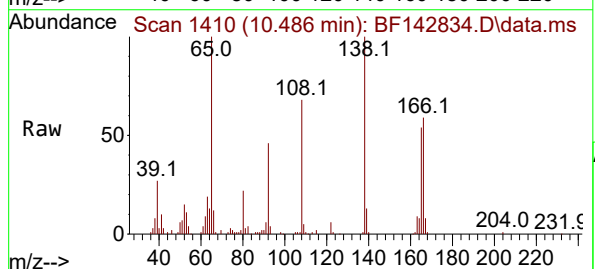
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

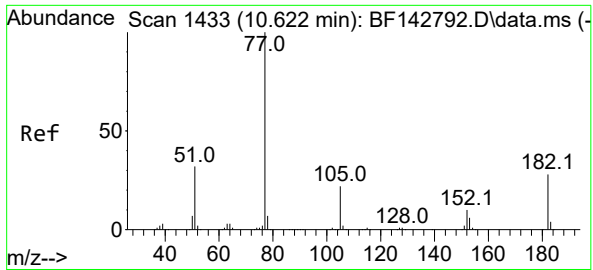
Tgt Ion:204 Resp: 145019
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 60.6 49.1 73.7



#62
4-Nitroaniline
Concen: 42.905 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:138 Resp: 64702
Ion Ratio Lower Upper
138 100
92 46.2 28.4 68.4
108 68.0 50.2 90.2

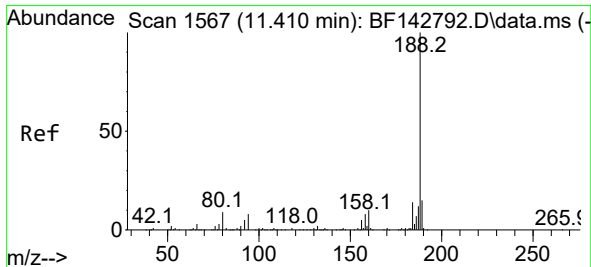
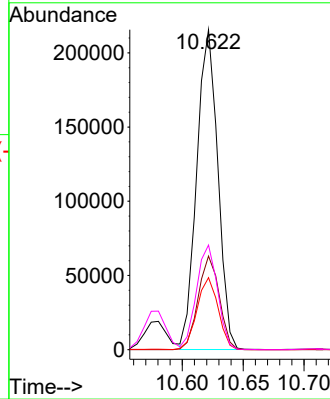
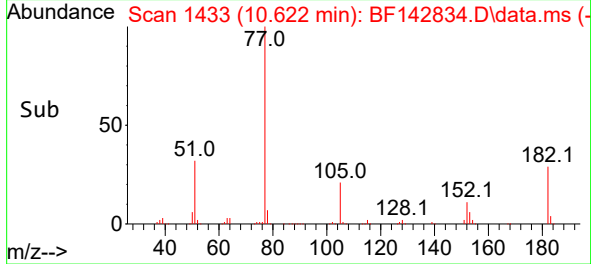
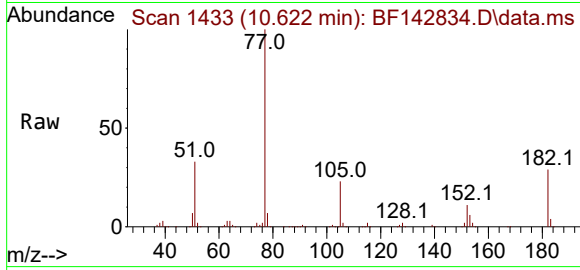




#63
Azobenzene
Concen: 43.395 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

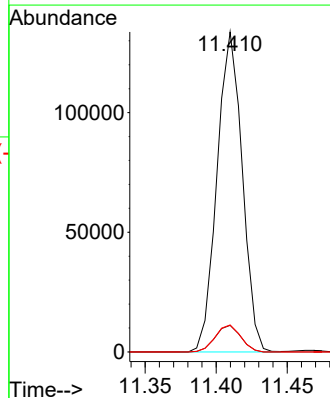
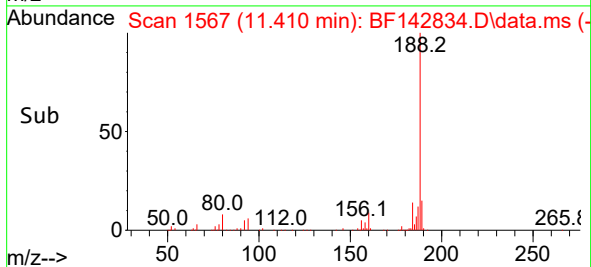
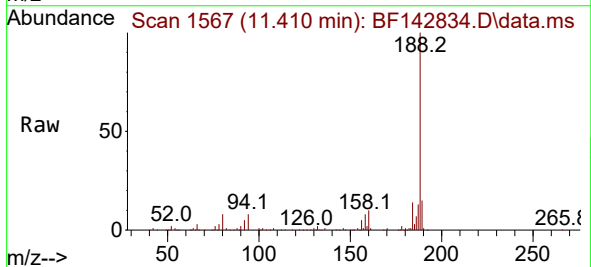
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

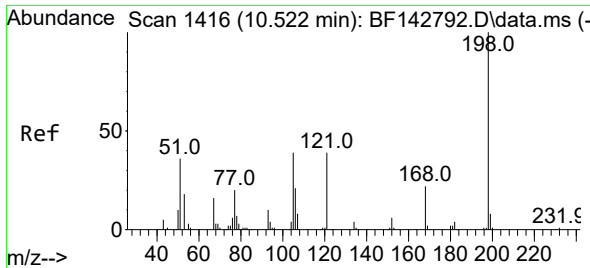
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.2	7.7	47.7
105	22.5	1.9	41.9
51	32.7	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.4	6.9	10.3

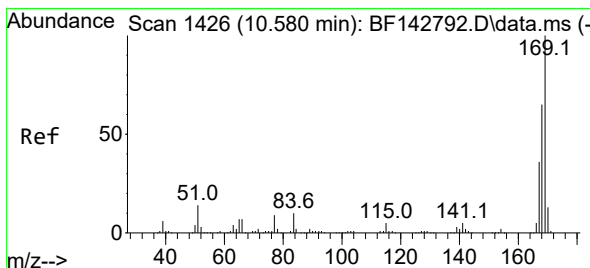
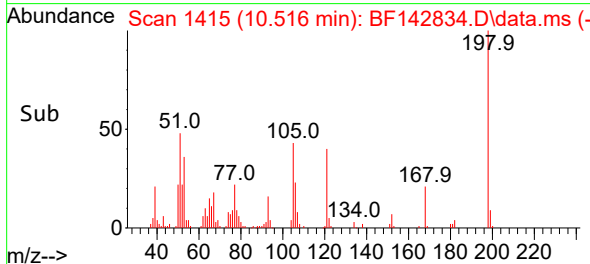
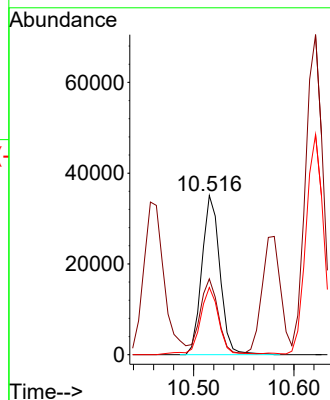
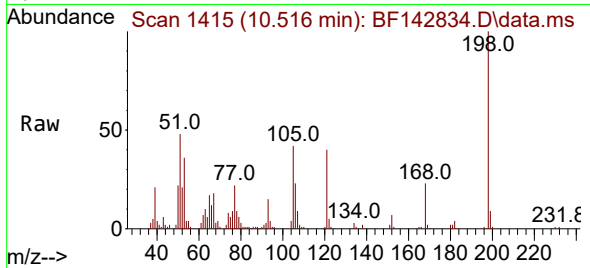




#65
4,6-Dinitro-2-methylphenol
Concen: 44.100 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

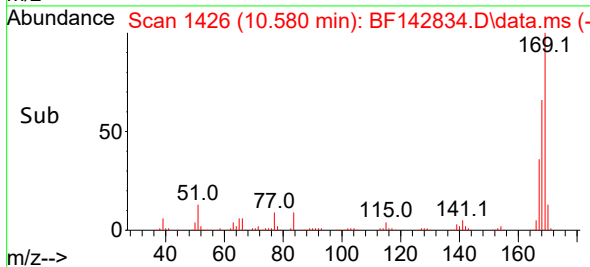
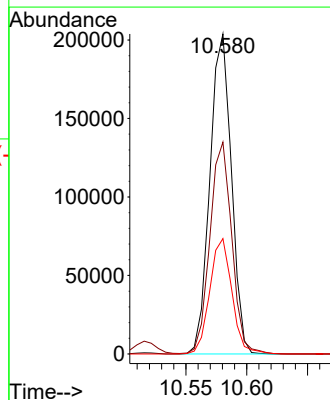
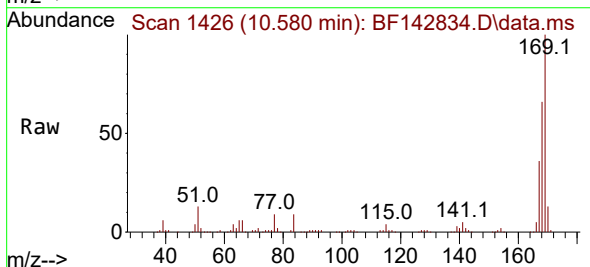
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

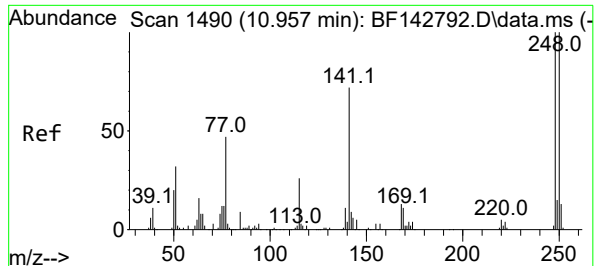
Tgt Ion:198 Resp: 44027
Ion Ratio Lower Upper
198 100
51 47.7 25.4 65.4
105 42.2 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 43.770 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:169 Resp: 250374
Ion Ratio Lower Upper
169 100
168 66.2 51.9 77.9
167 36.0 28.5 42.7

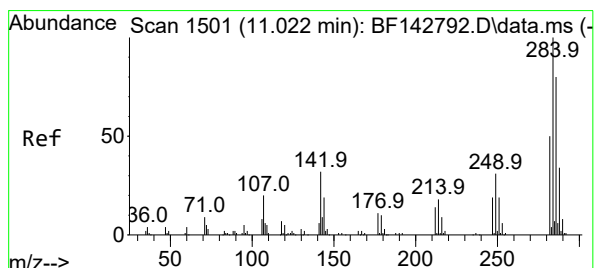
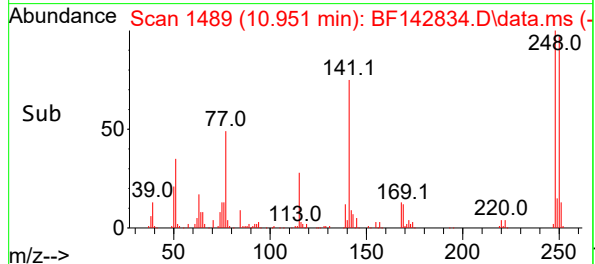
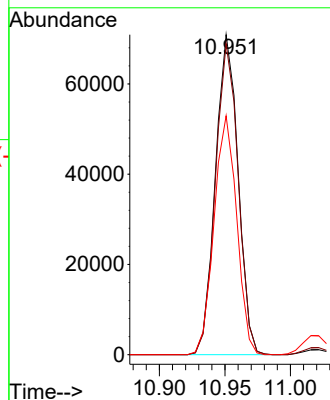
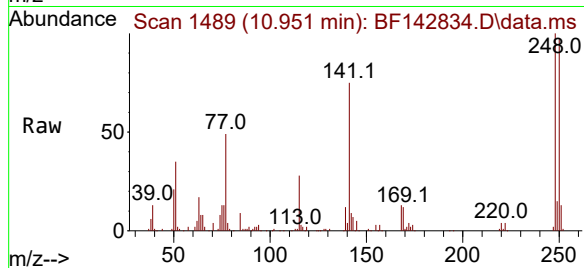




#67
4-Bromophenyl-phenylether
Concen: 45.479 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

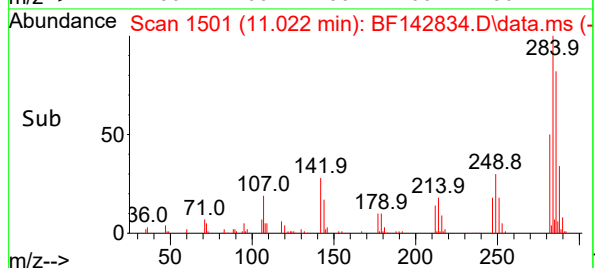
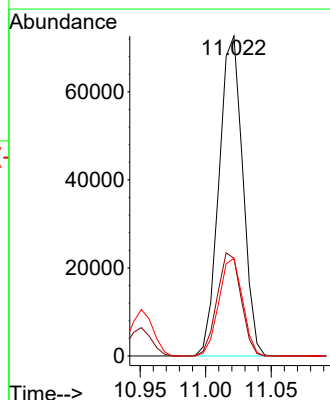
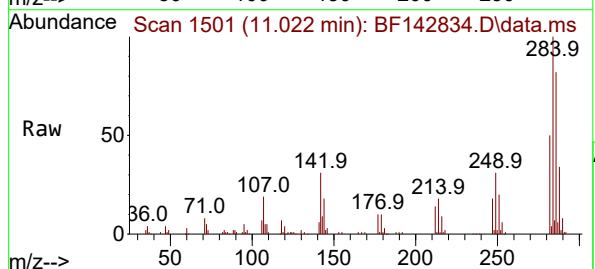
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

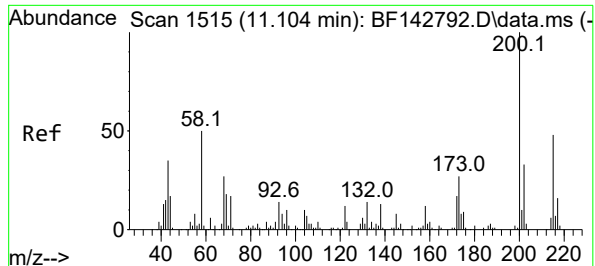
Tgt Ion:248 Resp: 85430
Ion Ratio Lower Upper
248 100
250 97.2 79.8 119.8
141 74.7 57.8 86.6



#68
Hexachlorobenzene
Concen: 43.810 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:284 Resp: 91443
Ion Ratio Lower Upper
284 100
142 30.5 25.5 38.3
249 30.5 24.9 37.3





#69

Atrazine

Concen: 44.922 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

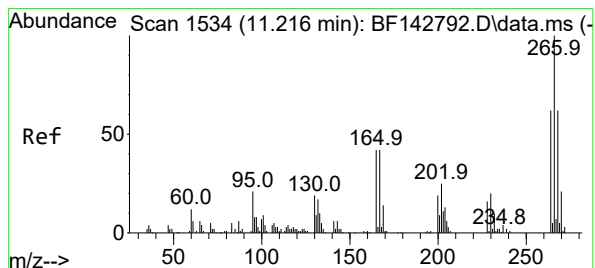
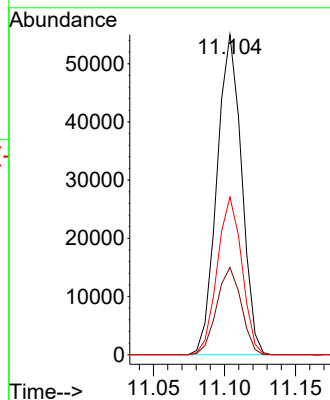
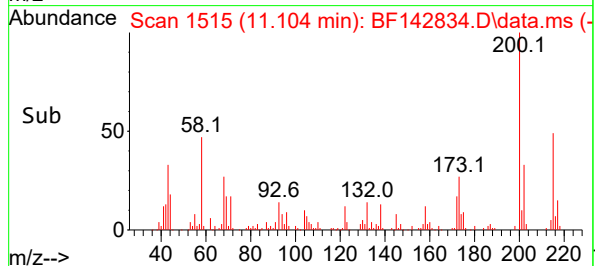
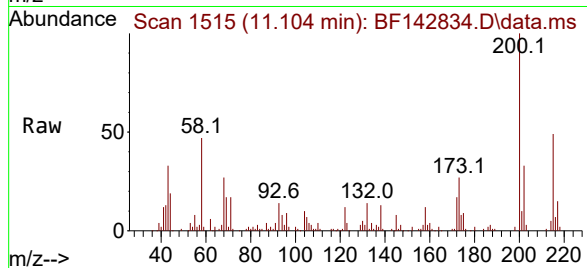
Tgt Ion:200 Resp: 66356

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 49.2 28.4 68.4



#70

Pentachlorophenol

Concen: 47.555 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

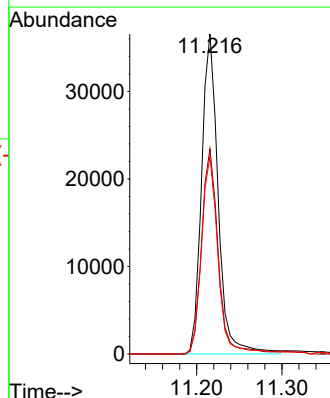
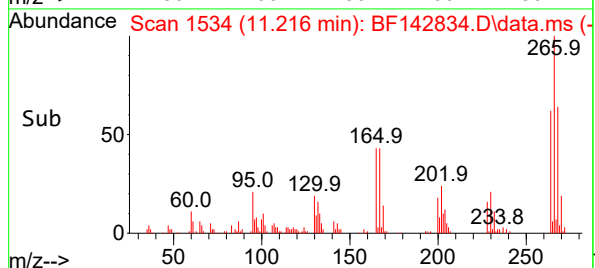
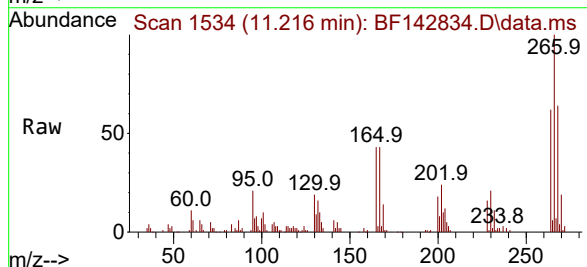
Tgt Ion:266 Resp: 49461

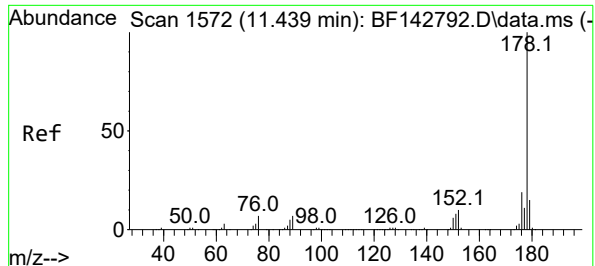
Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.8

264 61.7 49.9 74.9

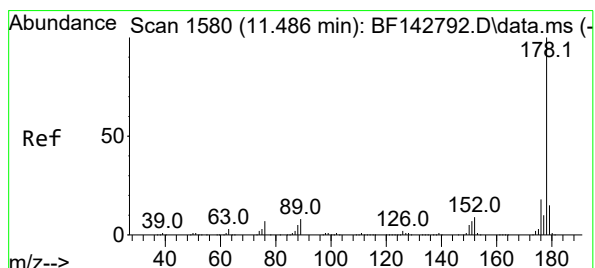
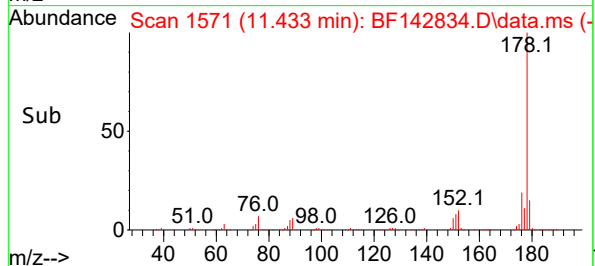
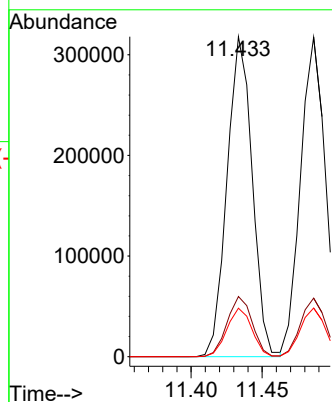
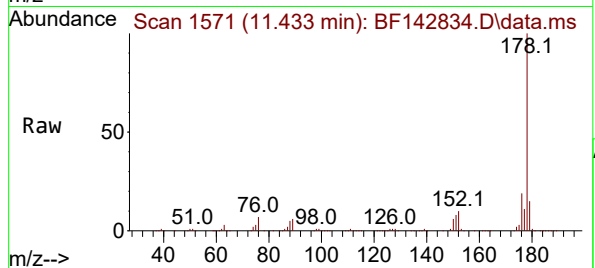




#71
Phenanthrene
Concen: 43.939 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

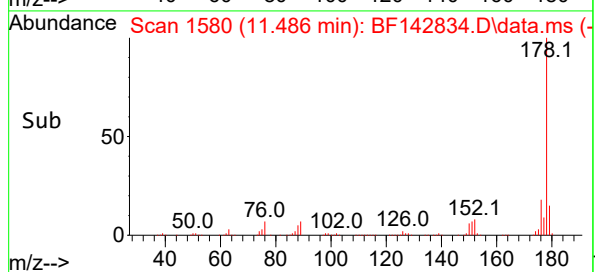
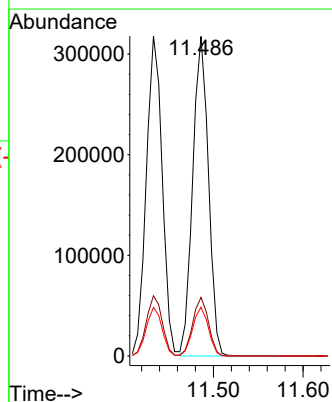
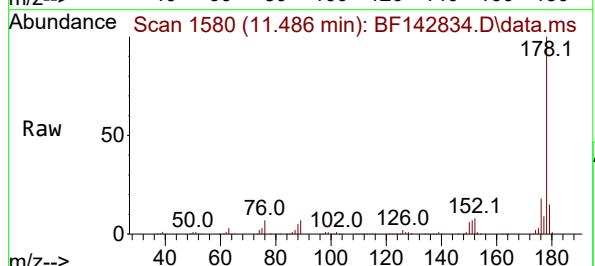
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

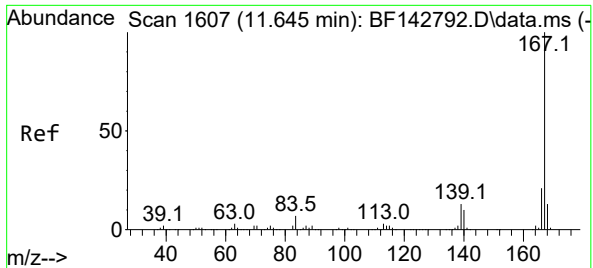
Tgt Ion:178 Resp: 392851
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.2 12.0 18.0



#72
Anthracene
Concen: 42.146 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

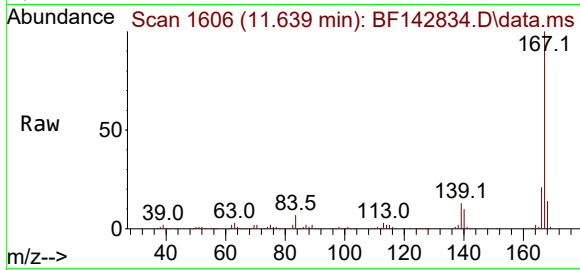
Tgt Ion:178 Resp: 386458
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.2 12.4 18.6



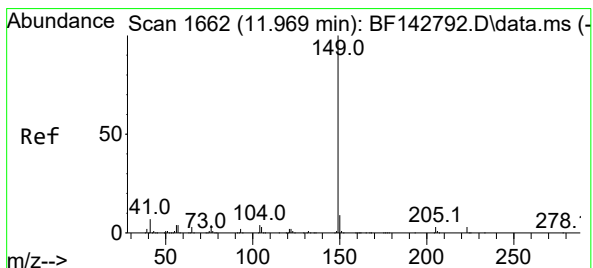
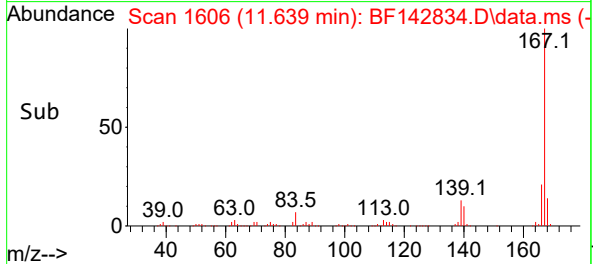
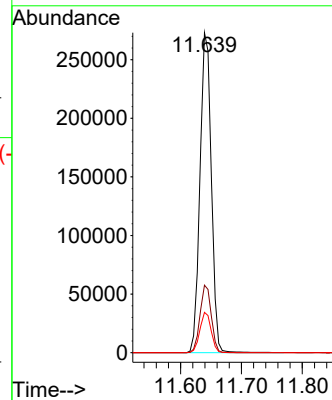


#73
Carbazole
Concen: 44.618 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

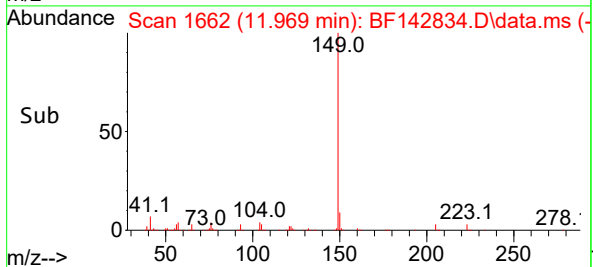
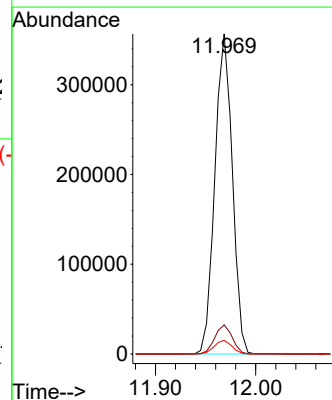
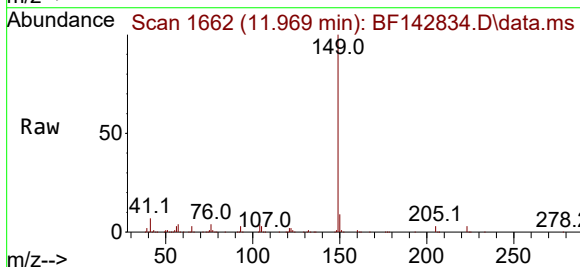


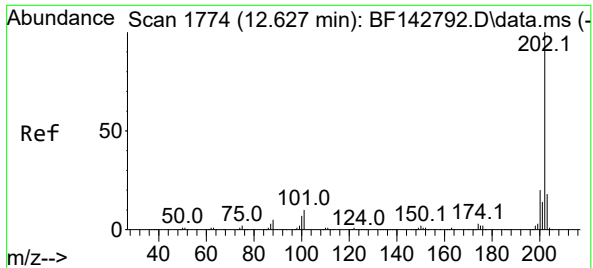
Tgt Ion:167 Resp: 353066
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.4
139 12.6 10.2 15.2



#74
Di-n-butylphthalate
Concen: 52.204 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:149 Resp: 430341
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.2 3.5 5.3

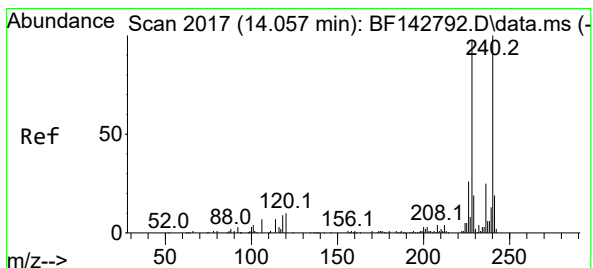
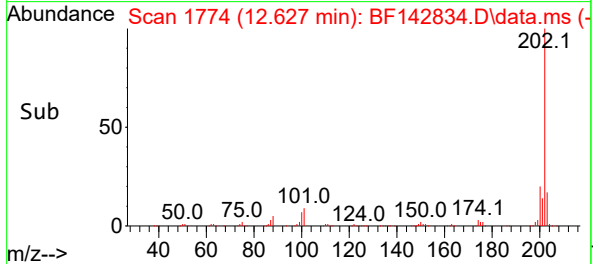
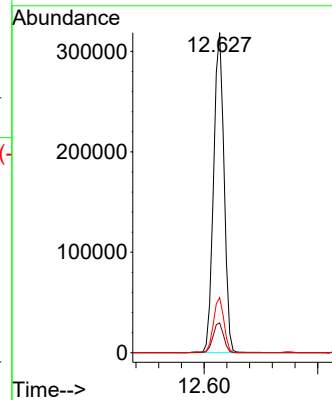
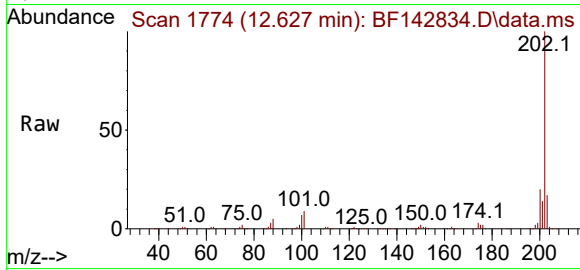




#75
Fluoranthene
Concen: 47.656 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

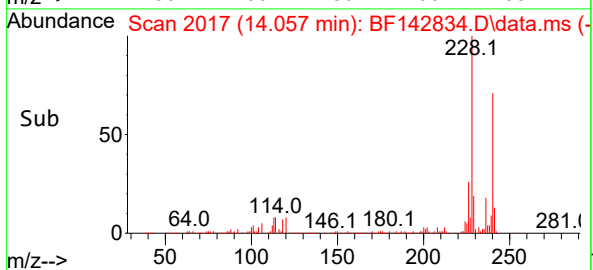
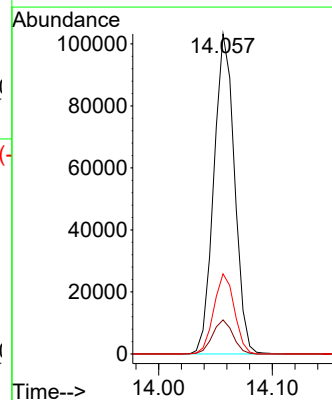
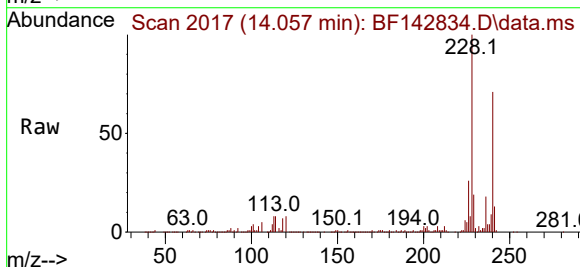
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

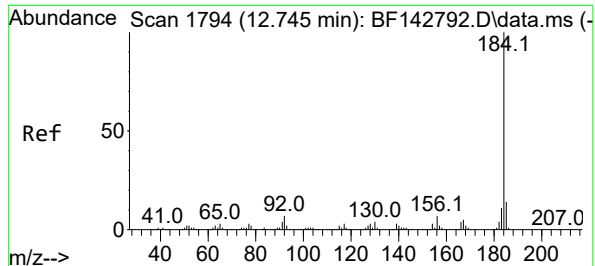
Tgt Ion:202 Resp: 404373
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.7
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:240 Resp: 130450
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 33.751 ng

RT: 12.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

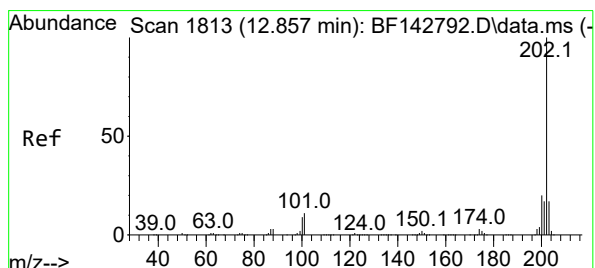
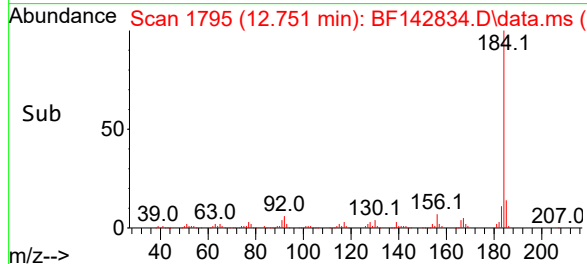
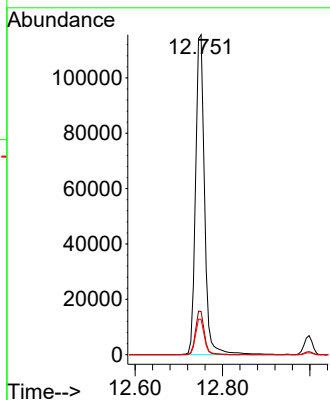
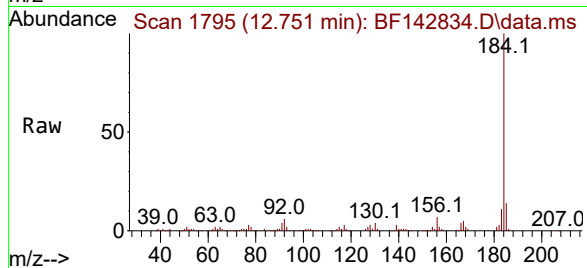
Tgt Ion:184 Resp: 165421

Ion Ratio Lower Upper

184 100

185 13.5 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 33.232 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

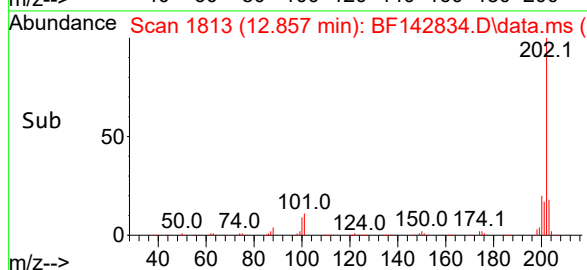
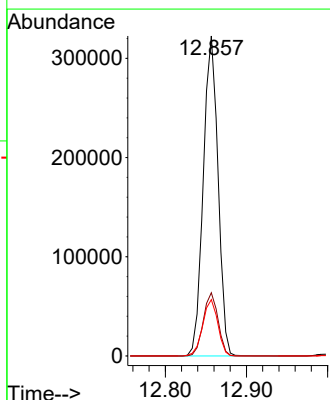
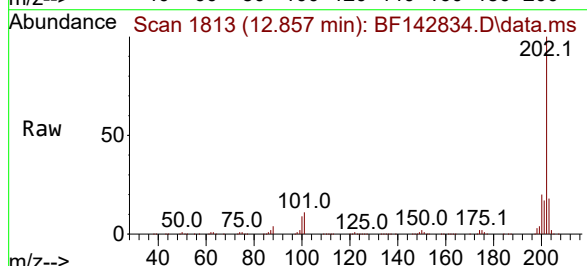
Tgt Ion:202 Resp: 406353

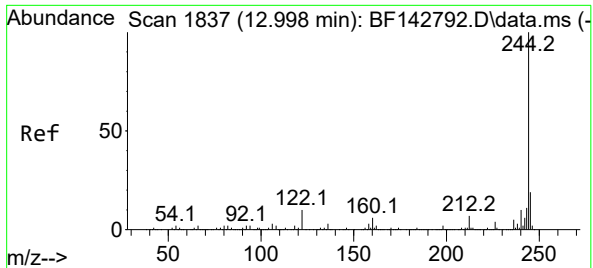
Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 70.670 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

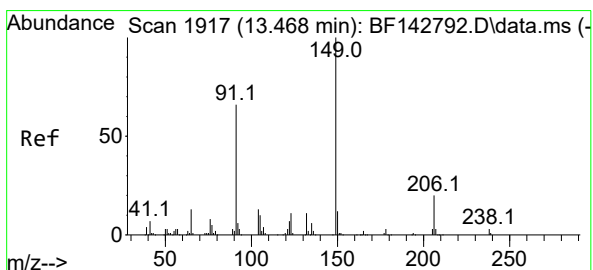
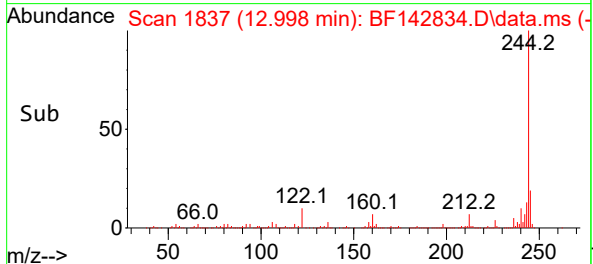
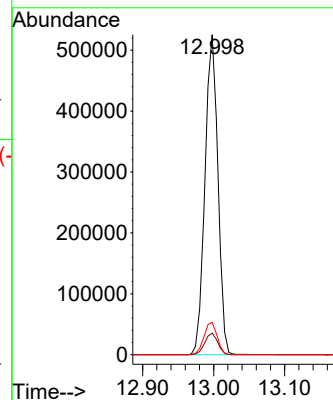
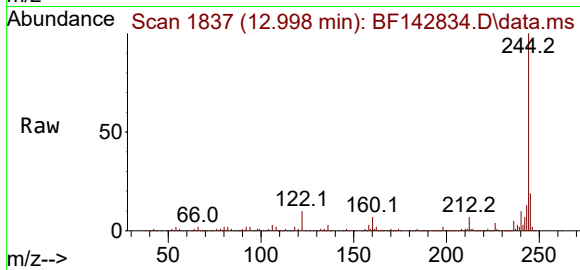
Tgt Ion:244 Resp: 667218

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 49.292 ng

RT: 13.468 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

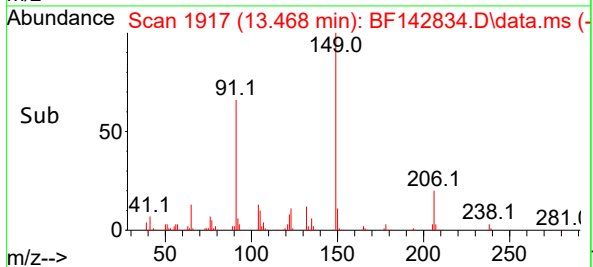
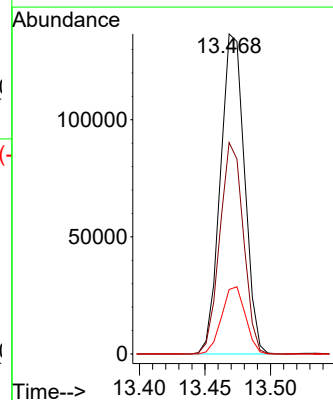
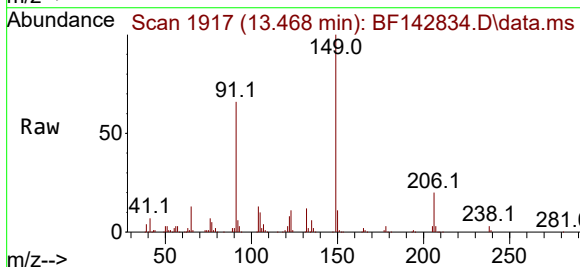
Tgt Ion:149 Resp: 174834

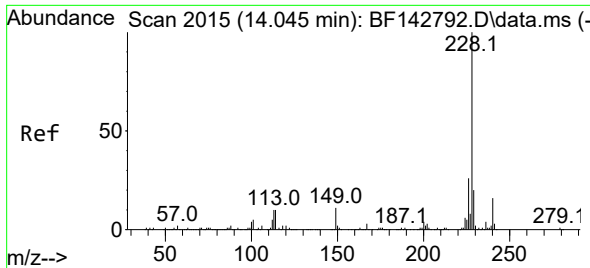
Ion Ratio Lower Upper

149 100

91 66.0 52.9 79.3

206 20.1 16.3 24.5

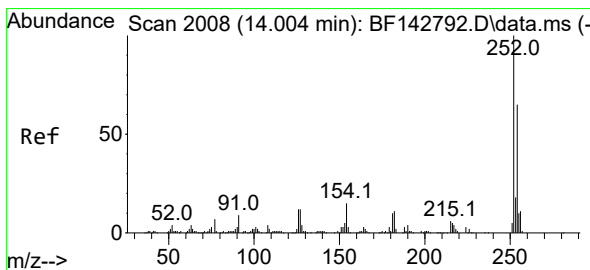
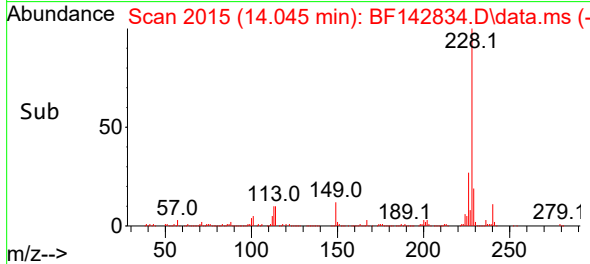
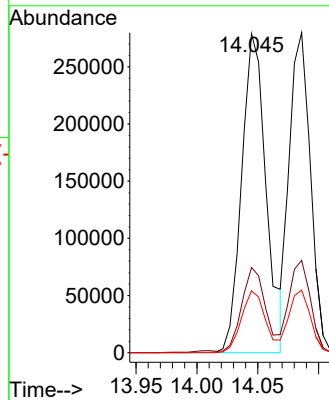
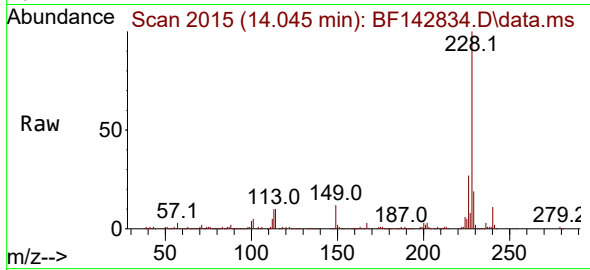




#81
Benzo(a)anthracene
Concen: 44.285 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

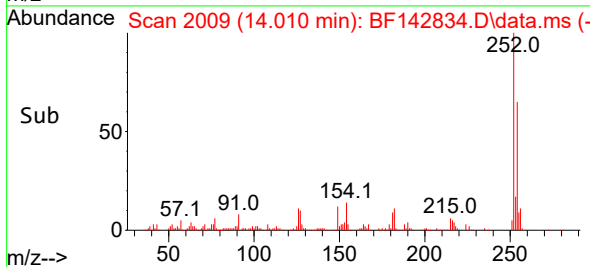
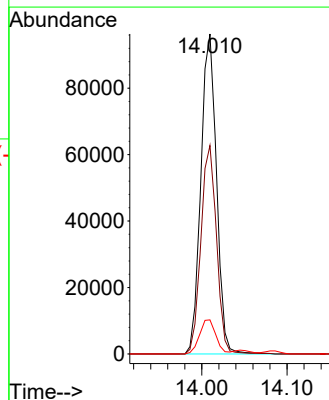
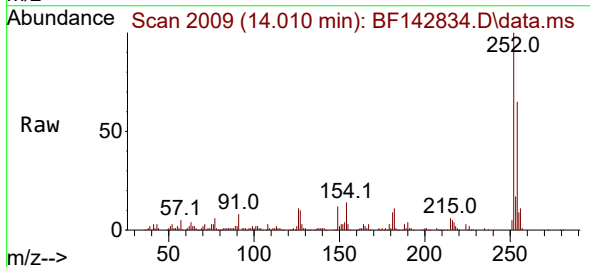
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

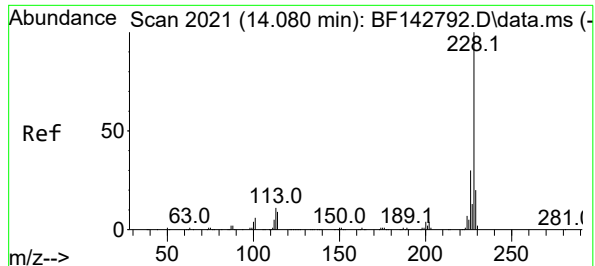
Tgt Ion:228 Resp: 389721
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.4 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 43.094 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:252 Resp: 123008
Ion Ratio Lower Upper
252 100
254 65.1 51.7 77.5
126 10.6 9.4 14.2





#83

Chrysene

Concen: 43.234 ng

RT: 14.086 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

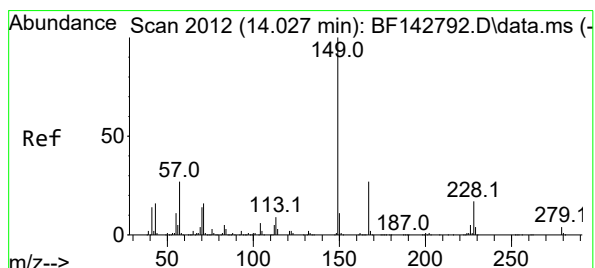
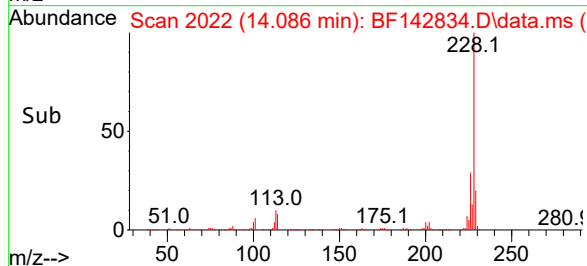
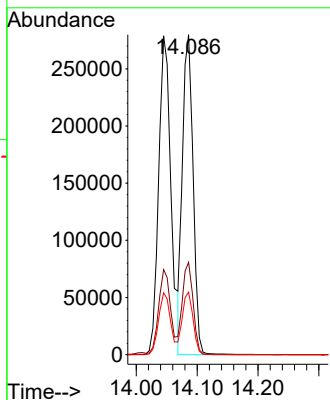
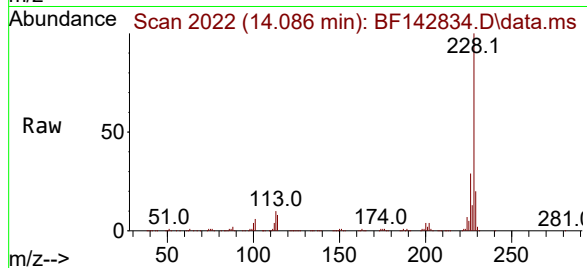
Tgt Ion:228 Resp: 339500

Ion Ratio Lower Upper

228 100

226 28.8 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.937 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

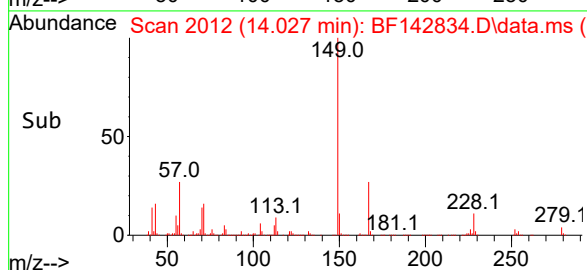
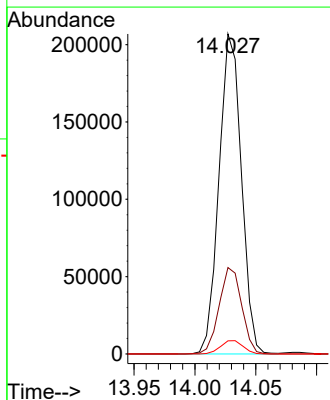
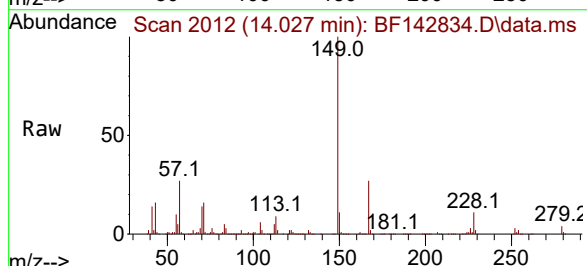
Tgt Ion:149 Resp: 265043

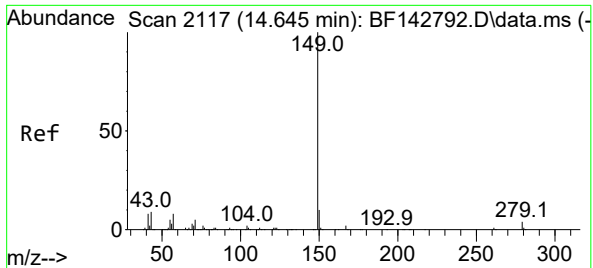
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.1 3.0 4.6

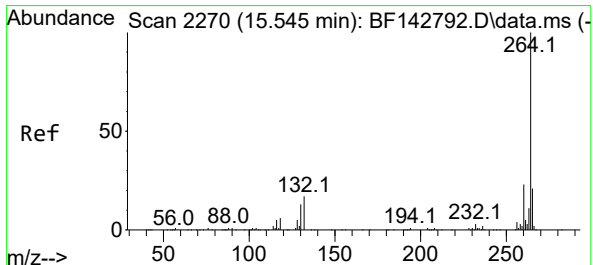
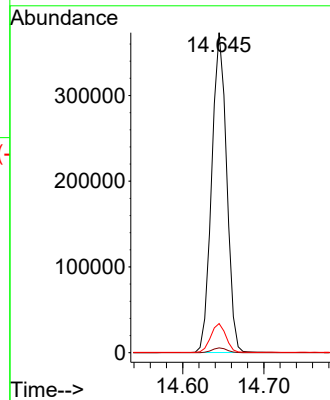
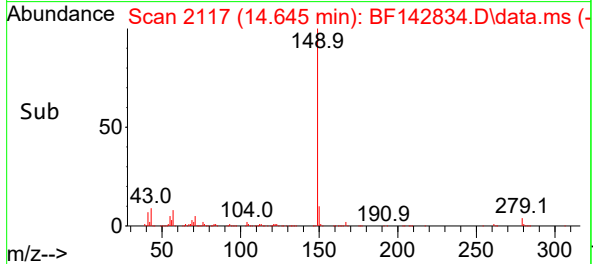
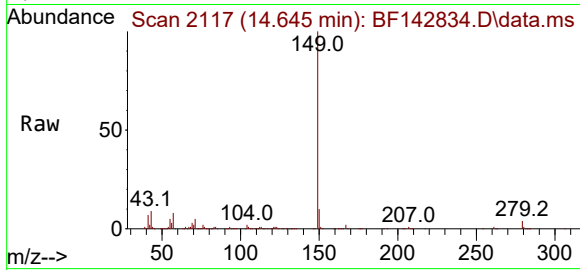




#85
Di-n-octyl phthalate
Concen: 49.504 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

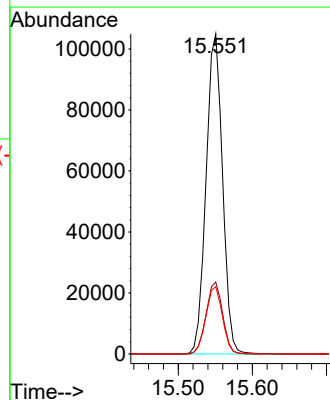
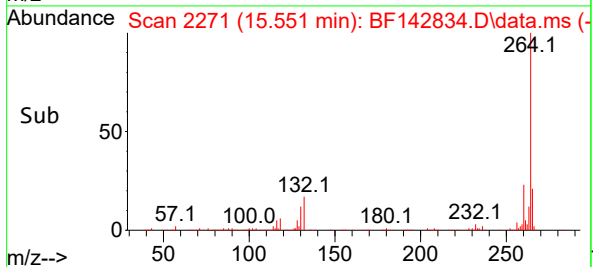
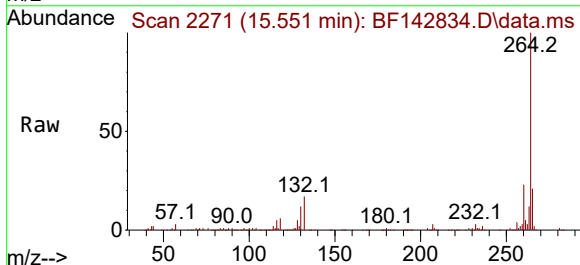
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

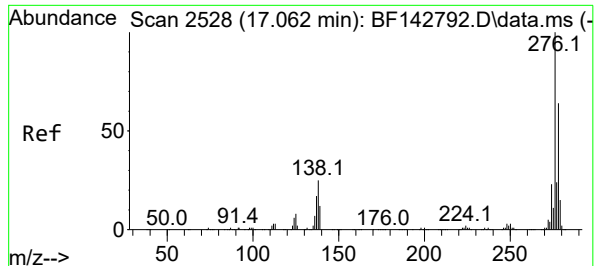
Tgt Ion:149 Resp: 476363
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:264 Resp: 161869
Ion Ratio Lower Upper
264 100
260 22.5 18.1 27.1
265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.260 ng

RT: 17.068 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

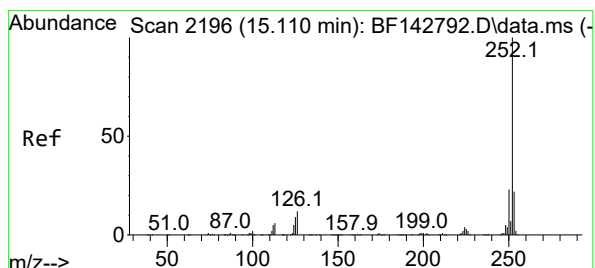
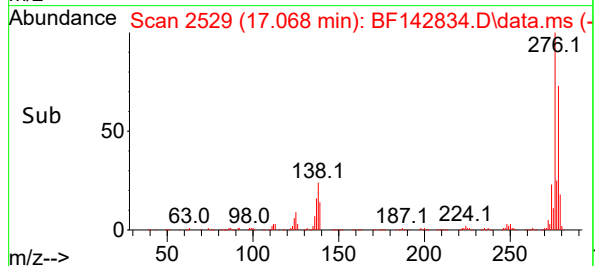
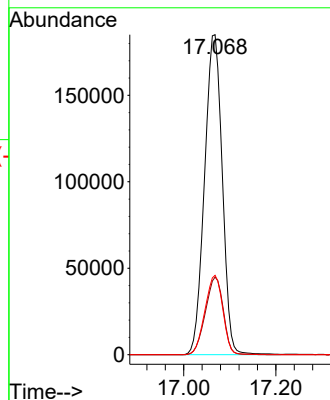
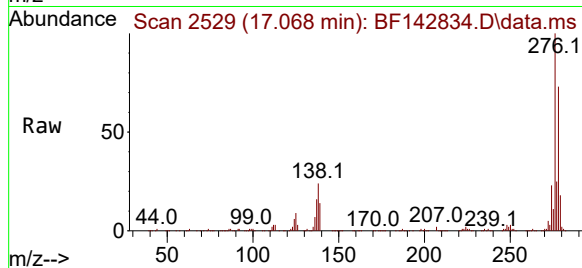
Tgt Ion:276 Resp: 496379

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.4

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 47.198 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

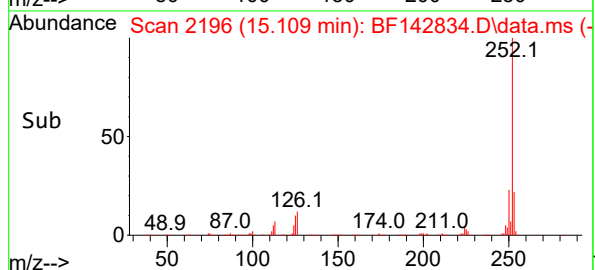
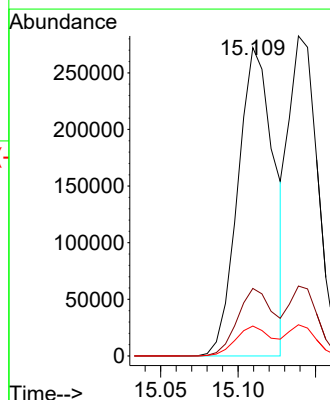
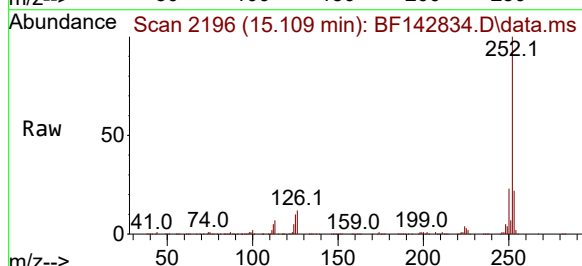
Tgt Ion:252 Resp: 442080

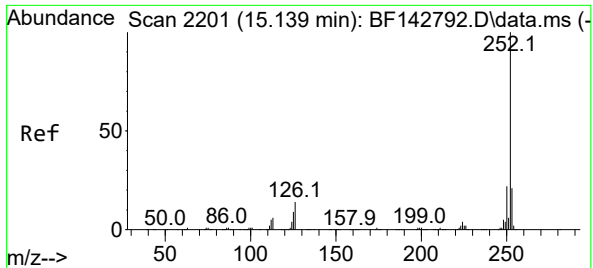
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 41.788 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

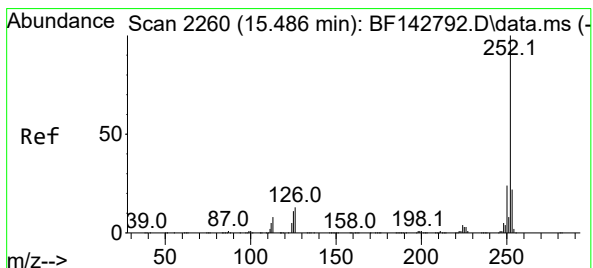
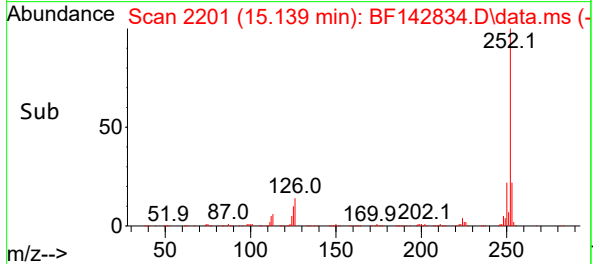
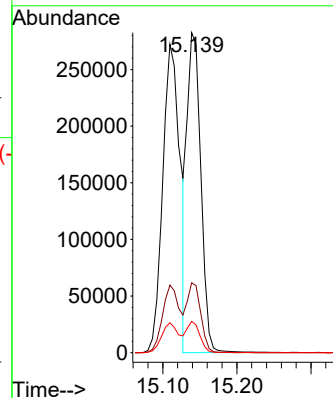
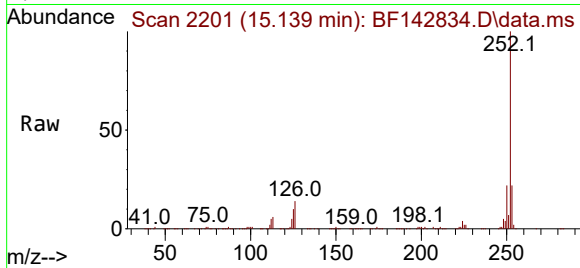
Tgt Ion:252 Resp: 366193

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.946 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

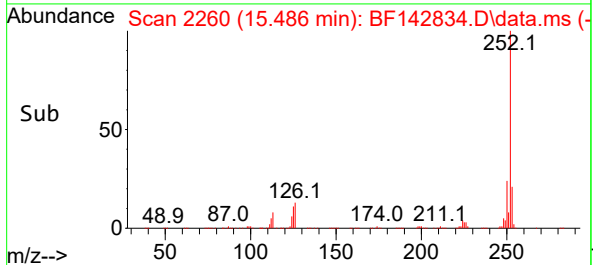
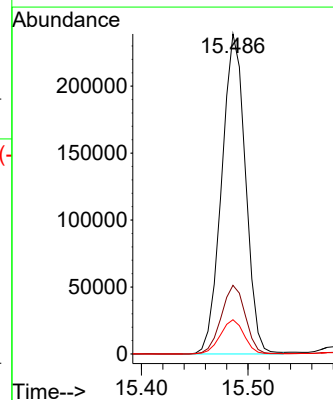
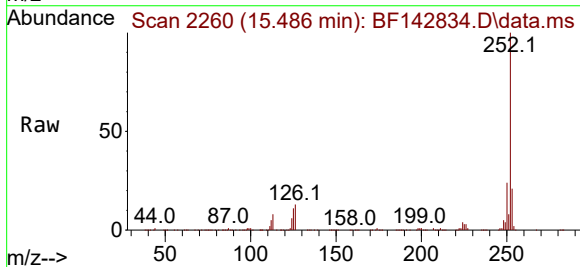
Tgt Ion:252 Resp: 370504

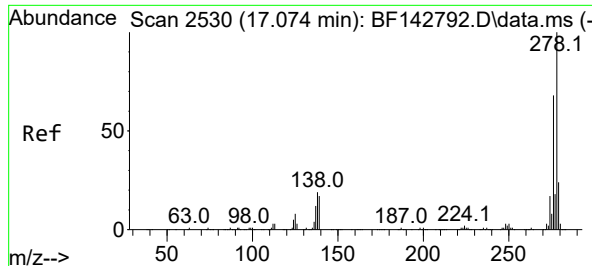
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.7 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 40.224 ng

RT: 17.080 min Scan# 2531

Delta R.T. 0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

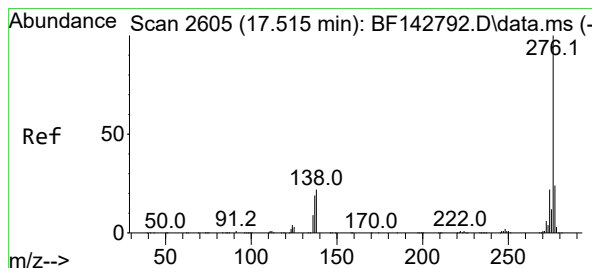
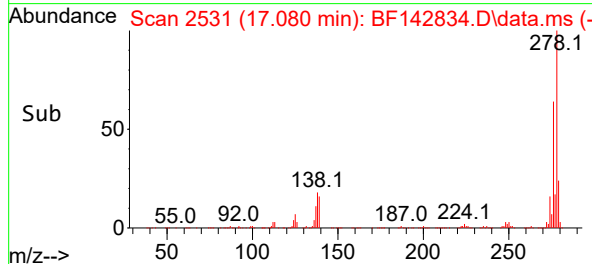
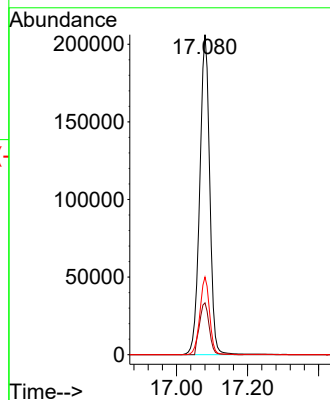
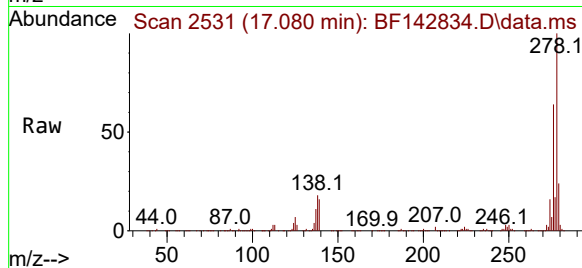
Tgt Ion:278 Resp: 402958

Ion Ratio Lower Upper

278 100

139 16.2 13.5 20.3

279 24.2 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 41.282 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

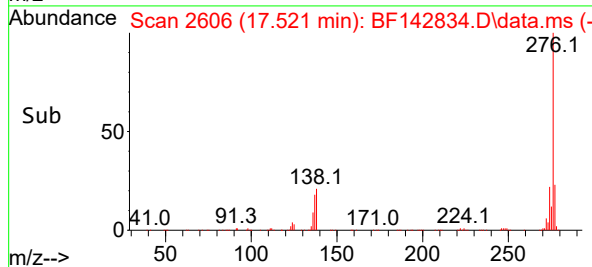
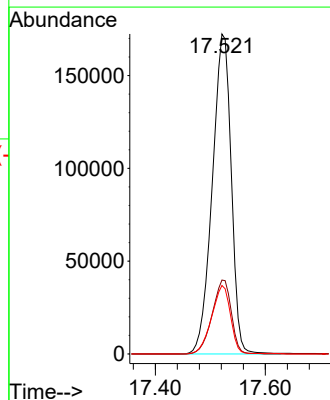
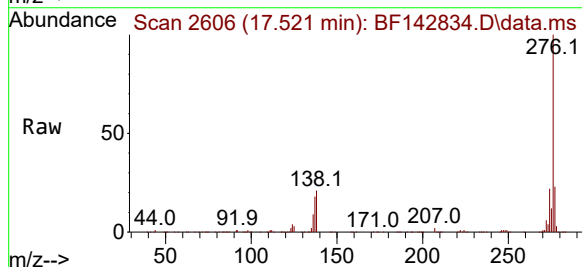
Tgt Ion:276 Resp: 412382

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 21.4 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142834.D
 Acq On : 25 Jun 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 25 14:10:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 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	75	0.00
2	1,4-Dioxane	0.480	0.501	-4.4	81	-0.02
3	Pyridine	1.205	1.244	-3.2	80	-0.02
4	n-Nitrosodimethylamine	0.623	0.648	-4.0	81	-0.02
5 S	2-Fluorophenol	1.201	1.310	-9.1	85	0.00
6	Aniline	1.886	1.455	22.9	60	0.00
7 S	Phenol-d6	1.417	1.498	-5.7	84	0.00
8	2-Chlorophenol	1.296	1.378	-6.3	83	0.00
9	Benzaldehyde	0.841	1.601	-90.4#	158#	0.00
10 C	Phenol	1.575	1.609	-2.2	79	0.00
11	bis(2-Chloroethyl)ether	1.126	1.187	-5.4	83	0.00
12	1,3-Dichlorobenzene	1.449	1.534	-5.9	83	0.00
13 C	1,4-Dichlorobenzene	1.462	1.532	-4.8	81	0.00
14	1,2-Dichlorobenzene	1.387	1.433	-3.3	81	0.00
15	Benzyl Alcohol	1.025	1.063	-3.7	82	0.00
16	2,2'-oxybis(1-Chloropropane	1.809	1.824	-0.8	79	0.00
17	2-Methylphenol	0.982	0.980	0.2	78	0.00
18	Hexachloroethane	0.511	0.536	-4.9	80	0.00
19 P	n-Nitroso-di-n-propylamine	0.824	0.810	1.7	77	0.00
20	3+4-Methylphenols	1.224	1.248	-2.0	79	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	69	0.00
22	Acetophenone	0.441	0.485	-10.0	80	0.00
23 S	Nitrobenzene-d5	0.365	0.429	-17.5	84	0.00
24	Nitrobenzene	0.330	0.360	-9.1	78	0.00
25	Isophorone	0.585	0.564	3.6	70	0.00
26 C	2-Nitrophenol	0.180	0.204	-13.3	79	0.00
27	2,4-Dimethylphenol	0.311	0.255	18.0	59	0.00
28	bis(2-Chloroethoxy)methane	0.372	0.395	-6.2	77	0.00
29 C	2,4-Dichlorophenol	0.282	0.314	-11.3	80	0.00
30	1,2,4-Trichlorobenzene	0.310	0.344	-11.0	80	0.00
31	Naphthalene	0.979	1.102	-12.6	82	0.00
32	Benzoic acid	0.159	0.196	-23.3	87	0.00
33	4-Chloroaniline	0.398	0.363	8.8	66	0.00
34 C	Hexachlorobutadiene	0.190	0.213	-12.1	80	0.00
35	Caprolactam	0.075	0.076	-1.3	74	0.00
36 C	4-Chloro-3-methylphenol	0.281	0.297	-5.7	77	0.00
37	2-Methylnaphthalene	0.607	0.706	-16.3	84	0.00
38	1-Methylnaphthalene	0.628	0.693	-10.4	80	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	65	0.00
40	1,2,4,5-Tetrachlorobenzene	0.590	0.700	-18.6	82	0.00
41 P	Hexachlorocyclopentadiene	0.335	0.399	-19.1	77	0.00
42 S	2,4,6-Tribromophenol	0.206	0.217	-5.3	70	0.00
43 C	2,4,6-Trichlorophenol	0.385	0.433	-12.5	77	0.00
44	2,4,5-Trichlorophenol	0.405	0.455	-12.3	76	0.00
45 S	2-Fluorobiphenyl	1.522	1.796	-18.0	82	0.00
46	1,1'-Biphenyl	1.580	1.785	-13.0	77	0.00
47	2-Chloronaphthalene	1.186	1.311	-10.5	76	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142834.D
 Acq On : 25 Jun 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 25 14:10:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 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	0.332	0.349	-5.1	70	0.00
49	Acenaphthylene	1.952	2.014	-3.2	70	0.00
50	Dimethylphthalate	1.295	1.402	-8.3	74	0.00
51	2,6-Dinitrotoluene	0.284	0.309	-8.8	72	0.00
52 C	Acenaphthene	1.191	1.337	-12.3	76	0.00
53	3-Nitroaniline	0.313	0.321	-2.6	69	0.00
54 P	2,4-Dinitrophenol	0.142	0.160	-12.7	73	0.00
55	Dibenzofuran	1.708	1.910	-11.8	76	0.00
56 P	4-Nitrophenol	0.214	0.227	-6.1	71	0.00
57	2,4-Dinitrotoluene	0.378	0.393	-4.0	70	0.00
58	Fluorene	1.334	1.434	-7.5	74	0.00
59	2,3,4,6-Tetrachlorophenol	0.326	0.363	-11.3	76	0.00
60	Diethylphthalate	1.269	1.419	-11.8	76	0.00
61	4-Chlorophenyl-phenylether	0.636	0.688	-8.2	75	0.00
62	4-Nitroaniline	0.286	0.307	-7.3	73	0.00
63	Azobenzene	1.134	1.231	-8.6	74	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	63	0.00
65	4,6-Dinitro-2-methylphenol	0.121	0.133	-9.9	70	0.00
66 c	n-Nitrosodiphenylamine	0.693	0.758	-9.4	71	0.00
67	4-Bromophenyl-phenylether	0.228	0.259	-13.6	74	0.00
68	Hexachlorobenzene	0.253	0.277	-9.5	72	0.00
69	Atrazine	0.179	0.201	-12.3	73	0.00
70 C	Pentachlorophenol	0.126	0.150	-19.0	75	0.00
71	Phenanthrene	1.083	1.190	-9.9	72	0.00
72	Anthracene	1.111	1.171	-5.4	69	0.00
73	Carbazole	0.959	1.070	-11.6	75	0.00
74	Di-n-butylphthalate	0.999	1.304	-30.5#	86	0.00
75 C	Fluoranthene	1.028	1.225	-19.2	80	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	92	0.00
77	Benzydine	0.751	0.634	15.6	75	0.00
78	Pyrene	1.875	1.558	16.9	82	0.00
79 S	Terphenyl-d14	1.447	1.279	11.6	88	0.00
80	Butylbenzylphthalate	0.544	0.670	-23.2	112	0.00
81	Benzo(a)anthracene	1.349	1.494	-10.7	108	0.00
82	3,3'-Dichlorobenzidine	0.438	0.471	-7.5	101	0.00
83	Chrysene	1.204	1.301	-8.1	102	0.00
84	Bis(2-ethylhexyl)phthalate	0.782	1.016	-29.9#	116	0.00
85 c	Di-n-octyl phthalate	1.475	1.826	-23.8#	114	0.00
86 I	Perylene-d12	1.000	1.000	0.0	95	0.00
87	Indeno(1,2,3-cd)pyrene	1.523	1.533	-0.7	99	0.00
88	Benzo(b)fluoranthene	1.157	1.366	-18.1	121	0.00
89	Benzo(k)fluoranthene	1.083	1.131	-4.4	104	0.00
90 C	Benzo(a)pyrene	1.118	1.144	-2.3	102	0.00
91	Dibenzo(a,h)anthracene	1.238	1.245	-0.6	100	0.00
92	Benzo(g,h,i)perylene	1.234	1.274	-3.2	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142834.D
Acq On : 25 Jun 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 25 14:10:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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\BF062525\
 Data File : BF142834.D
 Acq On : 25 Jun 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 25 14:10:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 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	75	0.00
2	1,4-Dioxane	40.000	41.682	-4.2	81	-0.02
3	Pyridine	40.000	41.299	-3.2	80	-0.02
4	n-Nitrosodimethylamine	40.000	41.588	-4.0	81	-0.02
5 S	2-Fluorophenol	80.000	87.268	-9.1	85	0.00
6	Aniline	40.000	30.853	22.9	60	0.00
7 S	Phenol-d6	80.000	84.579	-5.7	84	0.00
8	2-Chlorophenol	40.000	42.535	-6.3	83	0.00
9	Benzaldehyde	40.000	76.157	-90.4#	158	0.00
10 C	Phenol	40.000	40.861	-2.2	79	0.00
11	bis(2-Chloroethyl)ether	40.000	42.163	-5.4	83	0.00
12	1,3-Dichlorobenzene	40.000	42.346	-5.9	83	0.00
13 C	1,4-Dichlorobenzene	40.000	41.902	-4.8	81	0.00
14	1,2-Dichlorobenzene	40.000	41.338	-3.3	81	0.00
15	Benzyl Alcohol	40.000	41.513	-3.8	82	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.342	-0.9	79	0.00
17	2-Methylphenol	40.000	39.900	0.3	78	0.00
18	Hexachloroethane	40.000	41.888	-4.7	80	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.316	1.7	77	0.00
20	3+4-Methylphenols	40.000	40.784	-2.0	79	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	69	0.00
22	Acetophenone	40.000	43.958	-9.9	80	0.00
23 S	Nitrobenzene-d5	80.000	94.152	-17.7	84	0.00
24	Nitrobenzene	40.000	43.639	-9.1	78	0.00
25	Isophorone	40.000	38.568	3.6	70	0.00
26 C	2-Nitrophenol	40.000	45.422	-13.6	79	0.00
27	2,4-Dimethylphenol	40.000	32.712	18.2	59	0.00
28	bis(2-Chloroethoxy)methane	40.000	42.437	-6.1	77	0.00
29 C	2,4-Dichlorophenol	40.000	44.470	-11.2	80	0.00
30	1,2,4-Trichlorobenzene	40.000	44.376	-10.9	80	0.00
31	Naphthalene	40.000	45.044	-12.6	82	0.00
32	Benzoic acid	40.000	49.345	-23.4	87	0.00
33	4-Chloroaniline	40.000	36.468	8.8	66	0.00
34 C	Hexachlorobutadiene	40.000	44.953	-12.4	80	0.00
35	Caprolactam	40.000	40.950	-2.4	74	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.309	-5.8	77	0.00
37	2-Methylnaphthalene	40.000	46.536	-16.3	84	0.00
38	1-Methylnaphthalene	40.000	44.105	-10.3	80	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	65	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	47.441	-18.6	82	0.00
41 P	Hexachlorocyclopentadiene	40.000	47.699	-19.2	77	0.00
42 S	2,4,6-Tribromophenol	80.000	84.173	-5.2	70	0.00
43 C	2,4,6-Trichlorophenol	40.000	44.992	-12.5	77	0.00
44	2,4,5-Trichlorophenol	40.000	44.977	-12.4	76	0.00
45 S	2-Fluorobiphenyl	80.000	94.396	-18.0	82	0.00
46	1,1'-Biphenyl	40.000	45.199	-13.0	77	0.00
47	2-Chloronaphthalene	40.000	44.220	-10.5	76	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142834.D
 Acq On : 25 Jun 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 25 14:10:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 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	42.049	-5.1	70	0.00
49	Acenaphthylene	40.000	41.275	-3.2	70	0.00
50	Dimethylphthalate	40.000	43.304	-8.3	74	0.00
51	2,6-Dinitrotoluene	40.000	43.414	-8.5	72	0.00
52 C	Acenaphthene	40.000	44.920	-12.3	76	0.00
53	3-Nitroaniline	40.000	40.967	-2.4	69	0.00
54 P	2,4-Dinitrophenol	40.000	44.832	-12.1	73	0.00
55	Dibenzofuran	40.000	44.746	-11.9	76	0.00
56 P	4-Nitrophenol	40.000	42.364	-5.9	71	0.00
57	2,4-Dinitrotoluene	40.000	41.648	-4.1	70	0.00
58	Fluorene	40.000	42.997	-7.5	74	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	44.458	-11.1	76	0.00
60	Diethylphthalate	40.000	44.703	-11.8	76	0.00
61	4-Chlorophenyl-phenylether	40.000	43.262	-8.2	75	0.00
62	4-Nitroaniline	40.000	42.905	-7.3	73	0.00
63	Azobenzene	40.000	43.395	-8.5	74	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	63	0.00
65	4,6-Dinitro-2-methylphenol	40.000	44.100	-10.3	70	0.00
66 c	n-Nitrosodiphenylamine	40.000	43.770	-9.4	71	0.00
67	4-Bromophenyl-phenylether	40.000	45.479	-13.7	74	0.00
68	Hexachlorobenzene	40.000	43.810	-9.5	72	0.00
69	Atrazine	40.000	44.922	-12.3	73	0.00
70 C	Pentachlorophenol	40.000	47.555	-18.9	75	0.00
71	Phenanthrene	40.000	43.939	-9.8	72	0.00
72	Anthracene	40.000	42.146	-5.4	69	0.00
73	Carbazole	40.000	44.618	-11.5	75	0.00
74	Di-n-butylphthalate	40.000	52.204	-30.5#	86	0.00
75 C	Fluoranthene	40.000	47.656	-19.1	80	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	92	0.00
77	Benzydine	40.000	33.751	15.6	75	0.00
78	Pyrene	40.000	33.232	16.9	82	0.00
79 S	Terphenyl-d14	80.000	70.670	11.7	88	0.00
80	Butylbenzylphthalate	40.000	49.292	-23.2	112	0.00
81	Benzo(a)anthracene	40.000	44.285	-10.7	108	0.00
82	3,3'-Dichlorobenzidine	40.000	43.094	-7.7	101	0.00
83	Chrysene	40.000	43.234	-8.1	102	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	51.937	-29.8#	116	0.00
85 c	Di-n-octyl phthalate	40.000	49.504	-23.8#	114	0.00
86 I	Perylene-d12	20.000	20.000	0.0	95	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	40.260	-0.6	99	0.00
88	Benzo(b)fluoranthene	40.000	47.198	-18.0	121	0.00
89	Benzo(k)fluoranthene	40.000	41.788	-4.5	104	0.00
90 C	Benzo(a)pyrene	40.000	40.946	-2.4	102	0.00
91	Dibenzo(a,h)anthracene	40.000	40.224	-0.6	100	0.00
92	Benzo(g,h,i)perylene	40.000	41.282	-3.2	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142834.D
Acq On : 25 Jun 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 25 14:10:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 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



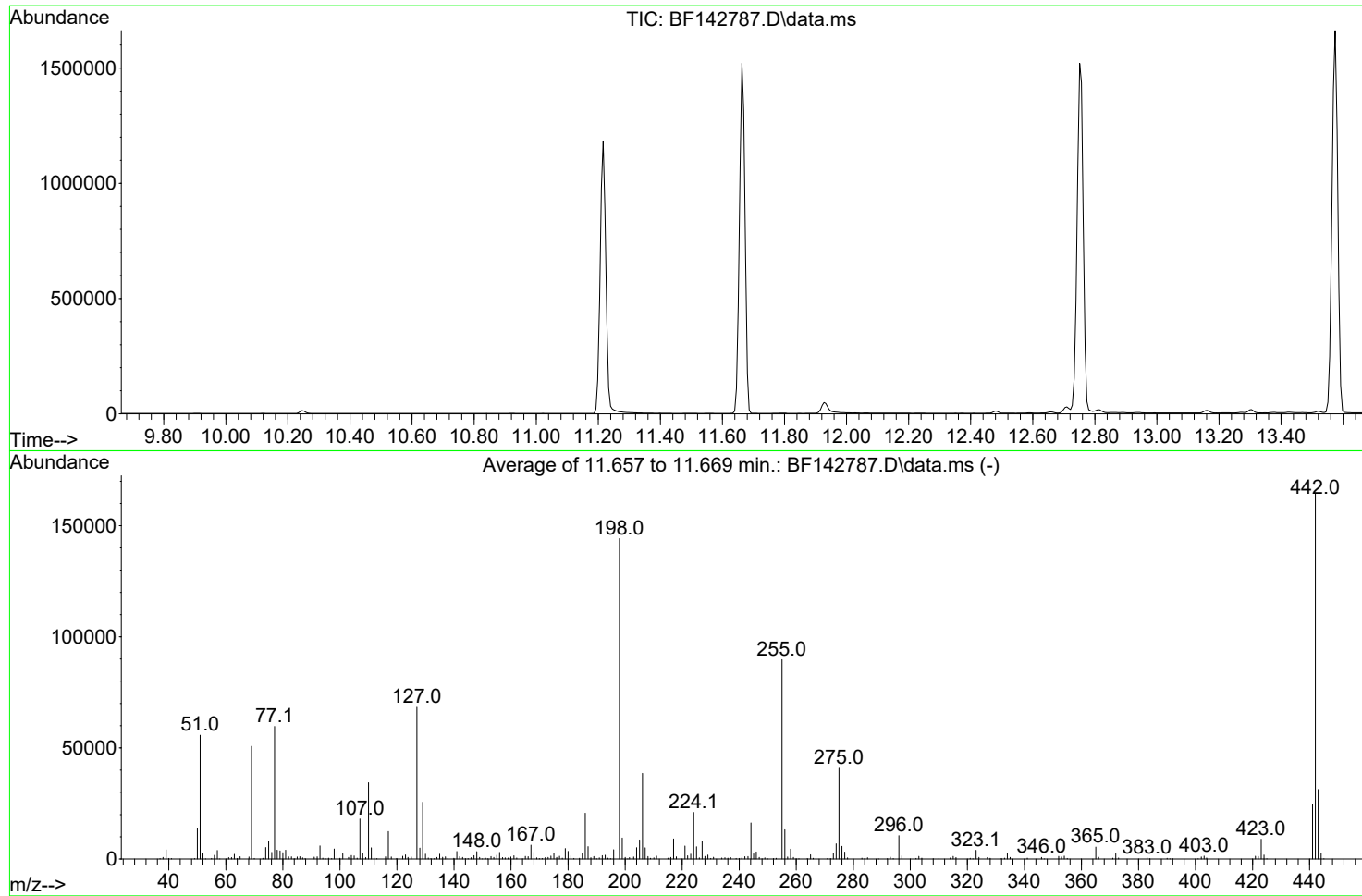
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142787.D
Acq On : 19 Jun 2025 16:37
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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 20 05:06:14 2025



AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.8	926	PASS
69	69	100	100	100.0	50712	PASS
70	69	0.00	2	0.5	243	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	144192	PASS
199	198	5	9	6.6	9464	PASS
365	198	1	100	3.7	5372	PASS
441	443	0.01	150	78.8	24649	PASS
442	442	100	100	100.0	164283	PASS
443	442	15	24	19.1	31296	PASS

DDT Breakdown

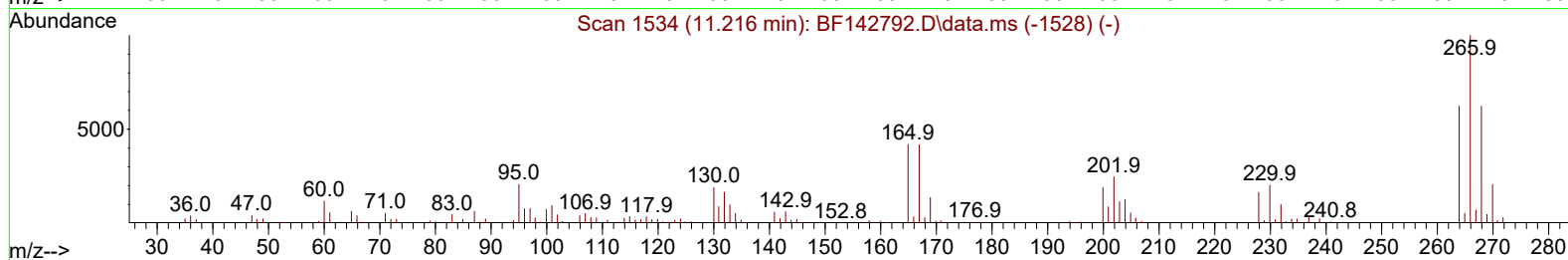
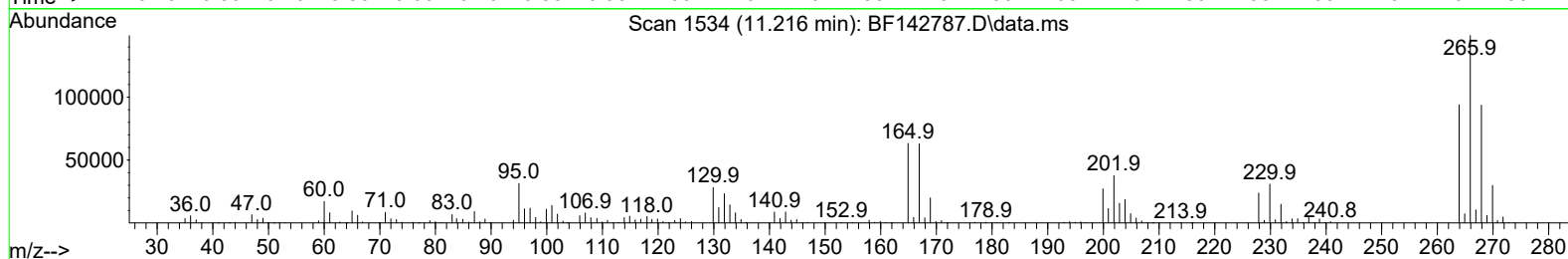
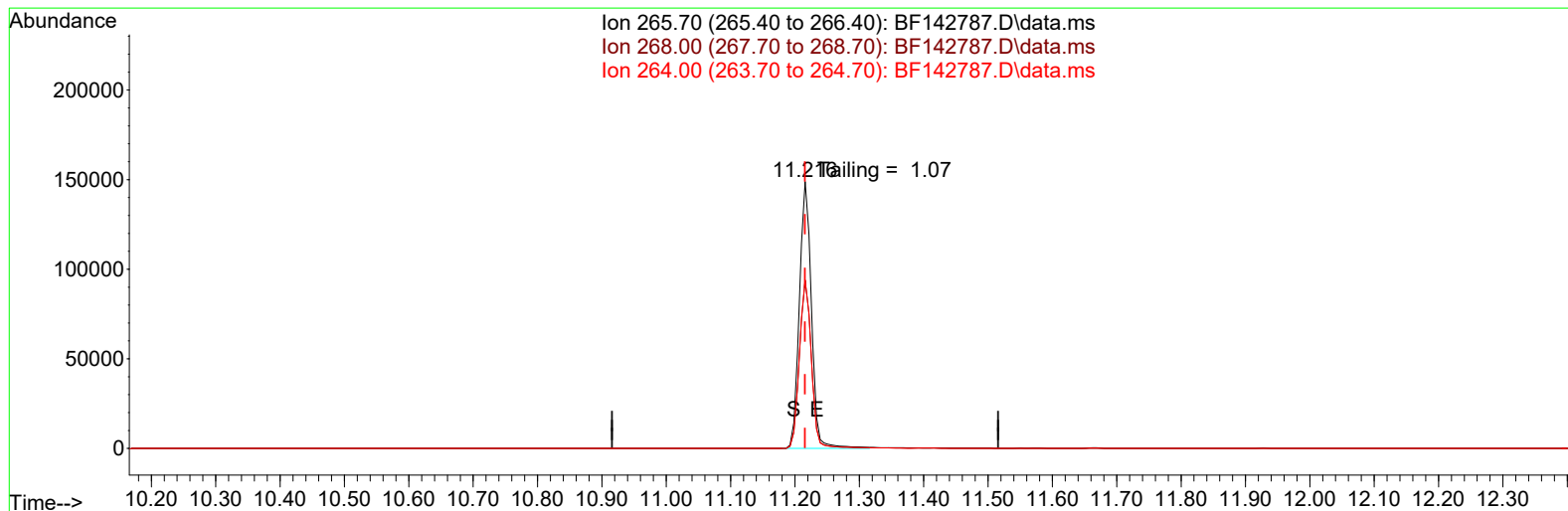
Date	Instrument Name	DFTPP Data File
6/19/2025	BNA_F	<u>BF142787.D</u>
Compound Name	Response	Retention Time
DDT	429715	13.574
DDD	7712	13.304
DDE	717	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
8429	438144	1.92

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142787.D
Acq On : 19 Jun 2025 16:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 20 05:38:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 05:06:14 2025
Response via : Initial Calibration



TIC: BF142787.D\data.ms

(70) Pentachlorophenol (C)

11.216min (+ 0.000) 37164.56 ng

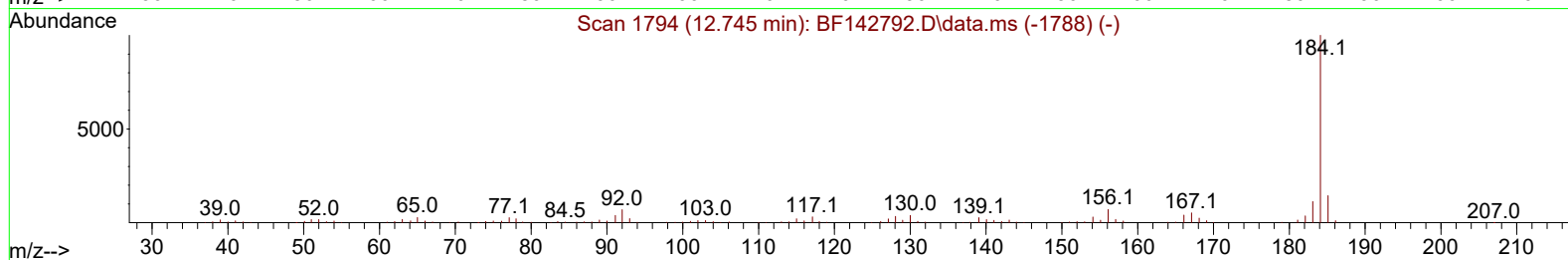
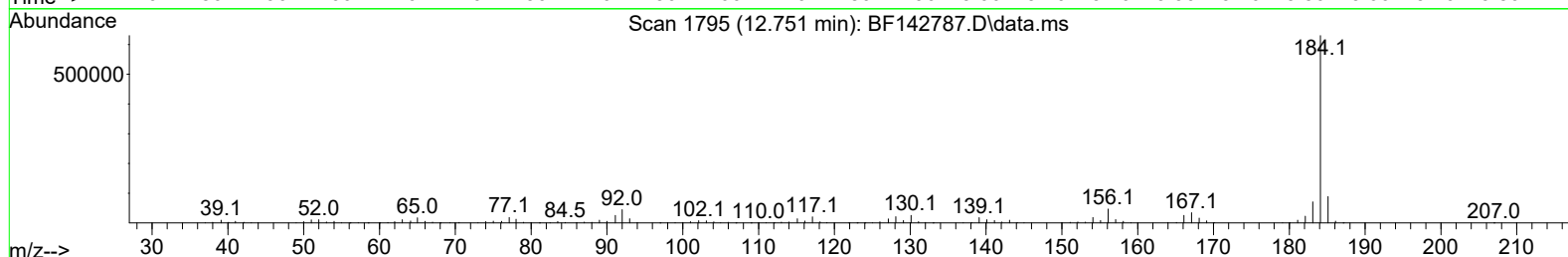
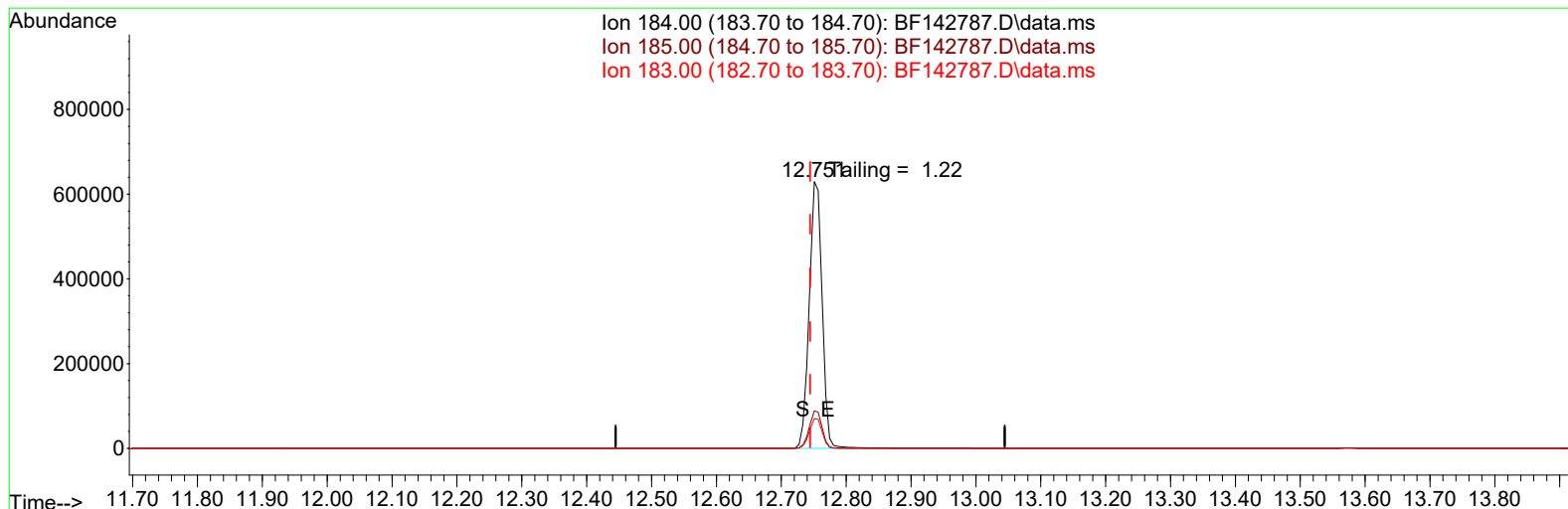
response 195787

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	62.94
264.00	62.40	63.12
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142787.D
Acq On : 19 Jun 2025 16:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 20 05:38:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 05:06:14 2025
Response via : Initial Calibration



TIC: BF142787.D\data.ms

(77) Benzidine

12.751min (+ 0.006) 0.00 ng

response 874127

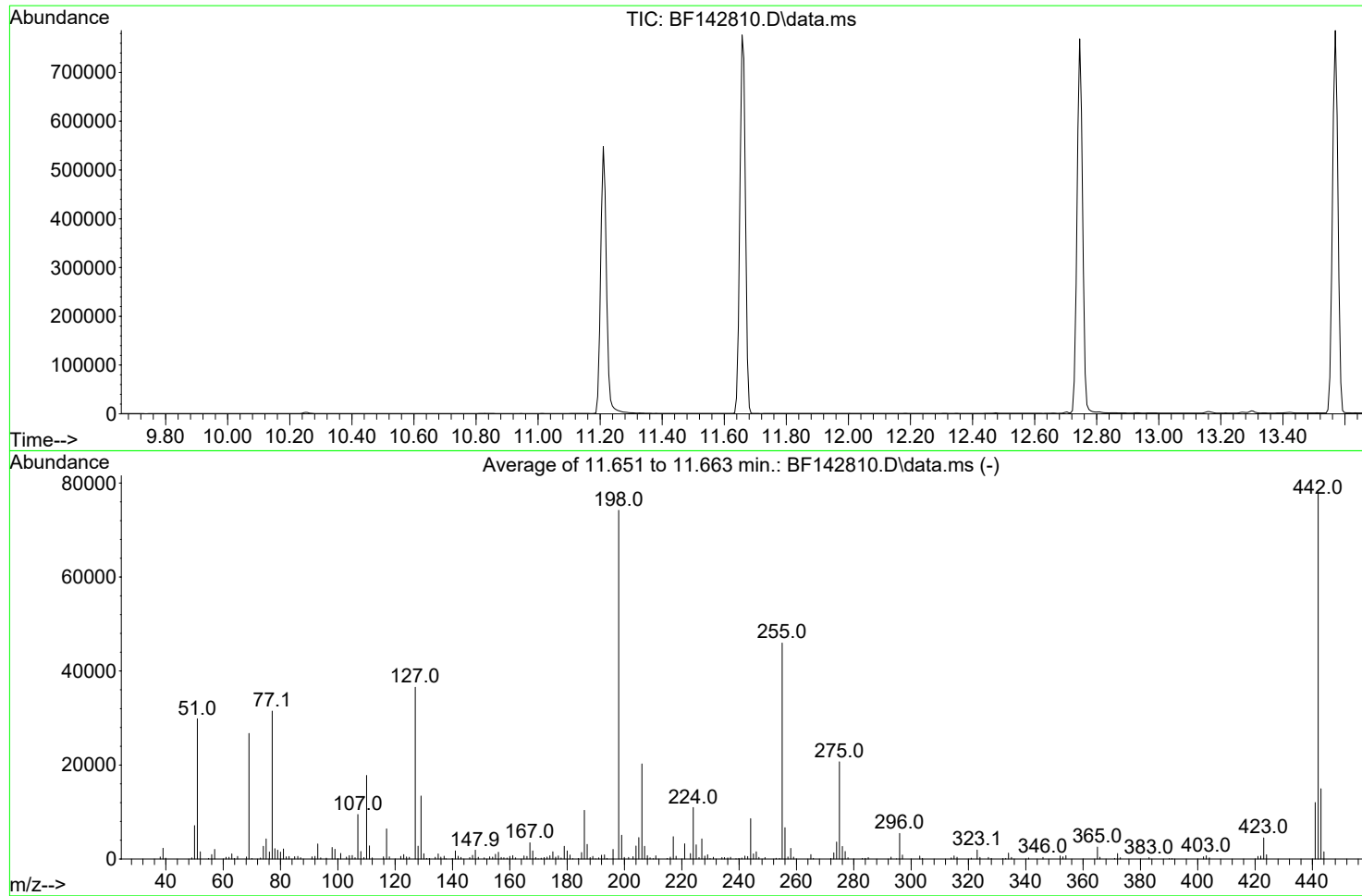
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.11
183.00	11.20	11.25
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142810.D
Acq On : 24 Jun 2025 09:46
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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jun 24 05:28:21 2025



AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	459	PASS
69	69	100	100	100.0	26725	PASS
70	69	0.00	2	0.4	109	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	74195	PASS
199	198	5	9	6.8	5079	PASS
365	198	1	100	3.5	2567	PASS
441	443	0.01	150	80.4	12014	PASS
442	442	100	100	100.0	77685	PASS
443	442	15	24	19.2	14940	PASS

DDT Breakdown

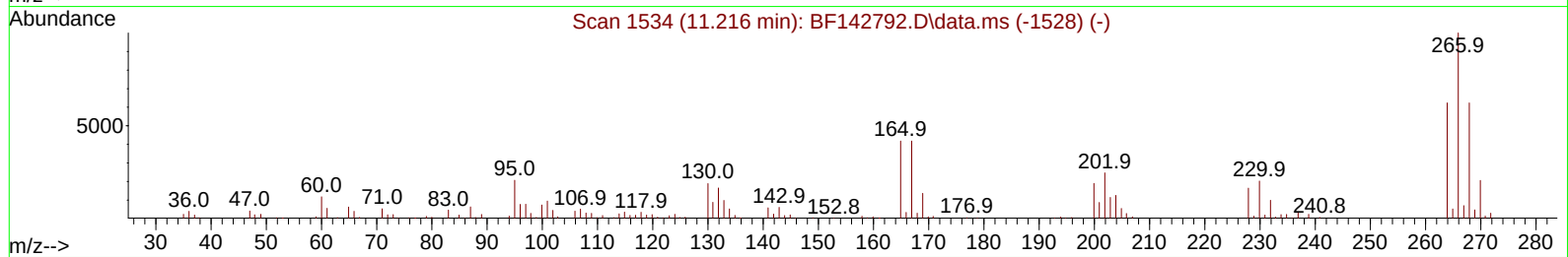
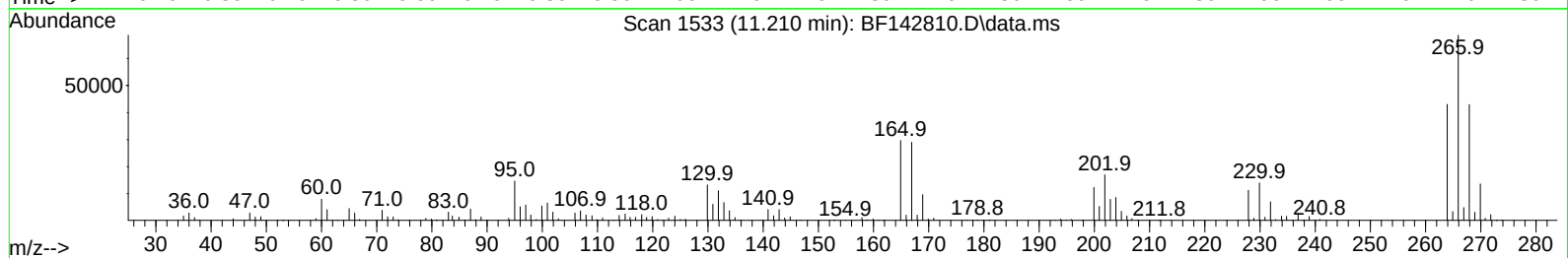
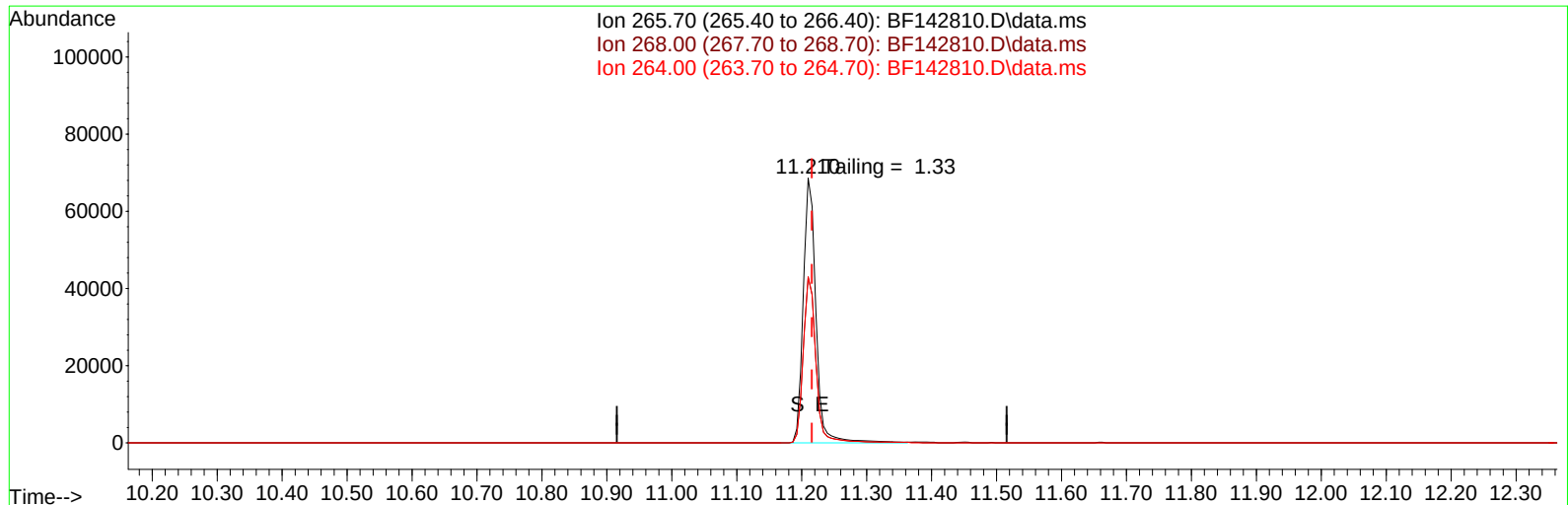
Date	Instrument Name	DFTPP Data File
6/24/2025	BNA_F	<u>BF142810.D</u>
Compound Name	Response	Retention Time
DDT	200766	13.569
DDD	2580	13.298
DDE	274	12.933
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
2854	203620	1.40

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142810.D
Acq On : 24 Jun 2025 09:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 24 12:45:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



TIC: BF142810.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.006) 37936.00 ng

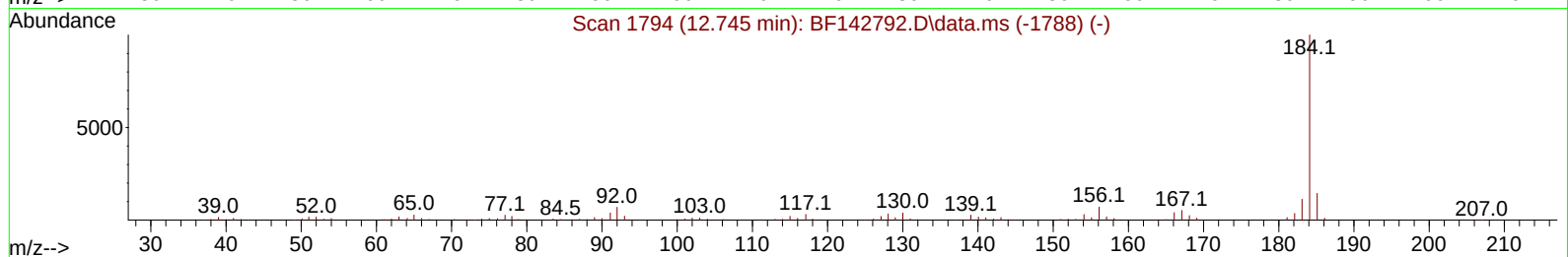
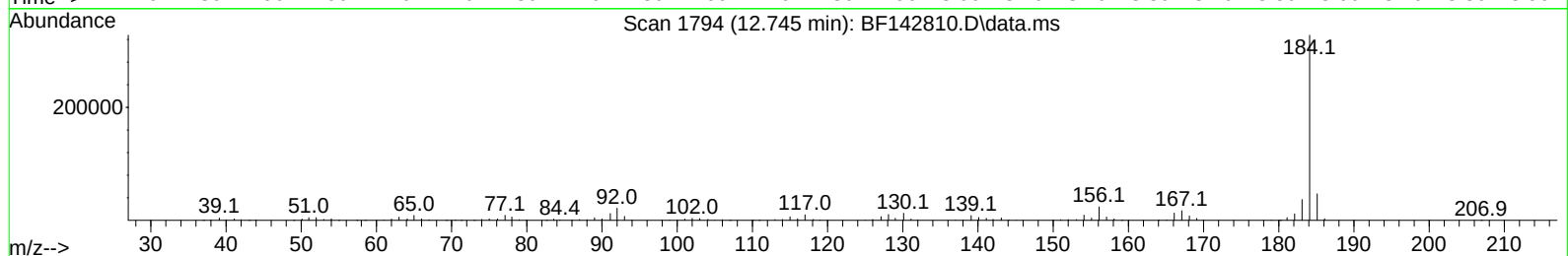
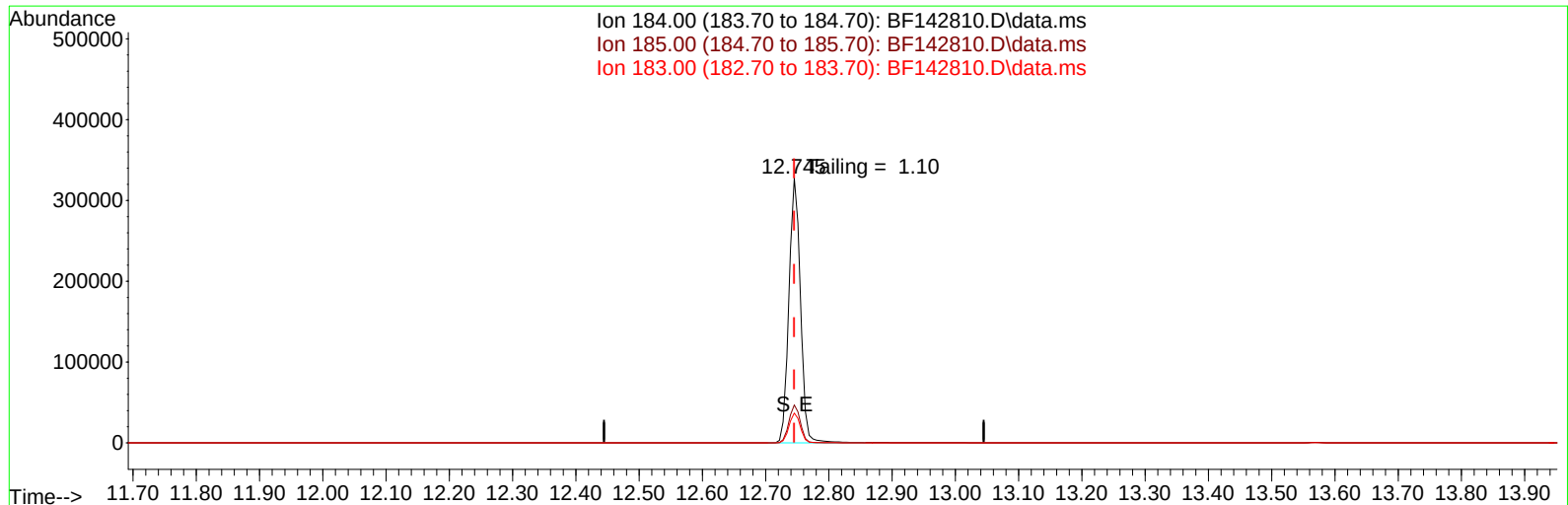
response 93471

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	62.64
264.00	62.40	62.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142810.D
Acq On : 24 Jun 2025 09:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 24 12:45:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



TIC: BF142810.D\data.ms

(77) Benzidine

12.745min (+ 0.000) 0.00 ng

response 419228

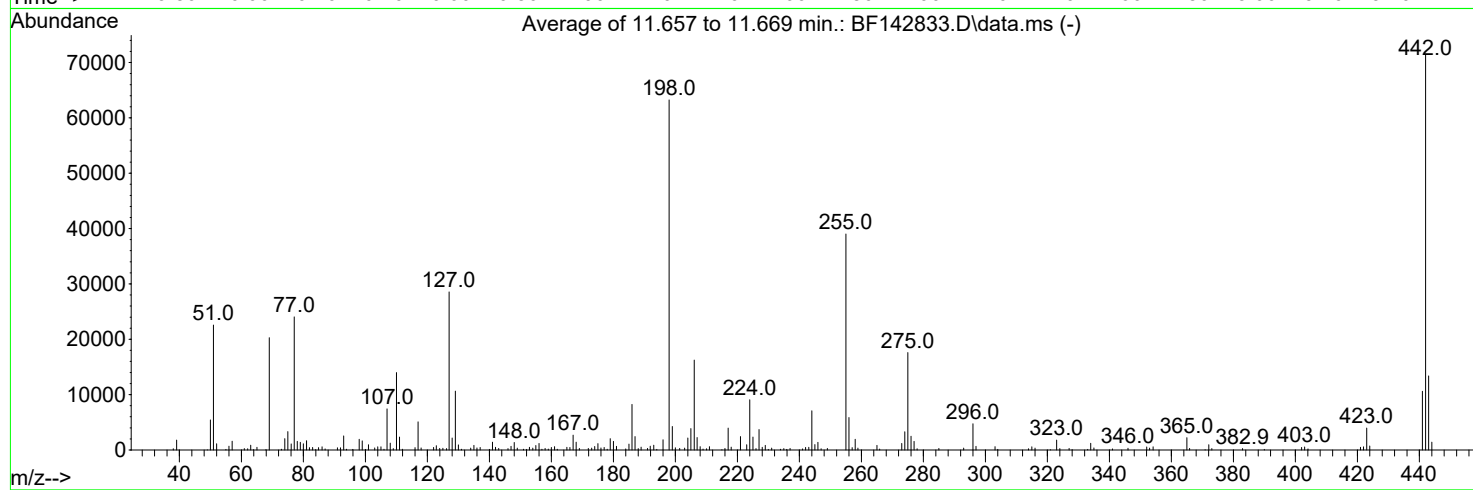
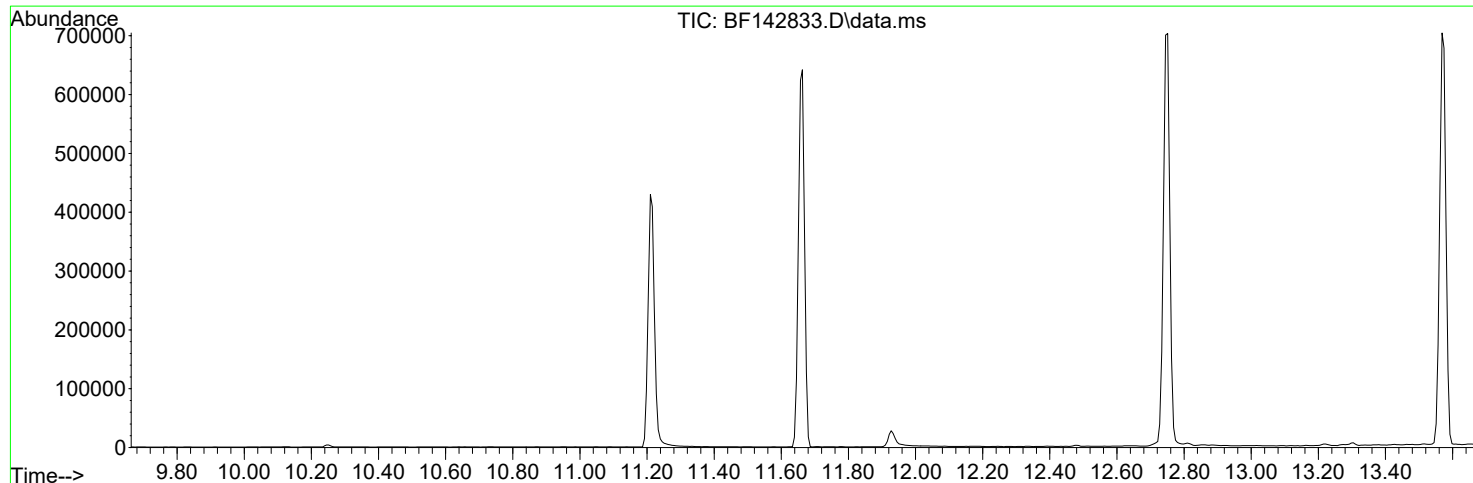
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.33
183.00	11.20	11.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142833.D
Acq On : 25 Jun 2025 12:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jun 24 05:28:21 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
68	69	0.00	2	0.4	72	PASS
69	69	100	100	100.0	20307	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	63235	PASS
199	198	5	9	6.7	4266	PASS
365	198	1	100	3.5	2228	PASS
441	443	0.01	150	79.2	10603	PASS
442	442	100	100	100.0	71325	PASS
443	442	15	24	18.8	13383	PASS

DDT Breakdown

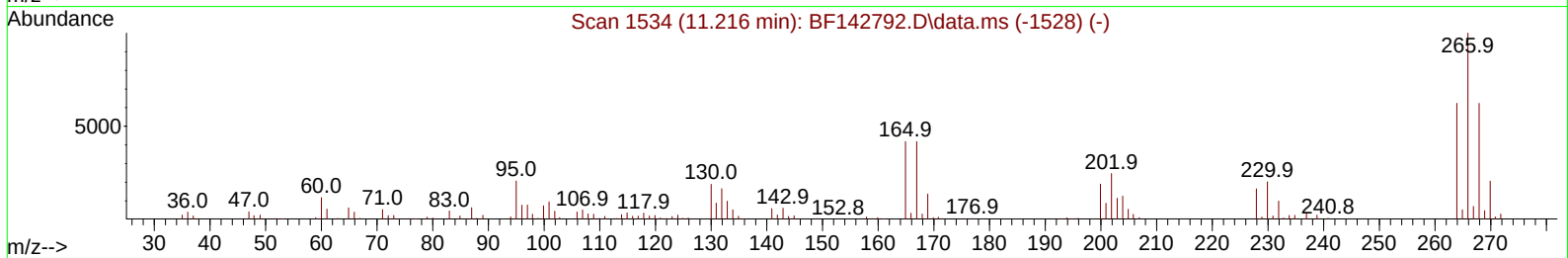
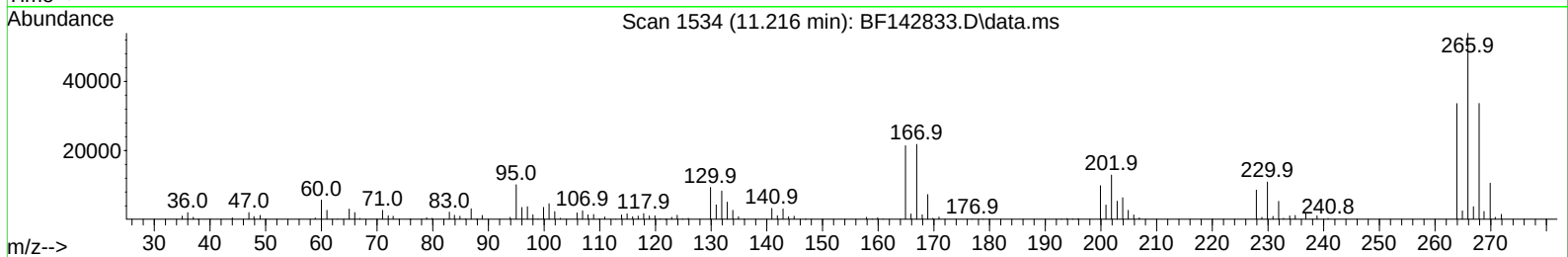
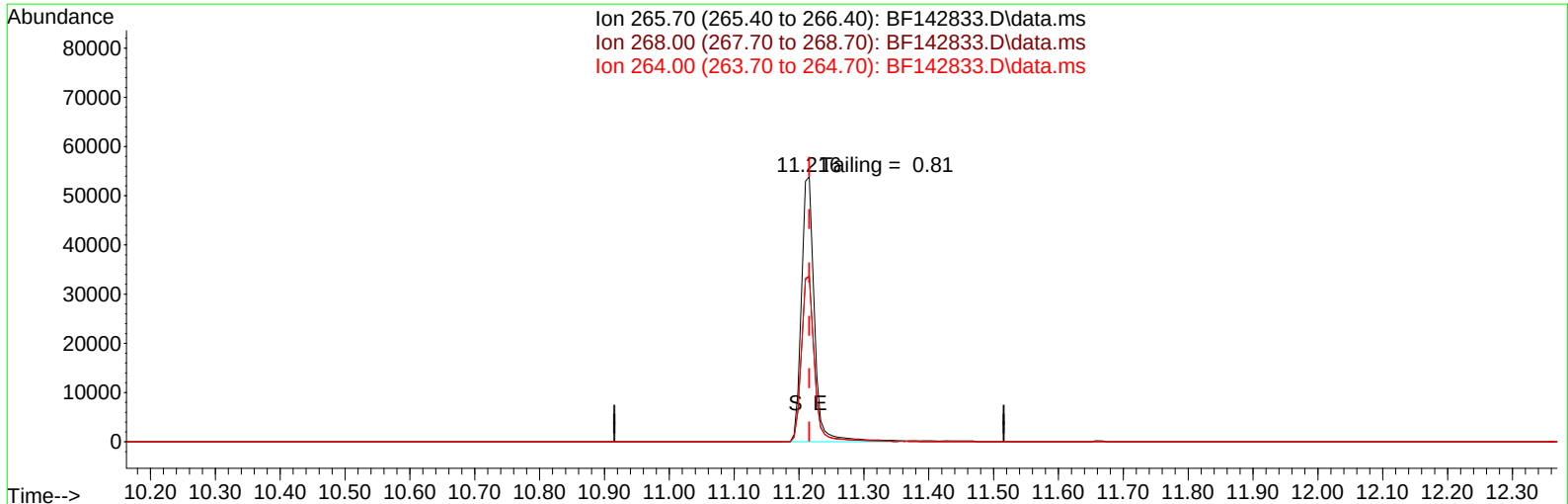
Date	Instrument Name	DFTPP Data File
6/25/2025	BNA_F	<u>BF142833.D</u>
Compound Name	Response	Retention Time
DDT	182439	13.574
DDD	2979	13.304
DDE	207	12.933
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
3186	185625	1.72

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142833.D
Acq On : 25 Jun 2025 12:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 25 13:51:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



TIC: BF142833.D\data.ms

(70) Pentachlorophenol (C)

11.216min (+ 0.000) 32756.87 ng

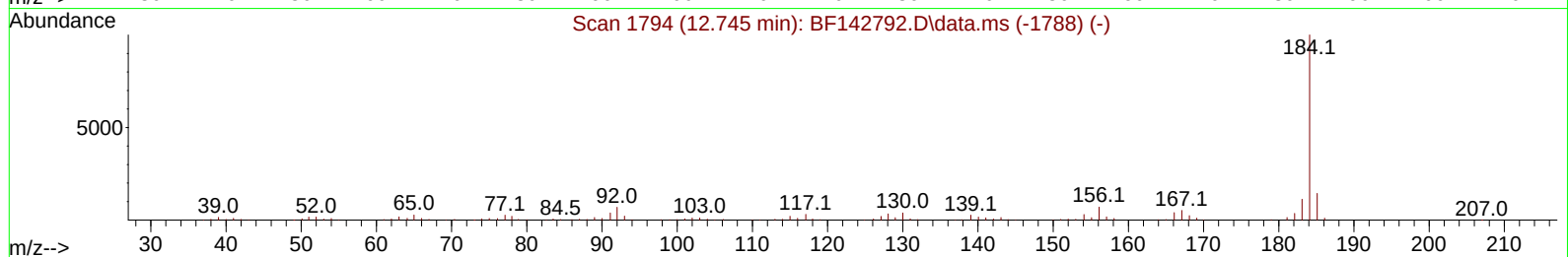
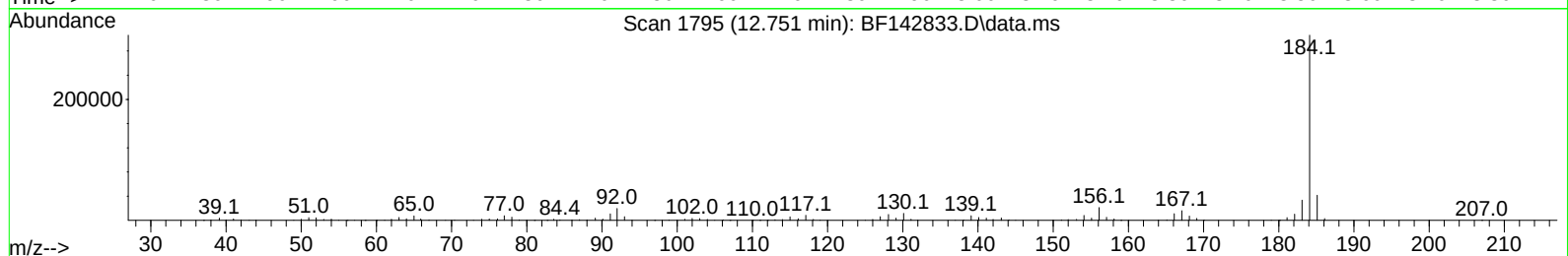
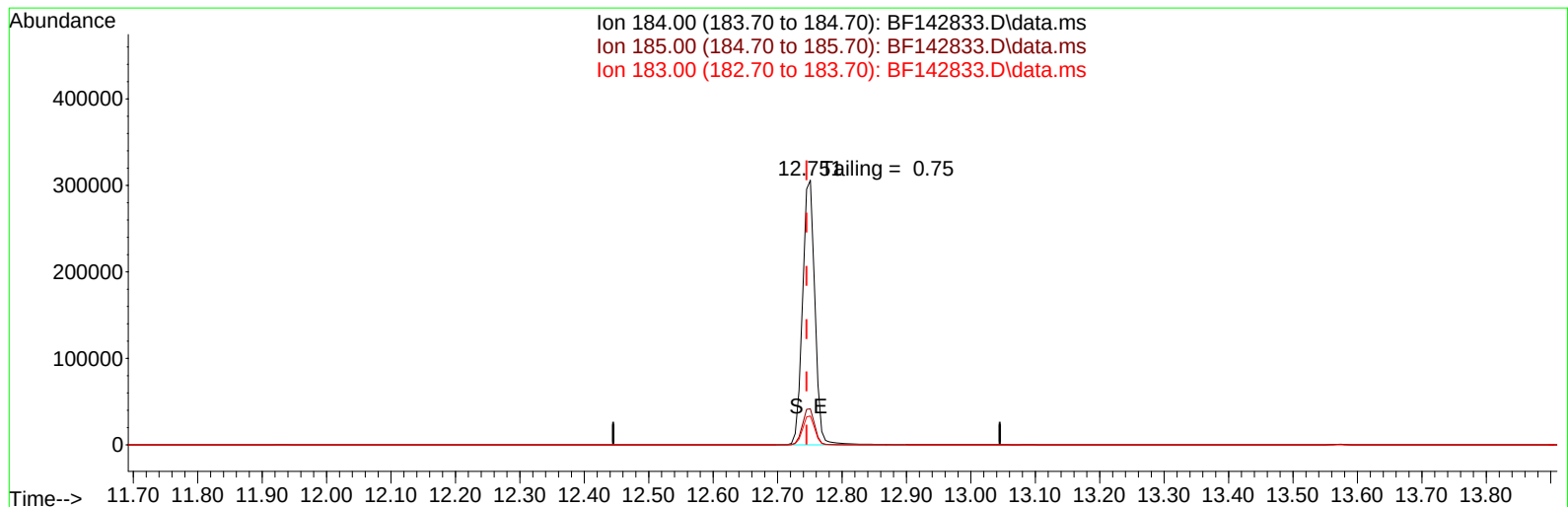
response 75756

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	62.42
264.00	62.40	62.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142833.D
Acq On : 25 Jun 2025 12:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 25 13:51:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



TIC: BF142833.D\data.ms

(77) Benzidine

12.751min (+ 0.006) 0.00 ng

response 410200

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.59
183.00	11.20	10.93
0.00	0.00	0.00

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Ave B		Date Received:	
Client Sample ID:	PB168592BL		SDG No.:	Q2372
Lab Sample ID:	PB168592BL		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142835.D	1	06/24/25 08:39	06/25/25 13:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BL	SDG No.:	Q2372
Lab Sample ID:	PB168592BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142835.D	1	06/24/25 08:39	06/25/25 13:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	119		15 (23) - 110 (138)	79%	SPK: 150
13127-88-3	Phenol-d6	118		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.7		30 (67) - 130 (132)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.9		30 (52) - 130 (132)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		15 (44) - 110 (137)	84%	SPK: 150

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BL	SDG No.:	Q2372
Lab Sample ID:	PB168592BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142835.D	1	06/24/25 08:39	06/25/25 13:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	68.3		30 (42) - 130 (152)	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83000	6.875			
1146-65-2	Naphthalene-d8	316000	8.157			
15067-26-2	Acenaphthene-d10	166000	9.916			
1517-22-2	Phenanthrene-d10	292000	11.404			
1719-03-5	Chrysene-d12	194000	14.051			
1520-96-3	Perylene-d12	187000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.20	A		5.11	ug/L
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	5.00	J		17.2	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\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Time: Jun 25 14:34:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	83049	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	315982	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	166060	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	291883	20.000	ng	0.00
76) Chrysene-d12	14.051	240	193847	20.000	ng	0.00
86) Perylene-d12	15.545	264	187448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	594586	119.200	ng	0.01
7) Phenol-d6	6.504	99	692334	117.643	ng	0.00
23) Nitrobenzene-d5	7.439	82	436257	75.729	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	215307	125.994	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	947291	74.939	ng	0.00
79) Terphenyl-d14	12.998	244	957603	68.256	ng	0.00

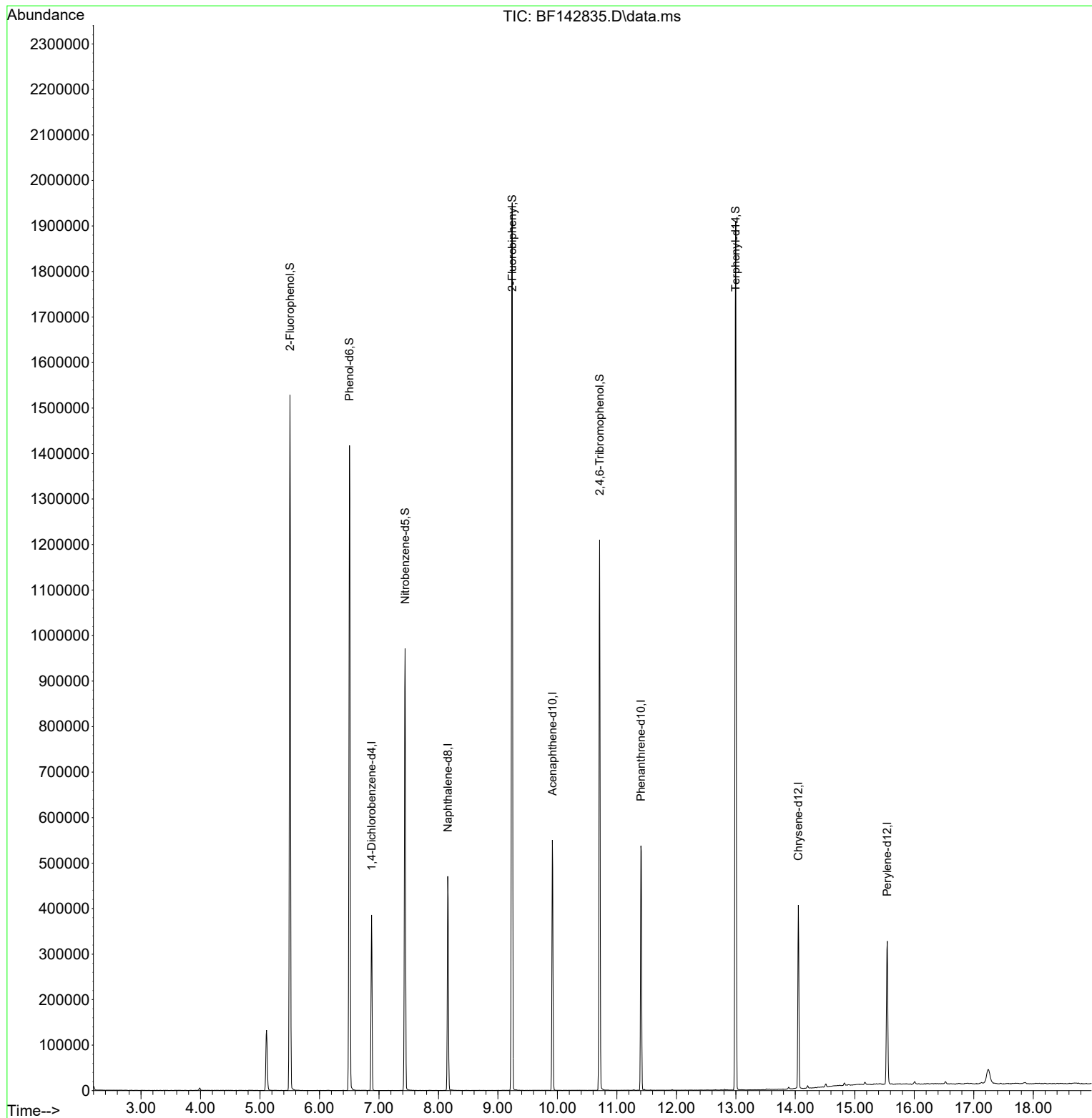
Target Compounds	Qvalue

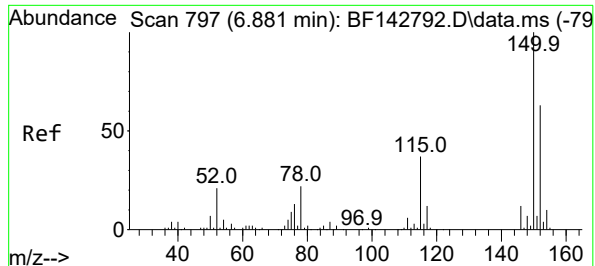
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Time: Jun 25 14:34:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

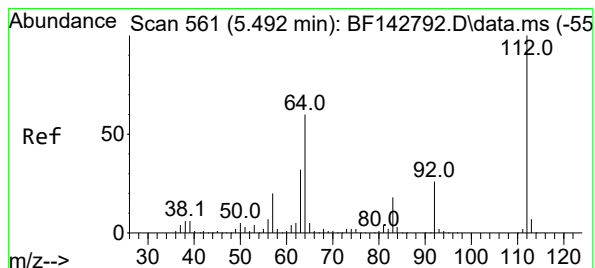
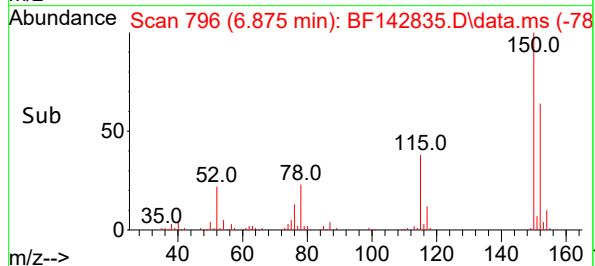
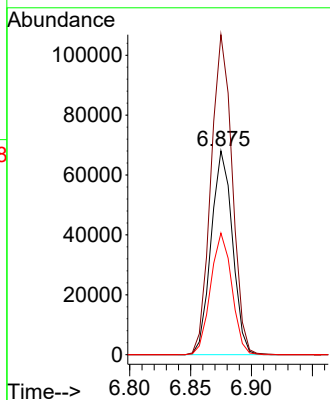
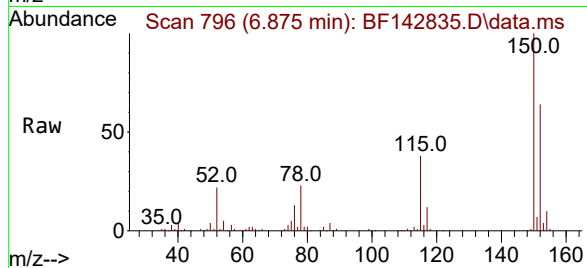




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

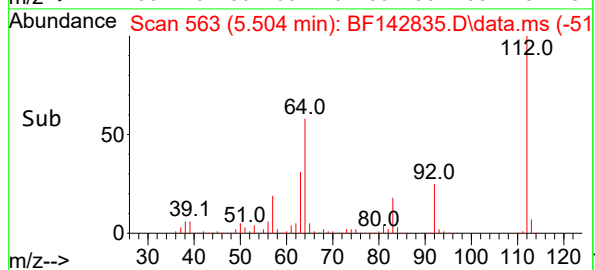
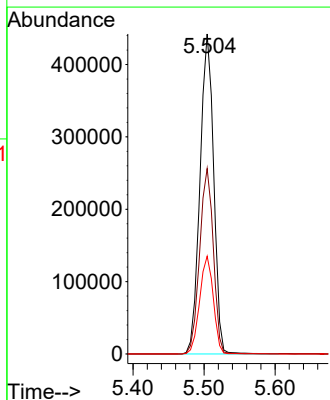
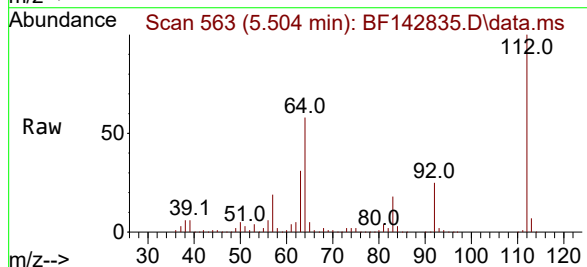
Instrument :
BNA_F
ClientSampleId :
PB168592BL

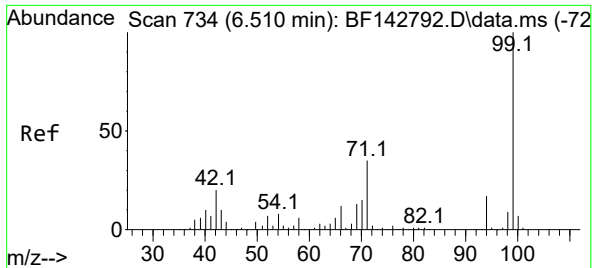
Tgt Ion:152 Resp: 83049
Ion Ratio Lower Upper
152 100
150 157.0 127.2 190.8
115 59.6 46.6 69.8



#5
2-Fluorophenol
Concen: 119.200 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:112 Resp: 594586
Ion Ratio Lower Upper
112 100
64 57.9 48.2 72.2
63 30.5 25.7 38.5

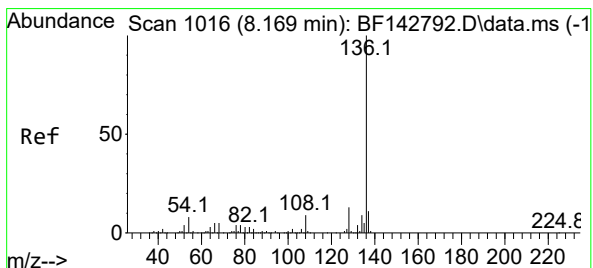
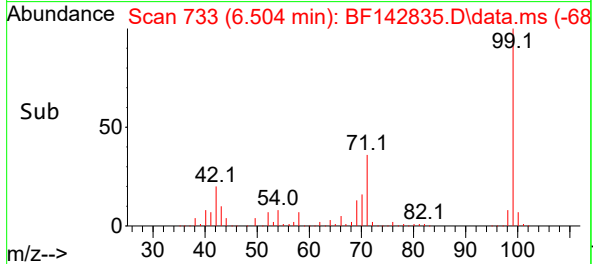
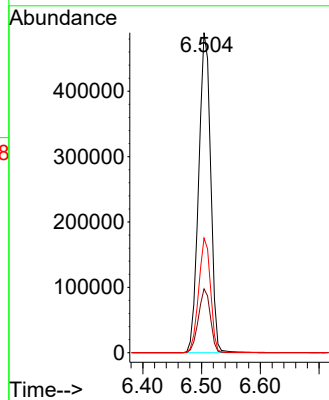
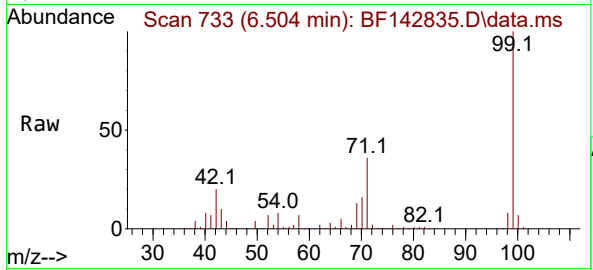




#7
Phenol-d6
Concen: 117.643 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

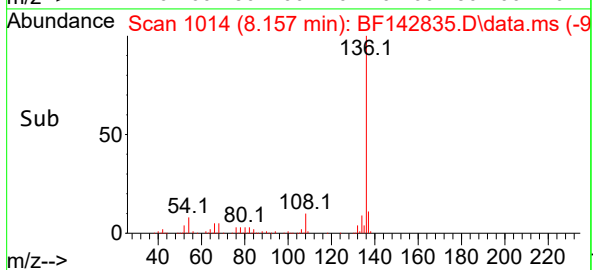
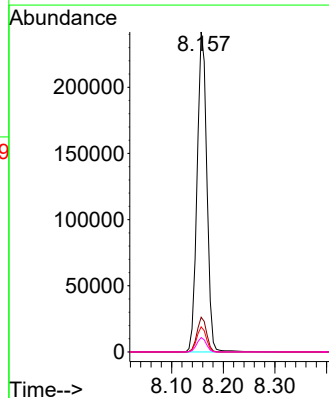
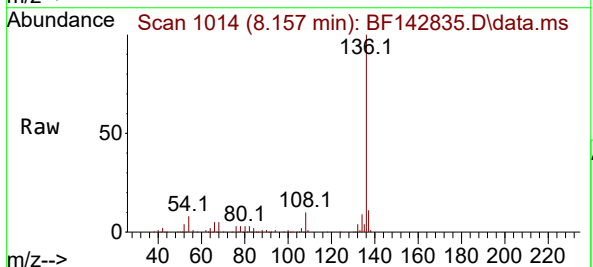
Instrument :
BNA_F
ClientSampleId :
PB168592BL

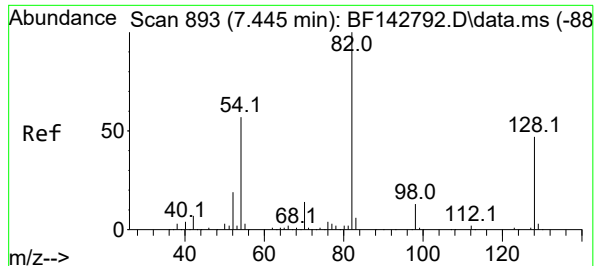
Tgt Ion: 99 Resp: 692334
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.8 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion: 136 Resp: 315982
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.9 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 75.729 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142835.D

Acq: 25 Jun 2025 13:55

Instrument :

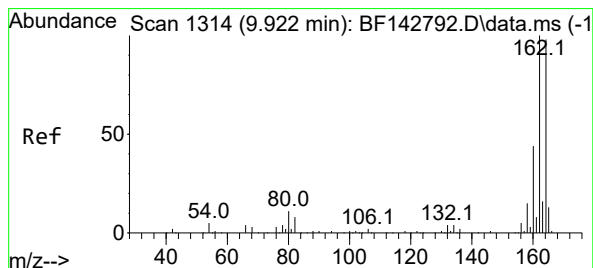
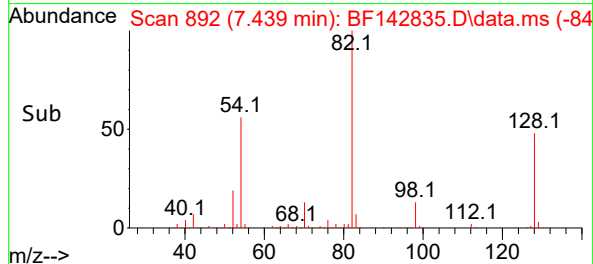
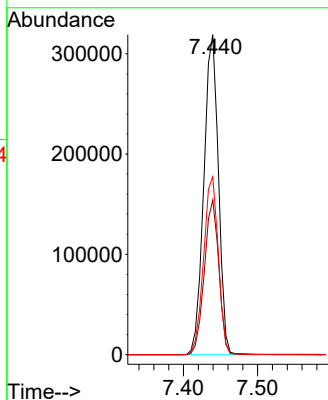
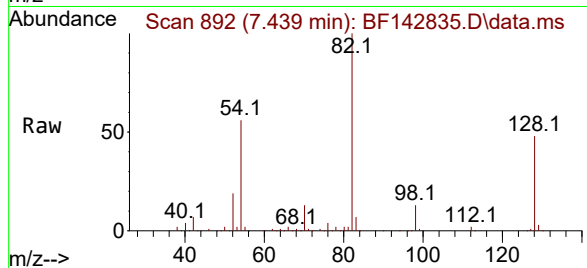
BNA_F

ClientSampleId :

PB168592BL

Tgt Ion: 82 Resp: 436257

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.7	56.5
54	55.6	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

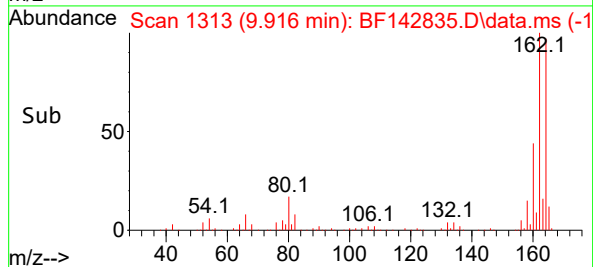
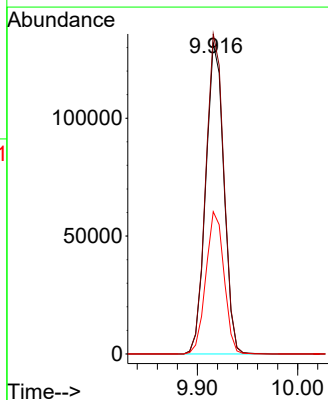
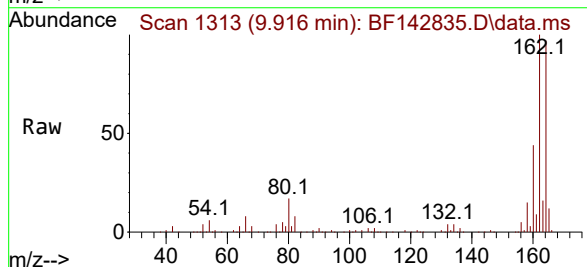
Delta R.T. -0.006 min

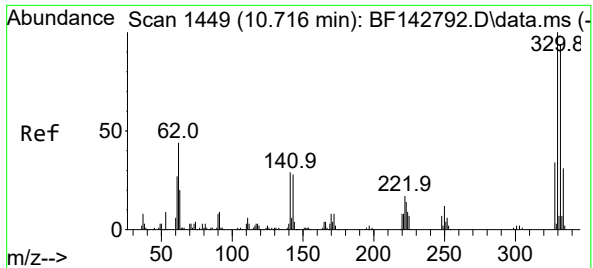
Lab File: BF142835.D

Acq: 25 Jun 2025 13:55

Tgt Ion:164 Resp: 166060

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.8
160	45.7	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 125.994 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF142835.D

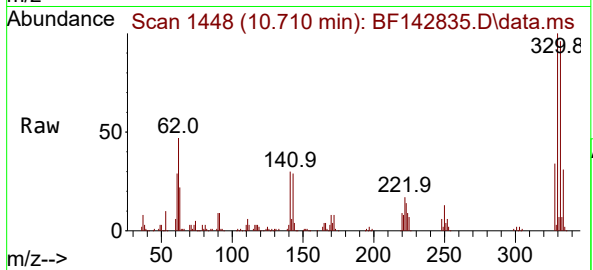
Acq: 25 Jun 2025 13:55

Instrument :

BNA_F

ClientSampleId :

PB168592BL



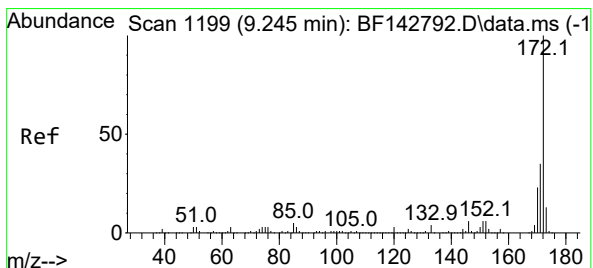
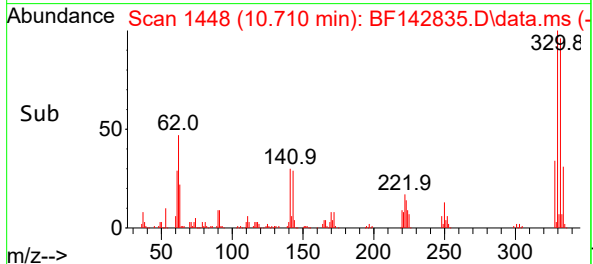
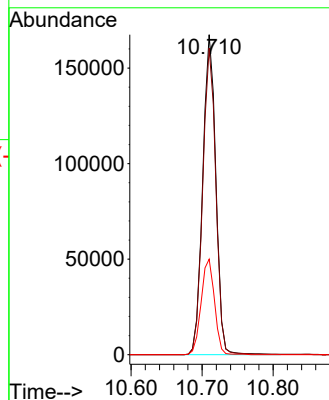
Tgt Ion:330 Resp: 215307

Ion Ratio Lower Upper

330 100

332 96.0 75.0 112.6

141 30.5 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 74.939 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142835.D

Acq: 25 Jun 2025 13:55

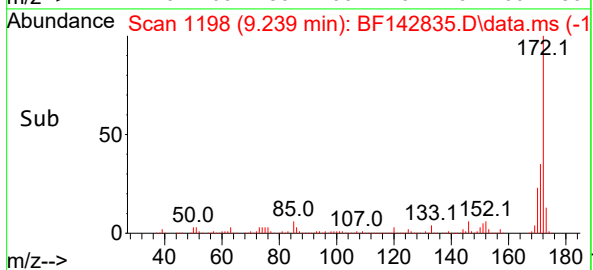
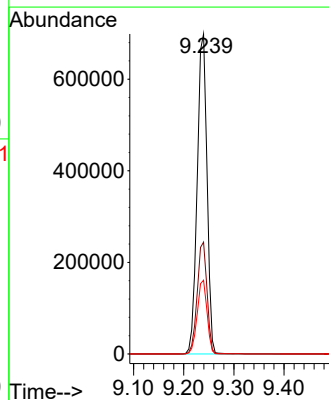
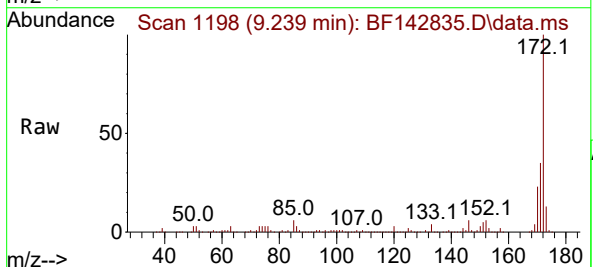
Tgt Ion:172 Resp: 947291

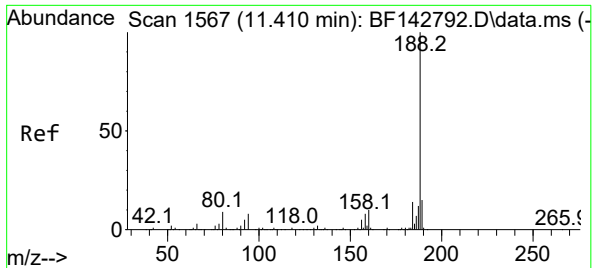
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.0 18.5 27.7

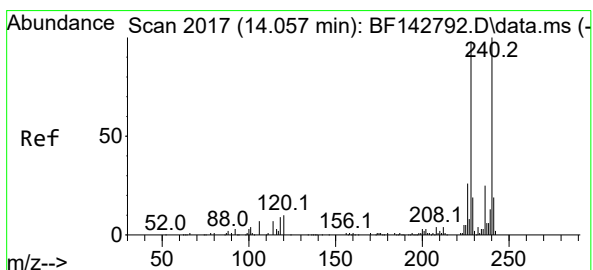
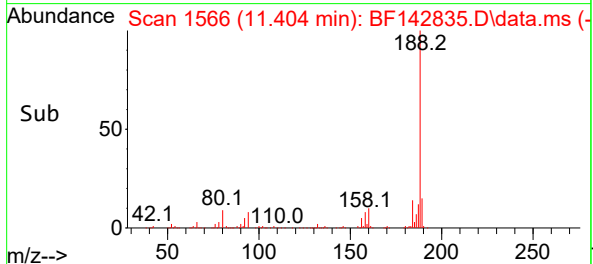
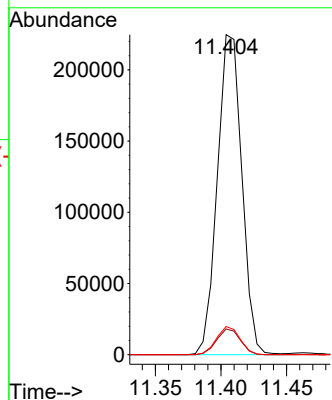
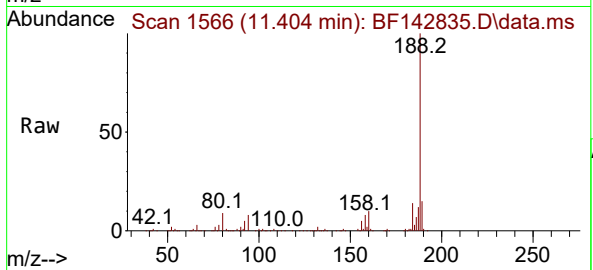




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

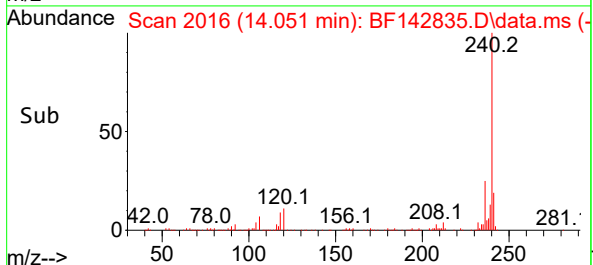
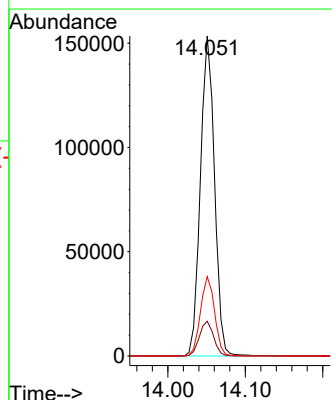
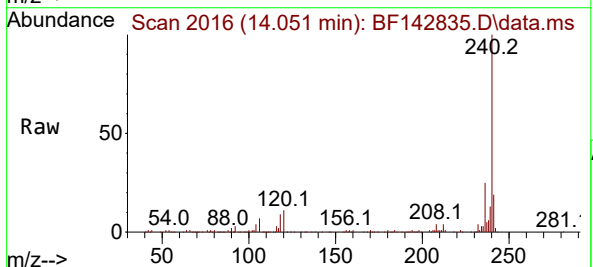
Instrument :
BNA_F
ClientSampleId :
PB168592BL

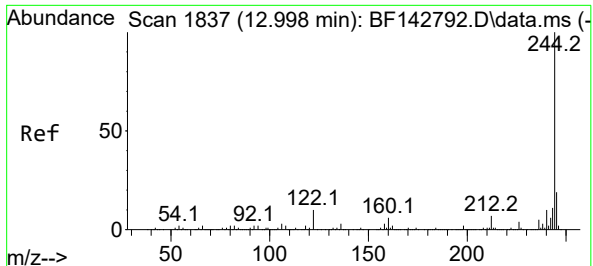
Tgt Ion:188 Resp: 291883
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:240 Resp: 193847
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 24.8 19.8 29.8





#79

Terphenyl-d14

Concen: 68.256 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142835.D

Acq: 25 Jun 2025 13:55

Instrument :

BNA_F

ClientSampleId :

PB168592BL

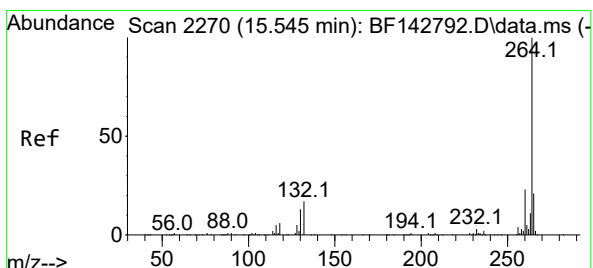
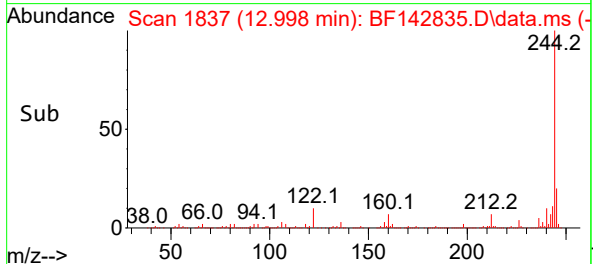
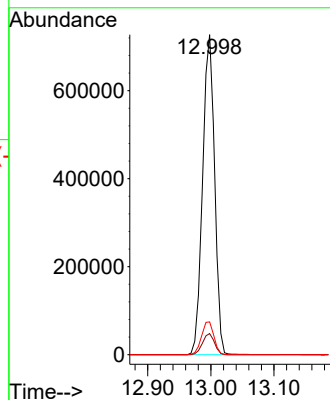
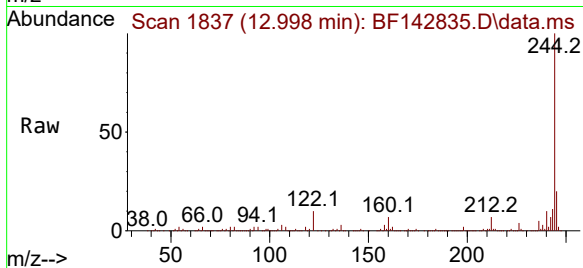
Tgt Ion:244 Resp: 957603

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.3 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142835.D

Acq: 25 Jun 2025 13:55

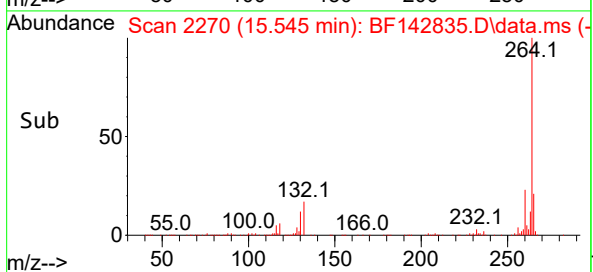
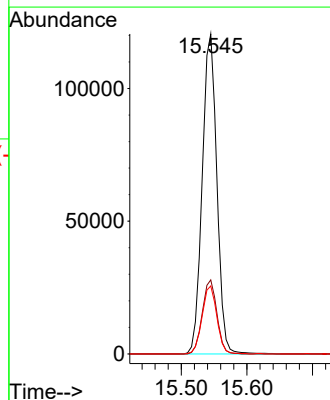
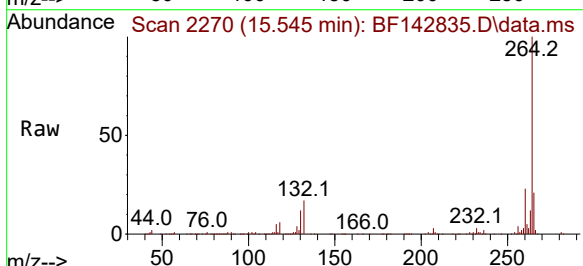
Tgt Ion:264 Resp: 187448

Ion Ratio Lower Upper

264 100

260 23.1 18.1 27.1

265 21.3 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142835.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	489	496	507	rBV	132609	212680	8.04%	1.340%
2	5.504	557	563	568	rBV	1528011	2043454	77.24%	12.879%
3	6.504	727	733	754	rBV	1417179	2001542	75.65%	12.615%
4	6.875	791	796	801	rBV	385682	465032	17.58%	2.931%
5	7.440	885	892	897	rBV	970890	1322292	49.98%	8.334%
6	8.157	1009	1014	1020	rBV	470325	603521	22.81%	3.804%
7	9.239	1191	1198	1203	rBV	1950618	2645671	100.00%	16.675%
8	9.916	1308	1313	1318	rBV	550305	686251	25.94%	4.325%
9	10.710	1442	1448	1453	rBV	1209777	1564614	59.14%	9.861%
10	11.404	1561	1566	1573	rBV	536884	691671	26.14%	4.359%
11	12.998	1831	1837	1842	rBV	1908833	2511985	94.95%	15.832%
12	14.051	2011	2016	2030	rVB	403065	505869	19.12%	3.188%
13	15.545	2263	2270	2280	rBV	314037	489069	18.49%	3.082%
14	17.245	2550	2559	2573	rVB3	30295	122447	4.63%	0.772%

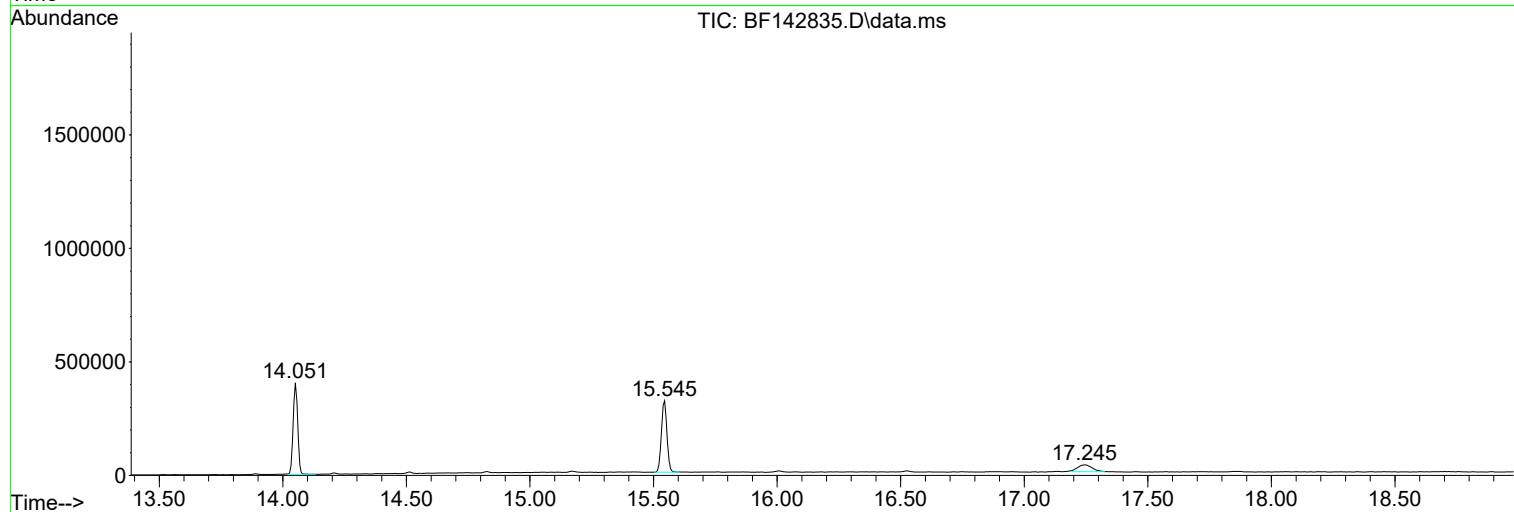
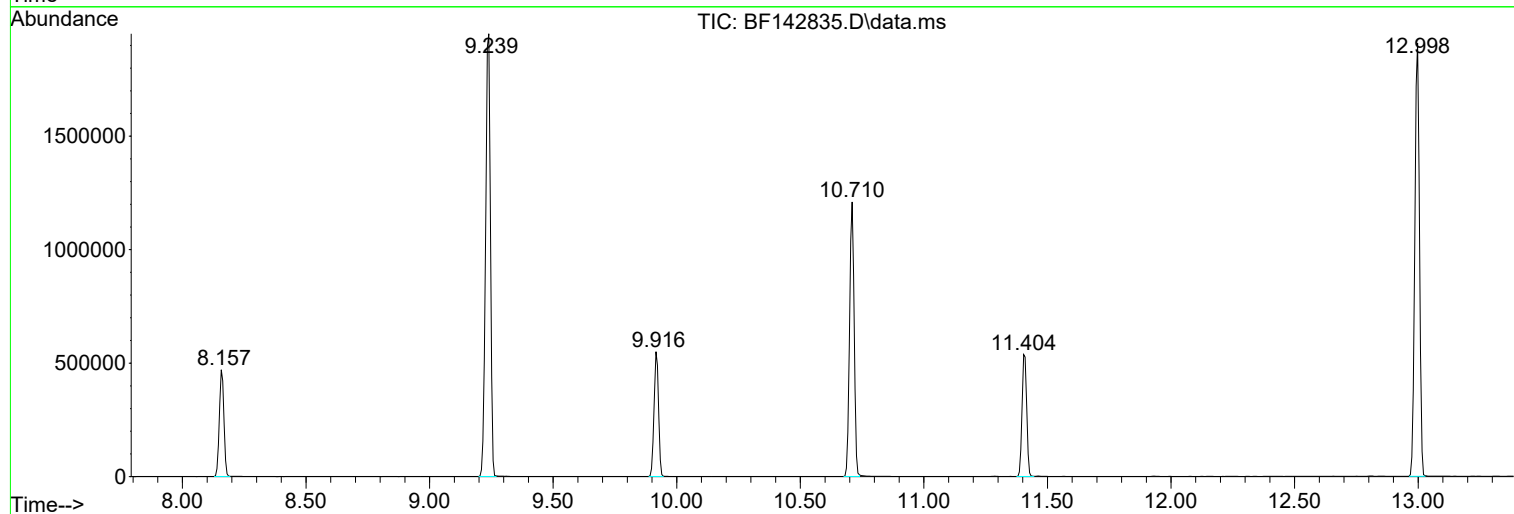
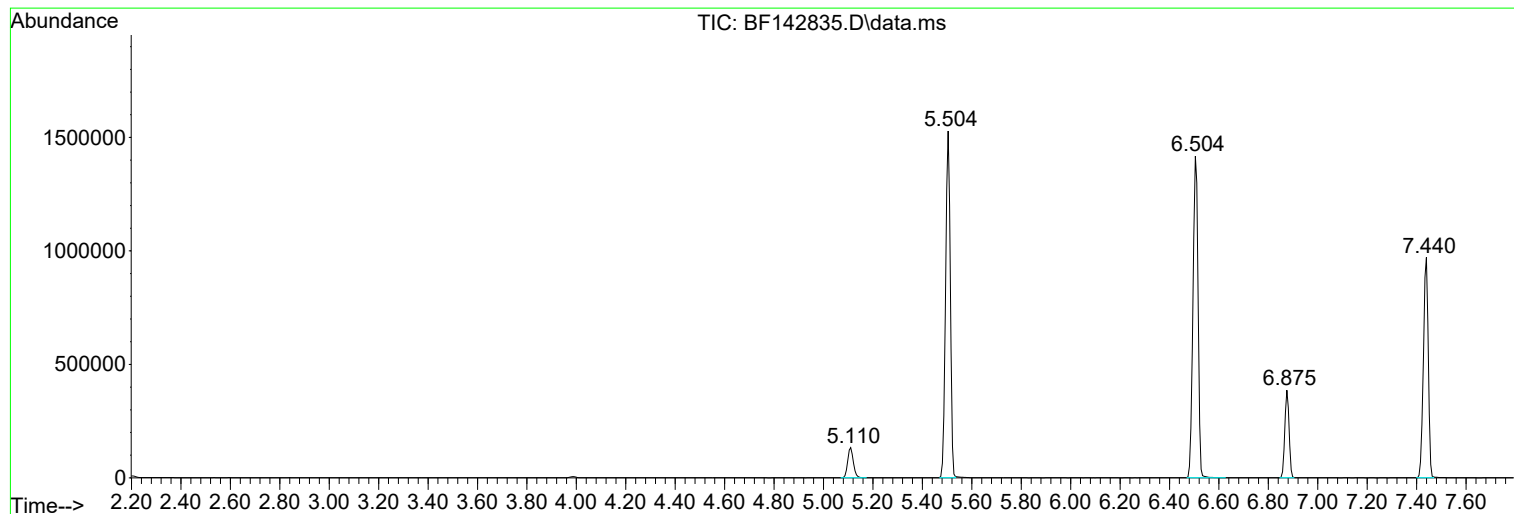
Sum of corrected areas: 15866098

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

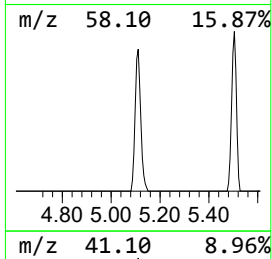
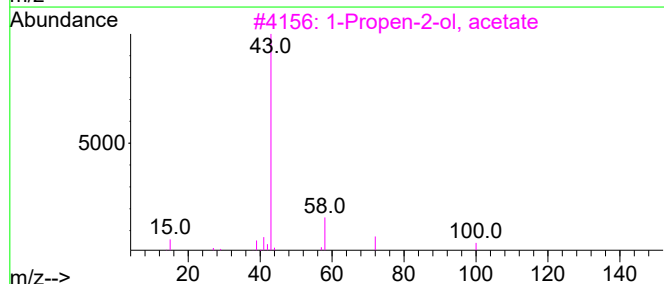
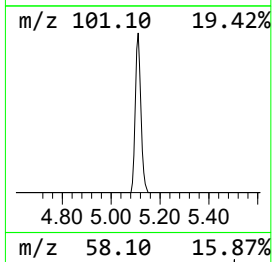
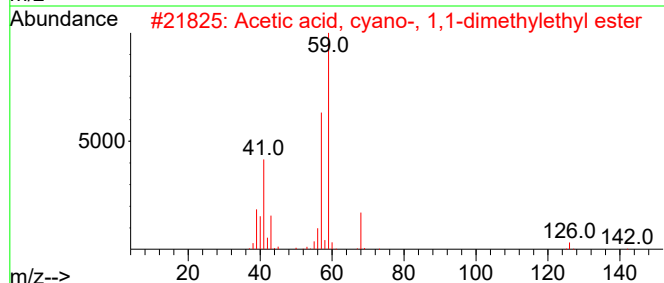
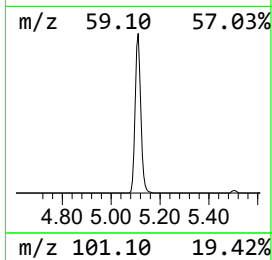
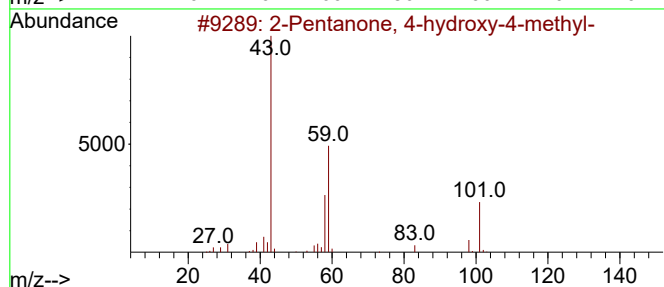
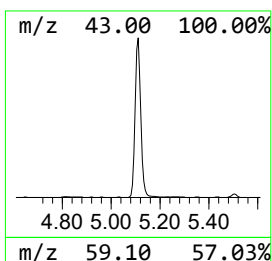
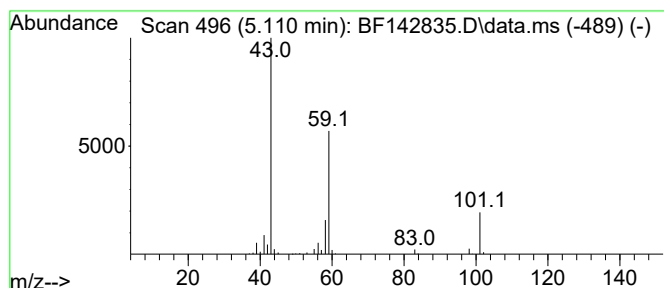
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	9.15 ng	212680	1,4-Dichlorobenzene-d4	6.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

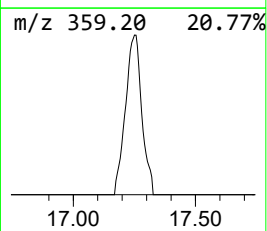
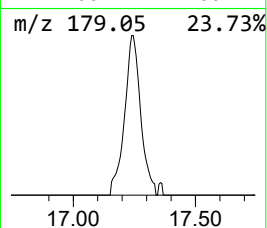
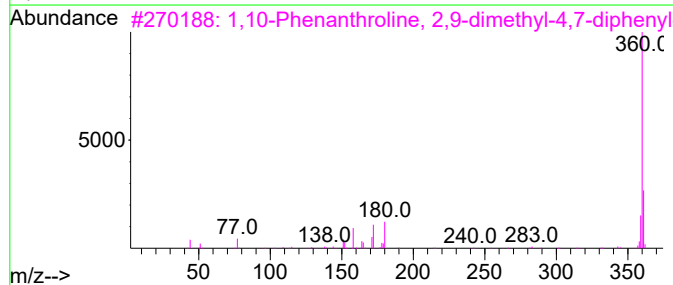
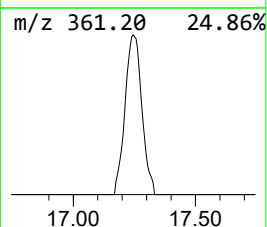
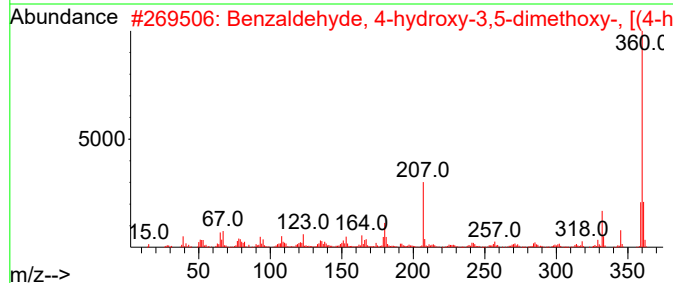
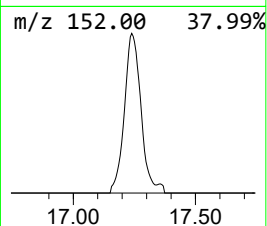
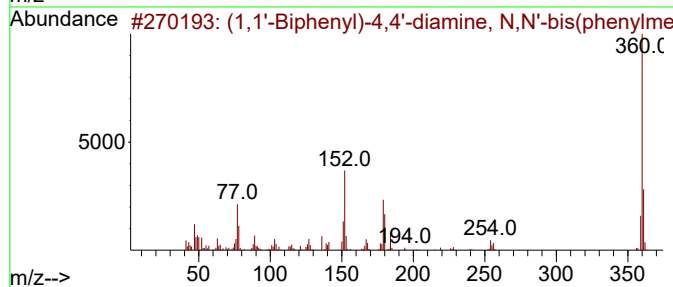
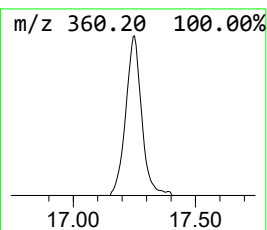
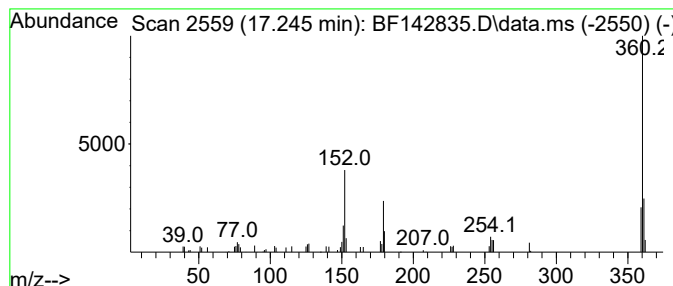
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	5.01 ng	122447	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	93
2			Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	58
3			1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	53
4			4-Amino-3-[3-(trifluoromethyl)ph...	360	C14H15F3N2O2SSi	1010500-98-0	52
5			1,3,2-Dioxaborolane, bis(spiro[4...	360	C20H13B06	1000150-23-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	9.2	ng	212680	1	6.875	465032	20.0
(1,1'-Biphenyl)...	17.245	5.0	ng	122447	6	15.545	489069	20.0

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Ave B		Date Received:	
Client Sample ID:	PB168592BS		SDG No.:	Q2372
Lab Sample ID:	PB168592BS		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142836.D	1	06/24/25 08:39	06/25/25 14:25	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.2		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.2		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.2		1.30	5.00	ug/L
98-86-2	Acetophenone	44.5		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.5		1.40	2.50	ug/L
67-72-1	Hexachloroethane	42.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.0		0.76	5.00	ug/L
78-59-1	Isophorone	43.8		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.7		0.68	5.00	ug/L
91-20-3	Naphthalene	43.6		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	23.4		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.5		0.54	5.00	ug/L
105-60-2	Caprolactam	47.5		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	43.2		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	93.9	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	44.3		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	42.9		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.4		0.61	5.00	ug/L
208-96-8	Acenaphthylene	43.7		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	44.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	24.7		1.10	5.00	ug/L
83-32-9	Acenaphthene	48.3		0.55	5.00	ug/L
132-64-9	Dibenzofuran	43.1		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	46.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.5		0.68	5.00	ug/L
86-73-7	Fluorene	43.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	44.2		1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BS	SDG No.:	Q2372
Lab Sample ID:	PB168592BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142836.D	1	06/24/25 08:39	06/25/25 14:25	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	44.2		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.3		0.52	5.00	ug/L
1912-24-9	Atrazine	51.6		1.00	5.00	ug/L
85-01-8	Phenanthrene	44.4		0.50	5.00	ug/L
120-12-7	Anthracene	44.6		0.61	5.00	ug/L
86-74-8	Carbazole	45.5		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	51.4		1.20	5.00	ug/L
206-44-0	Fluoranthene	46.9		0.82	5.00	ug/L
129-00-0	Pyrene	35.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	50.2		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	19.3		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.6		0.45	5.00	ug/L
218-01-9	Chrysene	45.6		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.1		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	47.0		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.2		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	48.9		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	40.8		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	40.8		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	35.1		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	74.3		30 (67) - 130 (132)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.6		30 (52) - 130 (132)	76%	SPK: 100
1718-51-0	Terphenyl-d14	62.7		30 (42) - 130 (152)	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	81700	6.875			

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BS	SDG No.:	Q2372
Lab Sample ID:	PB168592BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group2
	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142836.D	1	06/24/25 08:39	06/25/25 14:25	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	296000	8.163			
15067-26-2	Acenaphthene-d10	150000	9.922			
1517-22-2	Phenanthrene-d10	242000	11.41			
1719-03-5	Chrysene-d12	173000	14.057			
1520-96-3	Perylene-d12	196000	15.545			

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\BF062525\
 Data File : BF142836.D
 Acq On : 25 Jun 2025 14:25
 Operator : RC/JU
 Sample : PB168592BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168592BS

Quant Time: Jun 25 14:51:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	81651	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	296393	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	150433	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	242210	20.000	ng	0.00
76) Chrysene-d12	14.057	240	173489	20.000	ng	0.00
86) Perylene-d12	15.545	264	196328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	556114	113.396	ng	0.01
7) Phenol-d6	6.510	99	642235	110.998	ng	0.00
23) Nitrobenzene-d5	7.439	82	401632	74.326	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	188759	121.933	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	865774	75.605	ng	0.00
79) Terphenyl-d14	12.998	244	787323	62.704	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	68772	35.060	ng	99
3) Pyridine	3.481	79	187879	38.206	ng	98
4) n-Nitrosodimethylamine	3.428	42	106183	41.756	ng	99
6) Aniline	6.540	93	226530	29.424	ng	# 90
8) 2-Chlorophenol	6.663	128	221594	41.887	ng	99
9) Benzaldehyde	6.428	77	131188	38.217	ng	99
10) Phenol	6.528	94	259021	40.274	ng	87
11) bis(2-Chloroethyl)ether	6.610	93	198585	43.201	ng	99
12) 1,3-Dichlorobenzene	6.816	146	249638	42.194	ng	98
13) 1,4-Dichlorobenzene	6.892	146	249146	41.738	ng	99
14) 1,2-Dichlorobenzene	7.045	146	241318	42.622	ng	99
15) Benzyl Alcohol	7.022	79	173328	41.438	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	304508	41.232	ng	96
17) 2-Methylphenol	7.134	107	165646	41.318	ng	98
18) Hexachloroethane	7.386	117	89305	42.773	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	139808	41.546	ng	100
20) 3+4-Methylphenols	7.287	107	207652	41.543	ng	94
22) Acetophenone	7.287	105	290803	44.492	ng	99
24) Nitrobenzene	7.463	77	215096	43.980	ng	97
25) Isophorone	7.698	82	380021	43.841	ng	100
26) 2-Nitrophenol	7.775	139	120125	45.088	ng	99
27) 2,4-Dimethylphenol	7.816	122	197200	42.731	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	240634	43.665	ng	99
29) 2,4-Dichlorophenol	8.022	162	180538	43.145	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	201493	43.791	ng	99
31) Naphthalene	8.181	128	632908	43.625	ng	100
32) Benzoic acid	7.928	122	109212	46.431	ng	95
33) 4-Chloroaniline	8.233	127	137919	23.379	ng	98
34) Hexachlorobutadiene	8.298	225	125139	44.463	ng	100
35) Caprolactam	8.598	113	52489m	47.537	ng	
36) 4-Chloro-3-methylphenol	8.716	107	177044	42.573	ng	100
37) 2-Methylnaphthalene	8.875	142	388612	43.206	ng	100
38) 1-Methylnaphthalene	8.975	142	405799	43.583	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	197534	44.502	ng	99
41) Hexachlorocyclopentadiene	9.028	237	236501	93.890	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	125833	43.504	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142836.D
 Acq On : 25 Jun 2025 14:25
 Operator : RC/JU
 Sample : PB168592BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168592BS

Quant Time: Jun 25 14:51:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

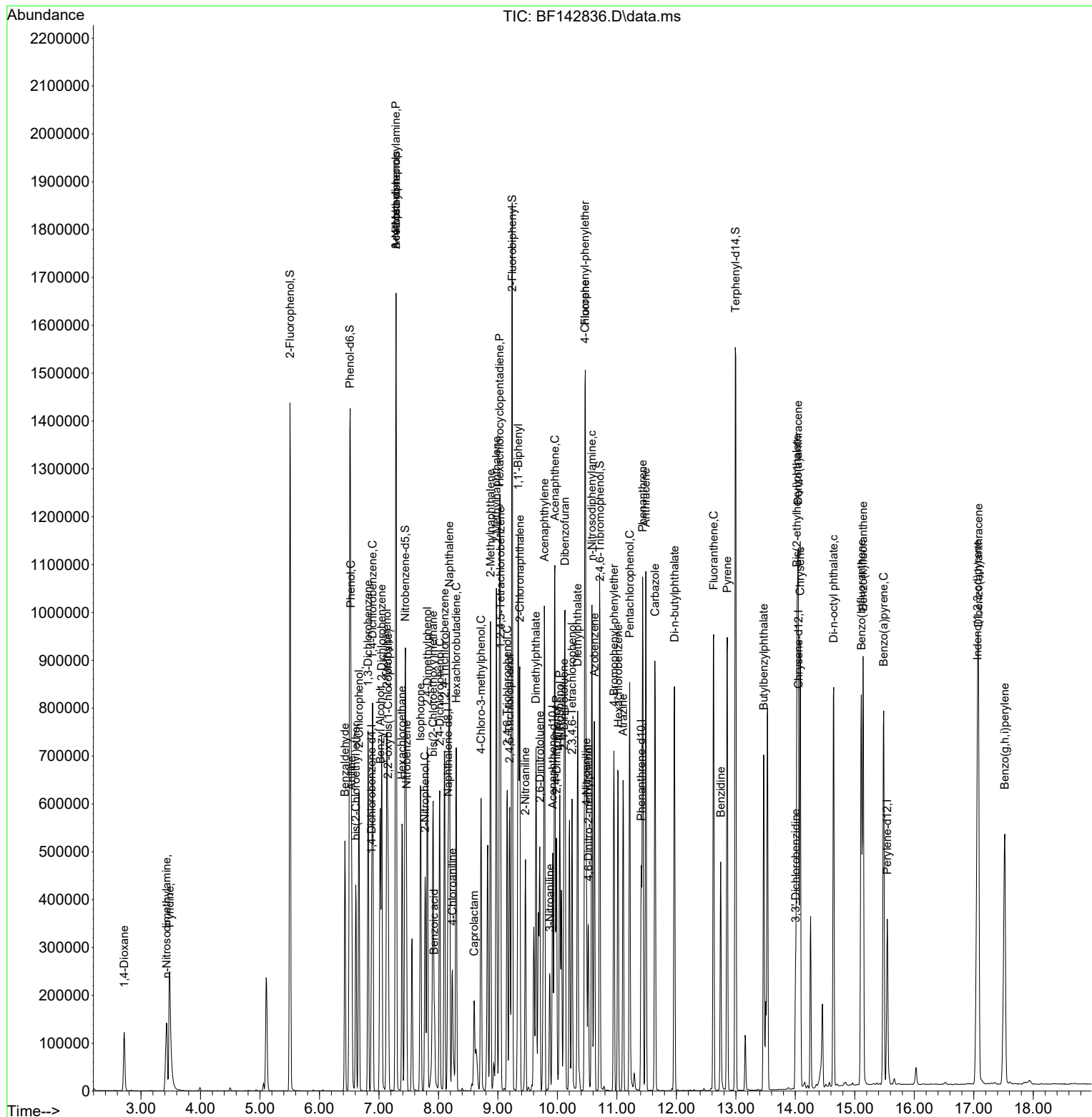
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	131160	43.077	ng	99
46) 1,1'-Biphenyl	9.339	154	526601	44.314	ng	100
47) 2-Chloronaphthalene	9.369	162	391214	43.870	ng	99
48) 2-Nitroaniline	9.463	65	107279	42.910	ng	95
49) Acenaphthylene	9.780	152	641037	43.666	ng	100
50) Dimethylphthalate	9.639	163	432670	44.433	ng	100
51) 2,6-Dinitrotoluene	9.704	165	94530	44.205	ng	99
52) Acenaphthene	9.957	154	432857	48.327	ng	99
53) 3-Nitroaniline	9.875	138	58192	24.716	ng	94
54) 2,4-Dinitrophenol	9.986	184	111563	104.189	ng	92
55) Dibenzofuran	10.128	168	553767	43.115	ng	99
56) 4-Nitrophenol	10.039	139	148233	91.963	ng	99
57) 2,4-Dinitrotoluene	10.110	165	130569	45.967	ng	98
58) Fluorene	10.469	166	431494	43.017	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	109923	44.788	ng	95
60) Diethylphthalate	10.339	149	434869	45.548	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	208164	43.489	ng	98
62) 4-Nitroaniline	10.486	138	95217	44.219	ng	99
63) Azobenzene	10.622	77	368801	43.219	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	70935	48.418	ng	99
66) n-Nitrosodiphenylamine	10.580	169	371386	44.242	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	125614	45.569	ng	97
68) Hexachlorobenzene	11.022	284	135788	44.331	ng	98
69) Atrazine	11.104	200	111873	51.609	ng	99
70) Pentachlorophenol	11.216	266	143315	93.897	ng	99
71) Phenanthrene	11.433	178	582659	44.408	ng	100
72) Anthracene	11.486	178	599633	44.562	ng	100
73) Carbazole	11.639	167	528549	45.517	ng	100
74) Di-n-butylphthalate	11.969	149	622098	51.426	ng	100
75) Fluoranthene	12.627	202	584298	46.924	ng	99
77) Benzidine	12.745	184	263635	40.446	ng	99
78) Pyrene	12.857	202	580194	35.678	ng	100
80) Butylbenzylphthalate	13.468	149	236584	50.154	ng	98
81) Benzo(a)anthracene	14.045	228	510276	43.600	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	73088	19.253	ng	99
83) Chrysene	14.080	228	476475	45.624	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	346643	51.075	ng	99
85) Di-n-octyl phthalate	14.645	149	600884	46.953	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	609525	40.760	ng	99
88) Benzo(b)fluoranthene	15.110	252	513076	45.164	ng	100
89) Benzo(k)fluoranthene	15.139	252	519326	48.862	ng	100
90) Benzo(a)pyrene	15.486	252	502904	45.823	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	495314	40.765	ng	99
92) Benzo(g,h,i)perylene	17.521	276	494097	40.780	ng	98

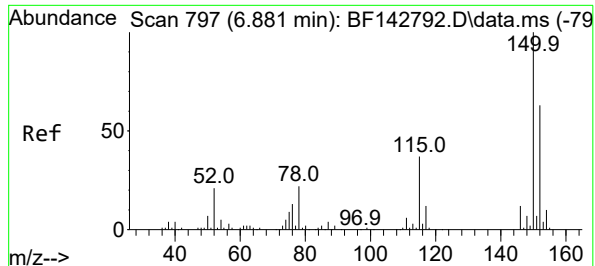
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Data File : BF142836.D
Acq On : 25 Jun 2025 14:25
Operator : RC/JU
Sample : PB168592BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BS

Quant Time: Jun 25 14:51:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

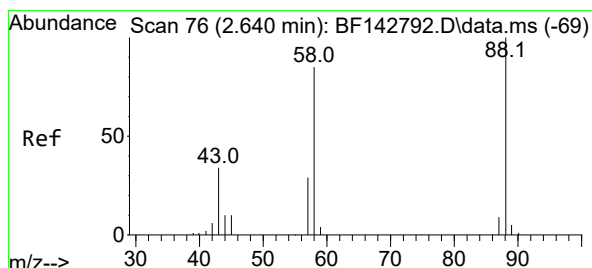
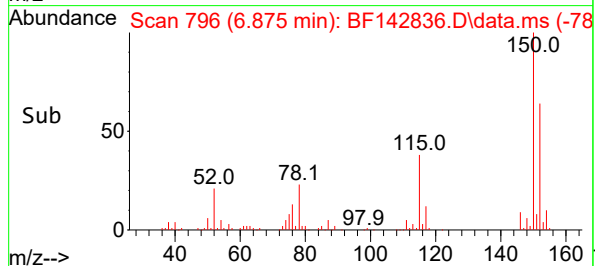
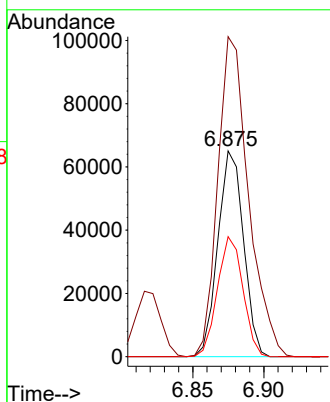
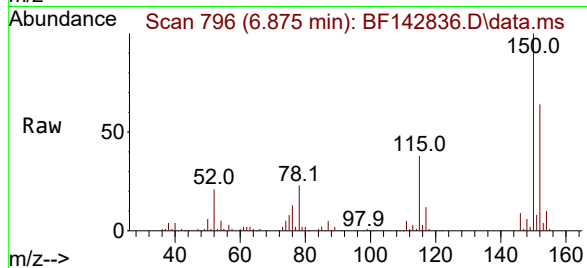




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

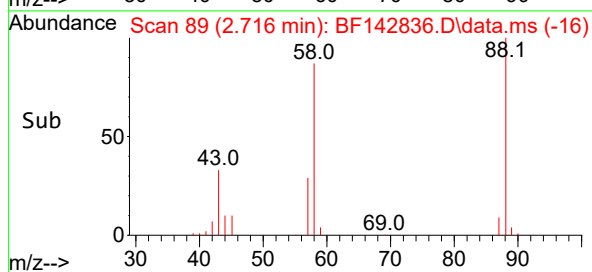
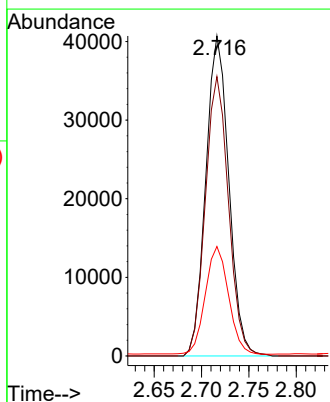
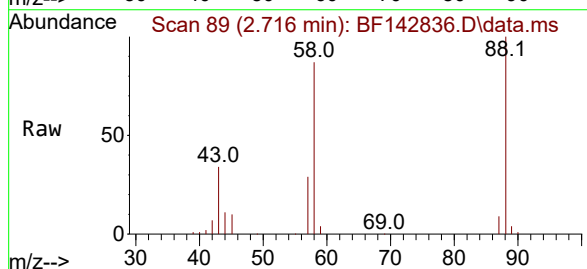
Instrument :
BNA_F
ClientSampleId :
PB168592BS

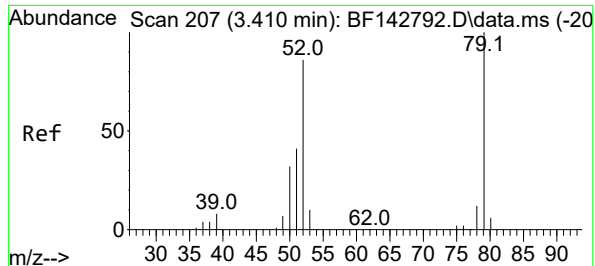
Tgt Ion:152 Resp: 81651
Ion Ratio Lower Upper
152 100
150 155.5 127.2 190.8
115 58.3 46.6 69.8



#2
1,4-Dioxane
Concen: 35.060 ng
RT: 2.716 min Scan# 89
Delta R.T. 0.076 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion: 88 Resp: 68772
Ion Ratio Lower Upper
88 100
58 87.9 69.1 103.7
43 33.9 27.4 41.2

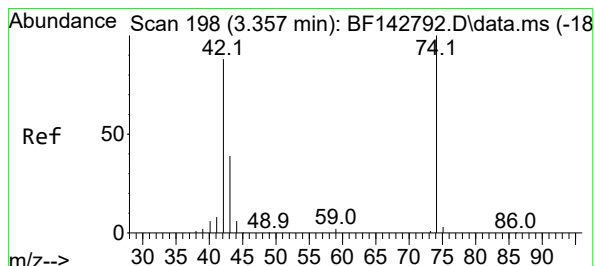
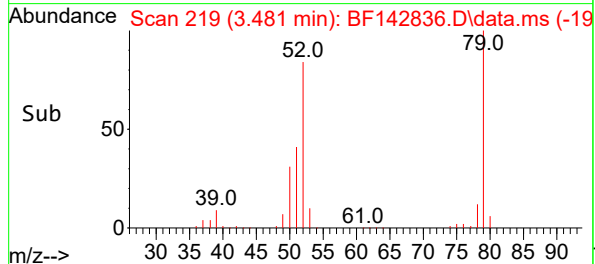
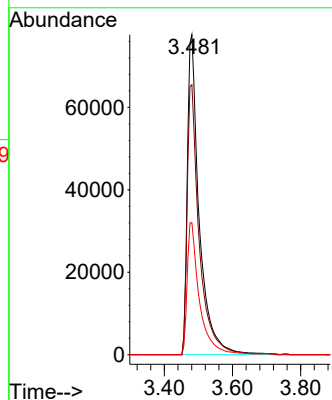
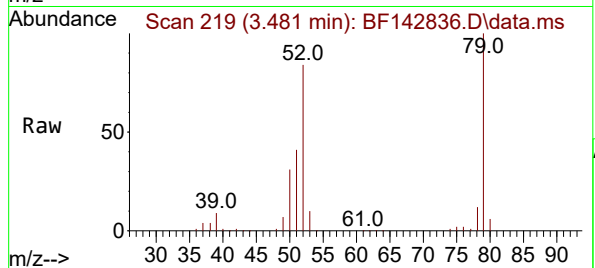




#3
Pyridine
Concen: 38.206 ng
RT: 3.481 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

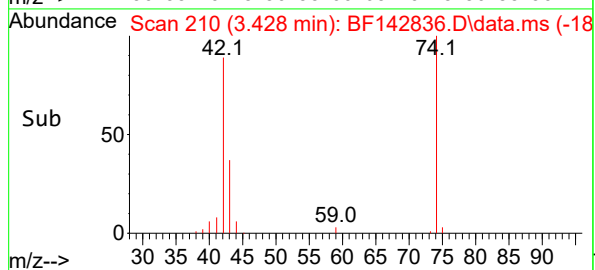
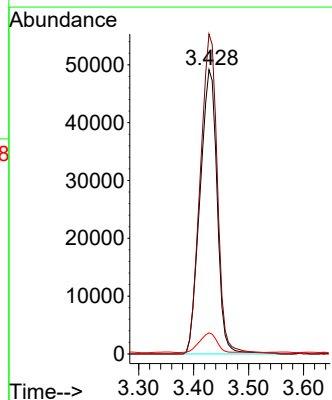
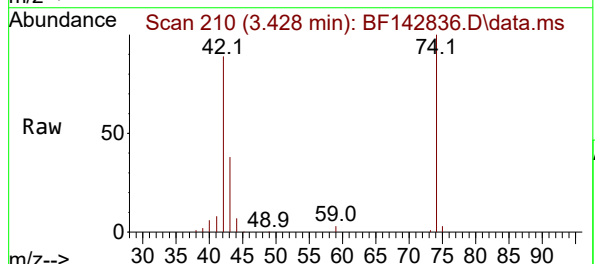
Instrument :
BNA_F
ClientSampleId :
PB168592BS

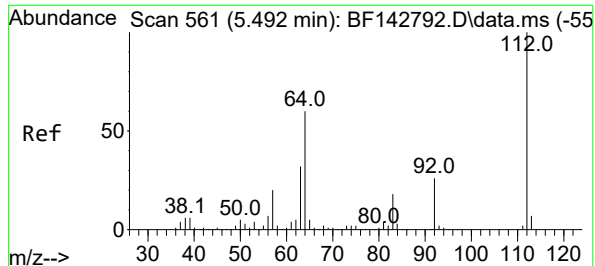
Tgt Ion: 79 Resp: 187879
Ion Ratio Lower Upper
79 100
52 84.4 69.2 103.8
51 41.3 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.756 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion: 42 Resp: 106183
Ion Ratio Lower Upper
42 100
74 112.5 90.9 136.3
44 7.5 5.8 8.6

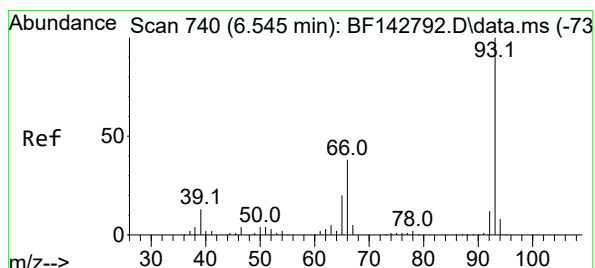
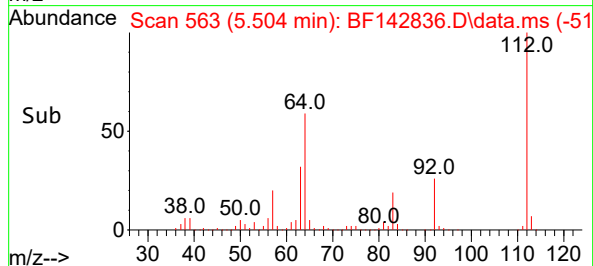
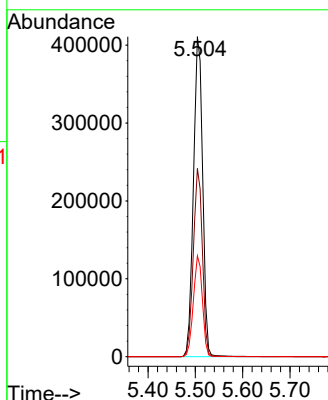
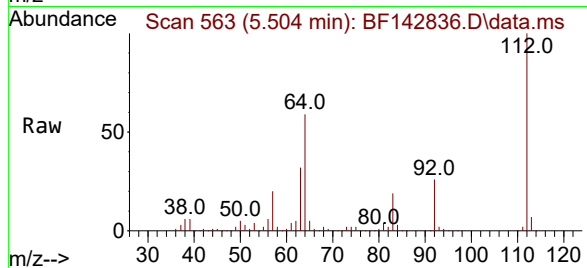




#5
2-Fluorophenol
Concen: 113.396 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

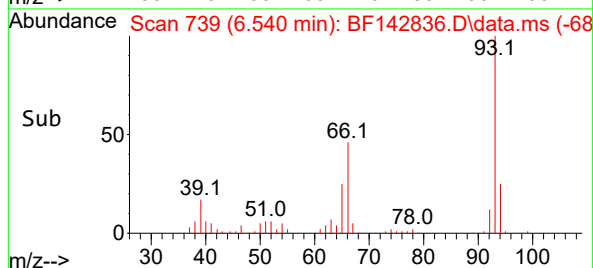
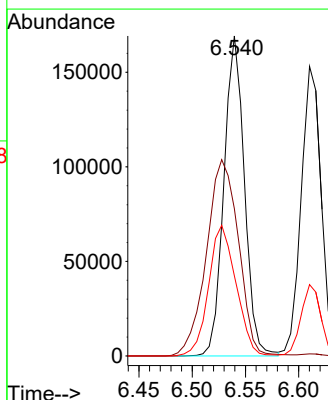
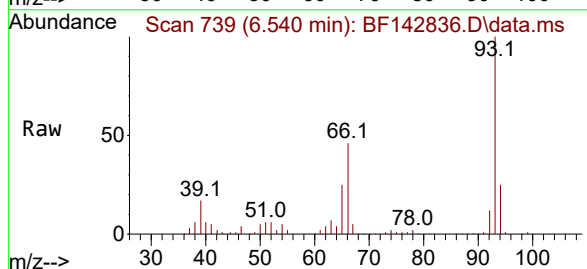
Instrument :
BNA_F
ClientSampleId :
PB168592BS

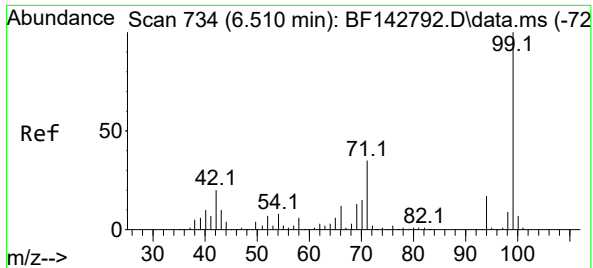
Tgt Ion:112 Resp: 556114
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.2
63 31.5 25.7 38.5



#6
Aniline
Concen: 29.424 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion: 93 Resp: 226530
Ion Ratio Lower Upper
93 100
66 46.1 31.8 47.6
65 25.1 16.2 24.2#

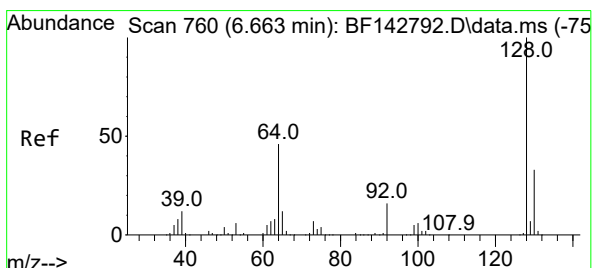
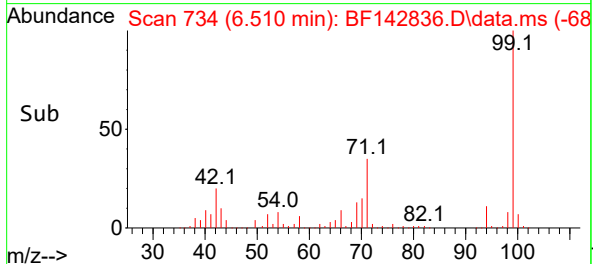
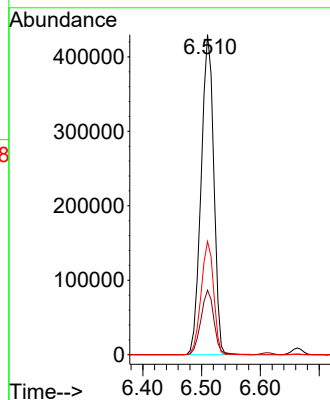
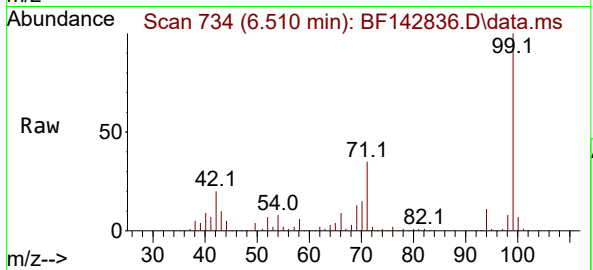




#7
Phenol-d6
Concen: 110.998 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

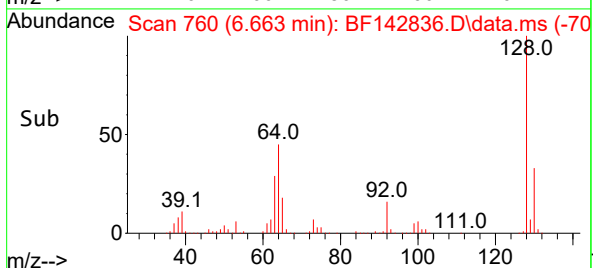
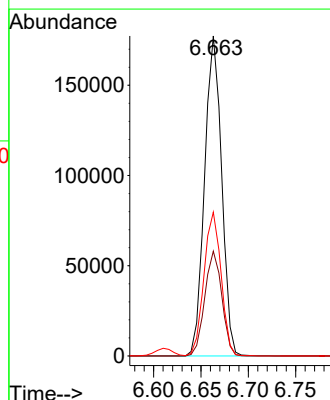
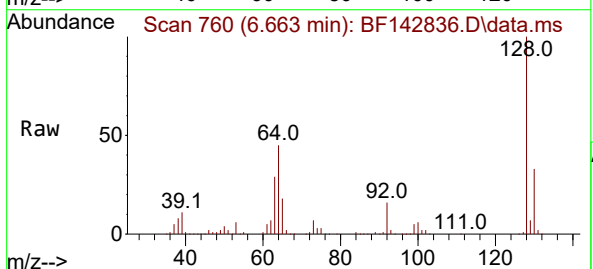
Instrument :
BNA_F
ClientSampleId :
PB168592BS

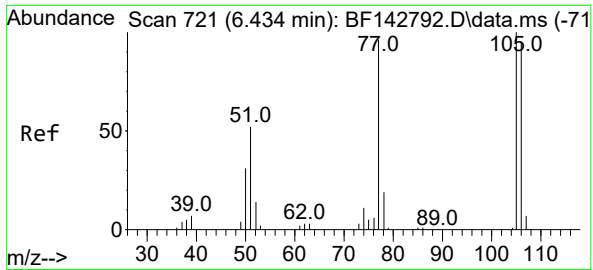
Tgt Ion: 99 Resp: 642235
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 35.4 27.8 41.8



#8
2-Chlorophenol
Concen: 41.887 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:128 Resp: 221594
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 45.0 26.5 66.5





#9

Benzaldehyde

Concen: 38.217 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

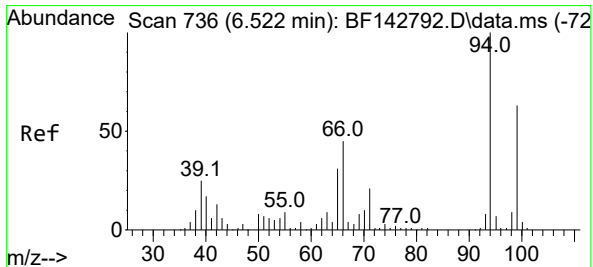
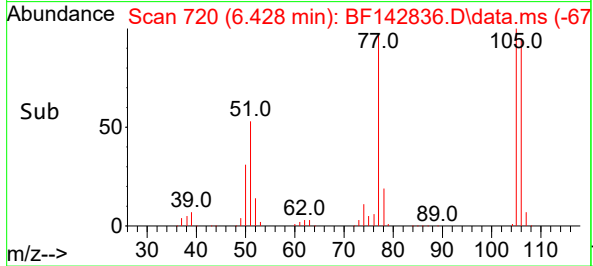
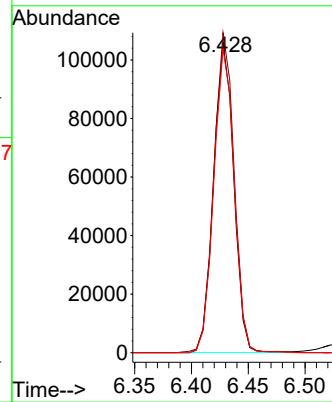
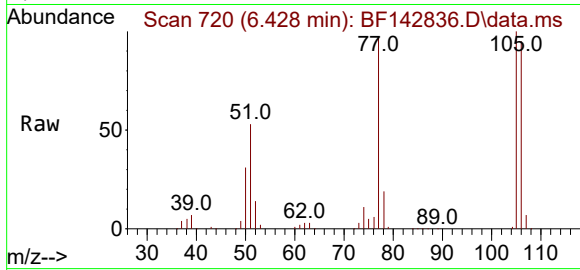
Tgt Ion: 77 Resp: 131188

Ion Ratio Lower Upper

77 100

105 103.1 83.8 123.8

106 97.8 78.7 118.7



#10

Phenol

Concen: 40.274 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

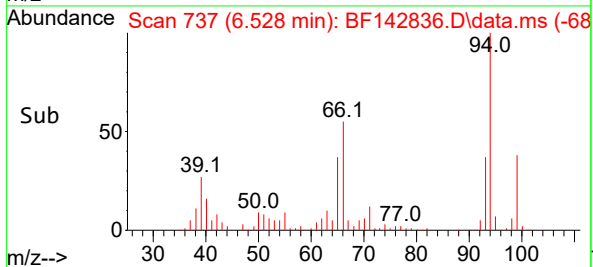
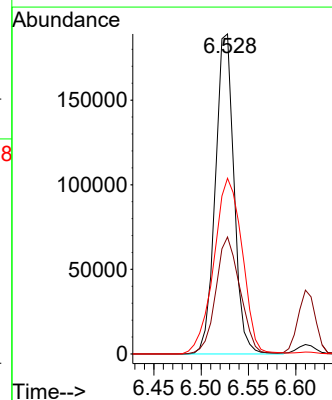
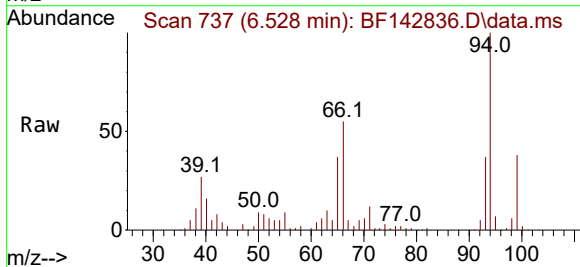
Tgt Ion: 94 Resp: 259021

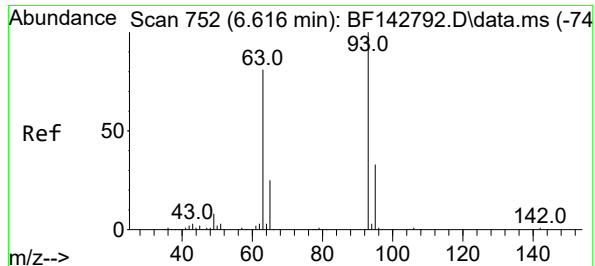
Ion Ratio Lower Upper

94 100

65 36.6 11.3 51.3

66 54.9 24.9 64.9

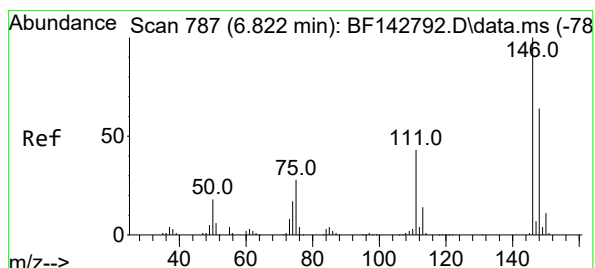
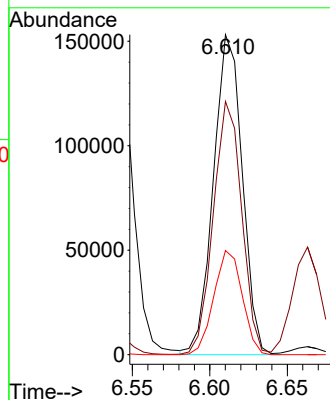
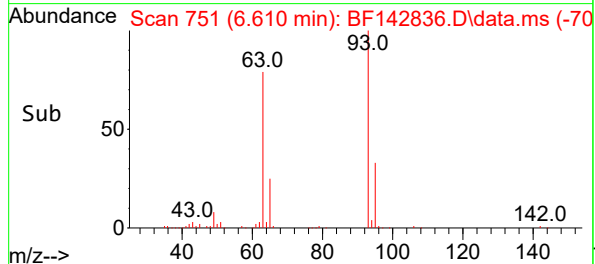
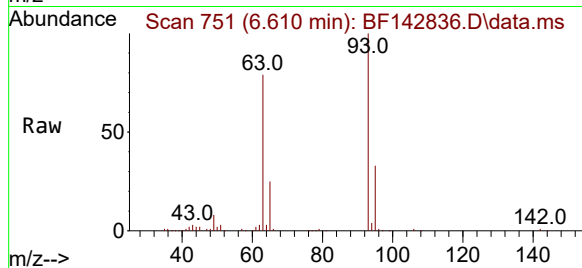




#11
bis(2-Chloroethyl)ether
Concen: 43.201 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

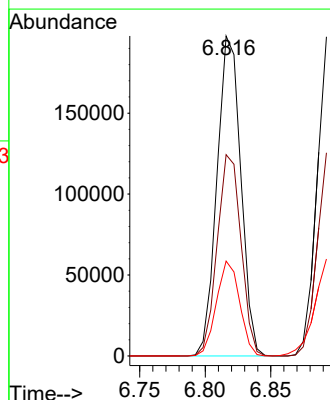
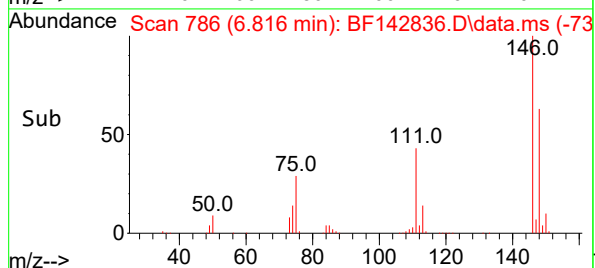
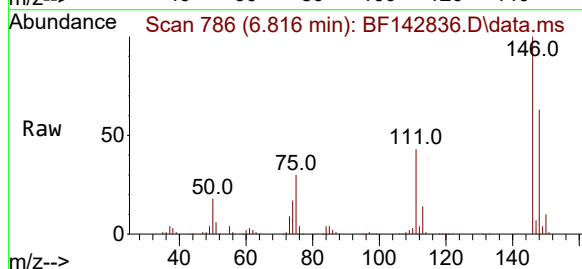
Instrument :
BNA_F
ClientSampleId :
PB168592BS

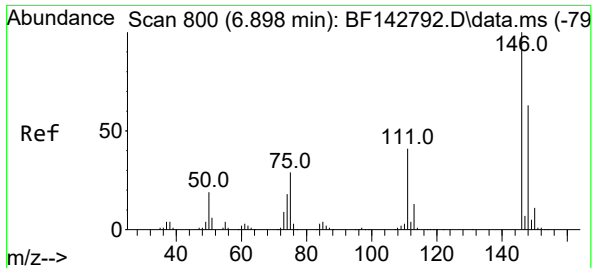
Tgt Ion: 93 Resp: 198585
Ion Ratio Lower Upper
93 100
63 79.1 60.3 100.3
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.194 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:146 Resp: 249638
Ion Ratio Lower Upper
146 100
148 62.9 51.1 76.7
75 29.6 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 41.738 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

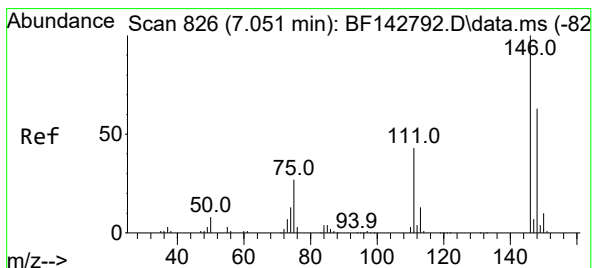
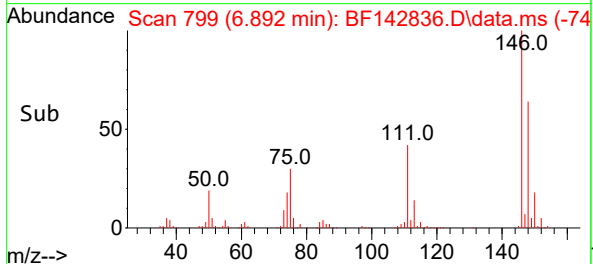
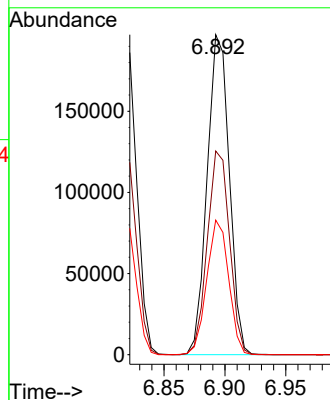
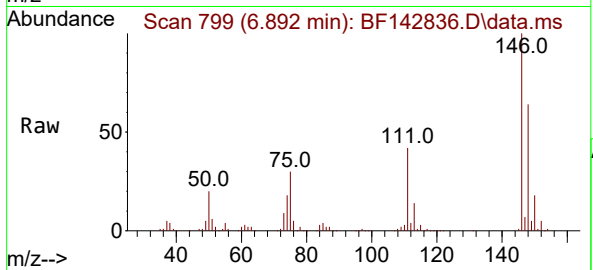
Tgt Ion:146 Resp: 249146

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 42.0 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.622 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

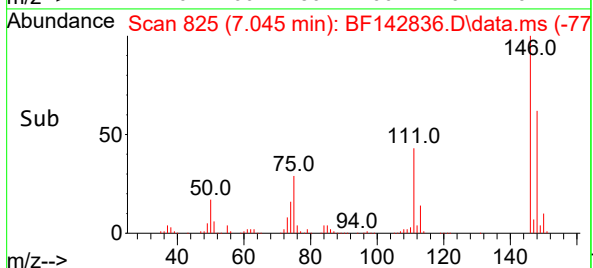
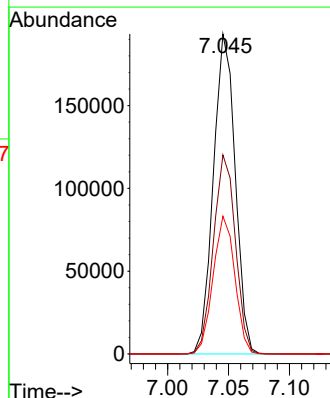
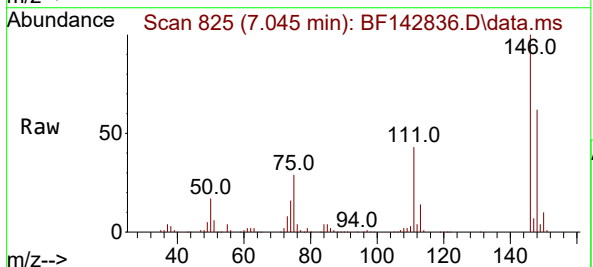
Tgt Ion:146 Resp: 241318

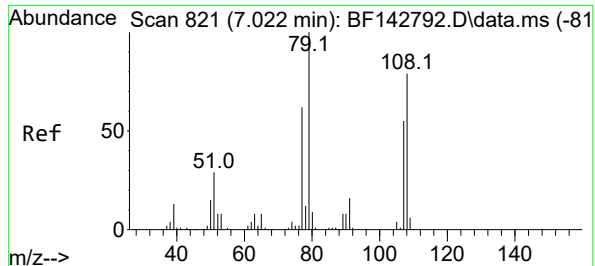
Ion Ratio Lower Upper

146 100

148 62.2 50.4 75.6

111 43.1 34.1 51.1





#15

Benzyl Alcohol

Concen: 41.438 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

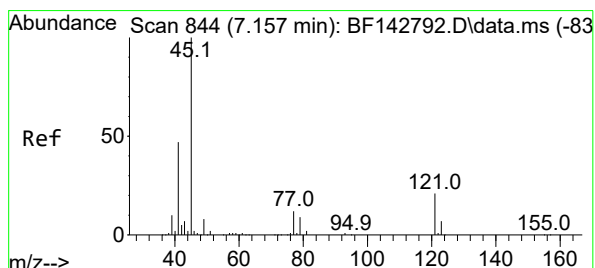
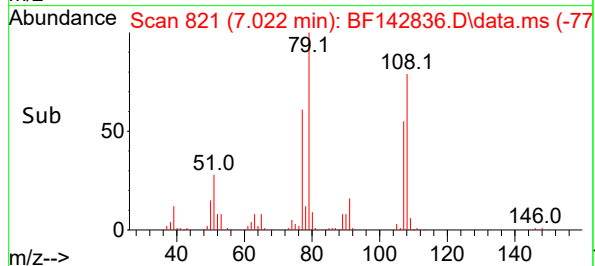
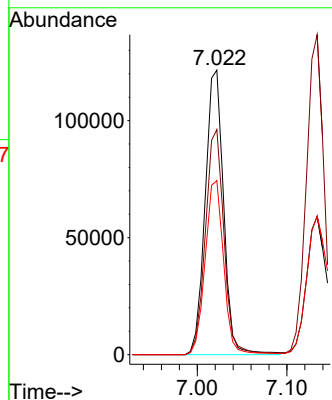
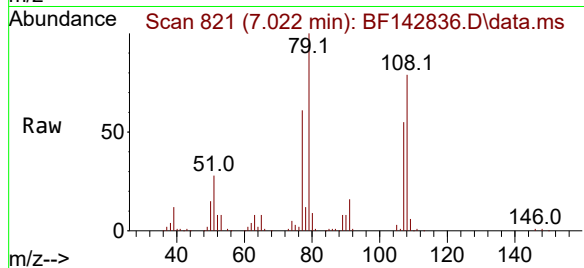
Tgt Ion: 79 Resp: 173328

Ion Ratio Lower Upper

79 100

108 79.1 63.4 95.0

77 61.2 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.232 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

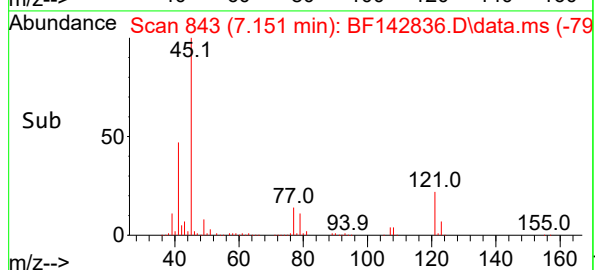
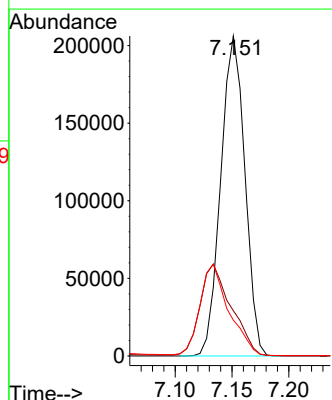
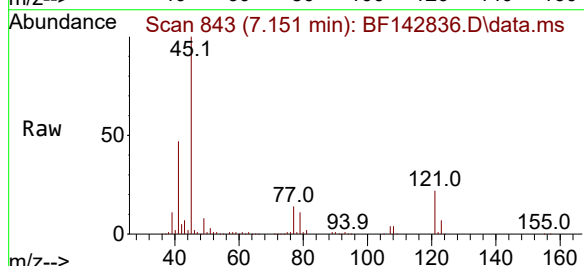
Tgt Ion: 45 Resp: 304508

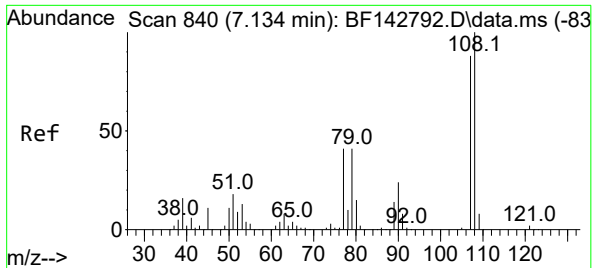
Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.8

79 11.2 0.0 29.8

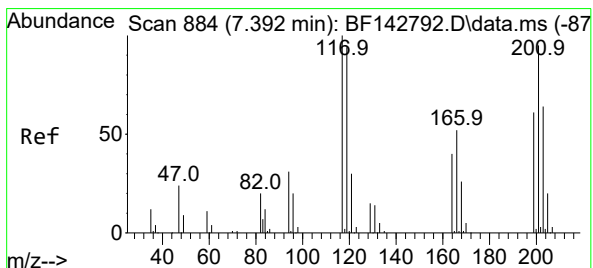
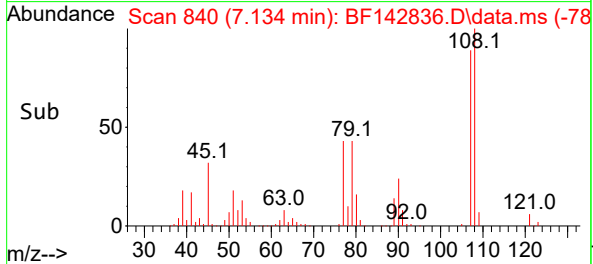
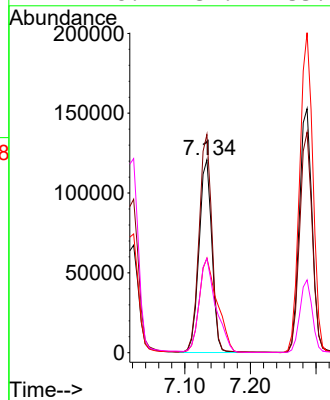
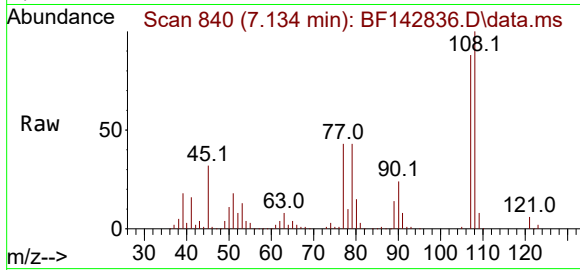




#17
2-Methylphenol
Concen: 41.318 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

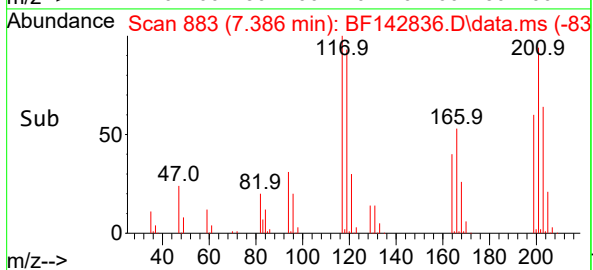
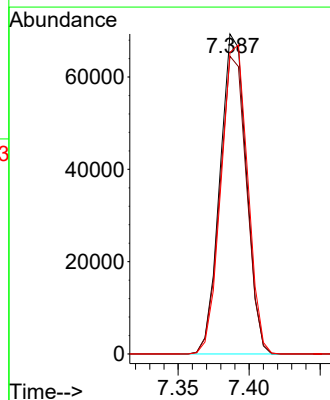
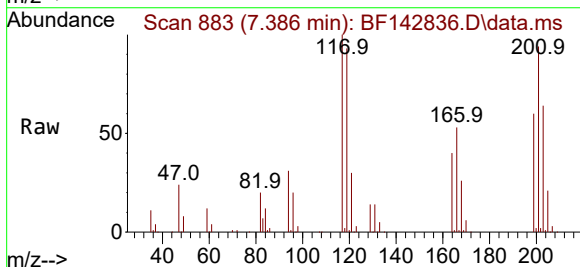
Instrument :
BNA_F
ClientSampleId :
PB168592BS

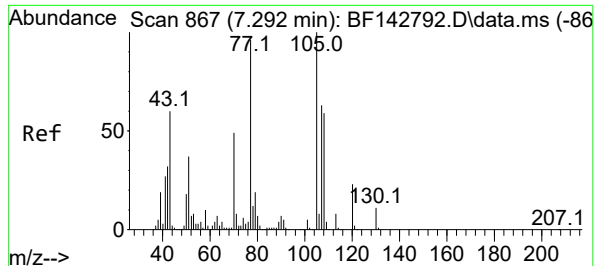
Tgt Ion:107 Resp: 165646
Ion Ratio Lower Upper
107 100
108 113.1 90.9 136.3
77 49.0 37.3 55.9
79 48.9 37.2 55.8



#18
Hexachloroethane
Concen: 42.773 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:117 Resp: 89305
Ion Ratio Lower Upper
117 100
119 93.0 75.4 113.0
201 94.2 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.546 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

Tgt Ion: 70 Resp: 139808

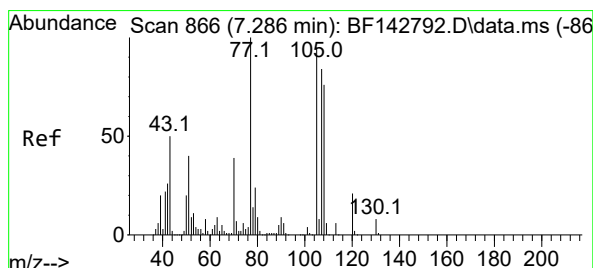
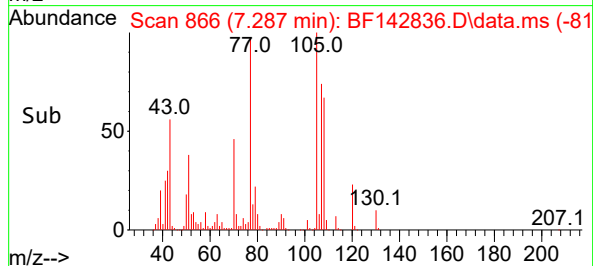
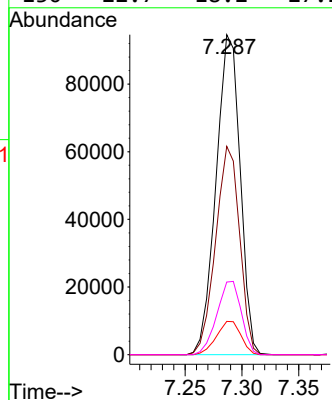
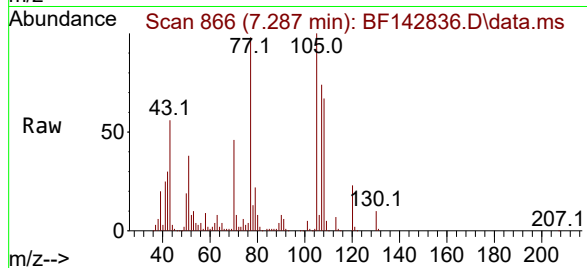
Ion Ratio Lower Upper

70 100

42 65.1 52.1 78.1

101 10.4 8.2 12.2

130 22.7 18.2 27.2



#20

3+4-Methylphenols

Concen: 41.543 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Tgt Ion:107 Resp: 207652

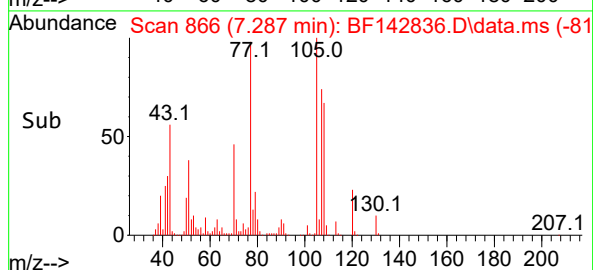
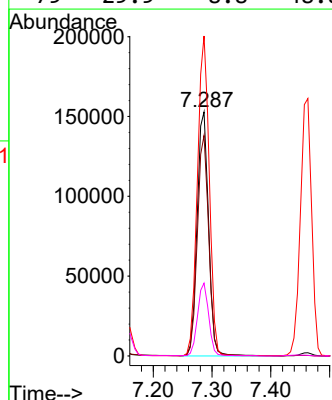
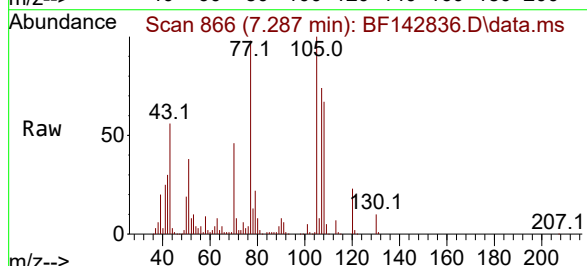
Ion Ratio Lower Upper

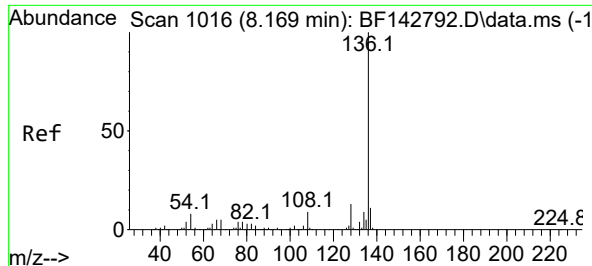
107 100

108 90.4 70.0 110.0

77 131.2 98.5 138.5

79 29.9 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

Tgt Ion:136 Resp: 296393

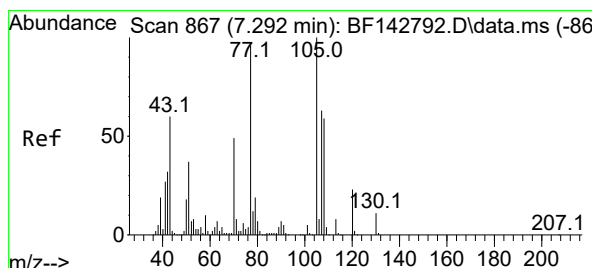
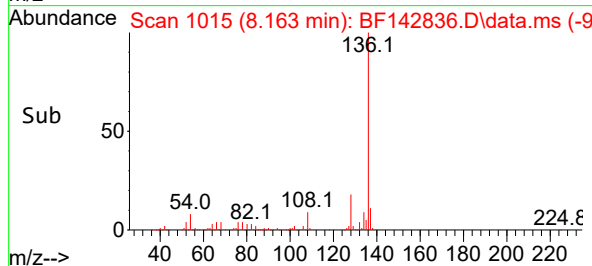
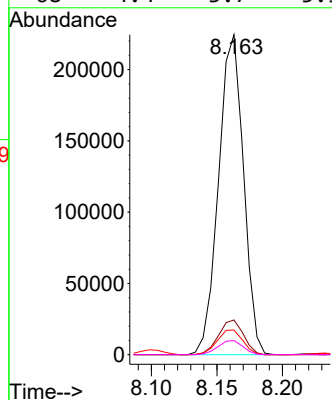
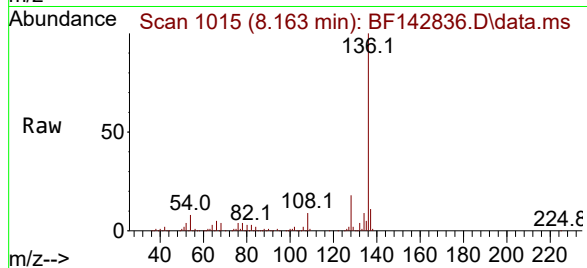
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 7.7 6.3 9.5

68 4.4 3.7 5.5



#22

Acetophenone

Concen: 44.492 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Tgt Ion:105 Resp: 290803

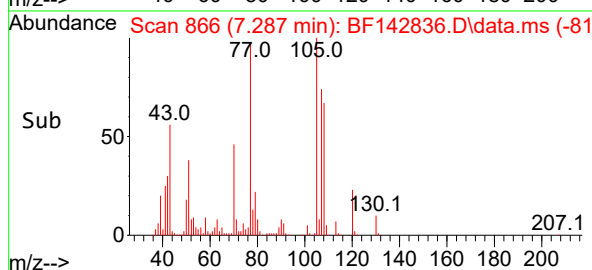
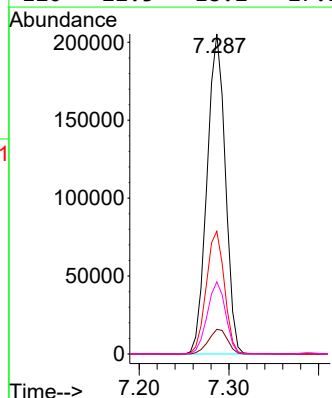
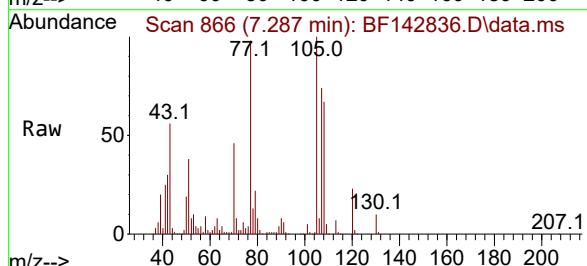
Ion Ratio Lower Upper

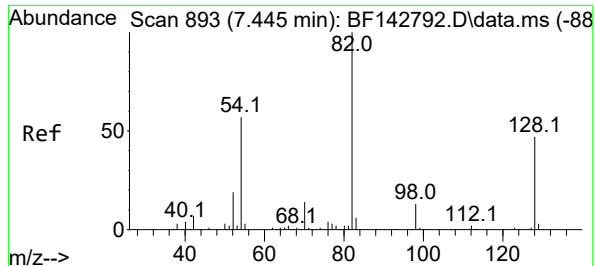
105 100

71 7.7 6.5 9.7

51 38.3 29.8 44.8

120 22.5 18.2 27.2





#23

Nitrobenzene-d5

Concen: 74.326 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

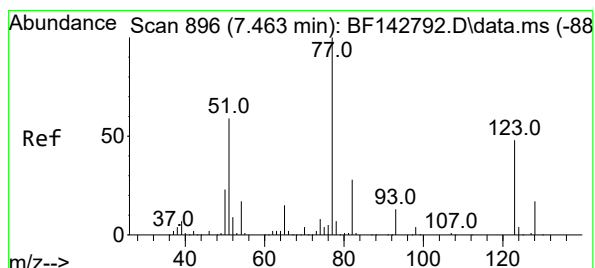
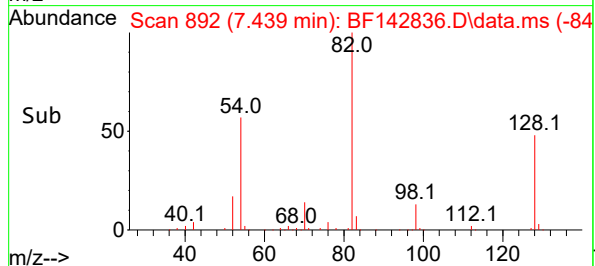
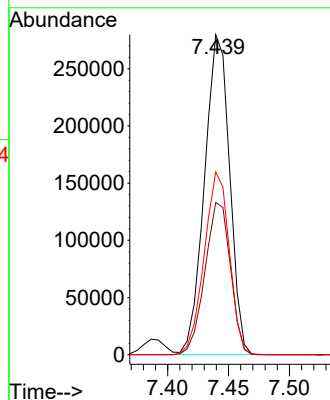
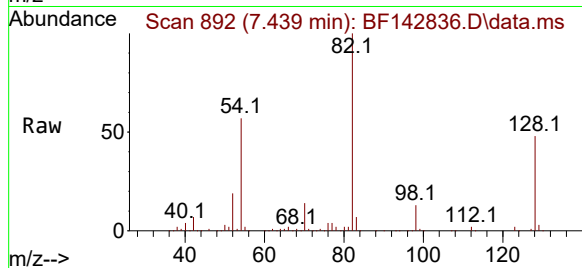
Tgt Ion: 82 Resp: 401632

Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

54 57.0 45.7 68.5



#24

Nitrobenzene

Concen: 43.980 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

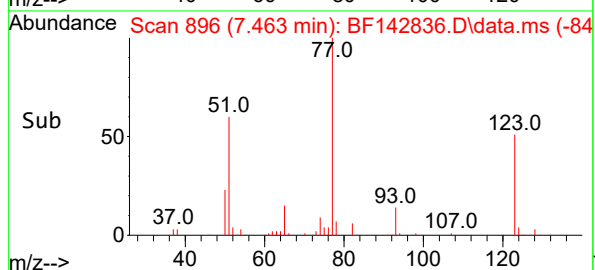
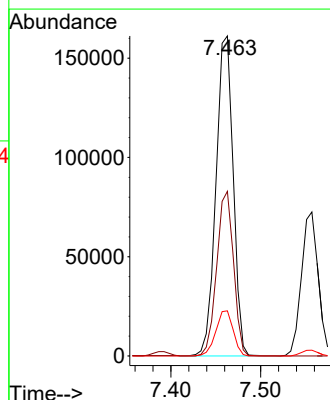
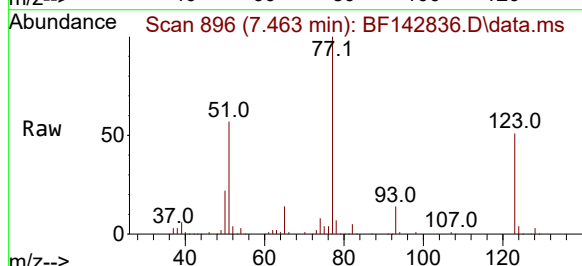
Tgt Ion: 77 Resp: 215096

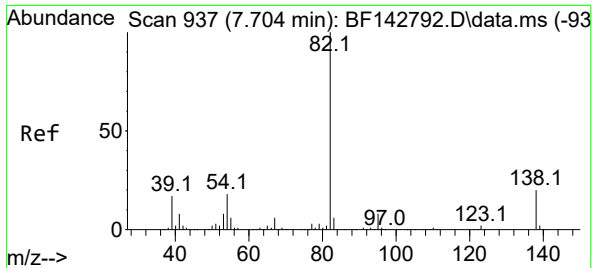
Ion Ratio Lower Upper

77 100

123 51.4 39.2 58.8

65 14.1 11.6 17.4

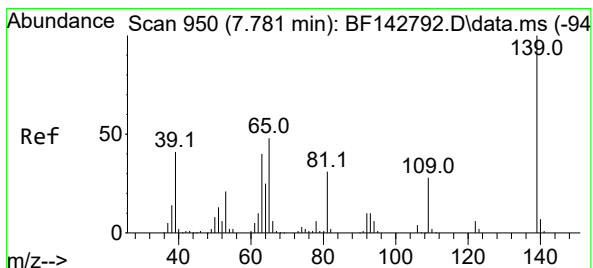
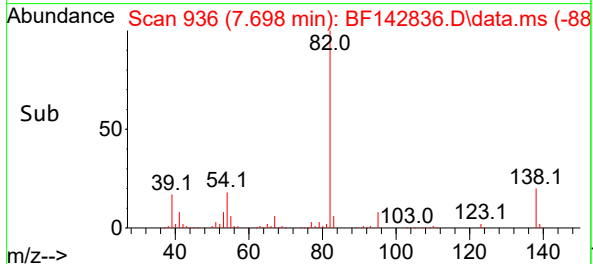
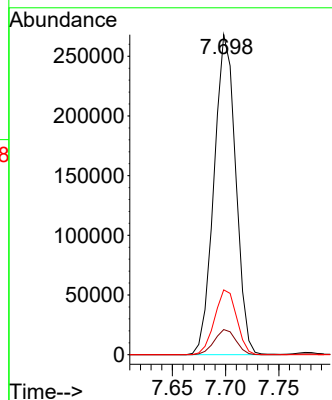
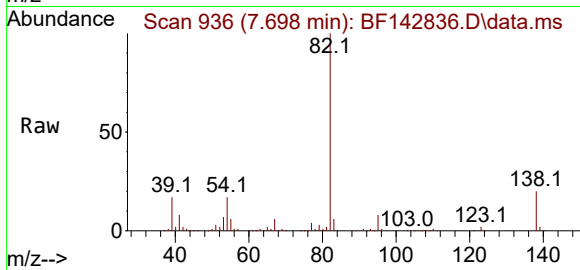




#25
Isophorone
Concen: 43.841 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

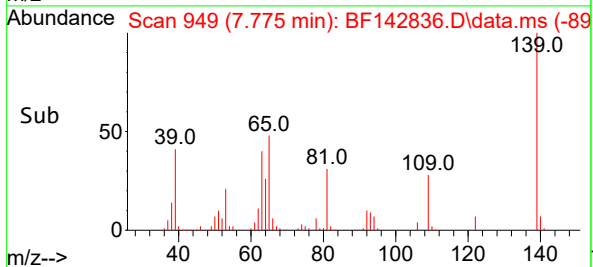
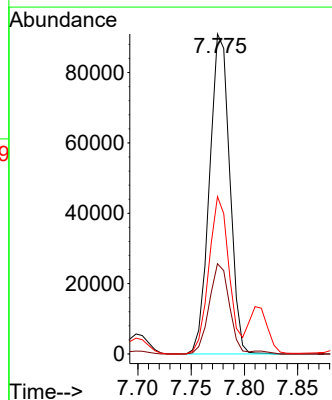
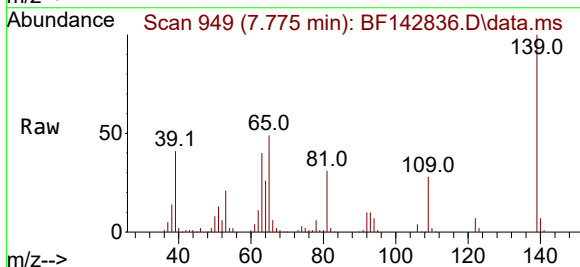
Instrument :
BNA_F
ClientSampleId :
PB168592BS

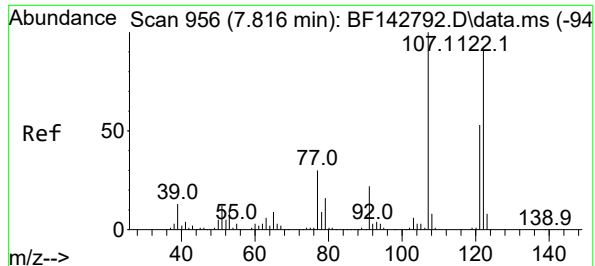
Tgt Ion: 82 Resp: 380021
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 45.088 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion: 139 Resp: 120125
Ion Ratio Lower Upper
139 100
109 28.2 22.7 34.1
65 49.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.731 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

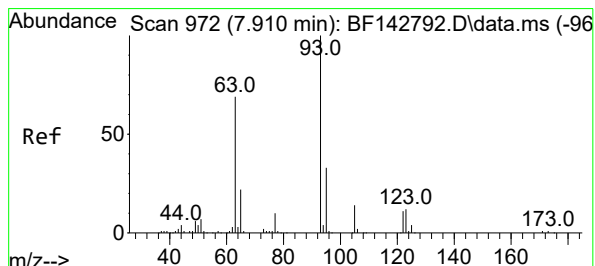
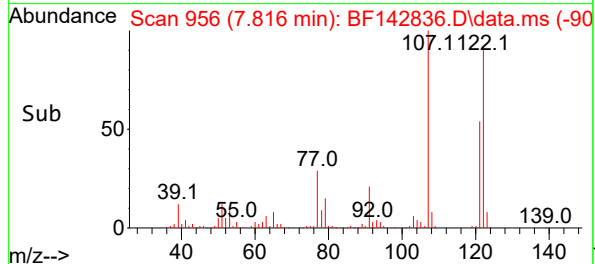
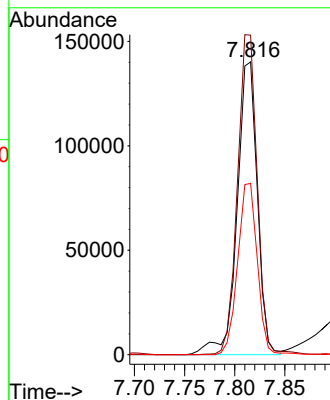
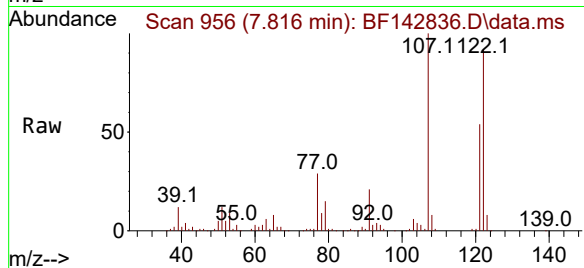
Tgt Ion:122 Resp: 197200

Ion Ratio Lower Upper

122 100

107 109.1 88.0 132.0

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.665 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

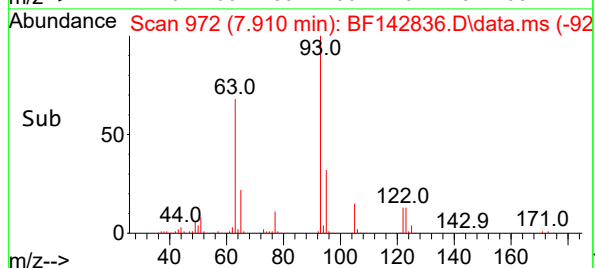
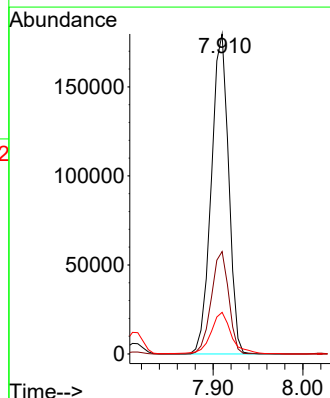
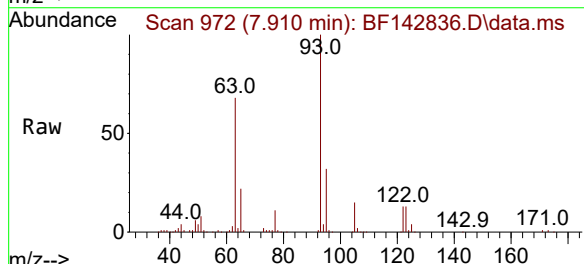
Tgt Ion: 93 Resp: 240634

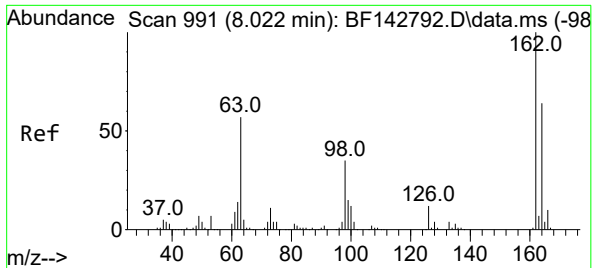
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 13.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.145 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

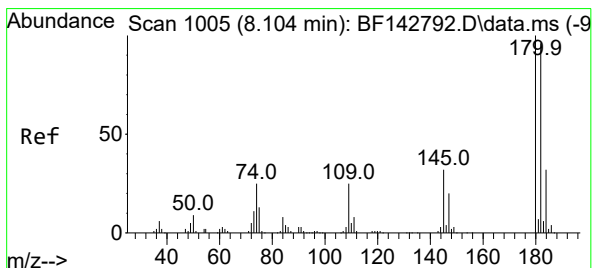
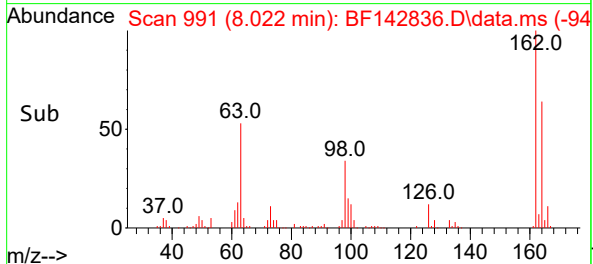
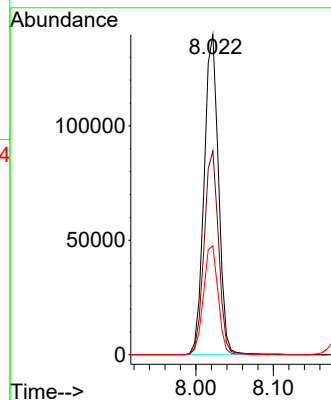
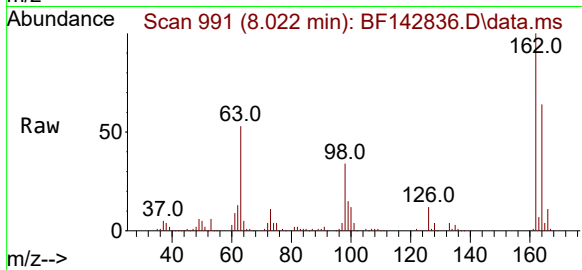
Tgt Ion:162 Resp: 180538

Ion Ratio Lower Upper

162 100

164 63.7 44.0 84.0

98 34.0 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 43.791 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

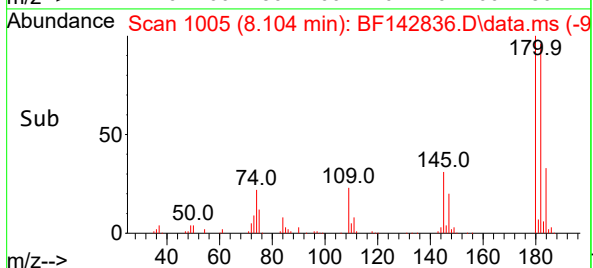
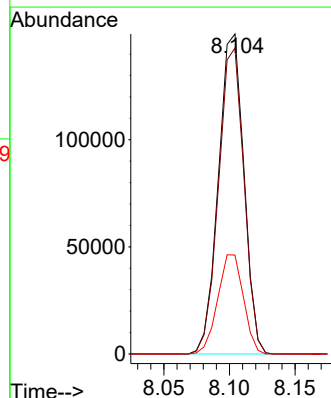
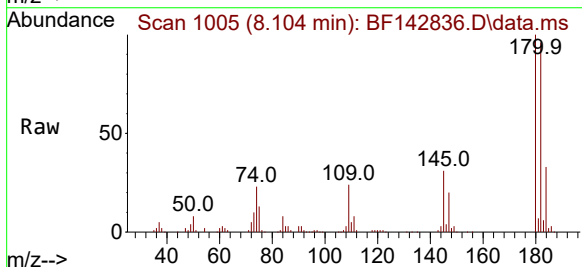
Tgt Ion:180 Resp: 201493

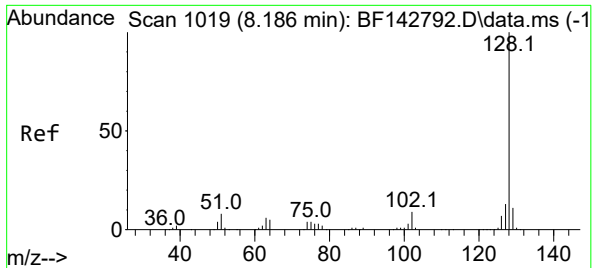
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

145 30.9 25.8 38.8





#31

Naphthalene

Concen: 43.625 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

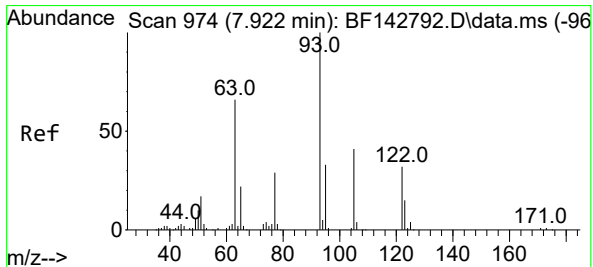
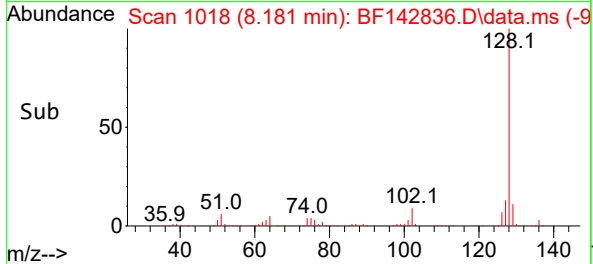
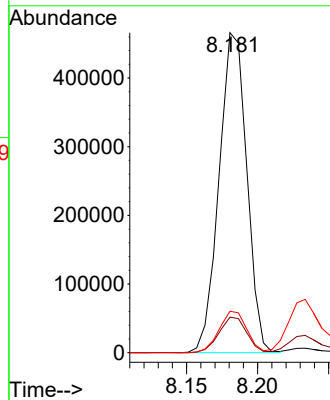
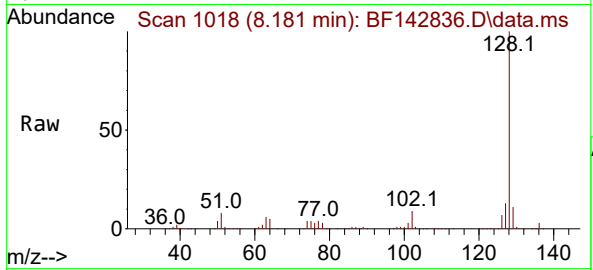
Tgt Ion:128 Resp: 632908

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 46.431 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

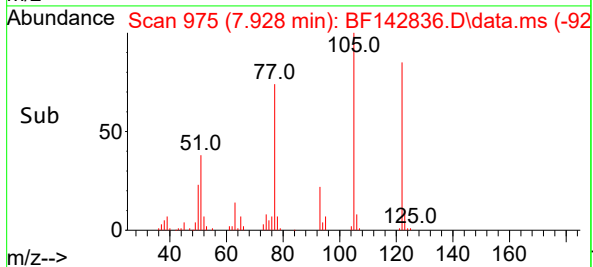
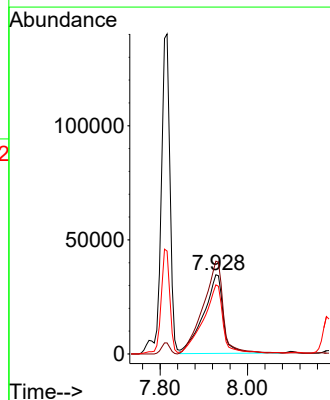
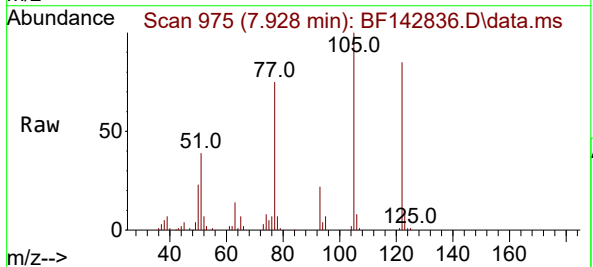
Tgt Ion:122 Resp: 109212

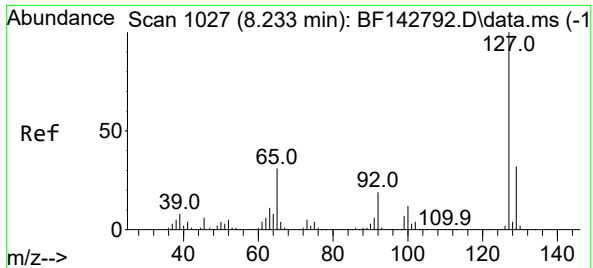
Ion Ratio Lower Upper

122 100

105 117.1 104.7 144.7

77 87.3 70.2 110.2





#33

4-Chloroaniline

Concen: 23.379 ng

RT: 8.233 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

Tgt Ion:127 Resp: 137919

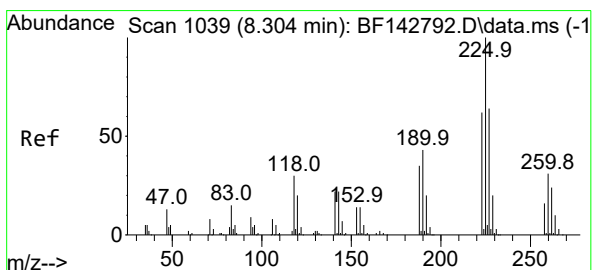
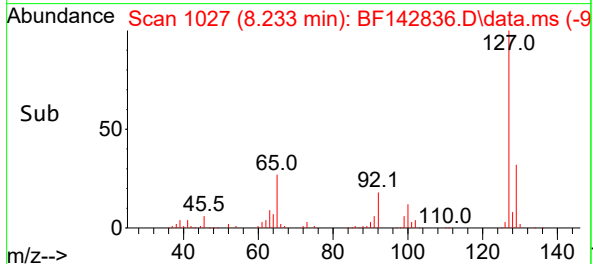
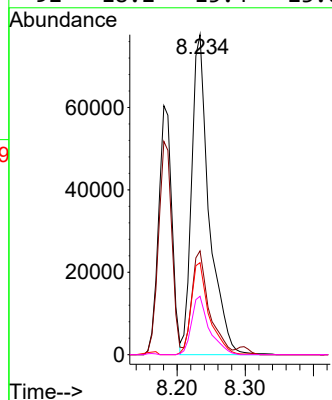
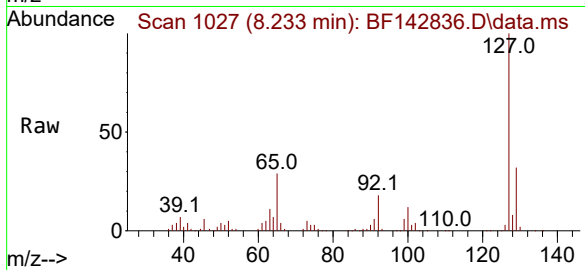
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 28.8 24.6 36.8

92 18.2 15.4 23.0



#34

Hexachlorobutadiene

Concen: 44.463 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

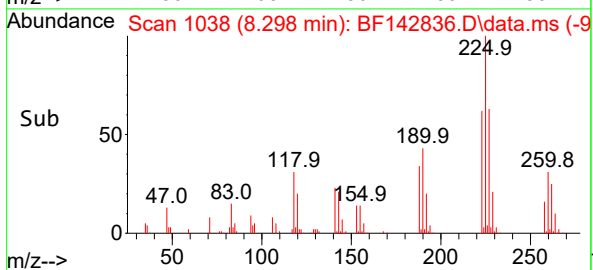
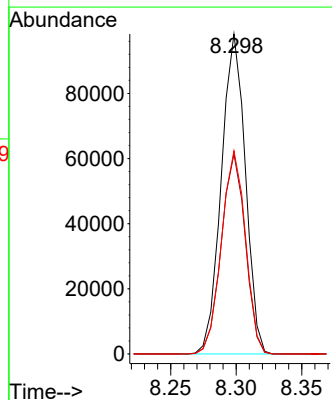
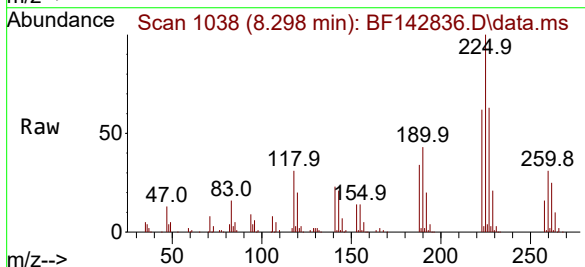
Tgt Ion:225 Resp: 125139

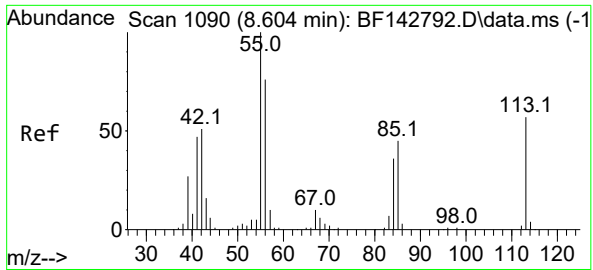
Ion Ratio Lower Upper

225 100

223 62.4 49.9 74.9

227 63.5 51.4 77.0

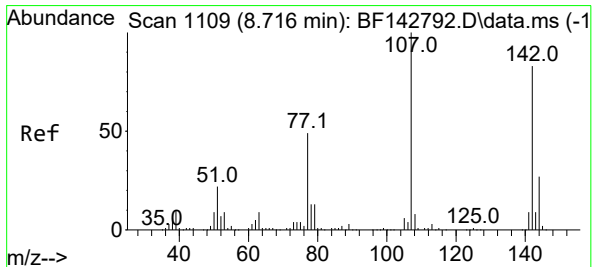
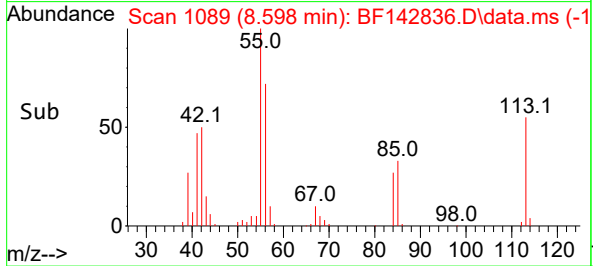
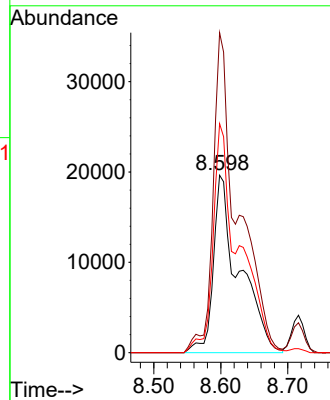
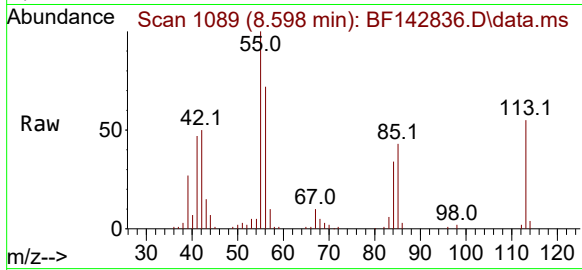




#35
Caprolactam
Concen: 47.537 ng m
RT: 8.598 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

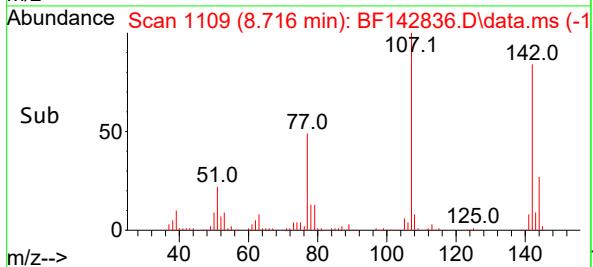
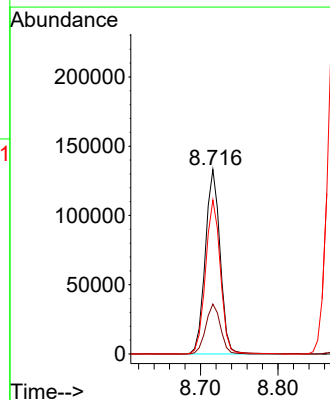
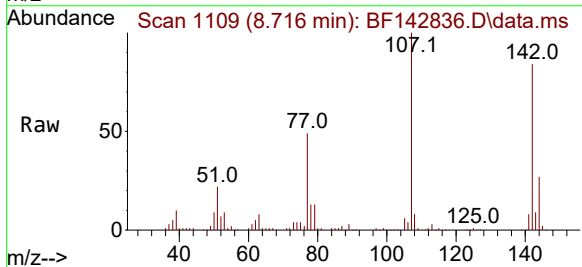
Instrument :
BNA_F
ClientSampleId :
PB168592BS

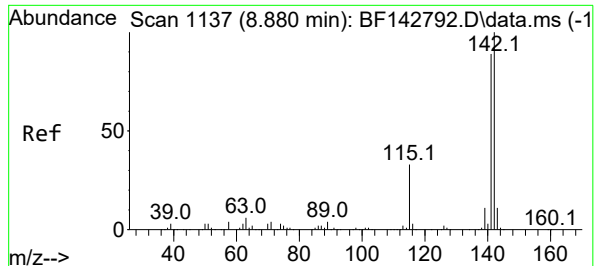
Tgt Ion:113 Resp: 52489
Ion Ratio Lower Upper
113 100
55 180.4 154.4 194.4
56 129.1 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 42.573 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:107 Resp: 177044
Ion Ratio Lower Upper
107 100
144 27.0 21.3 31.9
142 83.5 66.6 100.0

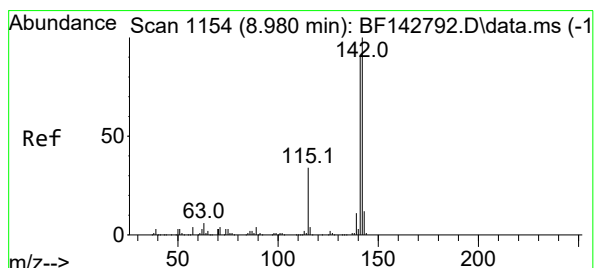
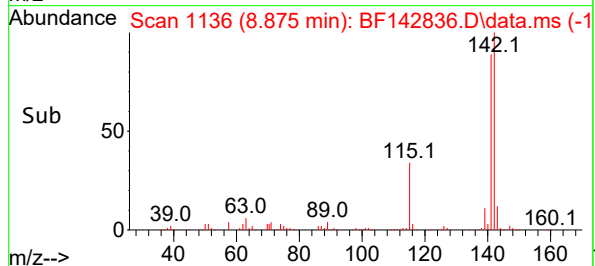
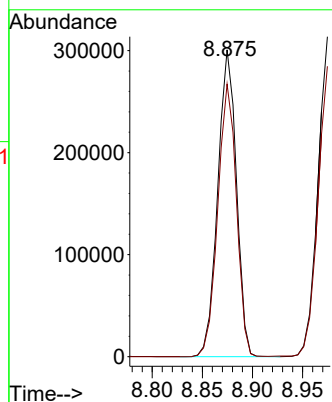
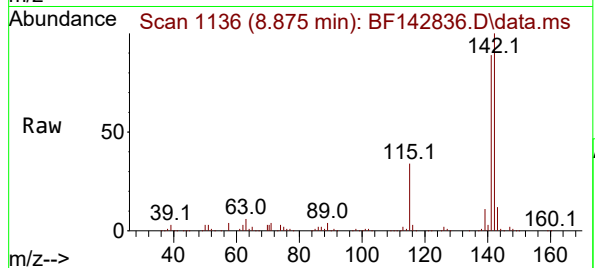




#37
2-Methylnaphthalene
Concen: 43.206 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

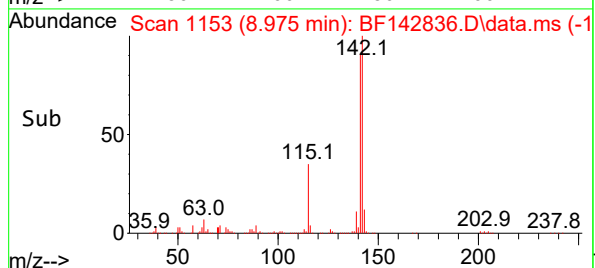
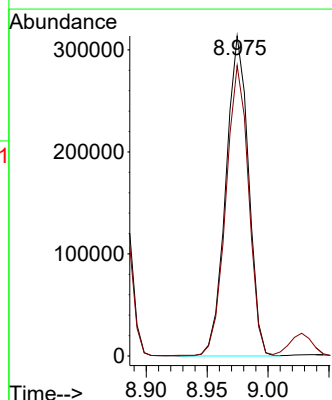
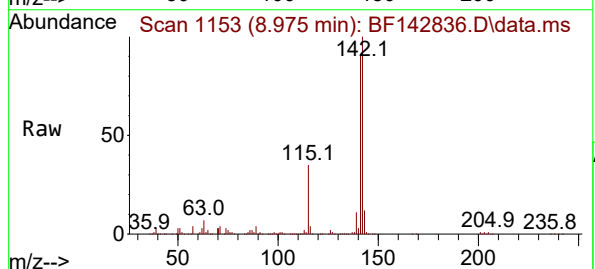
Instrument :
BNA_F
ClientSampleId :
PB168592BS

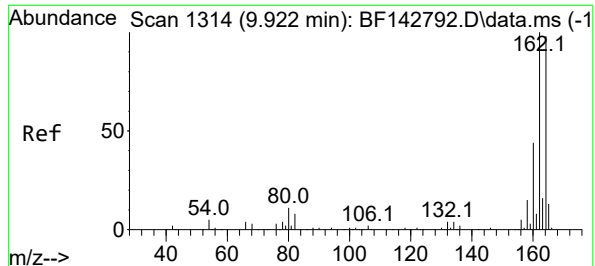
Tgt Ion:142 Resp: 388612
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#38
1-Methylnaphthalene
Concen: 43.583 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:142 Resp: 405799
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

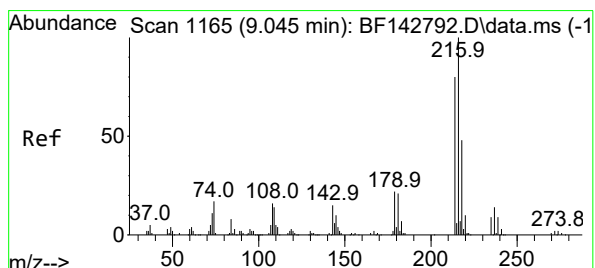
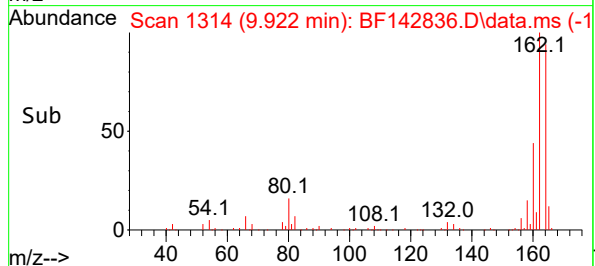
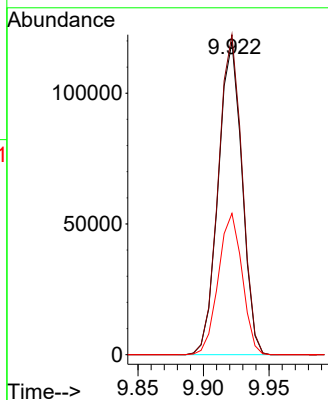
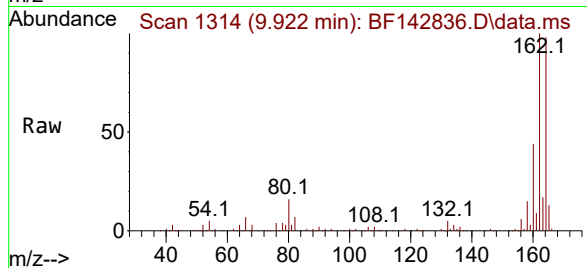
Tgt Ion:164 Resp: 150433

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

160 45.2 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.502 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Tgt Ion:216 Resp: 197534

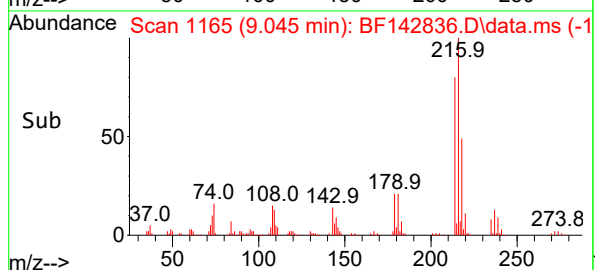
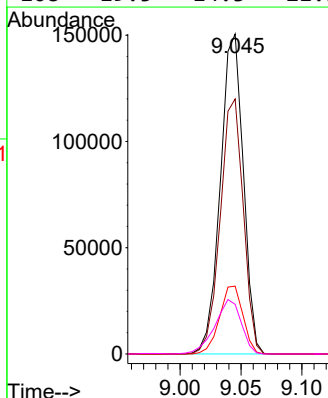
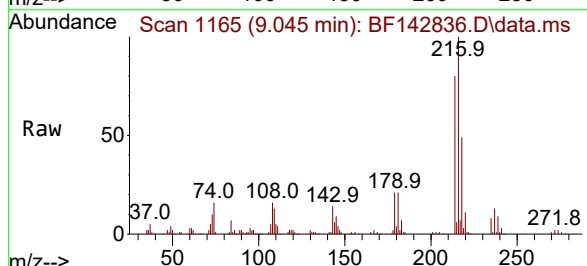
Ion Ratio Lower Upper

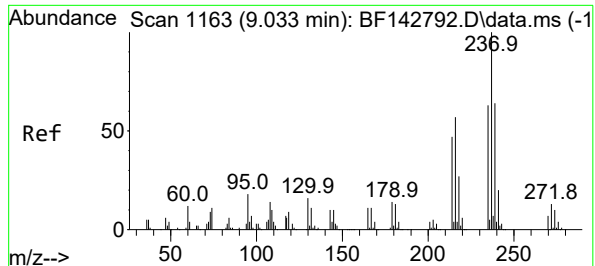
216 100

214 79.8 63.7 95.5

179 21.6 17.6 26.4

108 19.5 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 93.890 ng

RT: 9.028 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

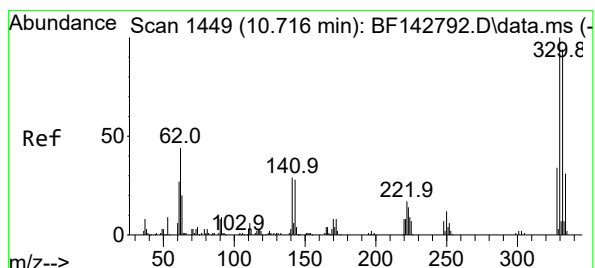
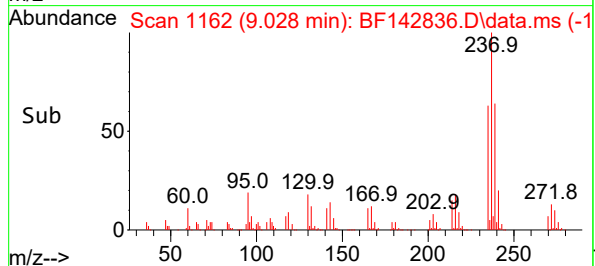
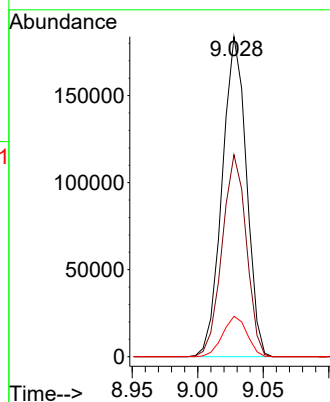
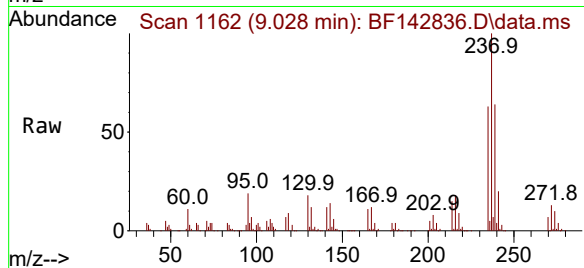
Tgt Ion:237 Resp: 236501

Ion Ratio Lower Upper

237 100

235 63.1 43.4 83.4

272 12.6 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 121.933 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

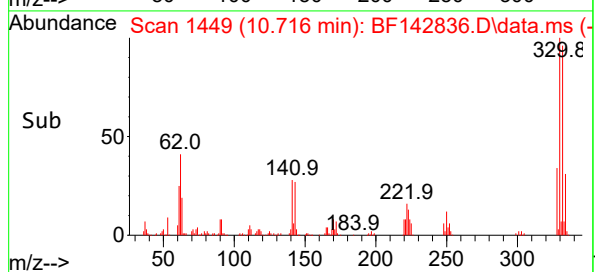
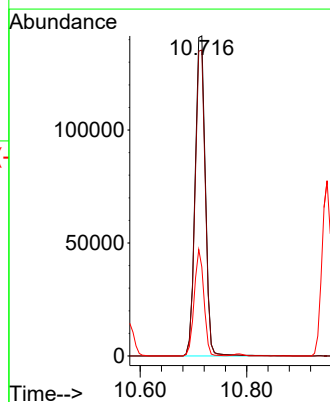
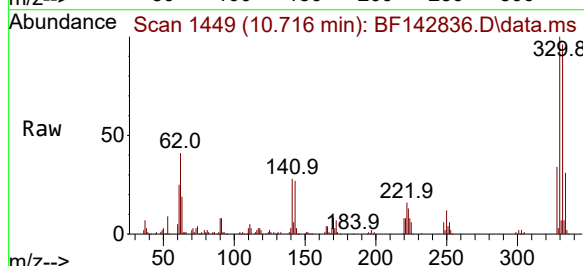
Tgt Ion:330 Resp: 188759

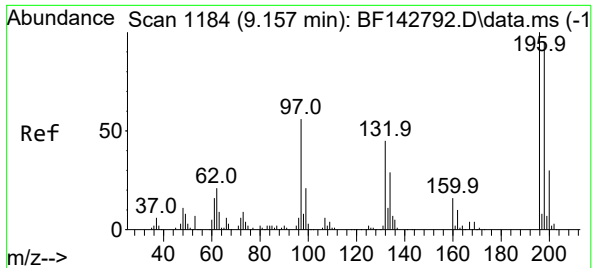
Ion Ratio Lower Upper

330 100

332 95.3 75.0 112.6

141 31.4 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 43.504 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

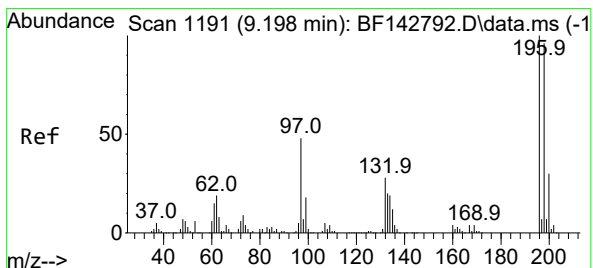
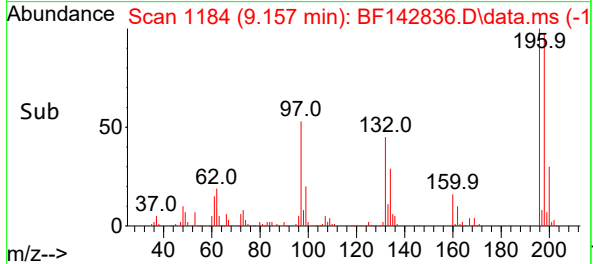
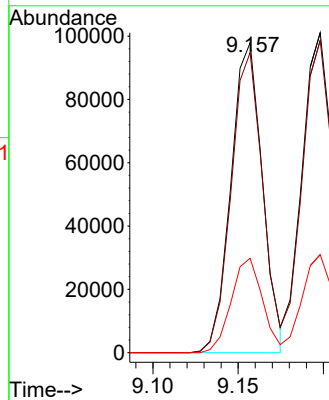
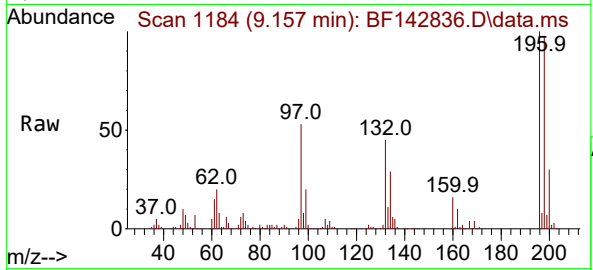
Tgt Ion:196 Resp: 125833

Ion Ratio Lower Upper

196 100

198 96.9 76.2 114.2

200 30.5 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 43.077 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Tgt Ion:196 Resp: 131160

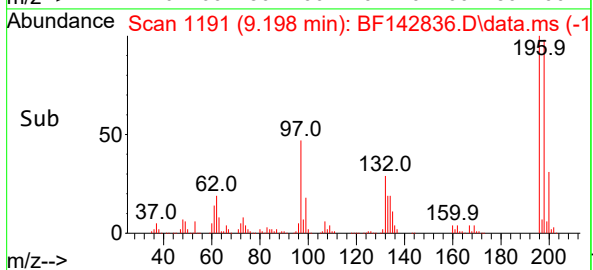
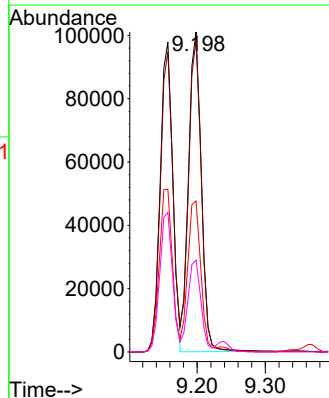
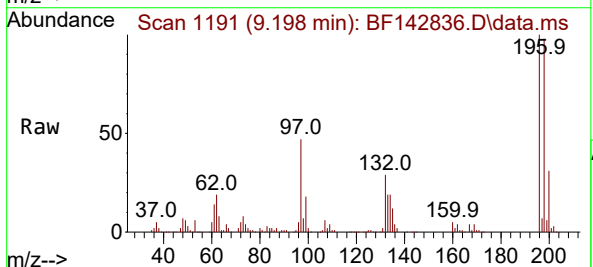
Ion Ratio Lower Upper

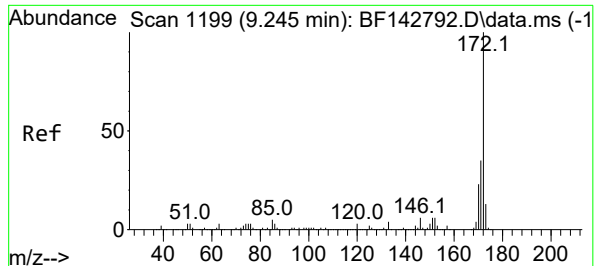
196 100

198 97.6 76.6 115.0

97 47.2 38.2 57.2

132 28.7 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 75.605 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

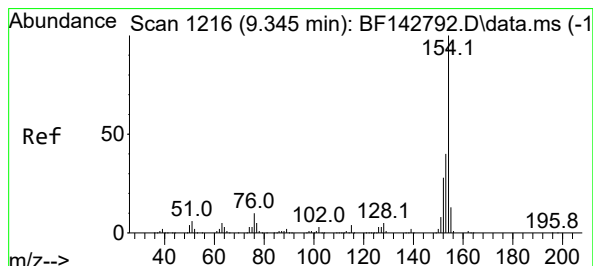
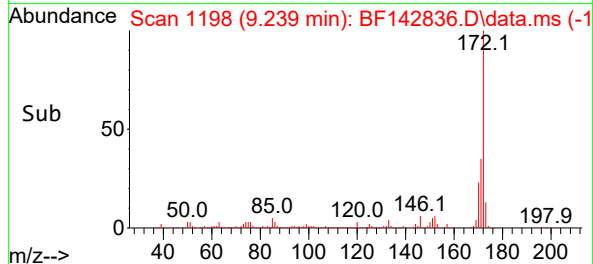
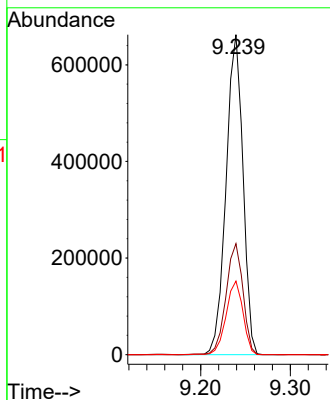
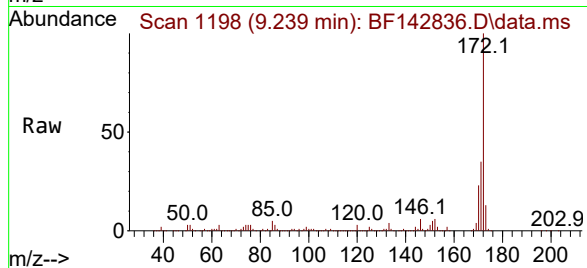
Tgt Ion:172 Resp: 865774

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.0 18.5 27.7



#46

1,1'-Biphenyl

Concen: 44.314 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

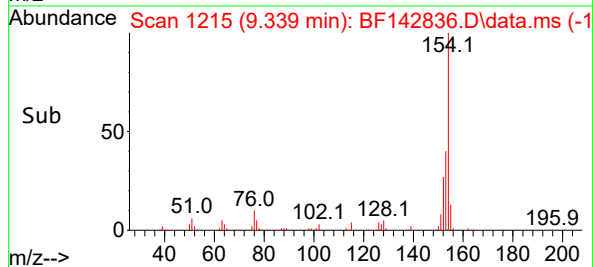
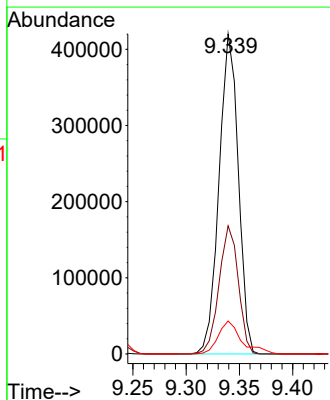
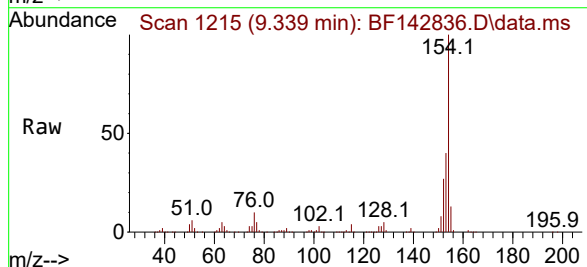
Tgt Ion:154 Resp: 526601

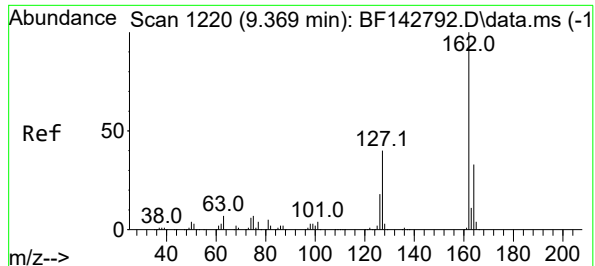
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 10.3 0.0 30.3





#47

2-Chloronaphthalene

Concen: 43.870 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

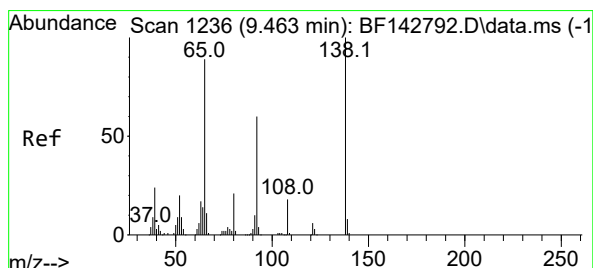
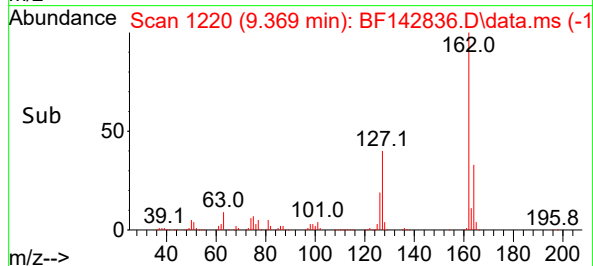
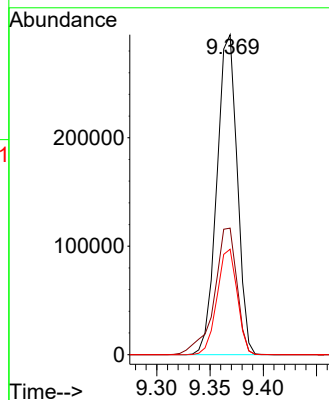
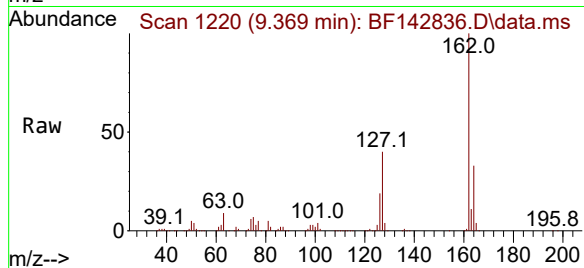
Tgt Ion:162 Resp: 391214

Ion Ratio Lower Upper

162 100

127 39.6 32.2 48.2

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 42.910 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

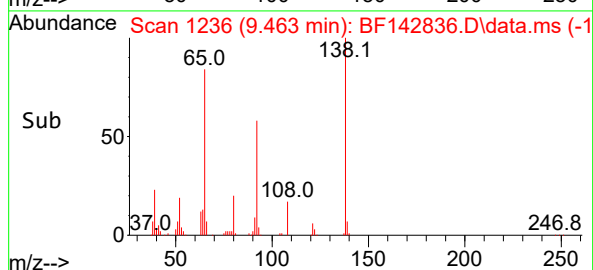
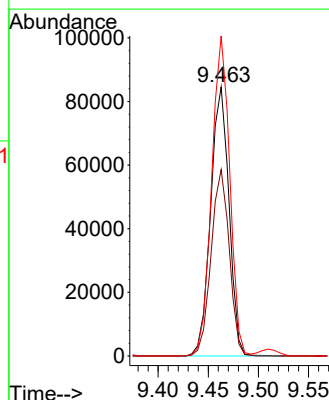
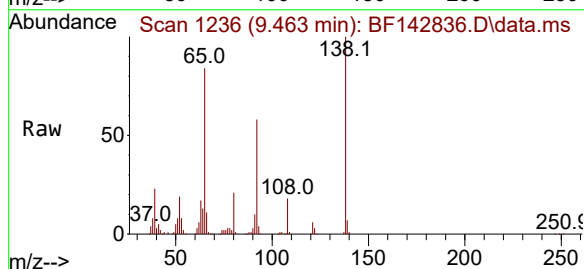
Tgt Ion: 65 Resp: 107279

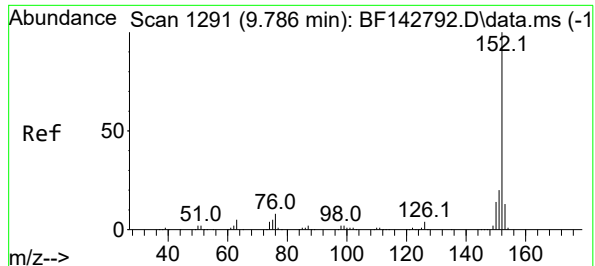
Ion Ratio Lower Upper

65 100

92 69.3 53.8 80.6

138 119.0 89.6 134.4





#49

Acenaphthylene

Concen: 43.666 ng

RT: 9.780 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

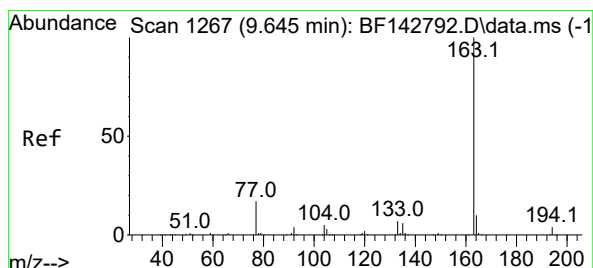
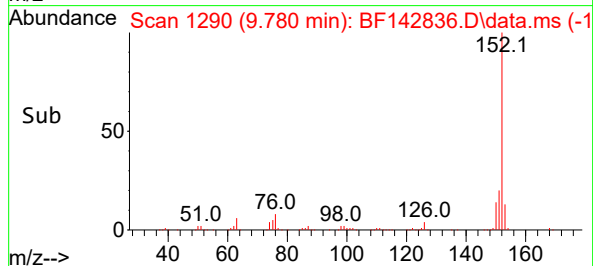
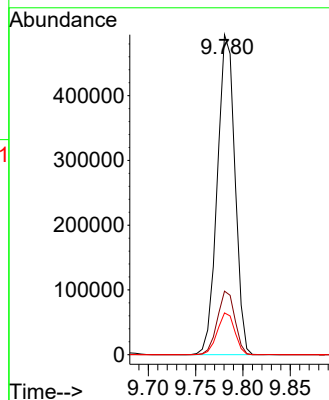
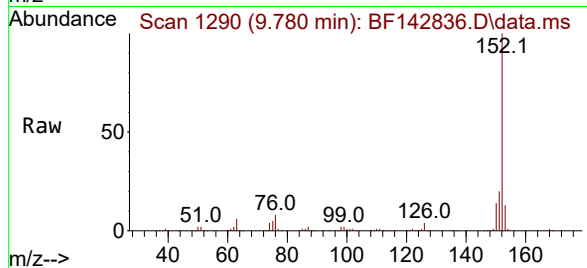
Tgt Ion:152 Resp: 641037

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 44.433 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

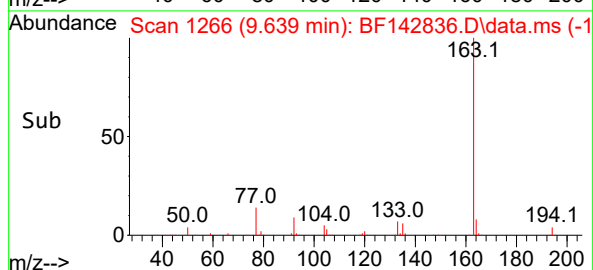
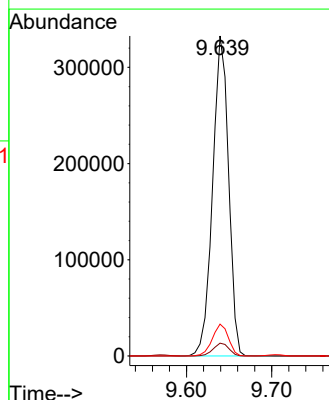
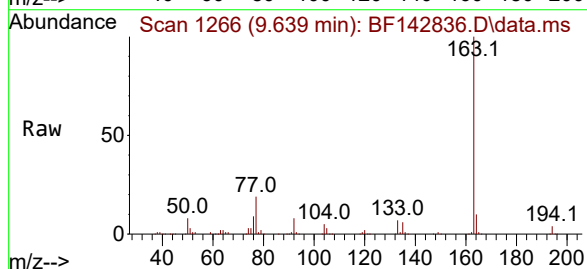
Tgt Ion:163 Resp: 432670

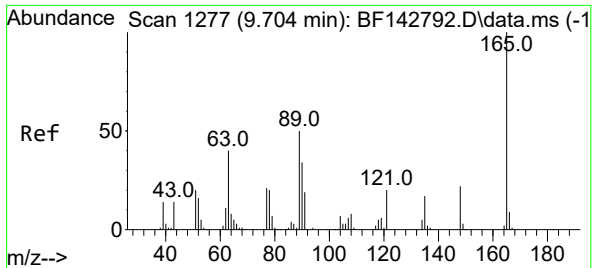
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 8.0 12.0

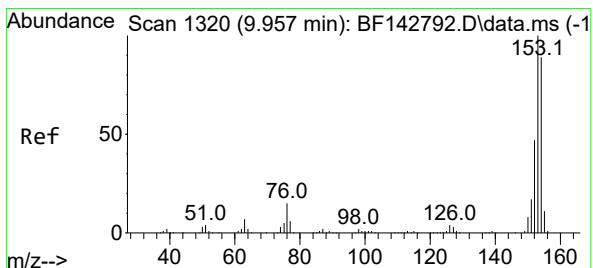
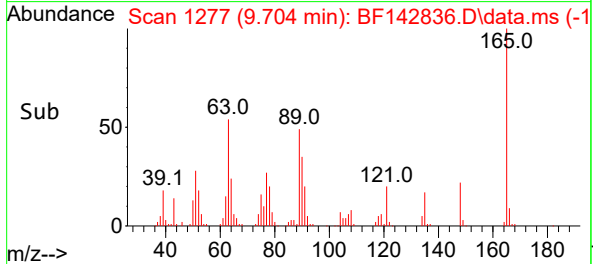
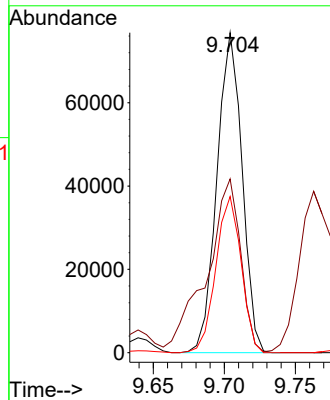
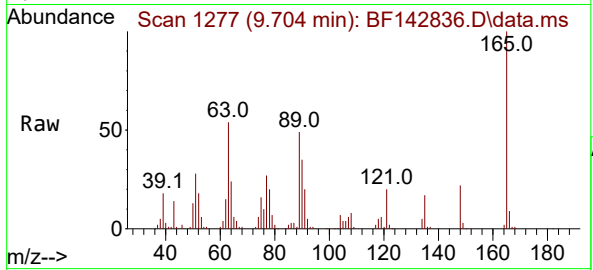




#51
2,6-Dinitrotoluene
Concen: 44.205 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

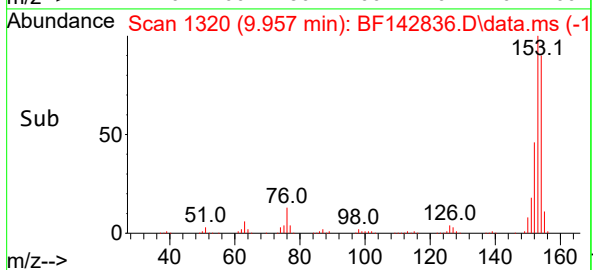
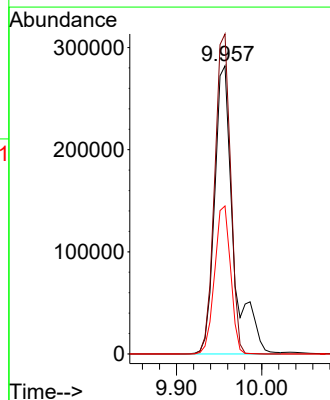
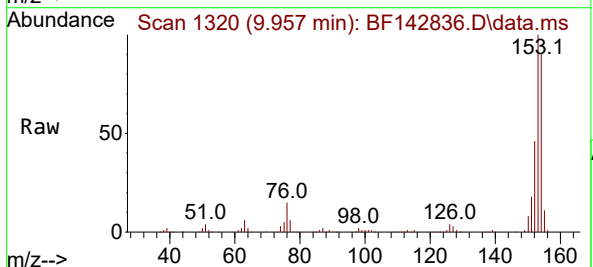
Instrument :
BNA_F
ClientSampleId :
PB168592BS

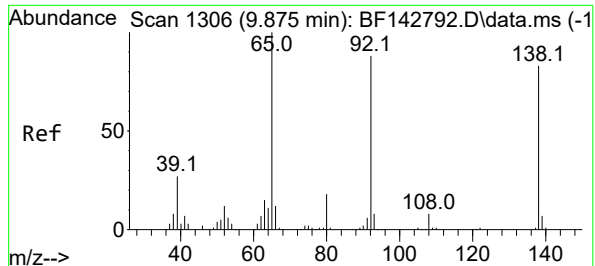
Tgt Ion:165 Resp: 94530
Ion Ratio Lower Upper
165 100
63 54.3 44.2 66.4
89 48.8 39.8 59.8



#52
Acenaphthene
Concen: 48.327 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:154 Resp: 432857
Ion Ratio Lower Upper
154 100
153 111.1 90.0 135.0
152 51.4 41.9 62.9





#53

3-Nitroaniline

Concen: 24.716 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

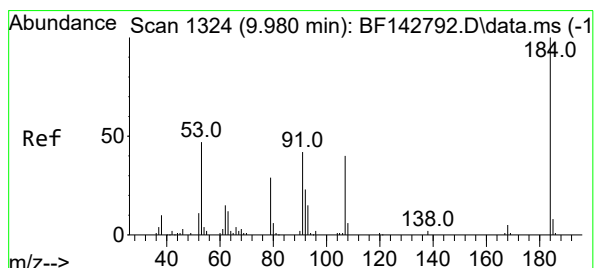
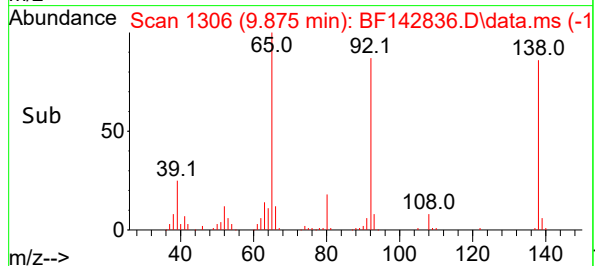
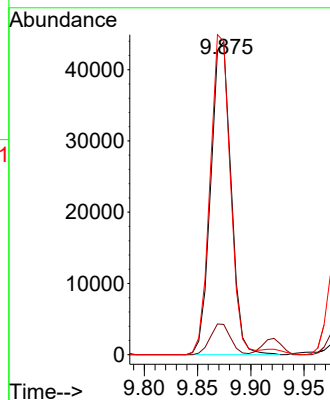
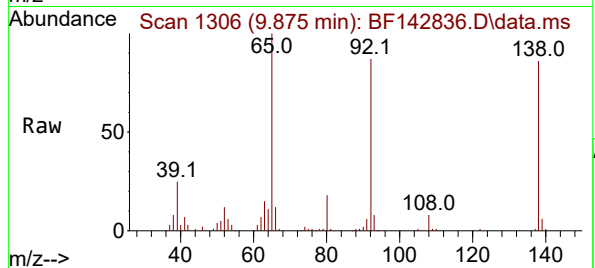
Tgt Ion:138 Resp: 58192

Ion Ratio Lower Upper

138 100

108 9.7 8.1 12.1

92 100.2 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 104.189 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

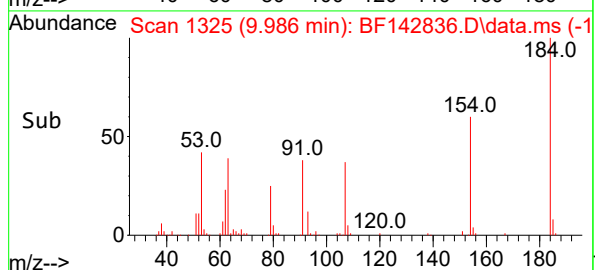
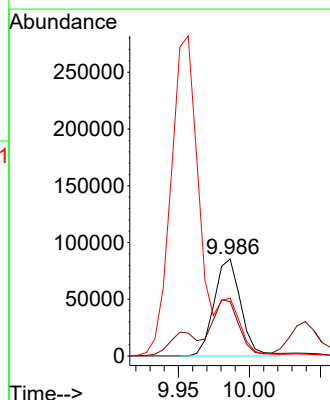
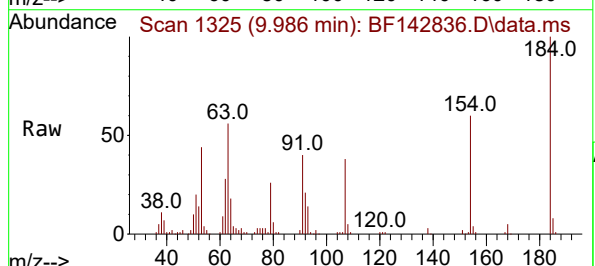
Tgt Ion:184 Resp: 111563

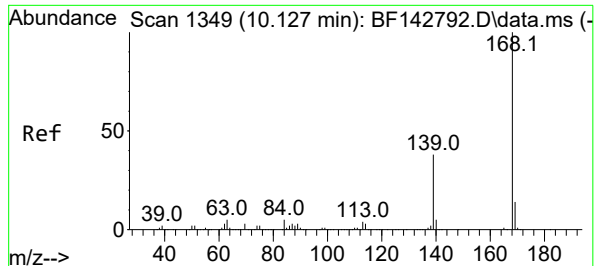
Ion Ratio Lower Upper

184 100

63 56.1 50.6 75.8

154 59.7 51.8 77.8





#55

Dibenzenofuran

Concen: 43.115 ng

RT: 10.128 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

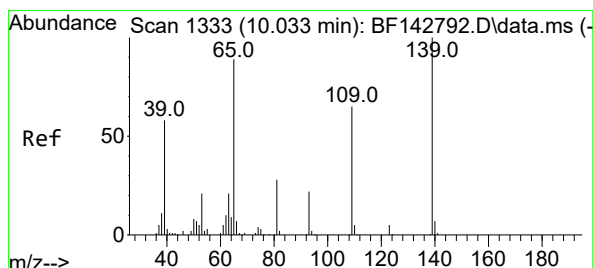
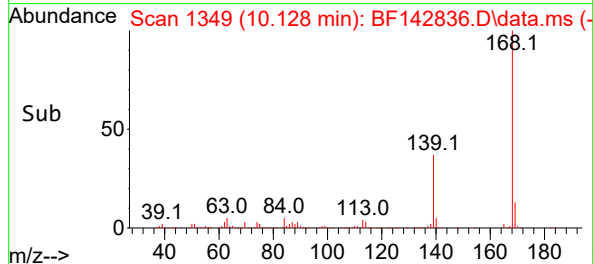
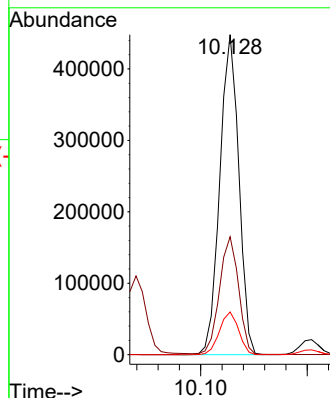
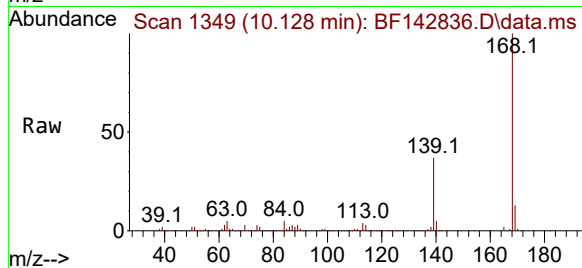
Tgt Ion:168 Resp: 553767

Ion Ratio Lower Upper

168 100

139 36.9 30.2 45.4

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 91.963 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

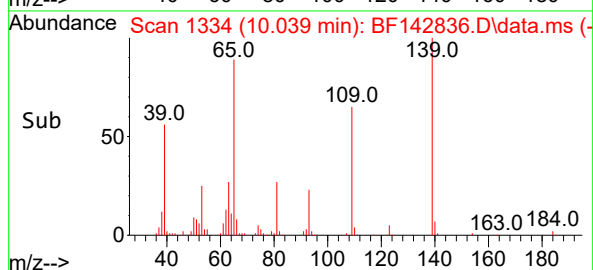
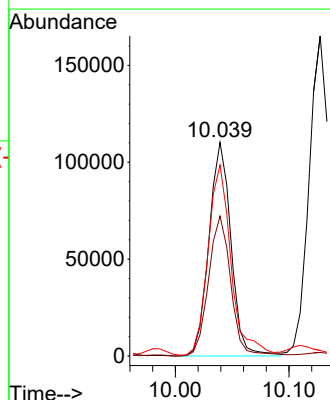
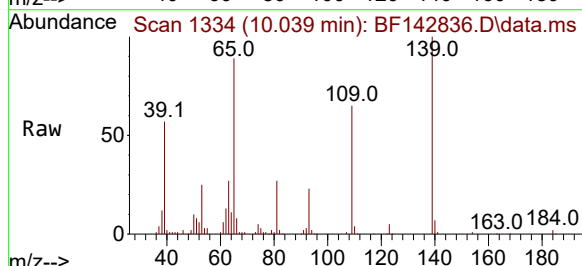
Tgt Ion:139 Resp: 148233

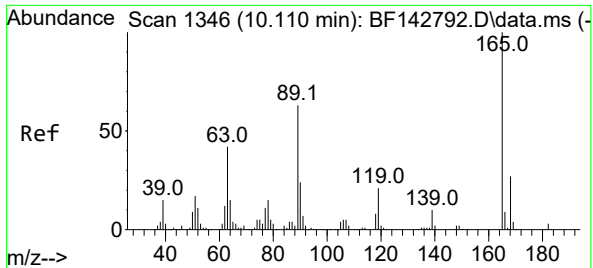
Ion Ratio Lower Upper

139 100

109 65.5 44.7 84.7

65 89.4 69.8 109.8

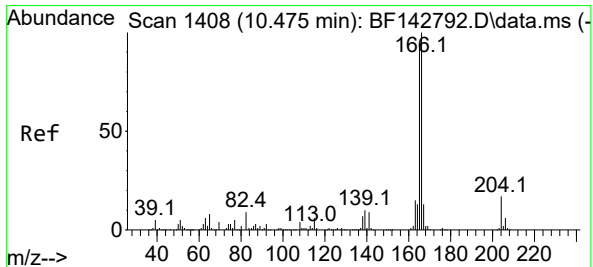
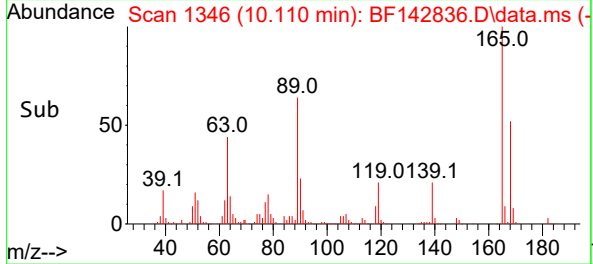
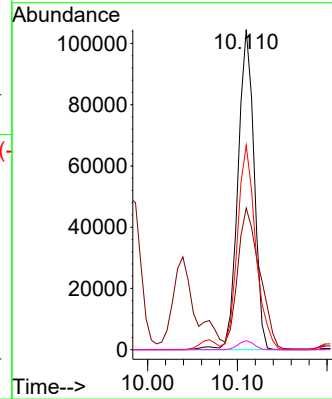
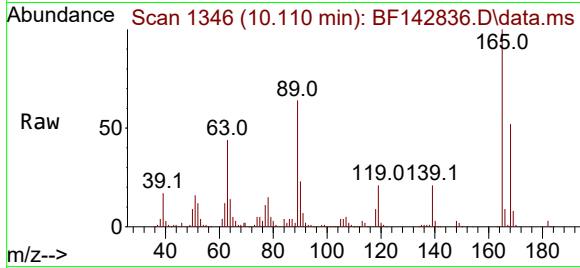




#57
2,4-Dinitrotoluene
Concen: 45.967 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

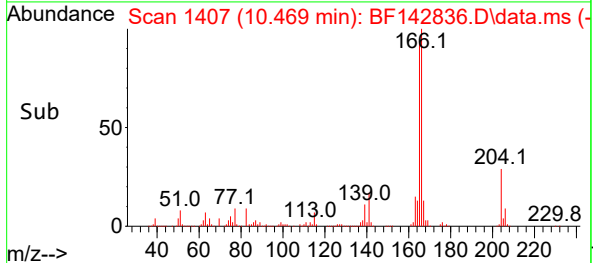
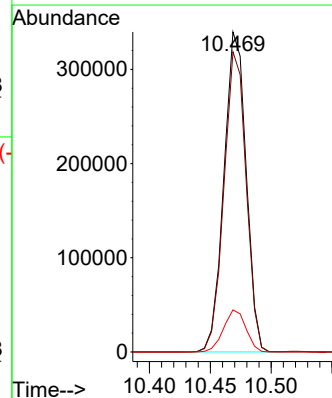
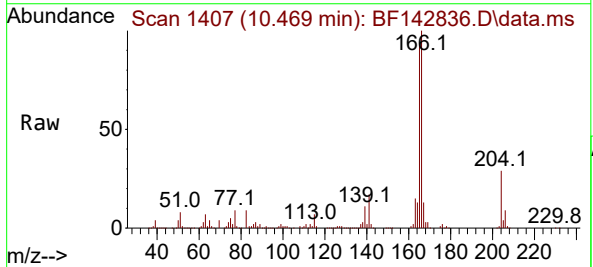
Instrument :
BNA_F
ClientSampleId :
PB168592BS

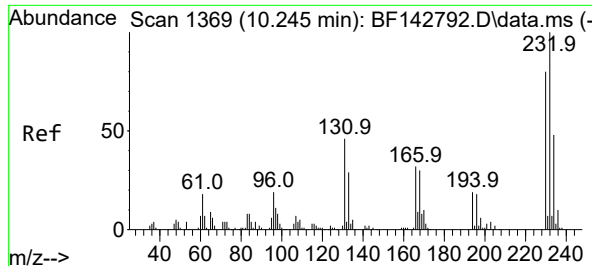
Tgt Ion:165 Resp: 130569
Ion Ratio Lower Upper
165 100
63 44.2 33.9 50.9
89 63.9 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 43.017 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:166 Resp: 431494
Ion Ratio Lower Upper
166 100
165 93.8 75.2 112.8
167 13.2 10.6 15.8

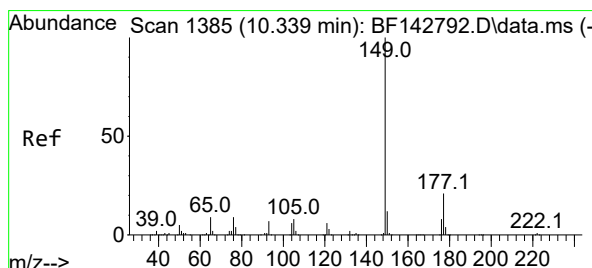
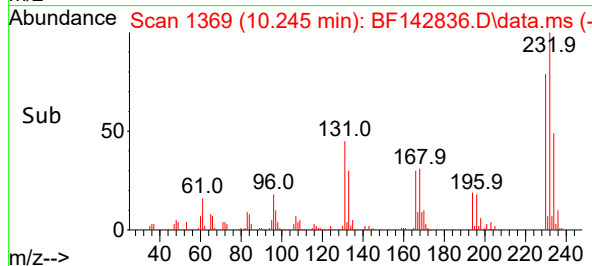
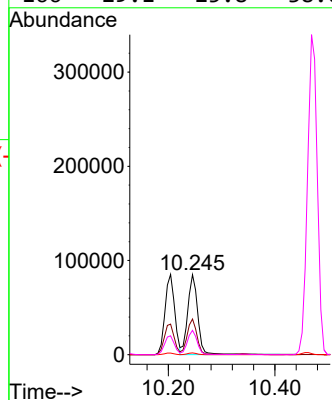
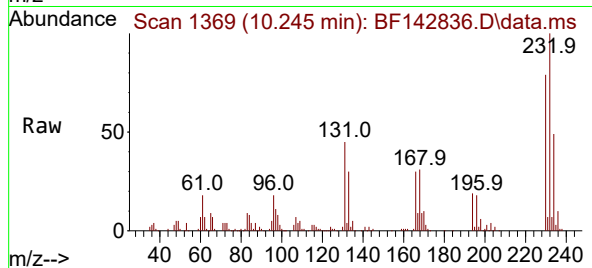




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.788 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

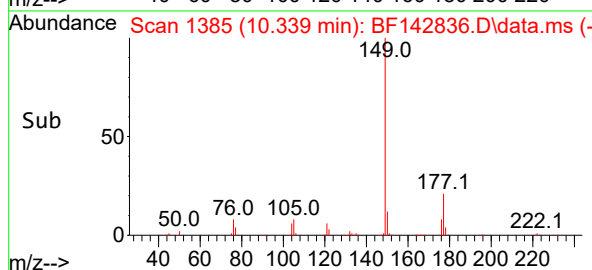
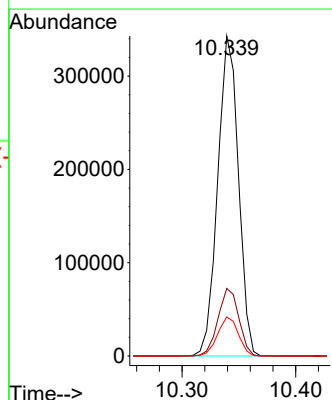
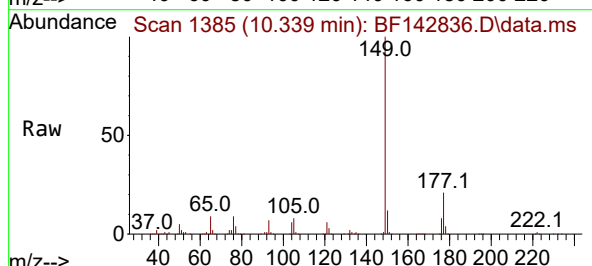
Instrument :
BNA_F
ClientSampleId :
PB168592BS

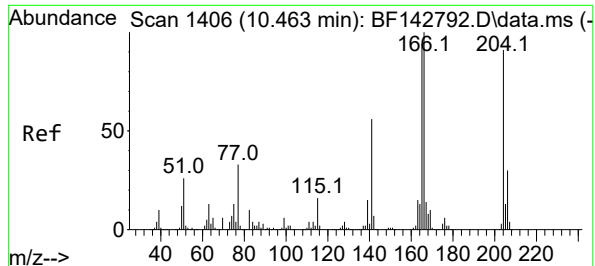
Tgt Ion:232 Resp: 109923
Ion Ratio Lower Upper
232 100
131 44.1 37.6 56.4
130 2.1 1.7 2.5
166 29.1 25.8 38.6



#60
Diethylphthalate
Concen: 45.548 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:149 Resp: 434869
Ion Ratio Lower Upper
149 100
177 21.1 17.0 25.6
150 12.2 9.8 14.6

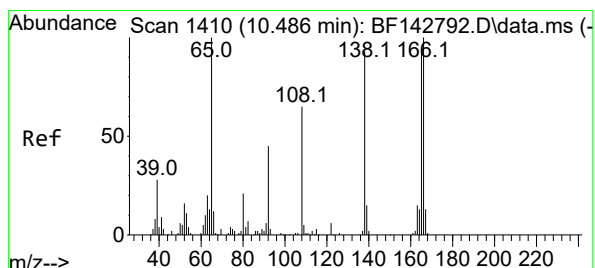
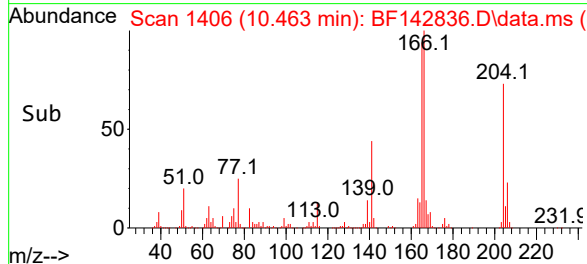
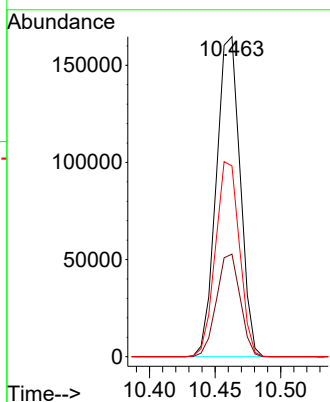
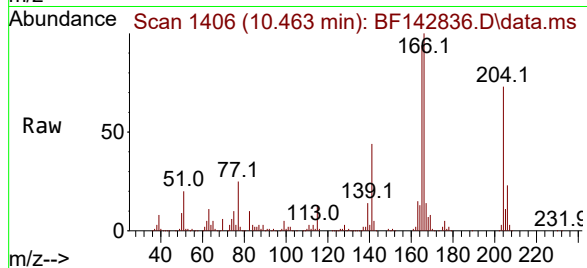




#61
4-Chlorophenyl-phenylether
Concen: 43.489 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

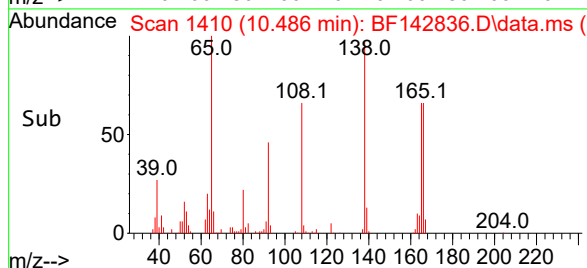
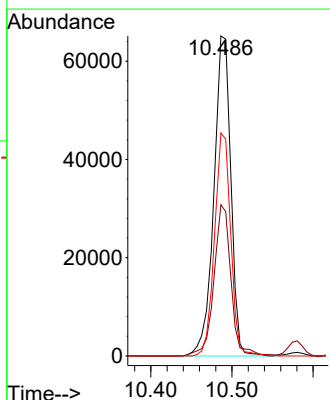
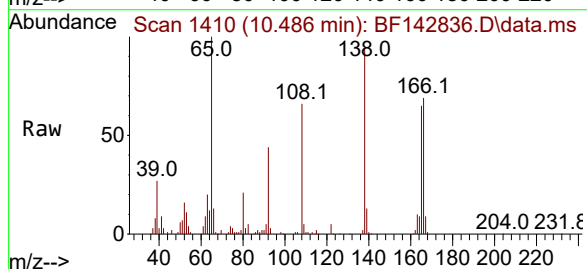
Instrument :
BNA_F
ClientSampleId :
PB168592BS

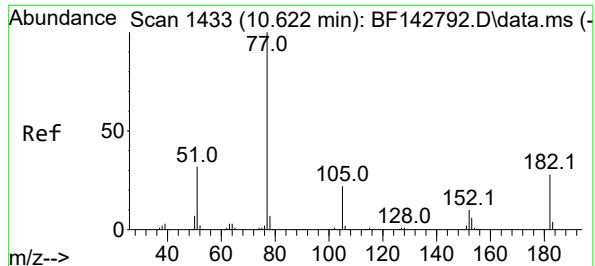
Tgt Ion:204 Resp: 208164
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 59.6 49.1 73.7



#62
4-Nitroaniline
Concen: 44.219 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:138 Resp: 95217
Ion Ratio Lower Upper
138 100
92 47.3 28.4 68.4
108 69.6 50.2 90.2

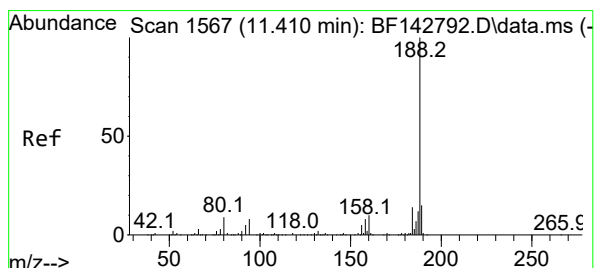
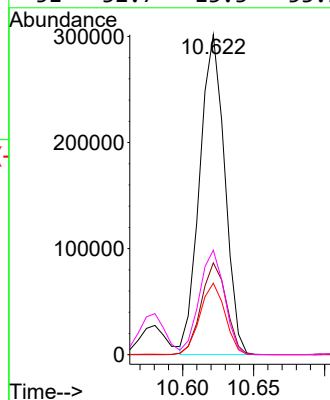
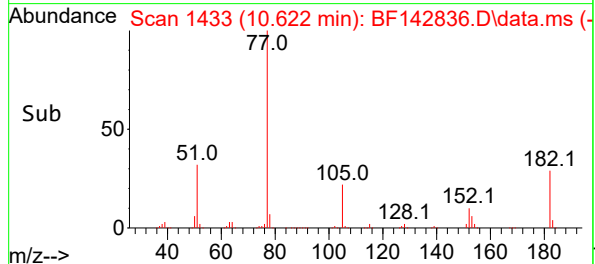
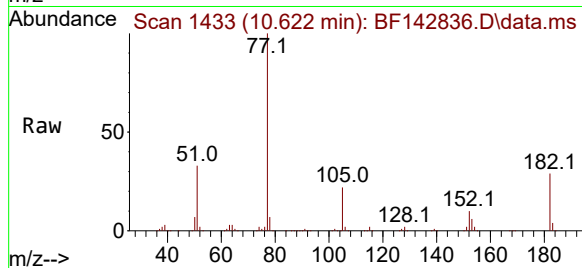




#63
Azobenzene
Concen: 43.219 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

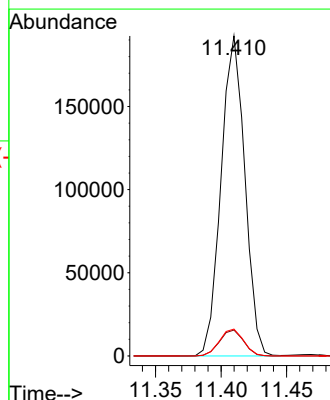
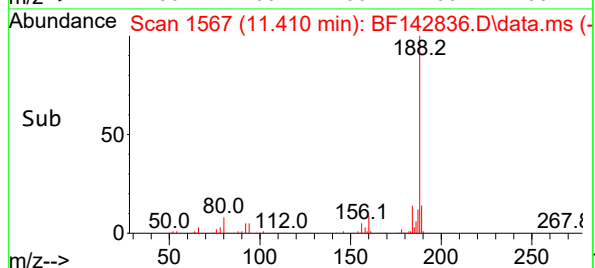
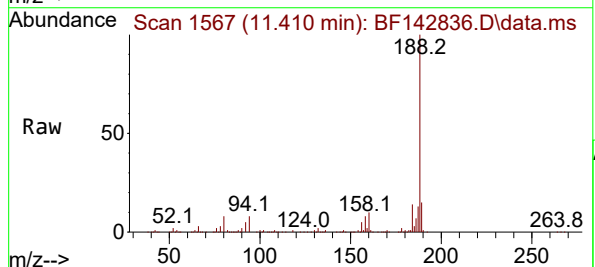
Instrument :
BNA_F
ClientSampleId :
PB168592BS

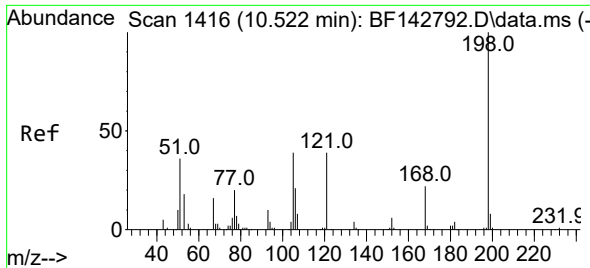
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	7.7	47.7
105	22.3	1.9	41.9
51	32.7	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.4	6.9	10.3

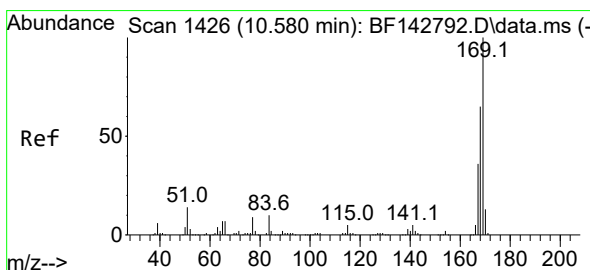
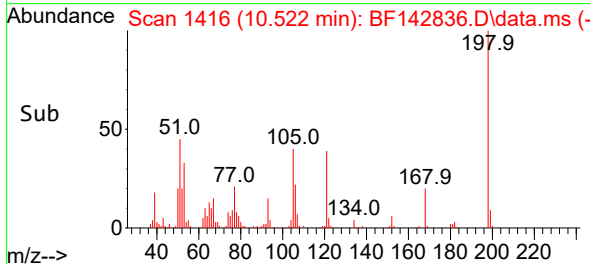
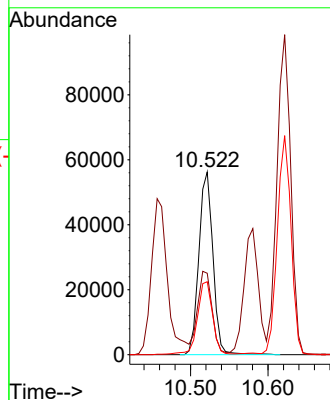
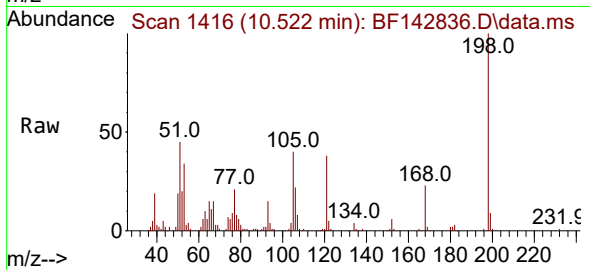




#65
4,6-Dinitro-2-methylphenol
Concen: 48.418 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

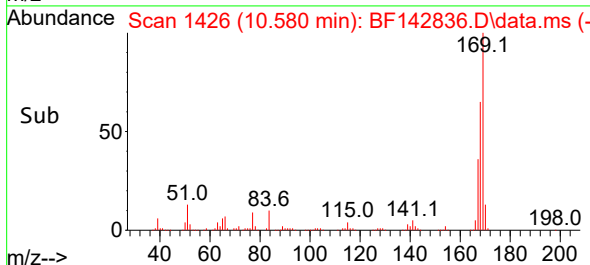
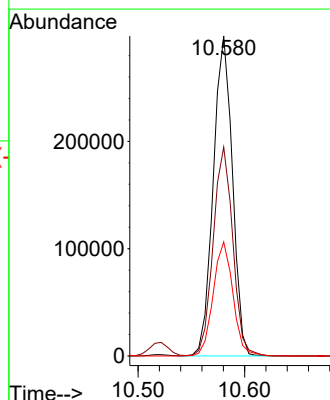
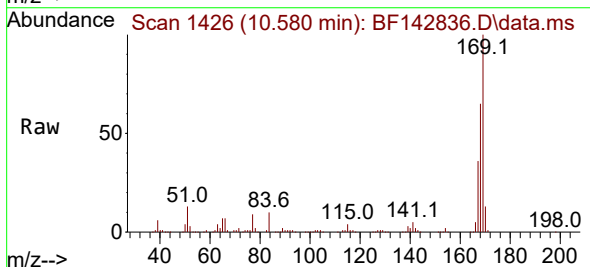
Instrument :
BNA_F
ClientSampleId :
PB168592BS

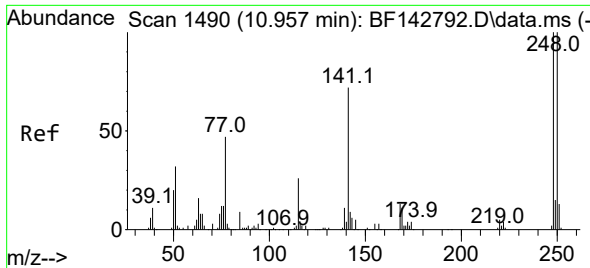
Tgt Ion:198 Resp: 70935
Ion Ratio Lower Upper
198 100
51 44.6 25.4 65.4
105 39.9 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 44.242 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:169 Resp: 371386
Ion Ratio Lower Upper
169 100
168 65.3 51.9 77.9
167 35.6 28.5 42.7

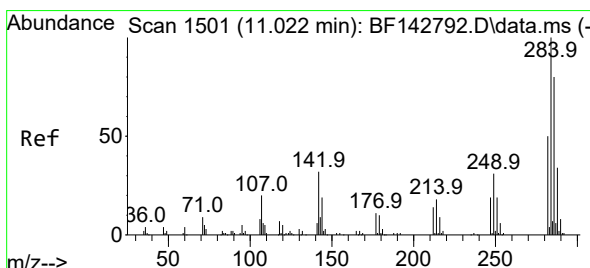
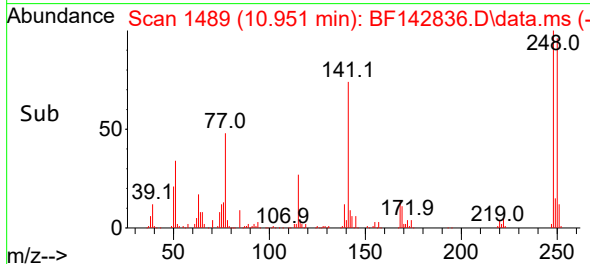
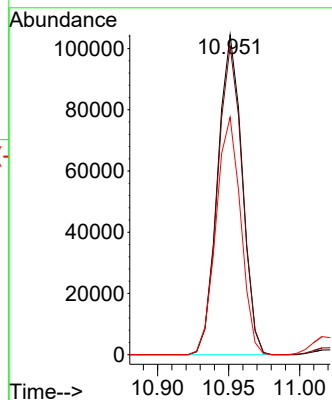
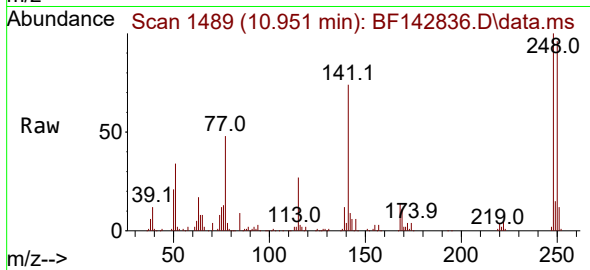




#67
4-Bromophenyl-phenylether
Concen: 45.569 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

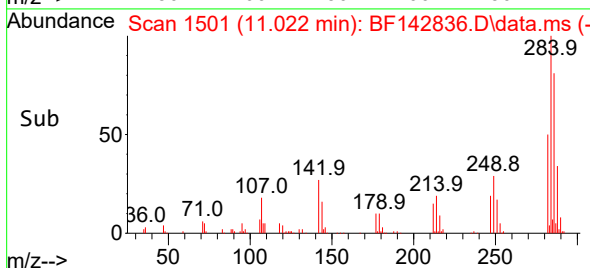
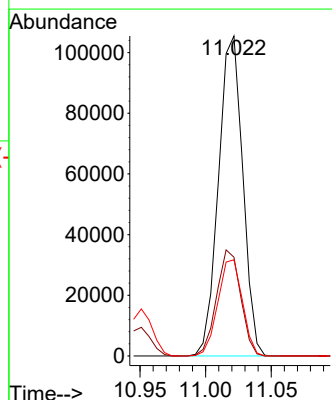
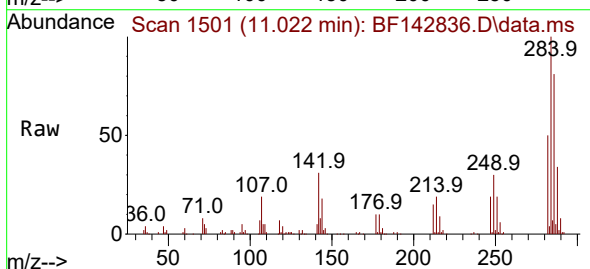
Instrument :
BNA_F
ClientSampleId :
PB168592BS

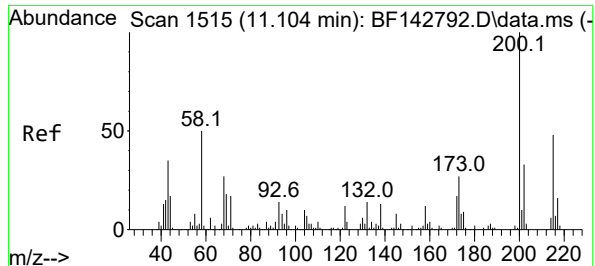
Tgt Ion:248 Resp: 125614
Ion Ratio Lower Upper
248 100
250 96.5 79.8 119.8
141 74.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 44.331 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:284 Resp: 135788
Ion Ratio Lower Upper
284 100
142 30.8 25.5 38.3
249 30.1 24.9 37.3





#69

Atrazine

Concen: 51.609 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

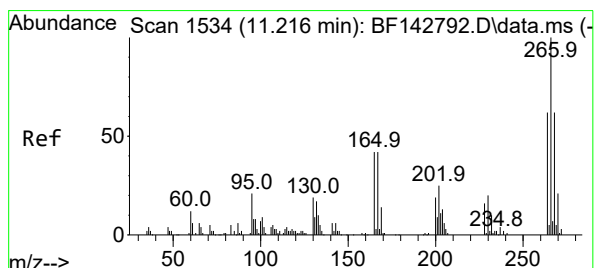
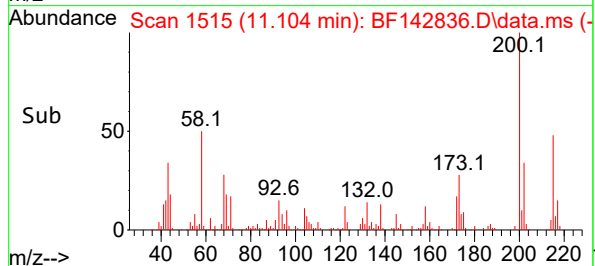
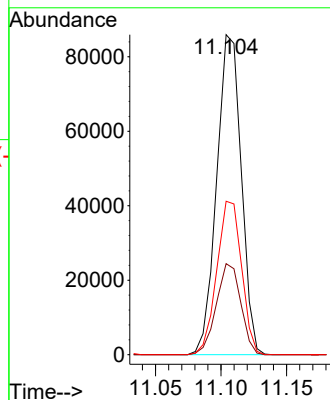
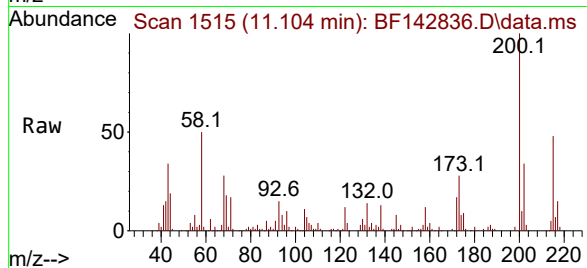
Tgt Ion:200 Resp: 111873

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 47.9 28.4 68.4



#70

Pentachlorophenol

Concen: 93.897 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

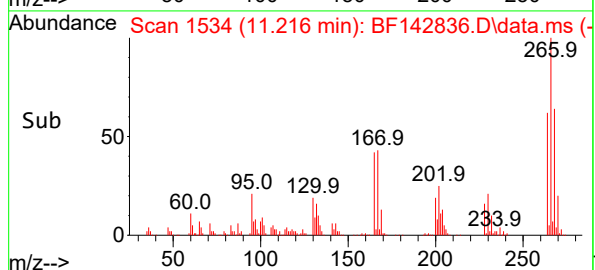
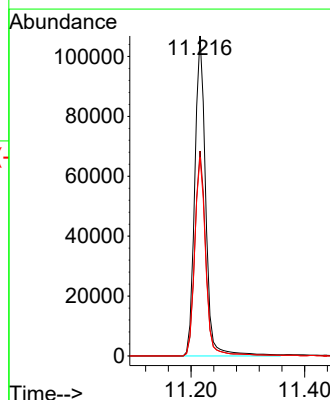
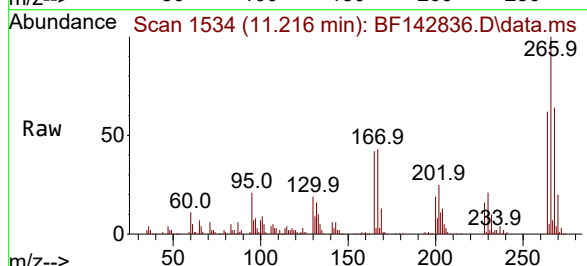
Tgt Ion:266 Resp: 143315

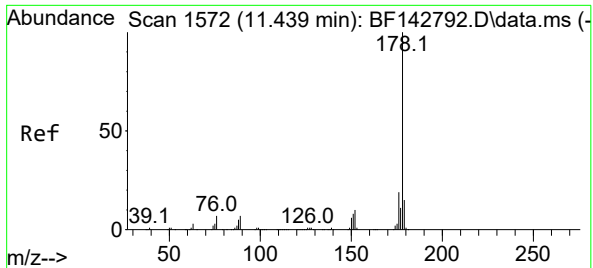
Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.8

264 62.1 49.9 74.9

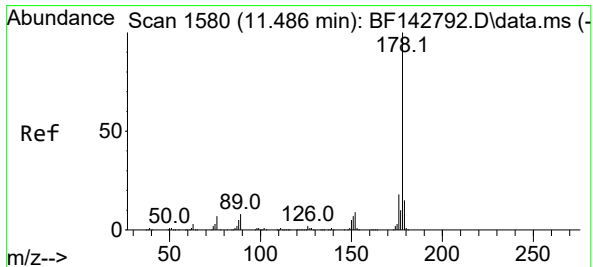
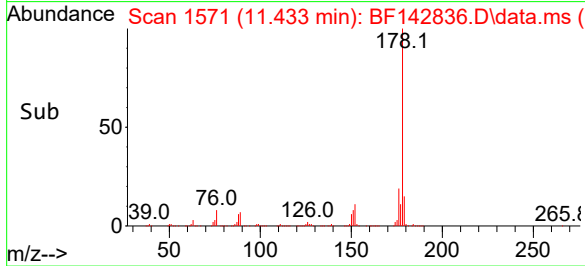
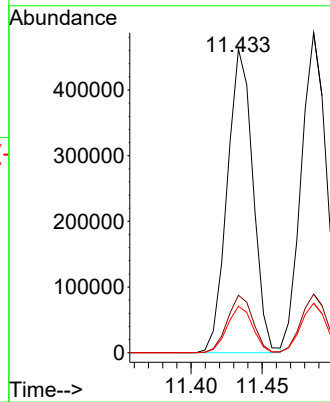
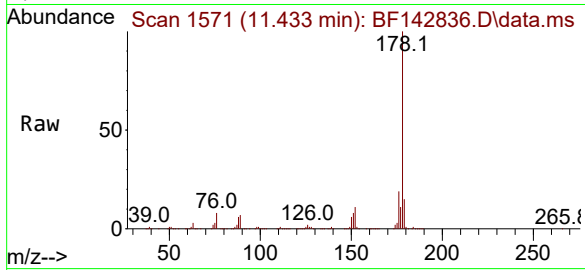




#71
Phenanthrene
Concen: 44.408 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

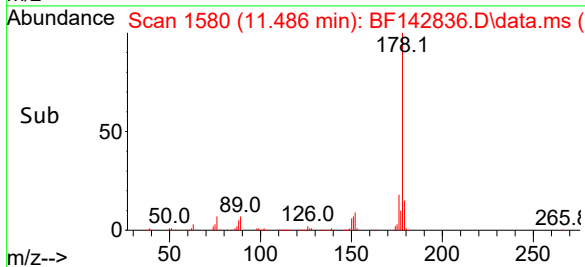
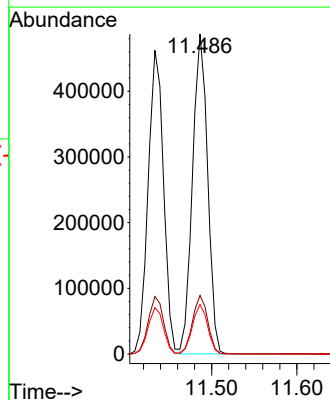
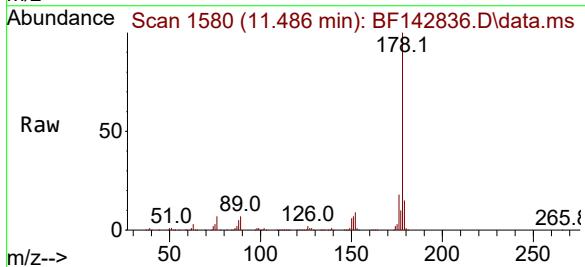
Instrument :
BNA_F
ClientSampleId :
PB168592BS

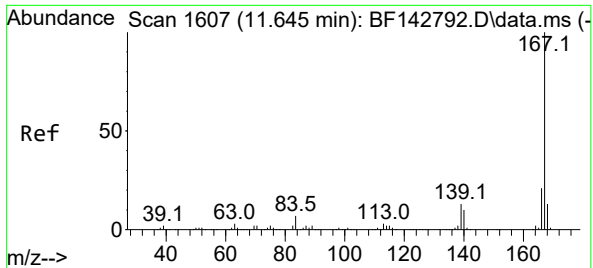
Tgt Ion:178 Resp: 582659
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 44.562 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

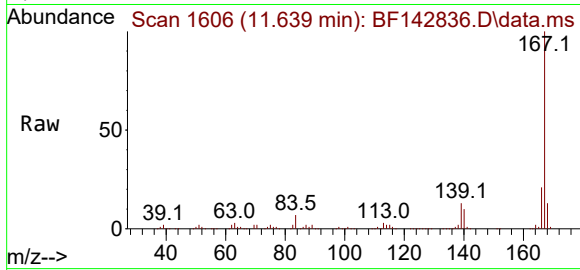
Tgt Ion:178 Resp: 599633
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.4 12.4 18.6



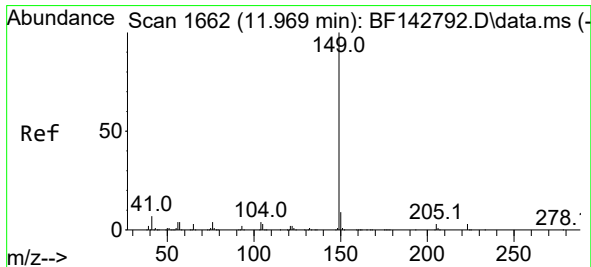
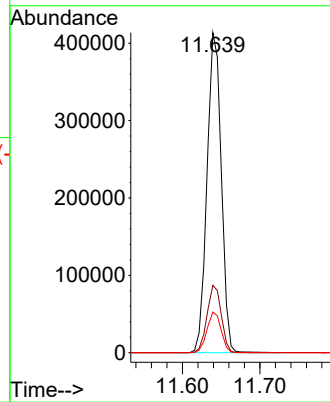
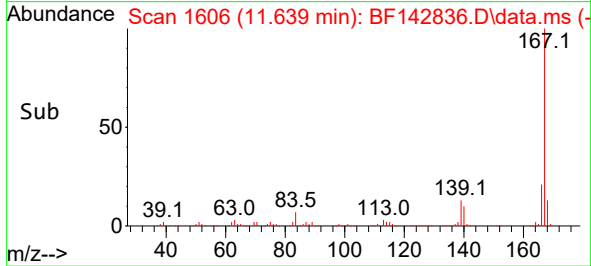


#73
Carbazole
Concen: 45.517 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

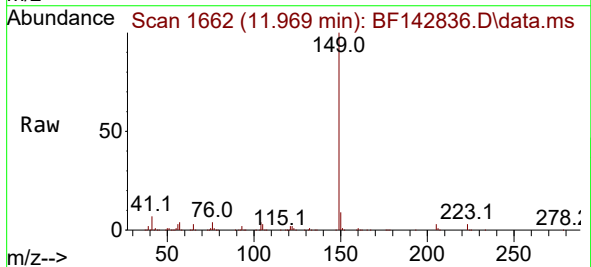
Instrument :
BNA_F
ClientSampleId :
PB168592BS



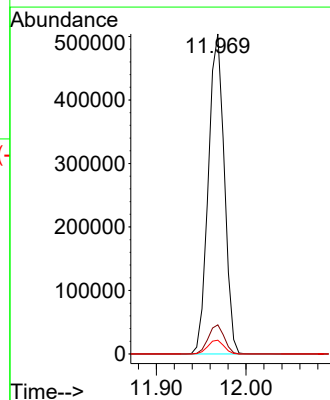
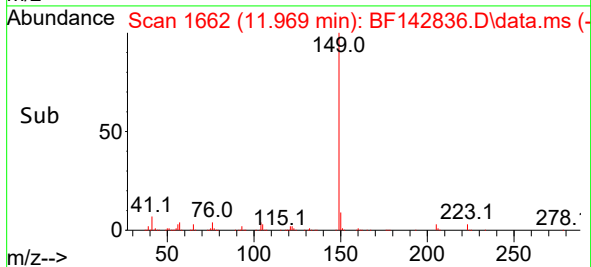
Tgt Ion:167 Resp: 528549
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.4
139 12.7 10.2 15.2

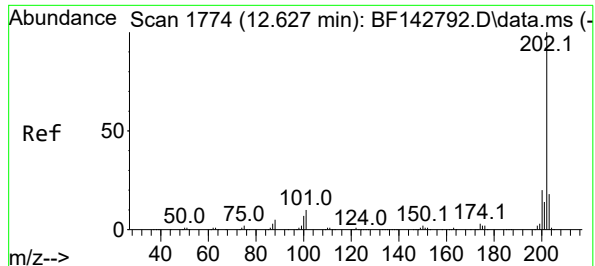


#74
Di-n-butylphthalate
Concen: 51.426 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25



Tgt Ion:149 Resp: 622098
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 46.924 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

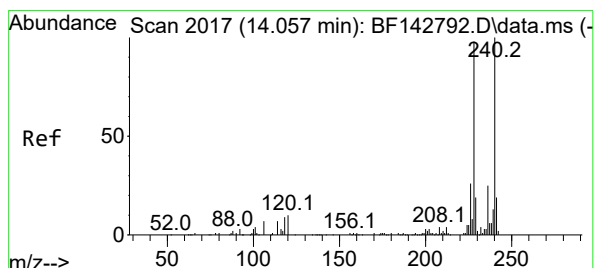
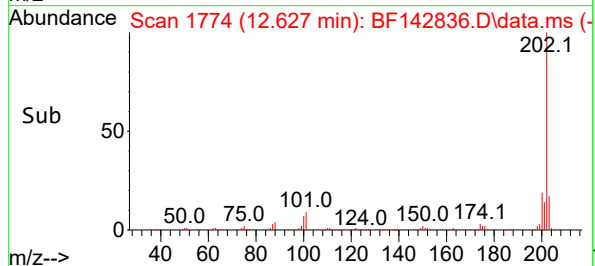
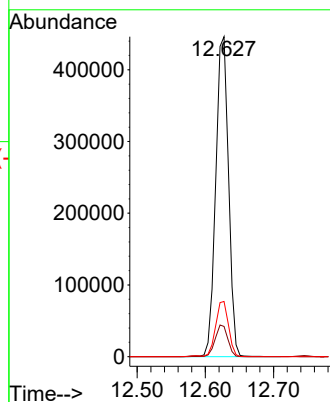
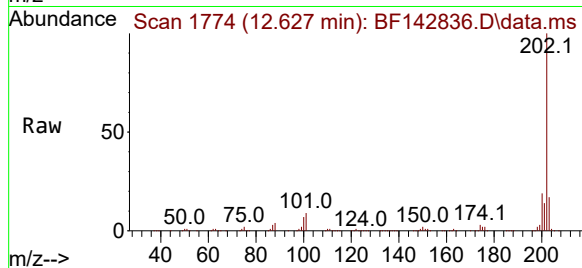
Tgt Ion:202 Resp: 584298

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.7

203 17.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

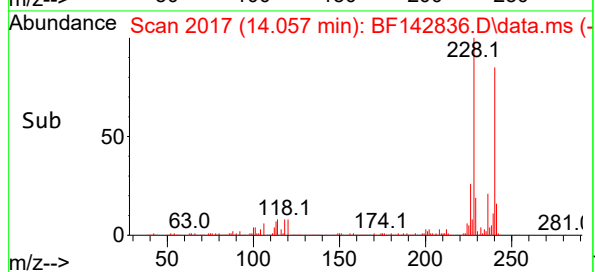
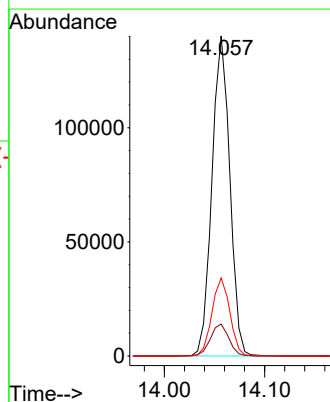
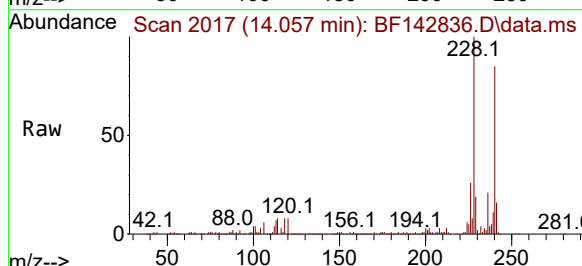
Tgt Ion:240 Resp: 173489

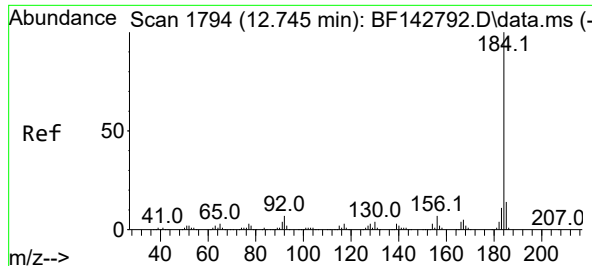
Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 24.4 19.8 29.8





#77

Benzidine

Concen: 40.446 ng

RT: 12.745 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

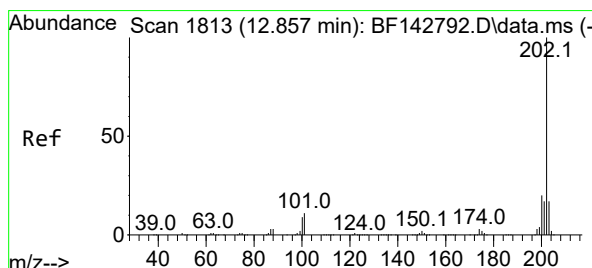
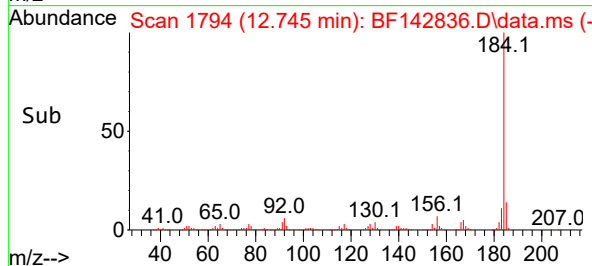
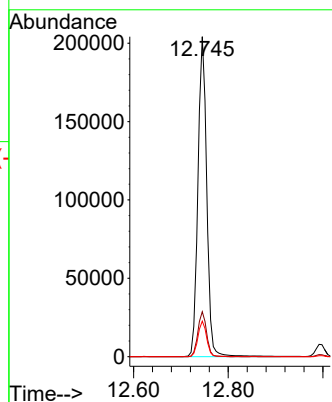
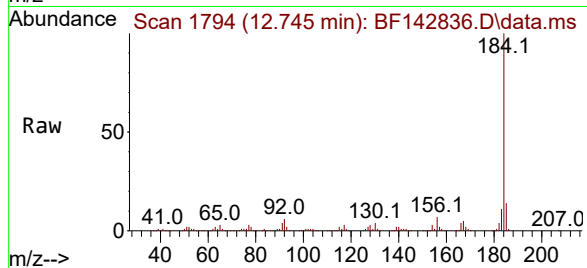
Tgt Ion:184 Resp: 263635

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 35.678 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

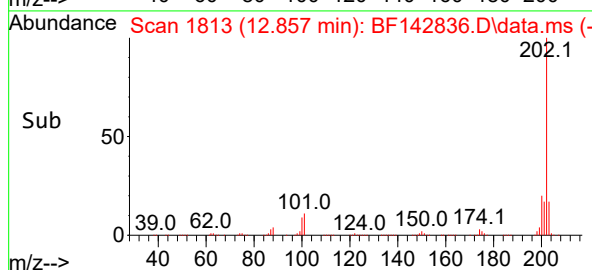
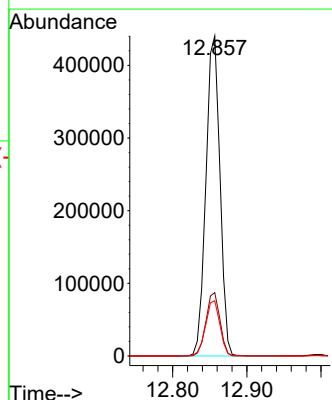
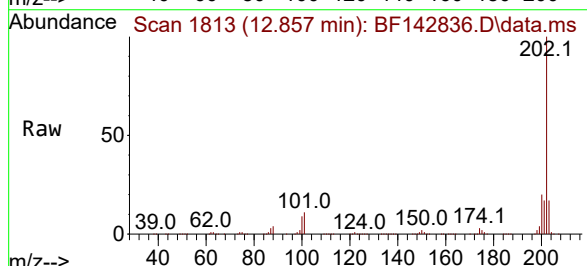
Tgt Ion:202 Resp: 580194

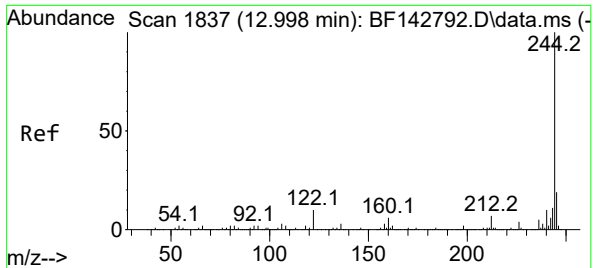
Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 62.704 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

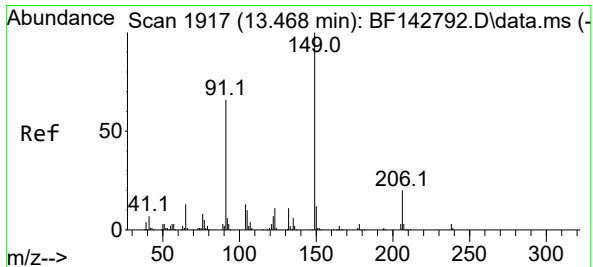
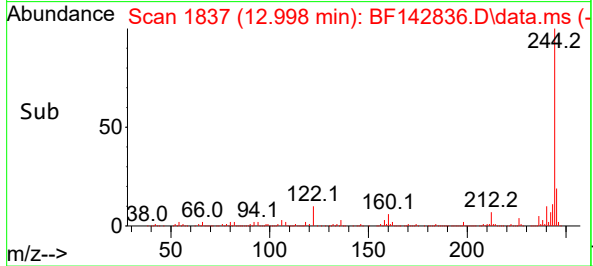
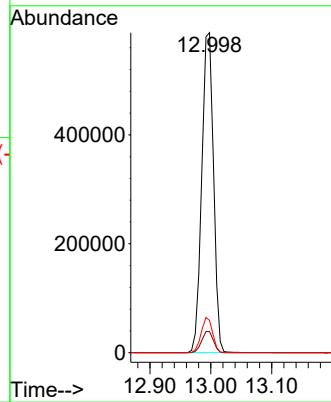
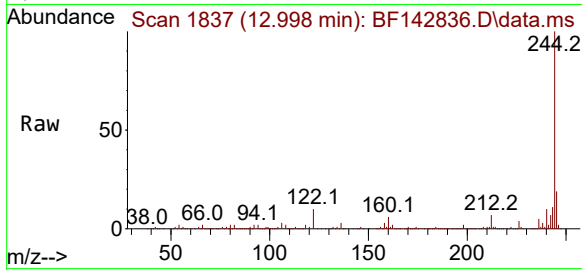
Tgt Ion:244 Resp: 787323

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 50.154 ng

RT: 13.468 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

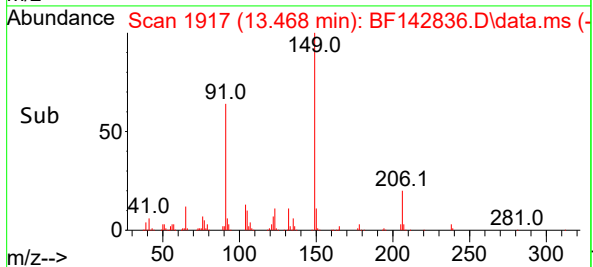
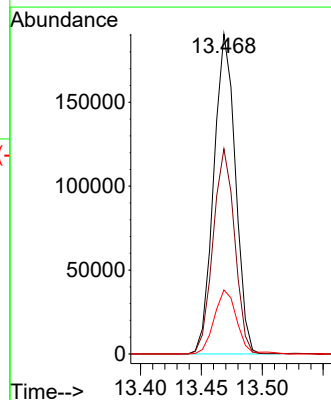
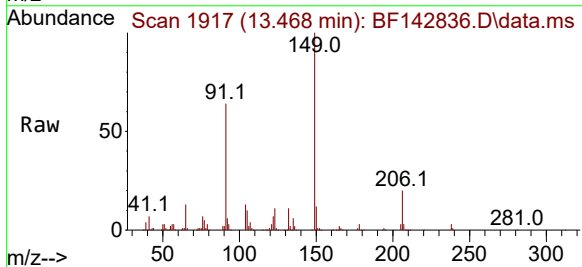
Tgt Ion:149 Resp: 236584

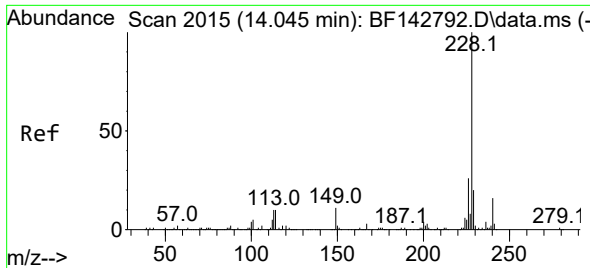
Ion Ratio Lower Upper

149 100

91 64.1 52.9 79.3

206 20.0 16.3 24.5

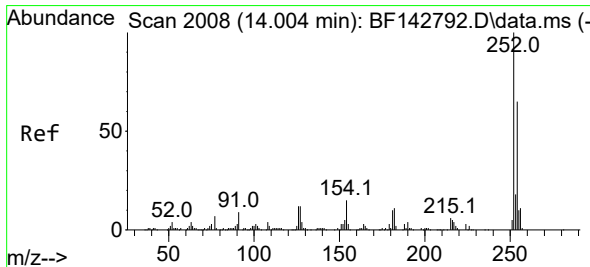
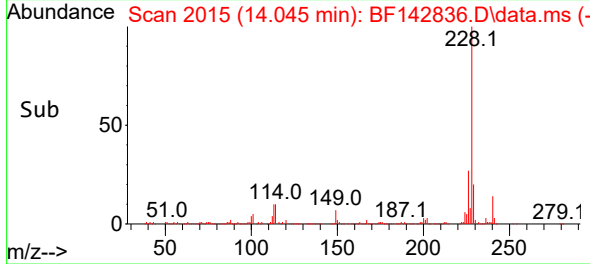
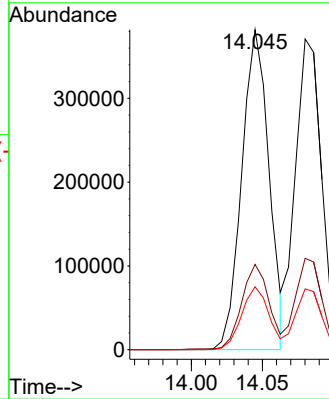
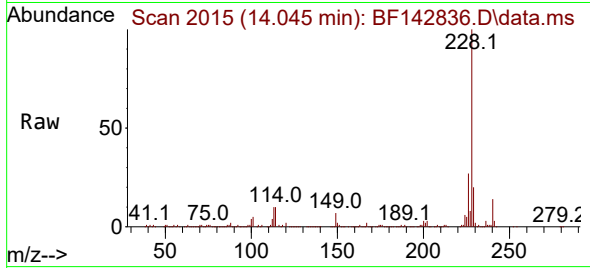




#81
Benzo(a)anthracene
Concen: 43.600 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

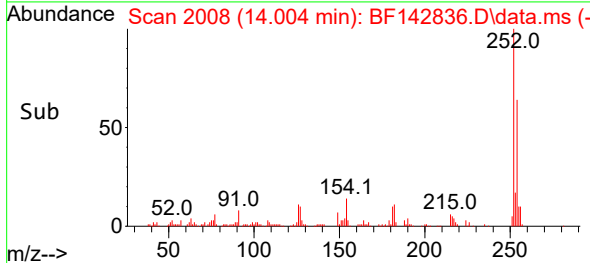
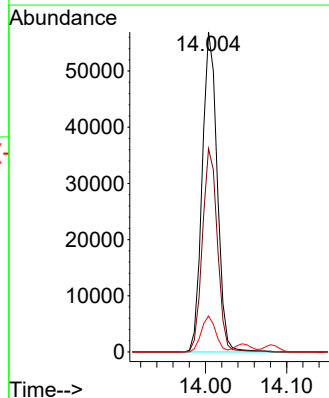
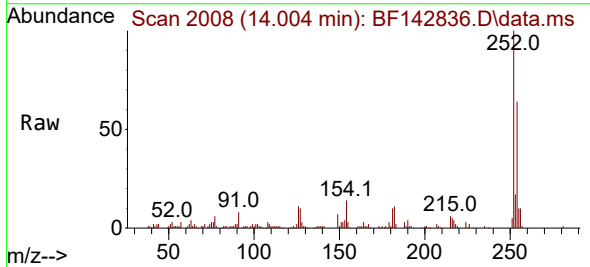
Instrument :
BNA_F
ClientSampleId :
PB168592BS

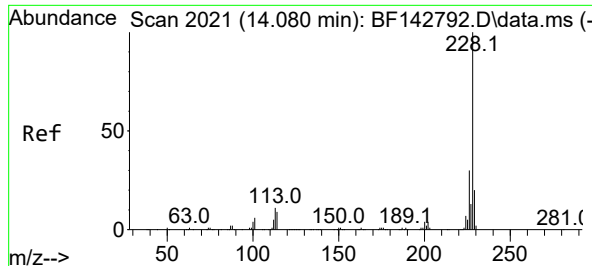
Tgt Ion:228 Resp: 510276
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 19.253 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:252 Resp: 73088
Ion Ratio Lower Upper
252 100
254 63.5 51.7 77.5
126 11.2 9.4 14.2





#83

Chrysene

Concen: 45.624 ng

RT: 14.080 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

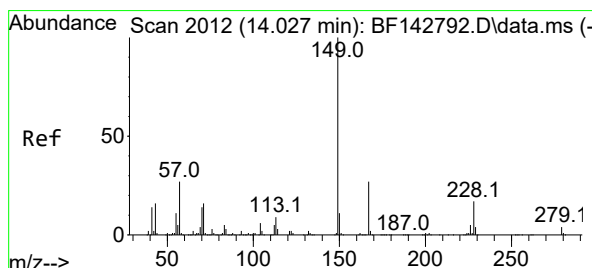
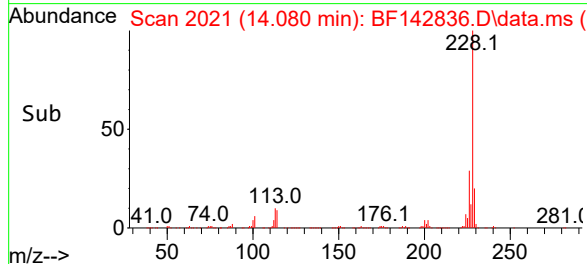
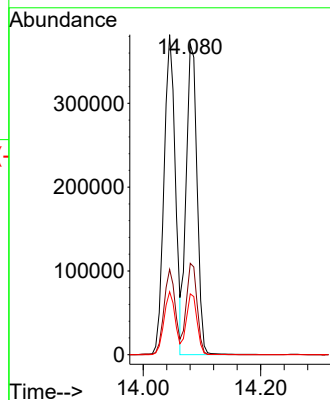
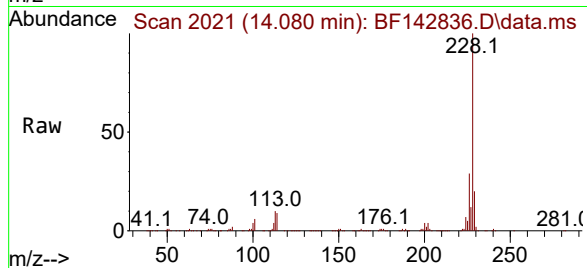
Tgt Ion:228 Resp: 476475

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.075 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

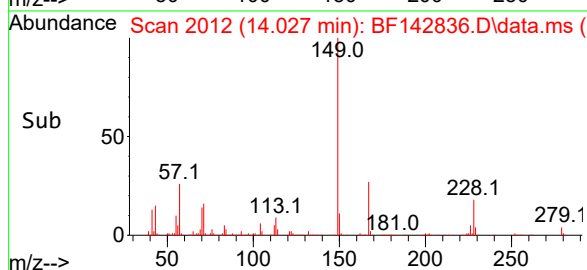
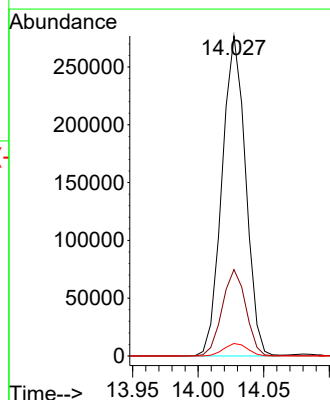
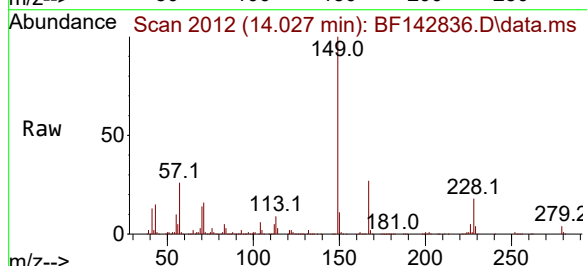
Tgt Ion:149 Resp: 346643

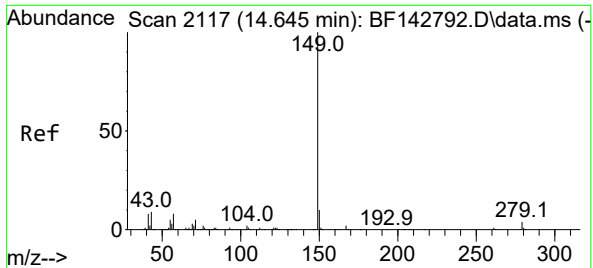
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 3.9 3.0 4.6

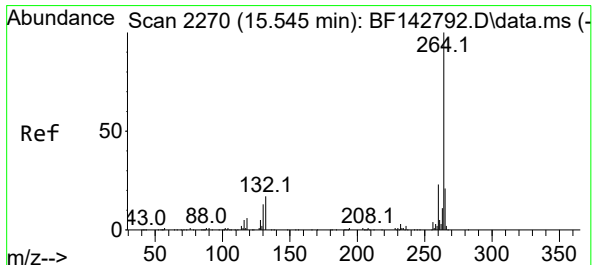
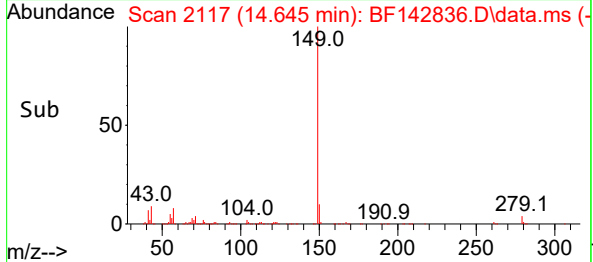
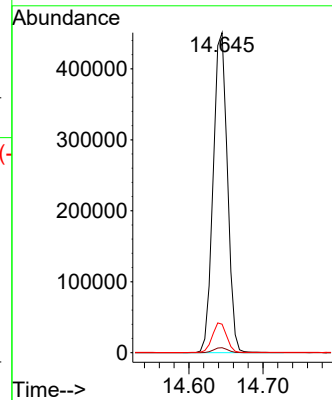
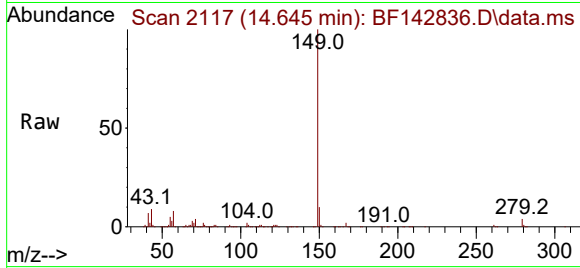




#85
Di-n-octyl phthalate
Concen: 46.953 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

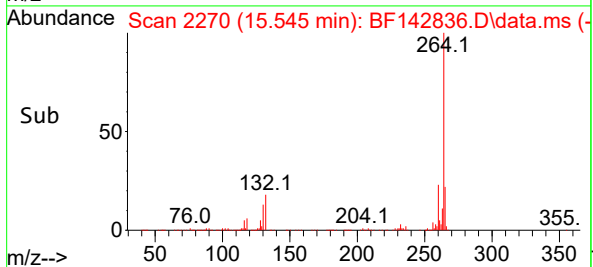
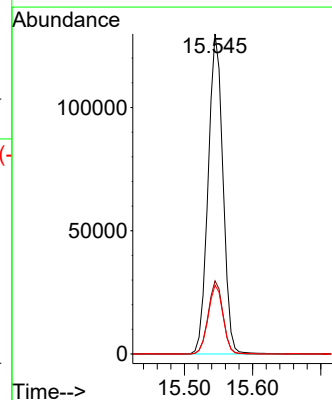
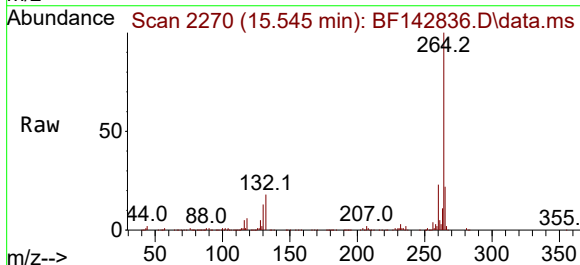
Instrument :
BNA_F
ClientSampleId :
PB168592BS

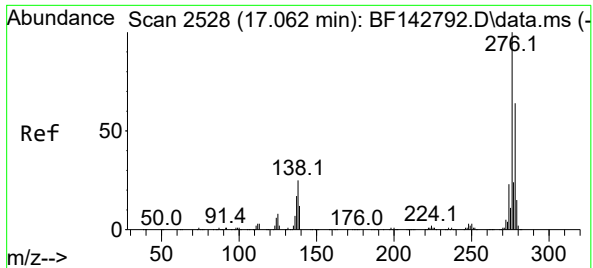
Tgt Ion:149 Resp: 600884
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142836.D
Acq: 25 Jun 2025 14:25

Tgt Ion:264 Resp: 196328
Ion Ratio Lower Upper
264 100
260 22.8 18.1 27.1
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.760 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

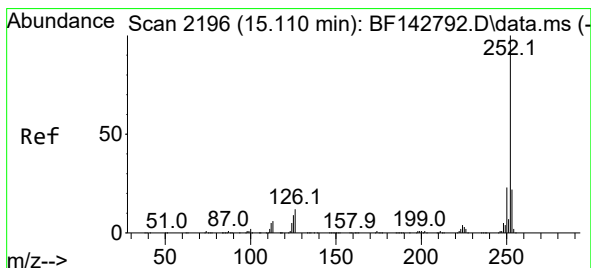
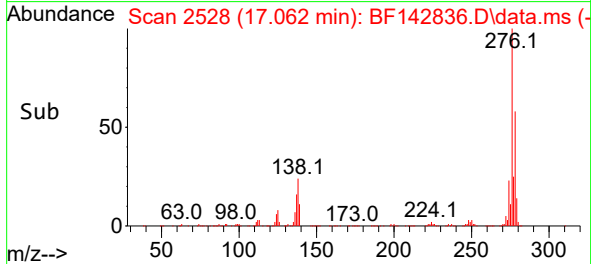
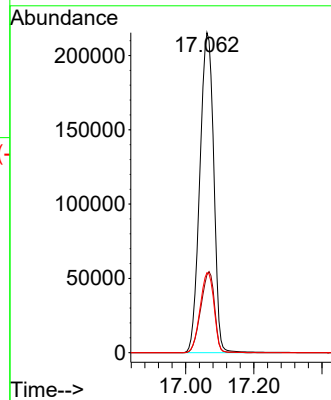
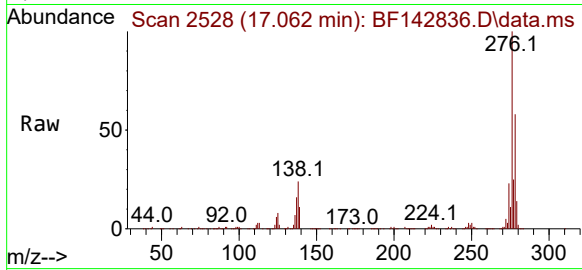
Tgt Ion:276 Resp: 609525

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.4

277 25.1 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 45.164 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

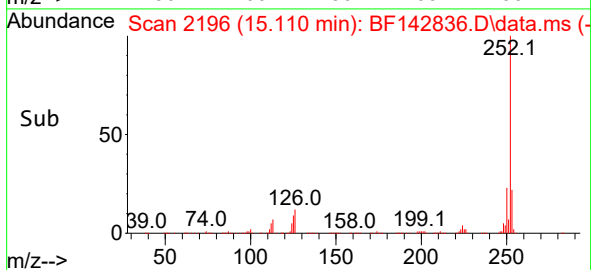
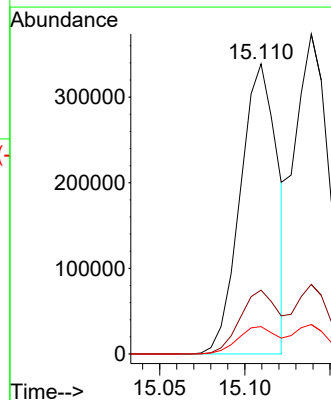
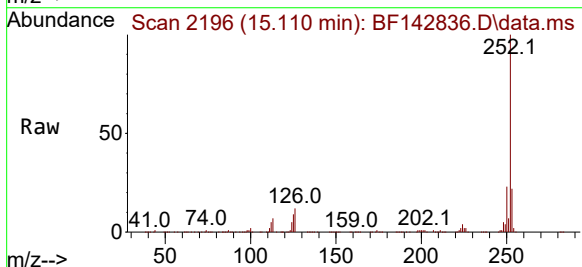
Tgt Ion:252 Resp: 513076

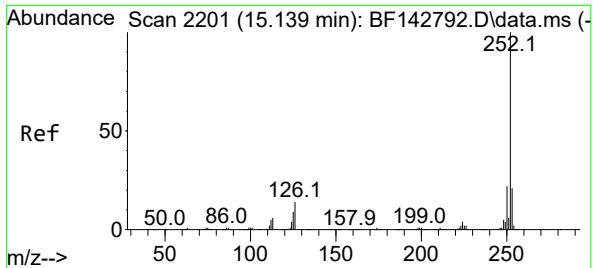
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.862 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

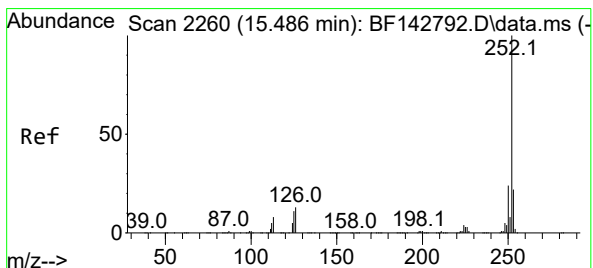
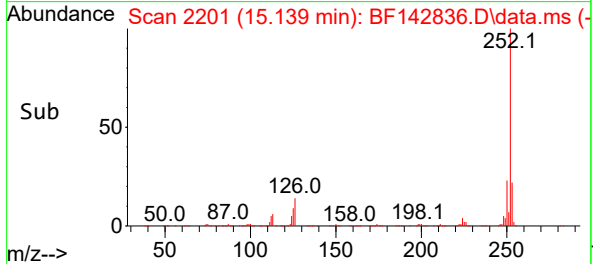
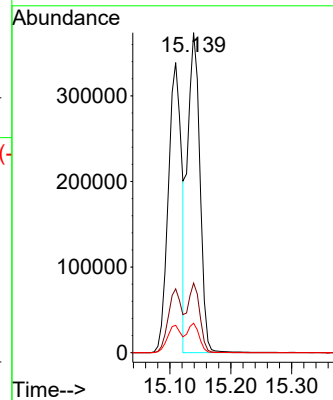
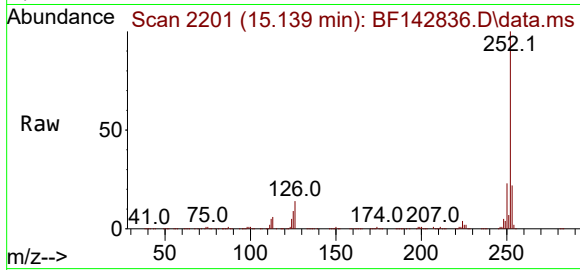
Tgt Ion:252 Resp: 519326

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.823 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

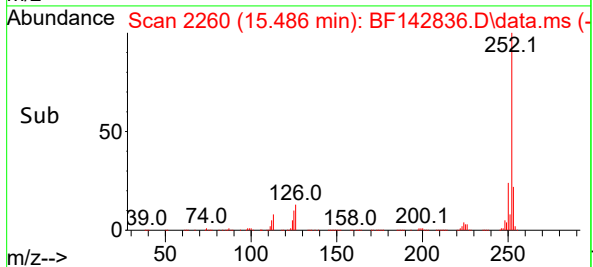
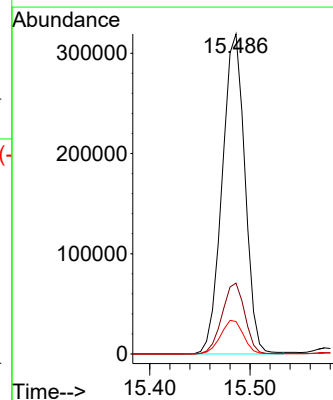
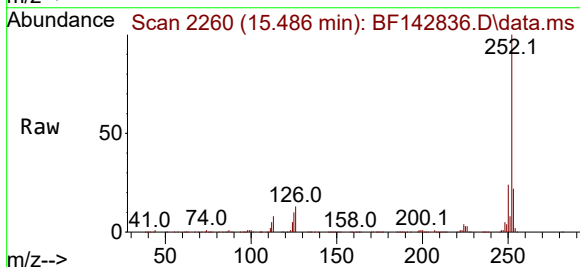
Tgt Ion:252 Resp: 502904

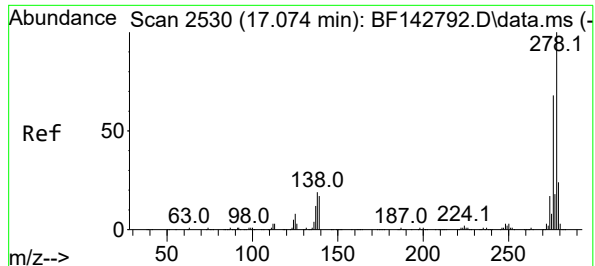
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.2 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 40.765 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB168592BS

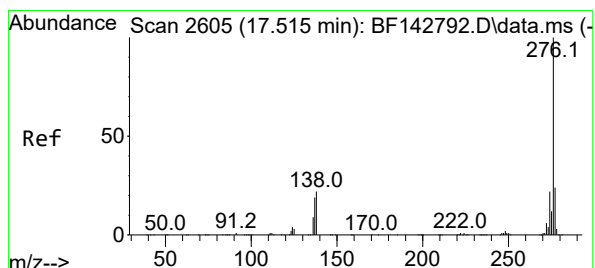
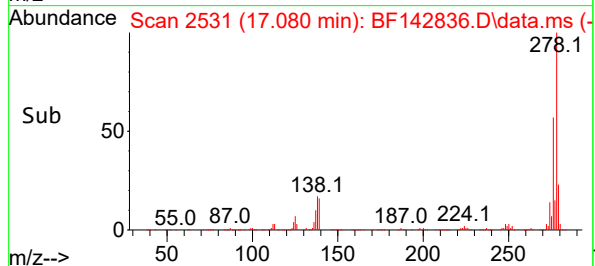
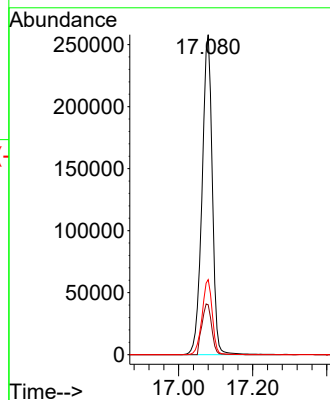
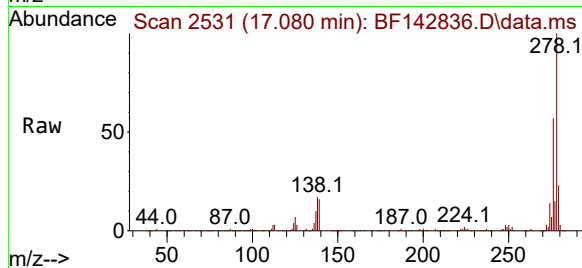
Tgt Ion:278 Resp: 495314

Ion Ratio Lower Upper

278 100

139 15.6 13.5 20.3

279 23.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 40.780 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF142836.D

Acq: 25 Jun 2025 14:25

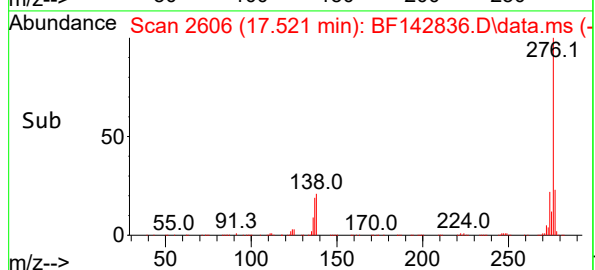
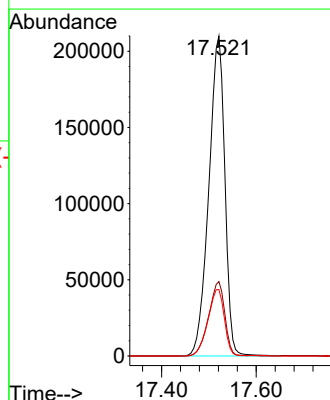
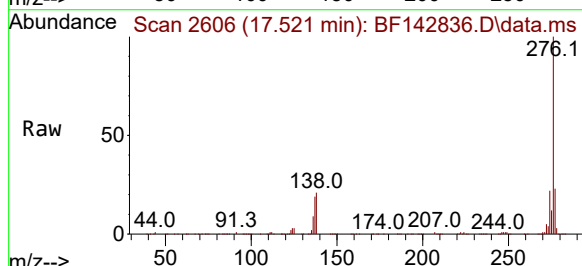
Tgt Ion:276 Resp: 494097

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 20.8 17.6 26.4



Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Ave B		Date Received:	
Client Sample ID:	PB168592BSD		SDG No.:	Q2372
Lab Sample ID:	PB168592BSD		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142837.D	1	06/24/25 08:39	06/25/25 14:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.7		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.2		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.3		1.30	5.00	ug/L
98-86-2	Acetophenone	43.1		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.1		1.40	2.50	ug/L
67-72-1	Hexachloroethane	42.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	42.4		0.76	5.00	ug/L
78-59-1	Isophorone	43.5		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.4		0.68	5.00	ug/L
91-20-3	Naphthalene	42.8		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	18.2		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.5		0.54	5.00	ug/L
105-60-2	Caprolactam	47.4		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	43.0		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	92.4	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	43.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.5		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	43.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.3		0.61	5.00	ug/L
208-96-8	Acenaphthylene	42.6		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	44.4		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	24.2		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.1		0.55	5.00	ug/L
132-64-9	Dibenzofuran	42.5		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	45.1		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.0		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.4		0.68	5.00	ug/L
86-73-7	Fluorene	42.6		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	43.6		1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BSD	SDG No.:	Q2372
Lab Sample ID:	PB168592BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142837.D	1	06/24/25 08:39	06/25/25 14:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	44.4		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.4		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.4		0.52	5.00	ug/L
1912-24-9	Atrazine	51.4		1.00	5.00	ug/L
85-01-8	Phenanthrene	44.3		0.50	5.00	ug/L
120-12-7	Anthracene	44.2		0.61	5.00	ug/L
86-74-8	Carbazole	44.9		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	50.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.8		0.82	5.00	ug/L
129-00-0	Pyrene	40.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	51.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	19.6		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	44.8		0.45	5.00	ug/L
218-01-9	Chrysene	45.9		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.5		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.5		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	46.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.1		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	42.6		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.7		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	35.5		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	73.6		30 (67) - 130 (132)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		30 (52) - 130 (132)	73%	SPK: 100
1718-51-0	Terphenyl-d14	70.2		30 (42) - 130 (152)	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83900	6.875			

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BSD	SDG No.:	Q2372
Lab Sample ID:	PB168592BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142837.D	1	06/24/25 08:39	06/25/25 14:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	315000	8.163			
15067-26-2	Acenaphthene-d10	164000	9.922			
1517-22-2	Phenanthrene-d10	263000	11.41			
1719-03-5	Chrysene-d12	161000	14.057			
1520-96-3	Perylene-d12	186000	15.545			

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\BF062525\
 Data File : BF142837.D
 Acq On : 25 Jun 2025 14:55
 Operator : RC/JU
 Sample : PB168592BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168592BSD

Quant Time: Jun 25 15:24:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	83905	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	314873	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	163617	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	262901	20.000	ng	0.00
76) Chrysene-d12	14.057	240	161274	20.000	ng	0.00
86) Perylene-d12	15.545	264	186310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	576444	114.384	ng	0.01
7) Phenol-d6	6.510	99	679158	114.227	ng	0.00
23) Nitrobenzene-d5	7.439	82	422392	73.581	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	200044	118.810	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	913001	73.304	ng	0.00
79) Terphenyl-d14	12.998	244	819614	70.220	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	71512	35.478	ng	100
3) Pyridine	3.481	79	190043	37.608	ng	99
4) n-Nitrosodimethylamine	3.434	42	109363	41.851	ng	98
6) Aniline	6.539	93	236875	29.941	ng	# 88
8) 2-Chlorophenol	6.663	128	231442	42.574	ng	98
9) Benzaldehyde	6.428	77	136379	38.662	ng	99
10) Phenol	6.528	94	271397	41.064	ng	88
11) bis(2-Chloroethyl)ether	6.610	93	204284	43.247	ng	99
12) 1,3-Dichlorobenzene	6.816	146	254453	41.852	ng	99
13) 1,4-Dichlorobenzene	6.892	146	259276	42.268	ng	99
14) 1,2-Dichlorobenzene	7.045	146	248525	42.716	ng	99
15) Benzyl Alcohol	7.022	79	184691	42.968	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	313301	41.283	ng	96
17) 2-Methylphenol	7.134	107	175342	42.562	ng	98
18) Hexachloroethane	7.386	117	90464	42.164	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	148995	43.087	ng	97
20) 3+4-Methylphenols	7.286	107	215831	42.019	ng	95
22) Acetophenone	7.286	105	299487	43.132	ng	98
24) Nitrobenzene	7.463	77	220303	42.401	ng	97
25) Isophorone	7.698	82	400821	43.526	ng	100
26) 2-Nitrophenol	7.775	139	127170	44.931	ng	99
27) 2,4-Dimethylphenol	7.816	122	207492	42.323	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	253828	43.356	ng	99
29) 2,4-Dichlorophenol	8.022	162	193429	43.513	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	209755	42.911	ng	99
31) Naphthalene	8.186	128	660099	42.829	ng	100
32) Benzoic acid	7.933	122	119403	47.784	ng	96
33) 4-Chloroaniline	8.233	127	113762	18.153	ng	98
34) Hexachlorobutadiene	8.298	225	130012	43.483	ng	99
35) Caprolactam	8.604	113	55659m	47.449	ng	
36) 4-Chloro-3-methylphenol	8.716	107	189948	42.995	ng	99
37) 2-Methylnaphthalene	8.875	142	410789	42.991	ng	100
38) 1-Methylnaphthalene	8.975	142	427339	43.203	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	210803	43.664	ng	99
41) Hexachlorocyclopentadiene	9.028	237	253259	92.441	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	133329	42.382	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142837.D
 Acq On : 25 Jun 2025 14:55
 Operator : RC/JU
 Sample : PB168592BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168592BSD

Quant Time: Jun 25 15:24:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

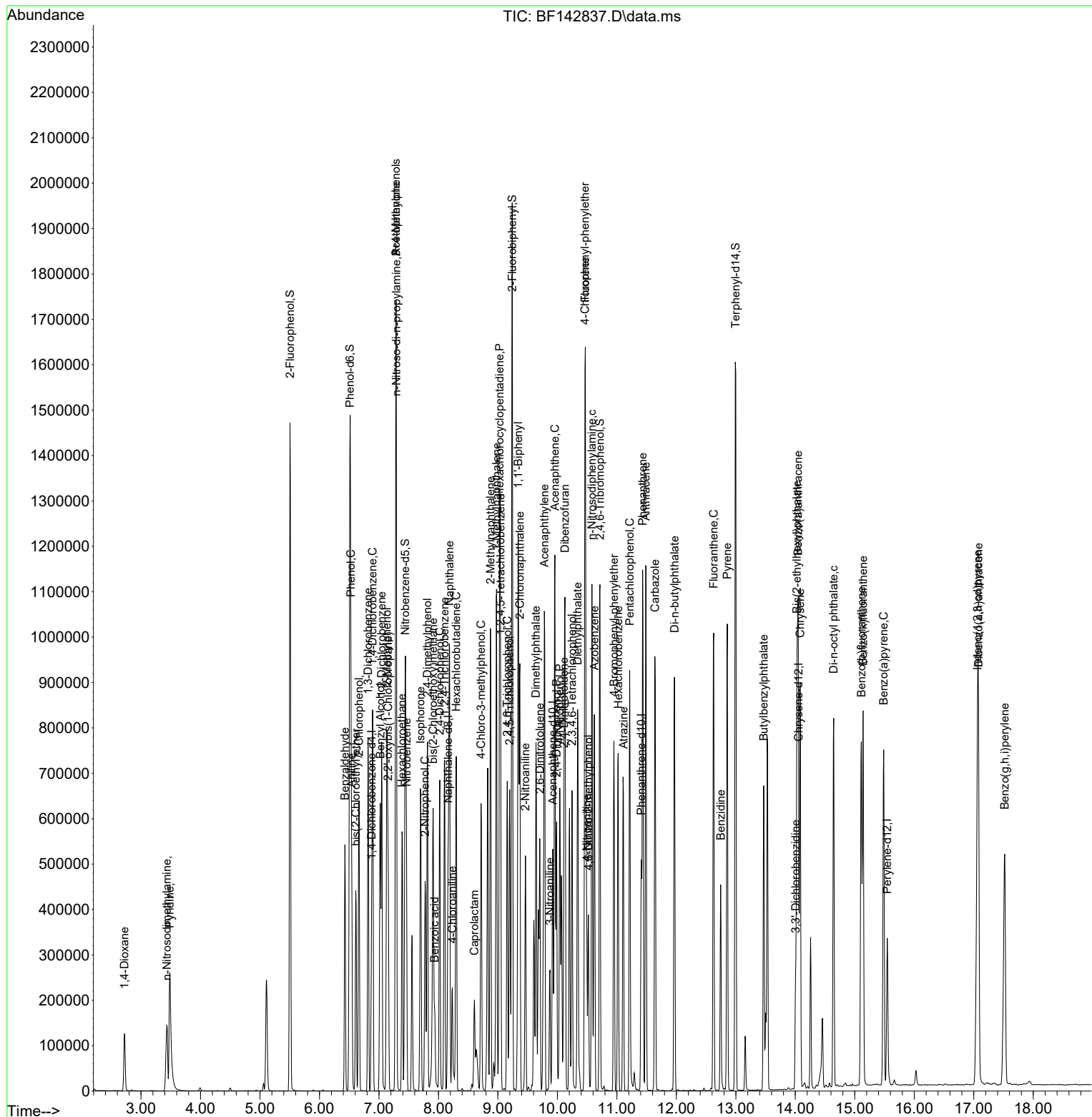
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	143578	43.356	ng	99
46) 1,1'-Biphenyl	9.339	154	560823	43.391	ng	100
47) 2-Chloronaphthalene	9.369	162	411944	42.472	ng	100
48) 2-Nitroaniline	9.463	65	117627	43.258	ng	96
49) Acenaphthylene	9.780	152	679599	42.563	ng	100
50) Dimethylphthalate	9.639	163	469688	44.348	ng	99
51) 2,6-Dinitrotoluene	9.704	165	103346	44.433	ng	99
52) Acenaphthene	9.957	154	458819	47.098	ng	100
53) 3-Nitroaniline	9.875	138	62001	24.211	ng	98
54) 2,4-Dinitrophenol	9.986	184	124838	107.193	ng	97
55) Dibenzofuran	10.127	168	593301	42.471	ng	100
56) 4-Nitrophenol	10.039	139	160652	91.637	ng	99
57) 2,4-Dinitrotoluene	10.110	165	139310	45.092	ng	98
58) Fluorene	10.469	166	464422	42.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	112475	42.135	ng	98
60) Diethylphthalate	10.339	149	467604	45.030	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	220965	42.444	ng	99
62) 4-Nitroaniline	10.492	138	102121	43.603	ng	97
63) Azobenzene	10.622	77	398817	42.971	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	76429	48.062	ng	97
66) n-Nitrosodiphenylamine	10.580	169	404954	44.444	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	135948	45.436	ng	96
68) Hexachlorobenzene	11.022	284	147569	44.386	ng	98
69) Atrazine	11.110	200	120913	51.389	ng	99
70) Pentachlorophenol	11.216	266	156013	94.172	ng	98
71) Phenanthrene	11.433	178	630354	44.262	ng	99
72) Anthracene	11.486	178	645095	44.167	ng	99
73) Carbazole	11.639	167	565561	44.871	ng	100
74) Di-n-butylphthalate	11.969	149	664599	50.615	ng	100
75) Fluoranthene	12.627	202	619349	45.824	ng	99
77) Benzidine	12.745	184	246655	40.707	ng	100
78) Pyrene	12.857	202	609983	40.351	ng	100
80) Butylbenzylphthalate	13.468	149	225717	51.475	ng	98
81) Benzo(a)anthracene	14.045	228	487545	44.813	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	69101	19.582	ng	99
83) Chrysene	14.080	228	445178	45.856	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	324650	51.458	ng	100
85) Di-n-octyl phthalate	14.645	149	577036	48.505	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	597719	42.119	ng	99
88) Benzo(b)fluoranthene	15.109	252	490465	45.495	ng	99
89) Benzo(k)fluoranthene	15.139	252	472041	46.801	ng	99
90) Benzo(a)pyrene	15.486	252	476585	45.760	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	488845	42.396	ng	99
92) Benzo(g,h,i)perylene	17.521	276	490223	42.636	ng	99

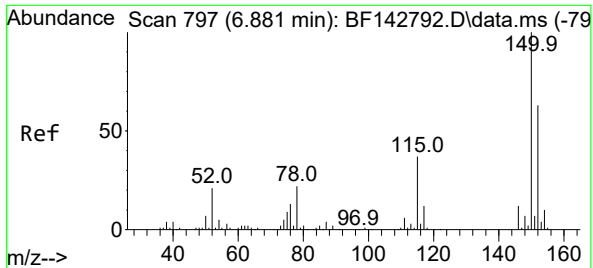
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF142837.D  
Acq On    : 25 Jun 2025  14:55  
Operator  : RC/JU  
Sample    : PB168592BSD  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Quant Time: Jun 25 15:24:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

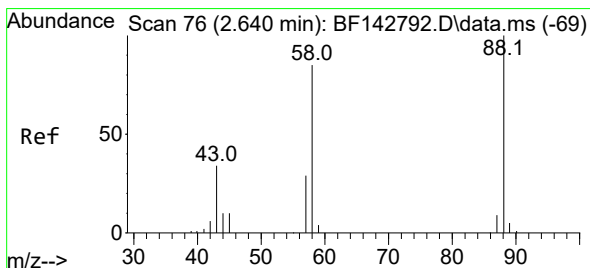
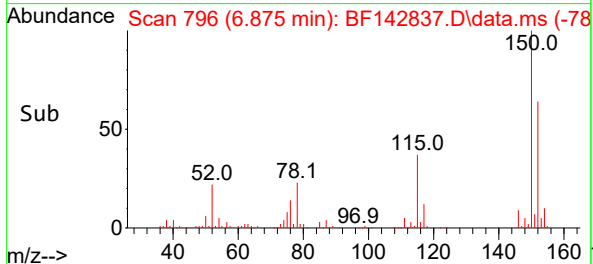
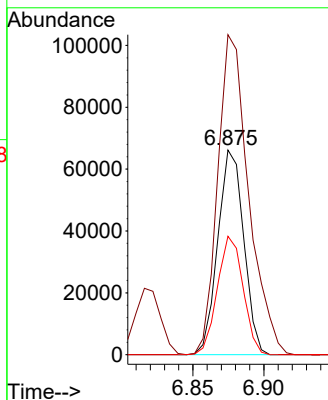
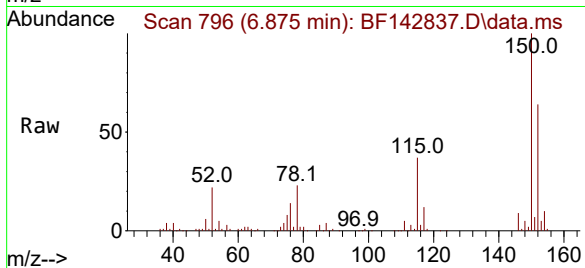




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

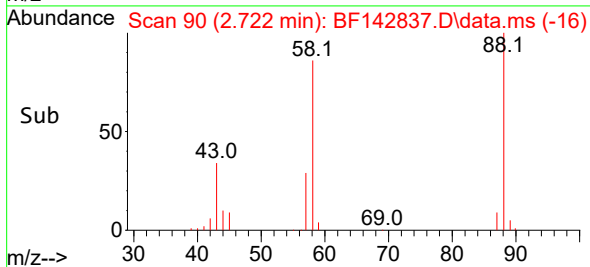
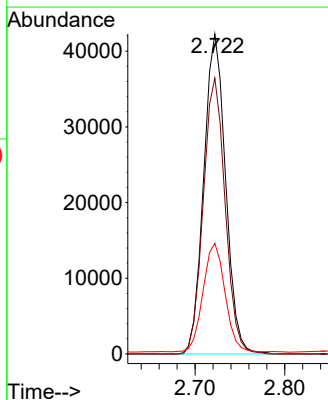
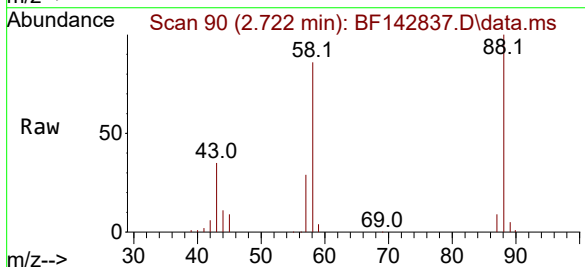
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

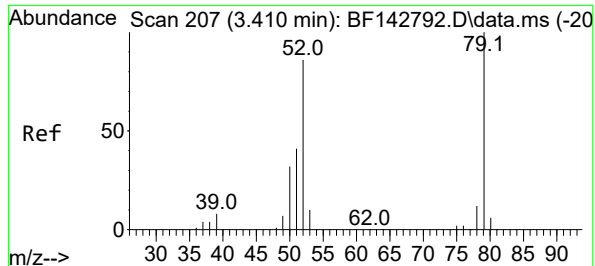
Tgt Ion:152 Resp: 83905
Ion Ratio Lower Upper
152 100
150 156.4 127.2 190.8
115 57.8 46.6 69.8



#2
1,4-Dioxane
Concen: 35.478 ng
RT: 2.722 min Scan# 90
Delta R.T. 0.082 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion: 88 Resp: 71512
Ion Ratio Lower Upper
88 100
58 86.4 69.1 103.7
43 34.8 27.4 41.2

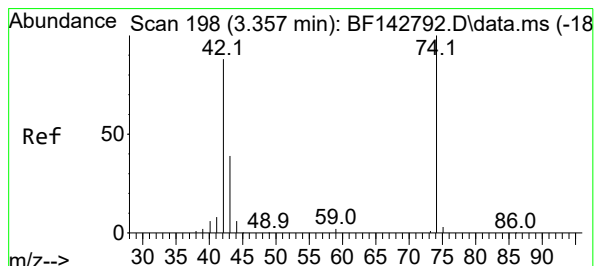
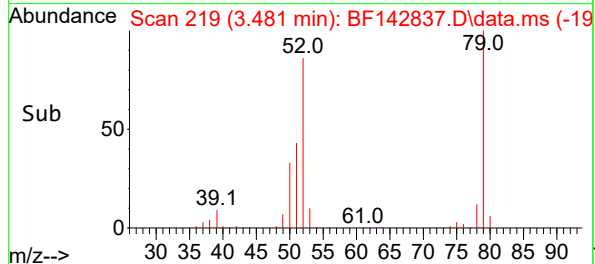
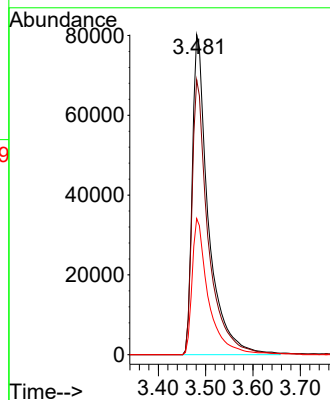
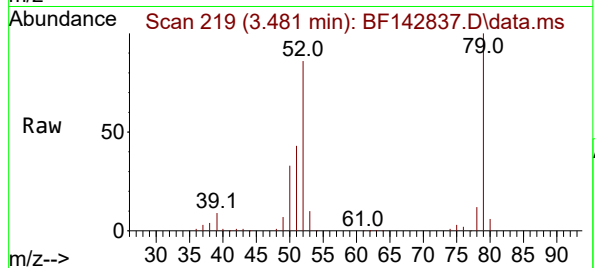




#3
Pyridine
Concen: 37.608 ng
RT: 3.481 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

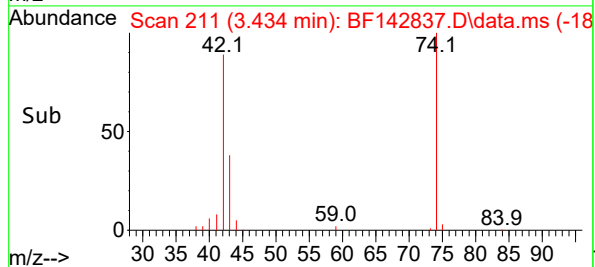
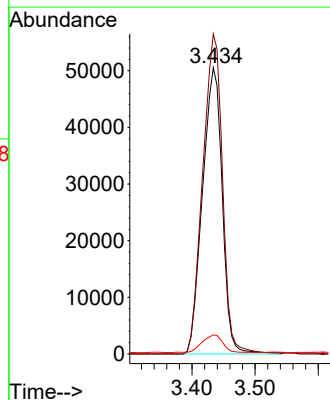
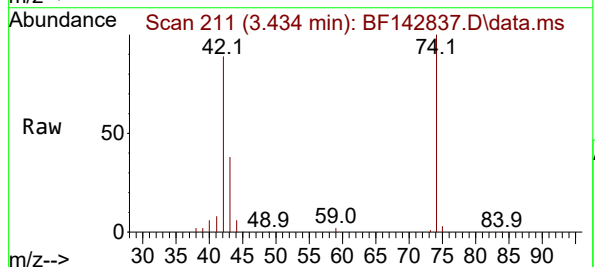
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

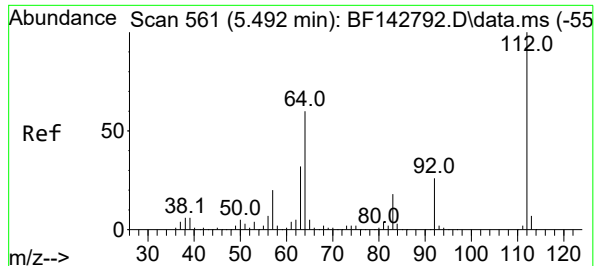
Tgt Ion: 79 Resp: 190043
Ion Ratio Lower Upper
79 100
52 85.9 69.2 103.8
51 42.5 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.851 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.076 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion: 42 Resp: 109363
Ion Ratio Lower Upper
42 100
74 111.8 90.9 136.3
44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 114.384 ng

RT: 5.504 min Scan# 5

Delta R.T. 0.012 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

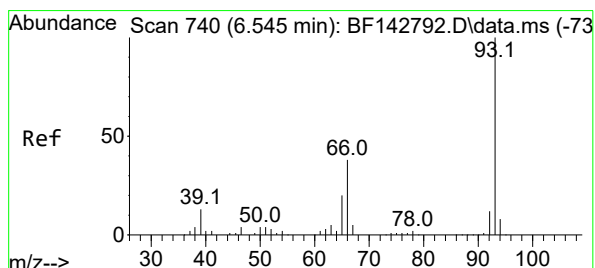
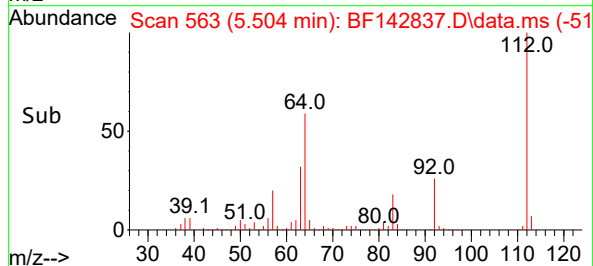
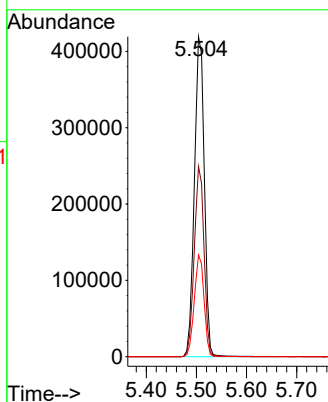
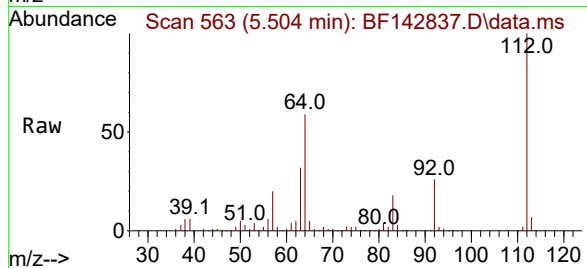
Tgt Ion:112 Resp: 576444

Ion Ratio Lower Upper

112 100

64 59.5 48.2 72.2

63 31.8 25.7 38.5



#6

Aniline

Concen: 29.941 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

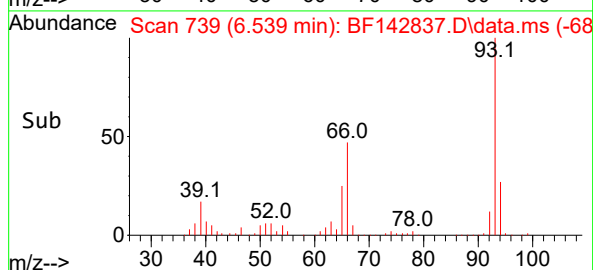
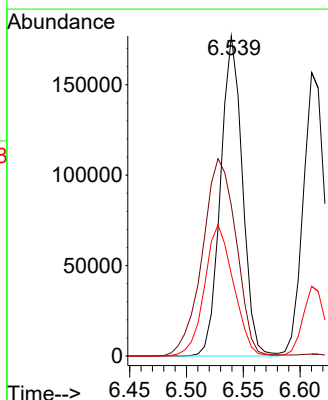
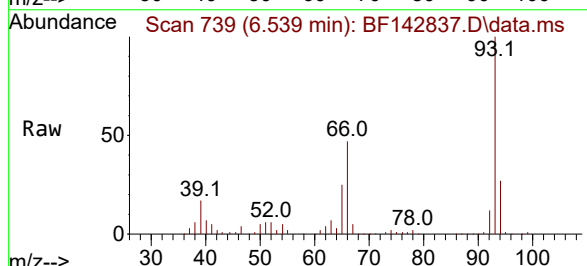
Tgt Ion: 93 Resp: 236875

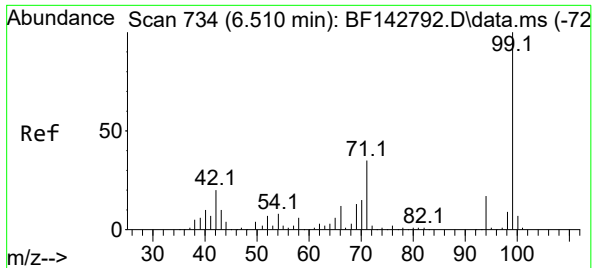
Ion Ratio Lower Upper

93 100

66 47.0 31.8 47.6

65 25.5 16.2 24.2#

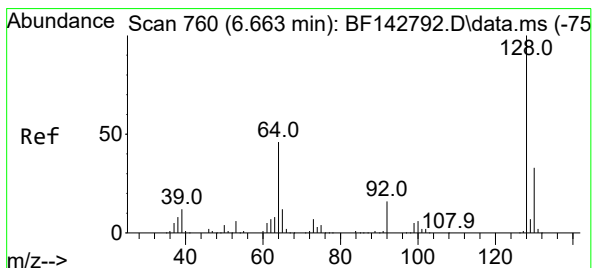
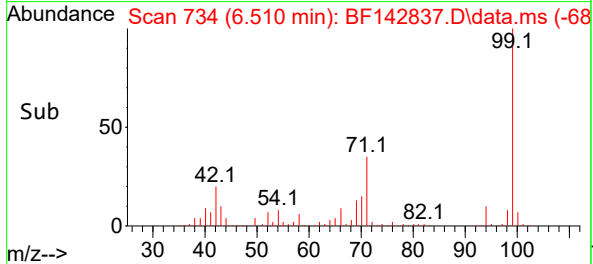
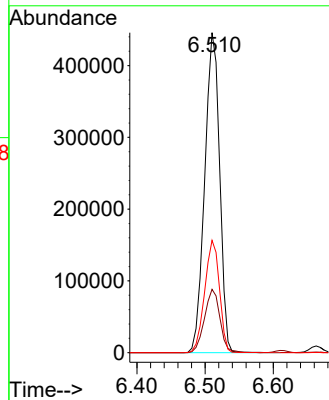
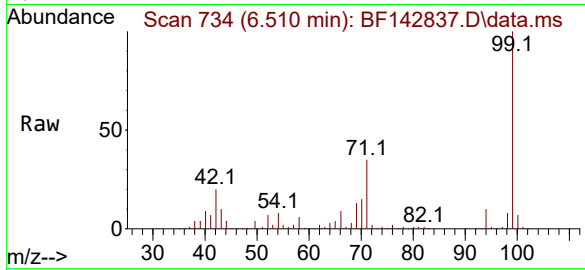




#7
Phenol-d6
Concen: 114.227 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

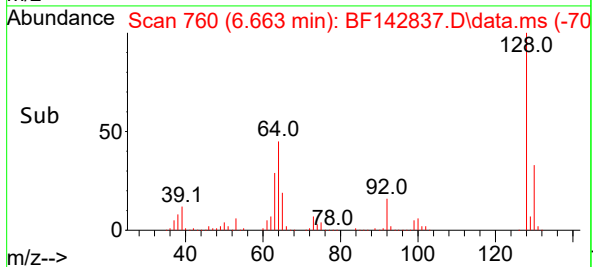
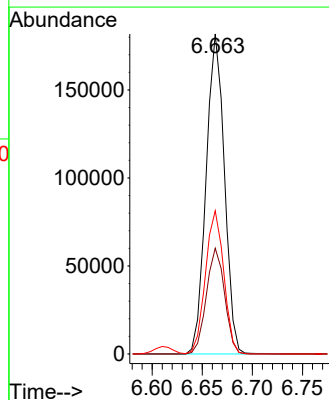
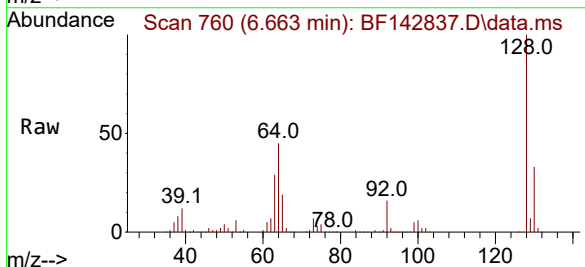
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

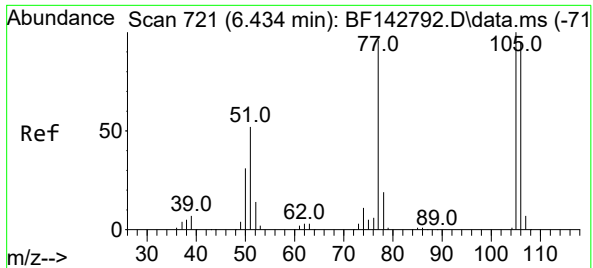
Tgt Ion: 99 Resp: 679158
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.1 27.8 41.8



#8
2-Chlorophenol
Concen: 42.574 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion: 128 Resp: 231442
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 44.7 26.5 66.5

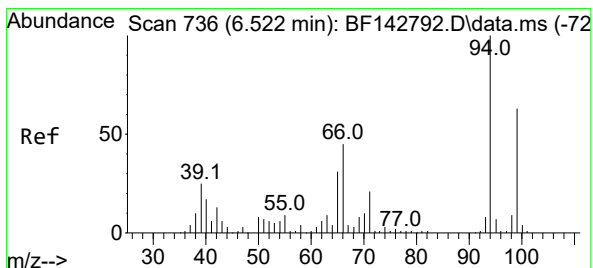
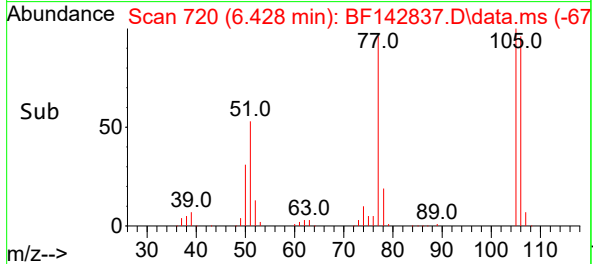
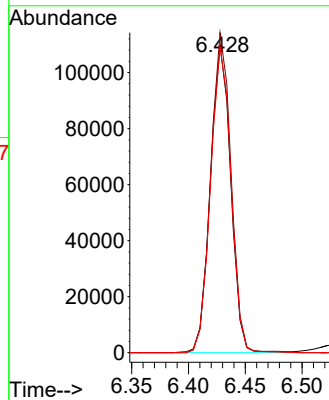
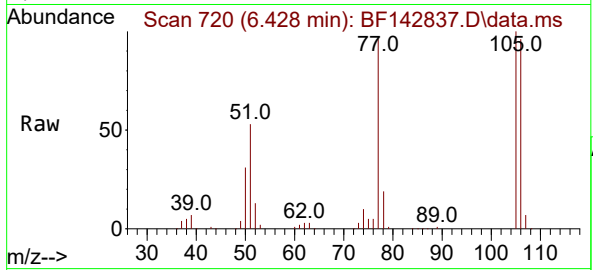




#9
Benzaldehyde
Concen: 38.662 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

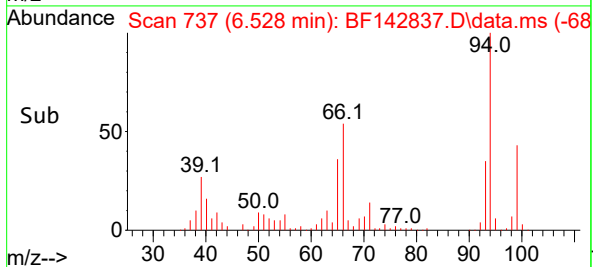
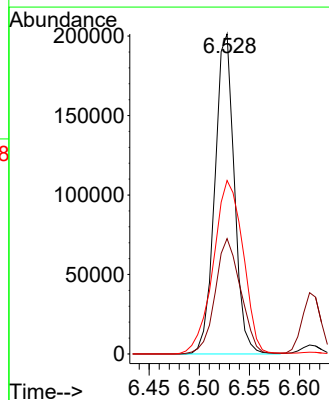
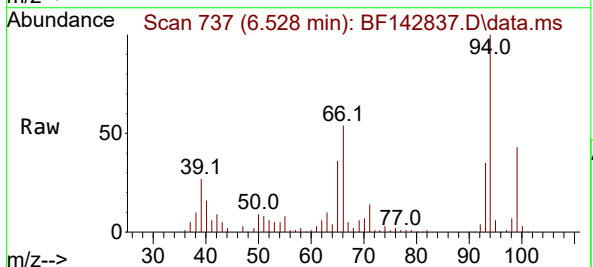
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

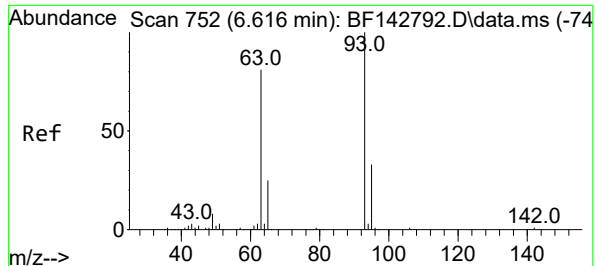
Tgt Ion: 77 Resp: 136379
Ion Ratio Lower Upper
77 100
105 104.1 83.8 123.8
106 99.5 78.7 118.7



#10
Phenol
Concen: 41.064 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion: 94 Resp: 271397
Ion Ratio Lower Upper
94 100
65 36.0 11.3 51.3
66 54.2 24.9 64.9

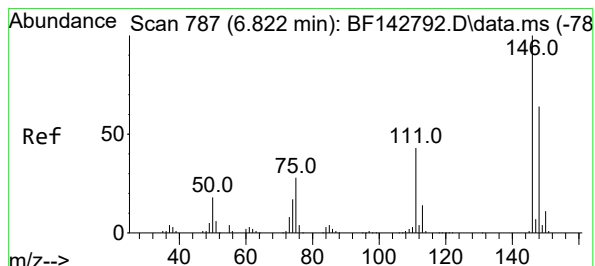
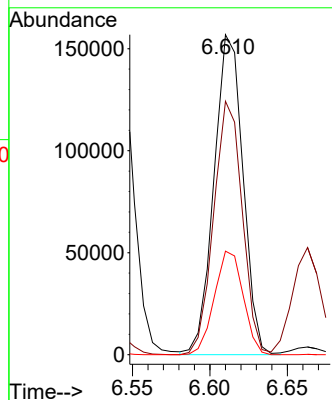
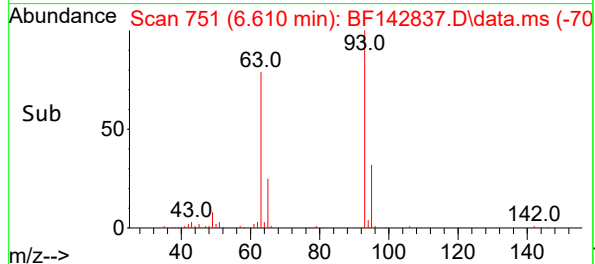
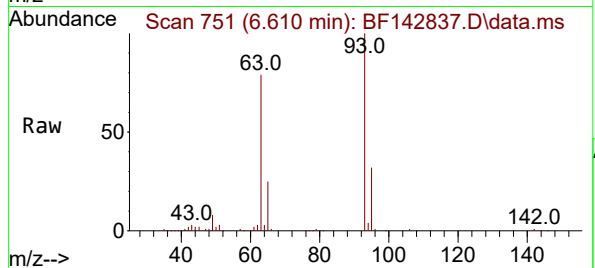




#11
bis(2-Chloroethyl)ether
Concen: 43.247 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

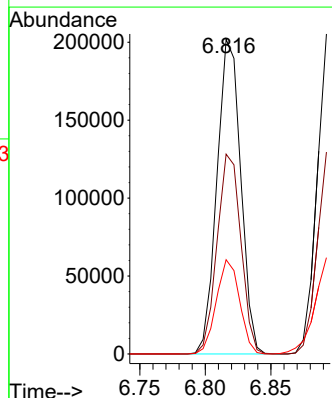
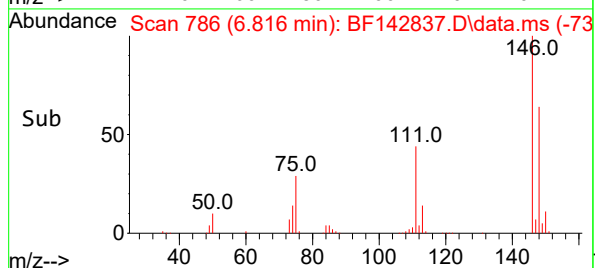
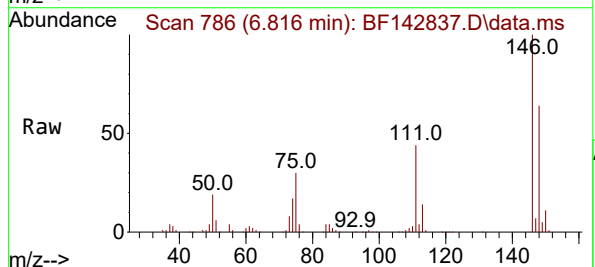
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

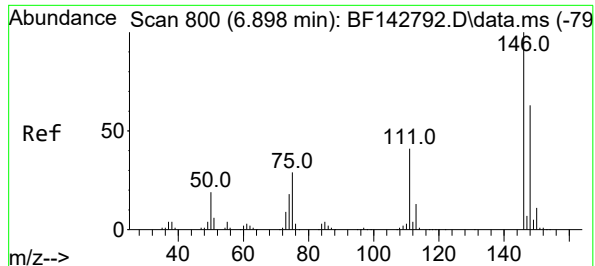
Tgt Ion: 93 Resp: 204284
Ion Ratio Lower Upper
93 100
63 79.2 60.3 100.3
95 32.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.852 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:146 Resp: 254453
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
75 30.0 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 42.268 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

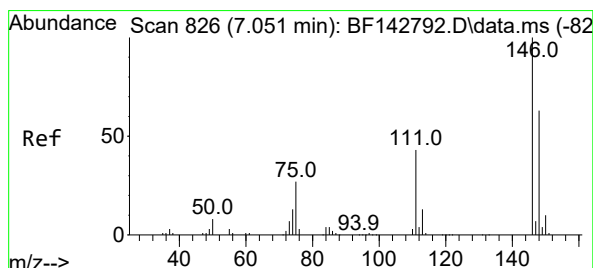
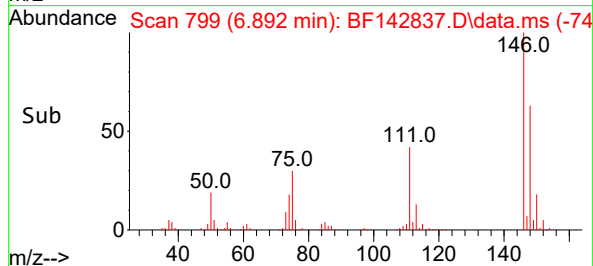
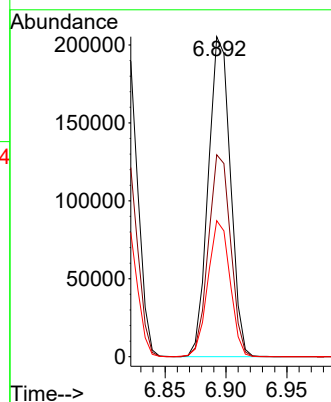
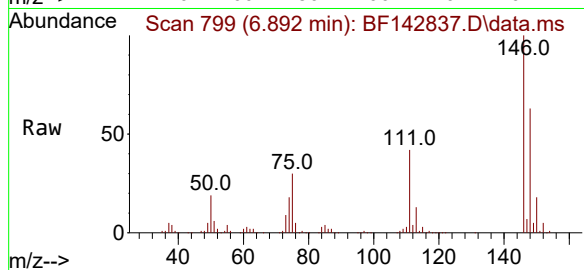
Tgt Ion:146 Resp: 259276

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 42.5 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.716 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

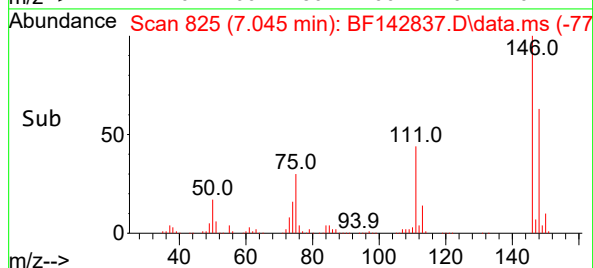
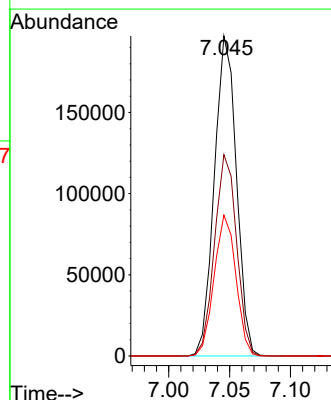
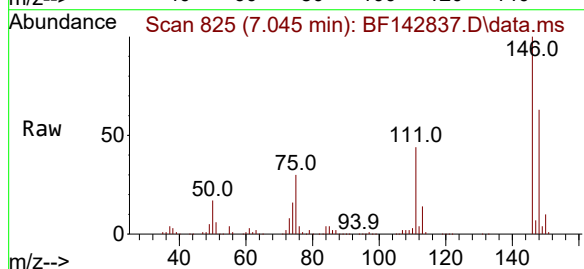
Tgt Ion:146 Resp: 248525

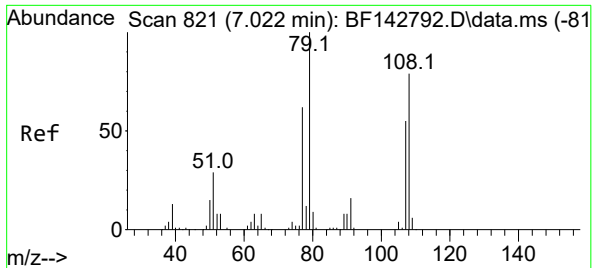
Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

111 44.0 34.1 51.1





#15

Benzyl Alcohol

Concen: 42.968 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

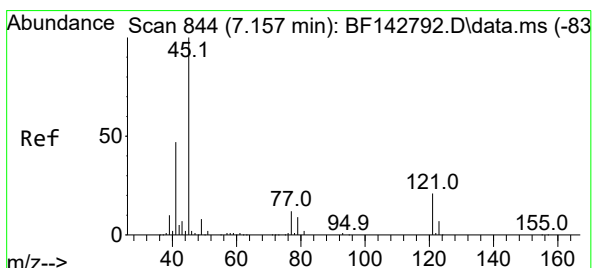
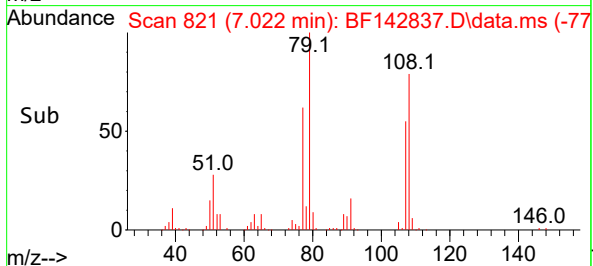
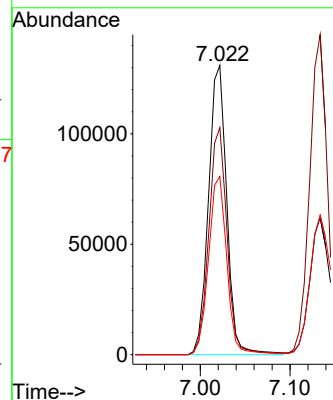
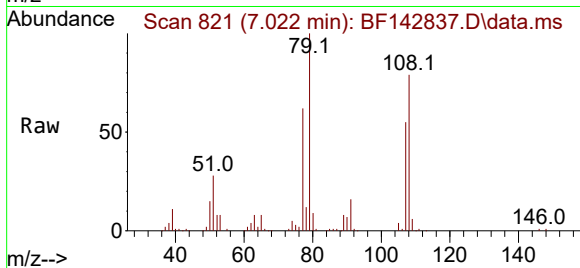
BNA_F

ClientSampleId :

PB168592BSD

Tgt Ion: 79 Resp: 184691

Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.4	95.0
77	61.6	49.5	74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.283 ng

RT: 7.151 min Scan# 843

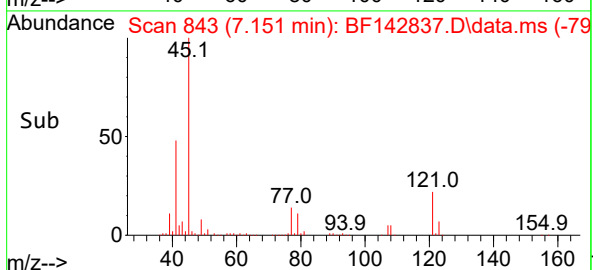
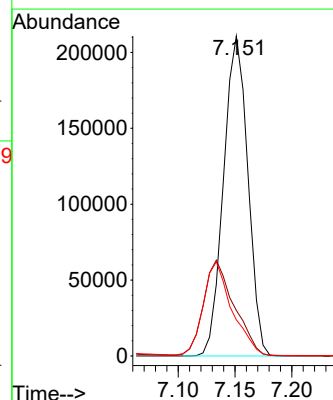
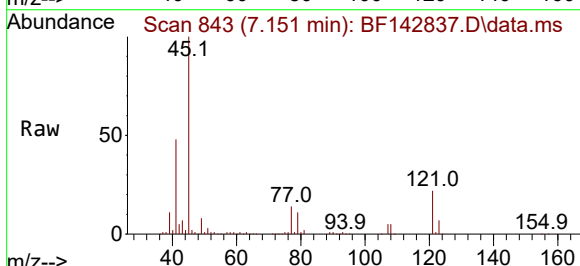
Delta R.T. -0.006 min

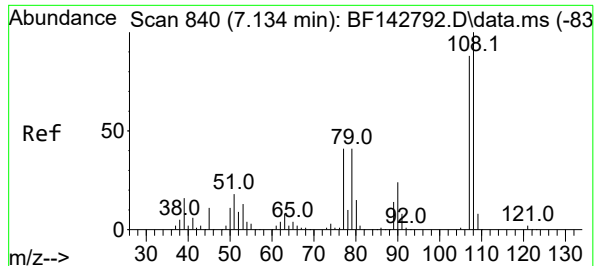
Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Tgt Ion: 45 Resp: 313301

Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	32.8
79	11.3	0.0	29.8

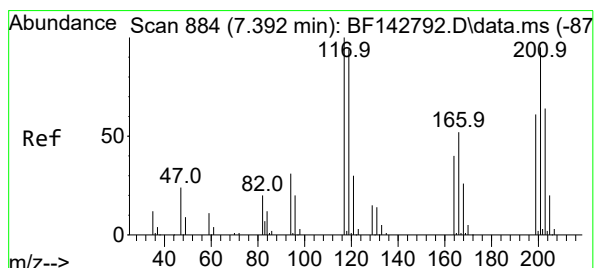
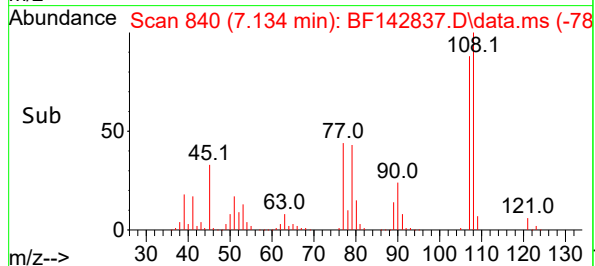
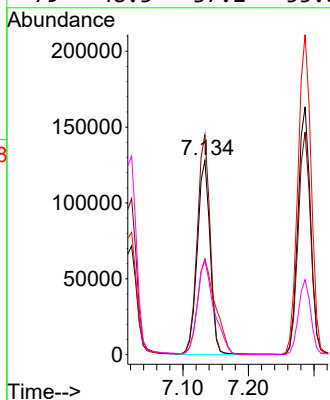
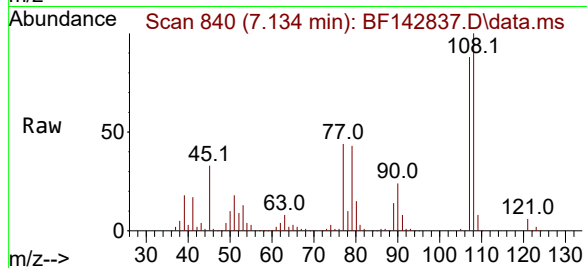




#17
2-Methylphenol
Concen: 42.562 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

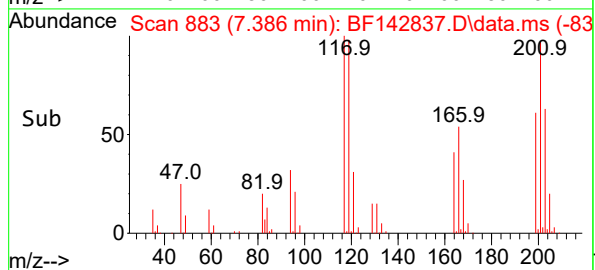
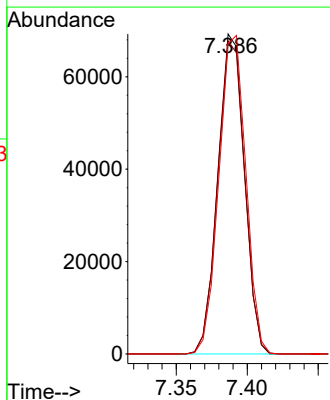
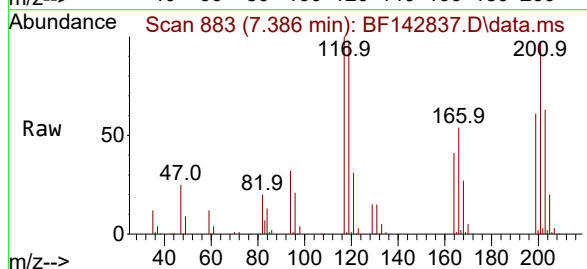
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

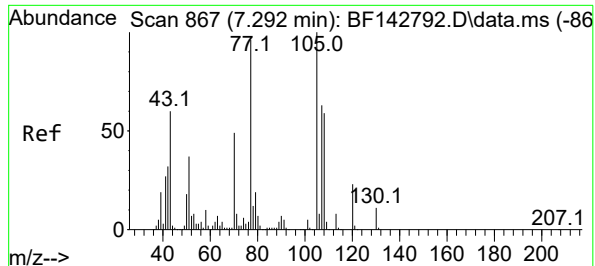
Tgt Ion:107 Resp: 175342
Ion Ratio Lower Upper
107 100
108 113.2 90.9 136.3
77 49.3 37.3 55.9
79 48.5 37.2 55.8



#18
Hexachloroethane
Concen: 42.164 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:117 Resp: 90464
Ion Ratio Lower Upper
117 100
119 97.9 75.4 113.0
201 97.0 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 43.087 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

Tgt Ion: 70 Resp: 148995

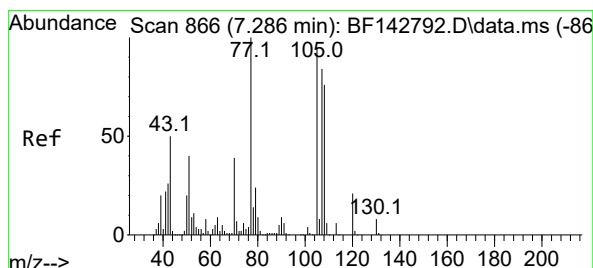
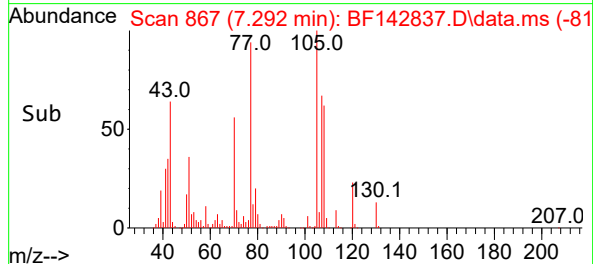
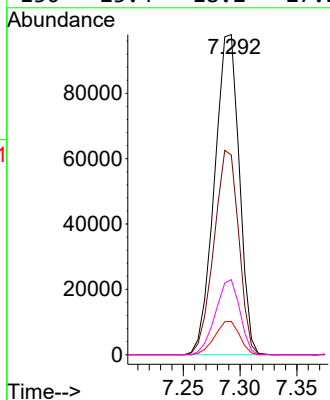
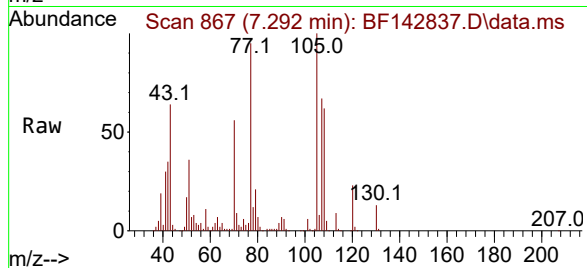
Ion Ratio Lower Upper

70 100

42 62.4 52.1 78.1

101 10.4 8.2 12.2

130 23.4 18.2 27.2



#20

3+4-Methylphenols

Concen: 42.019 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Tgt Ion: 107 Resp: 215831

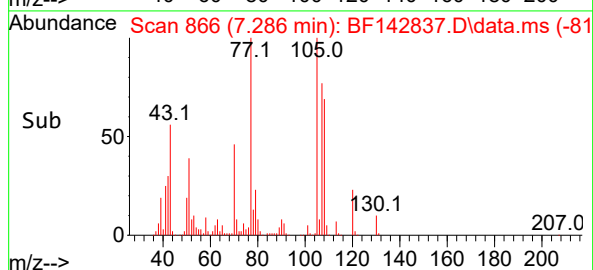
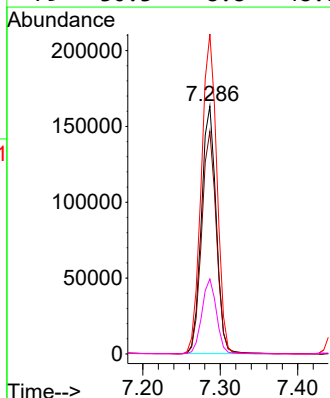
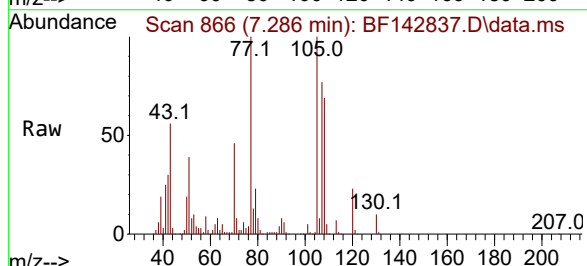
Ion Ratio Lower Upper

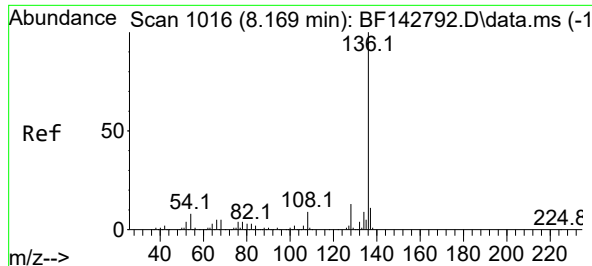
107 100

108 89.8 70.0 110.0

77 129.1 98.5 138.5

79 30.3 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

Tgt Ion:136 Resp: 314873

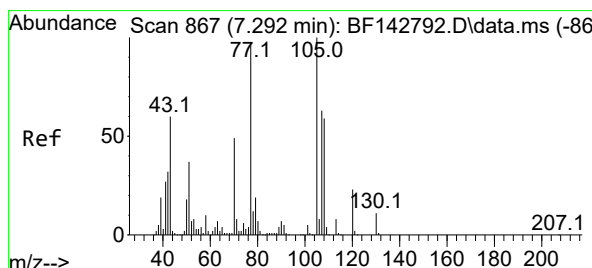
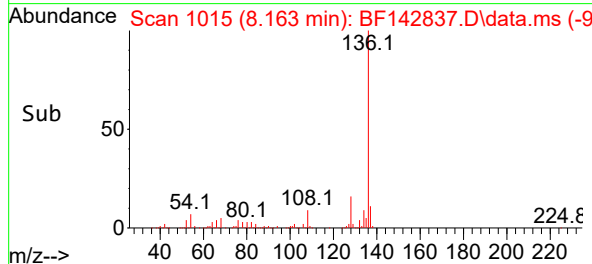
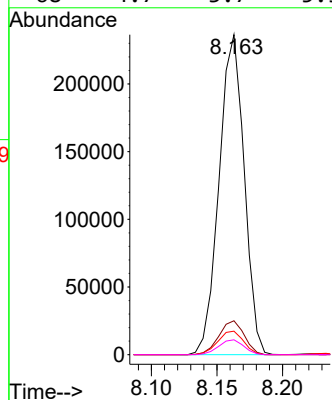
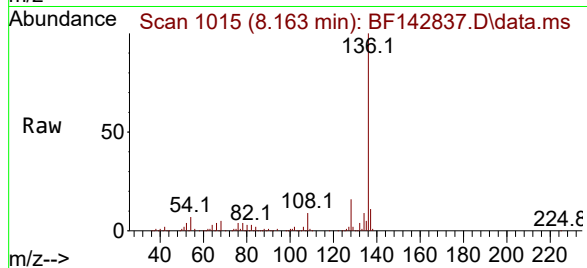
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.4 6.3 9.5

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 43.132 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Tgt Ion:105 Resp: 299487

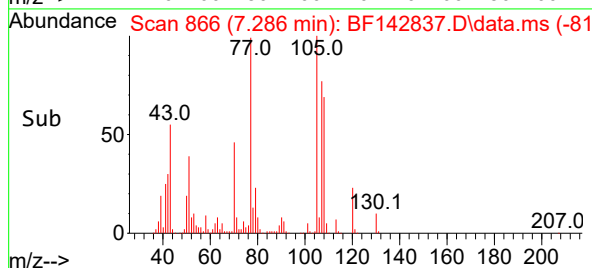
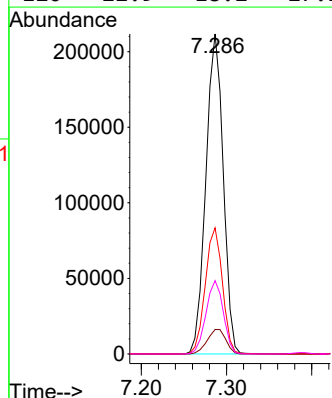
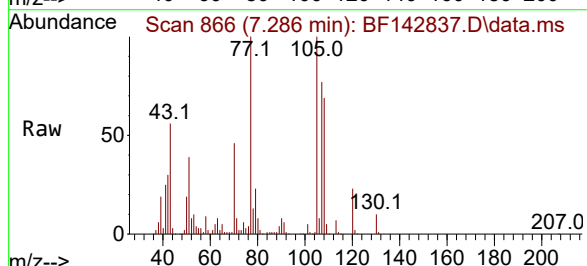
Ion Ratio Lower Upper

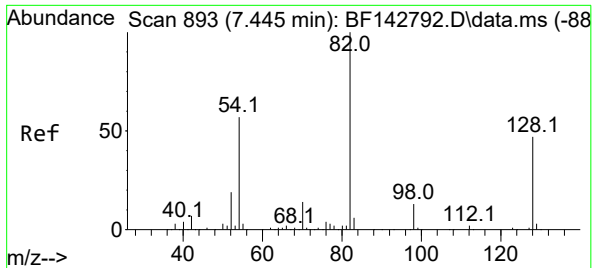
105 100

71 7.7 6.5 9.7

51 39.4 29.8 44.8

120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 73.581 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

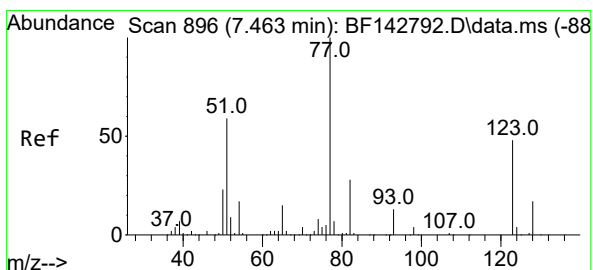
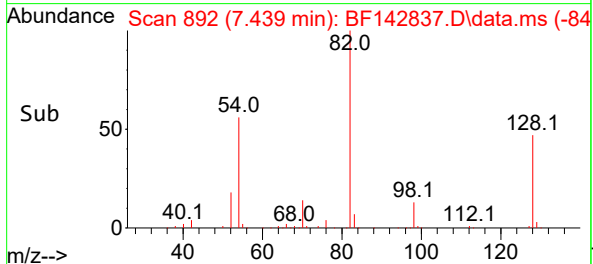
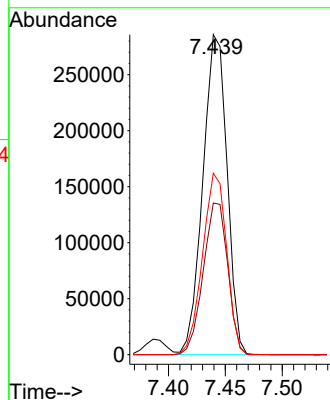
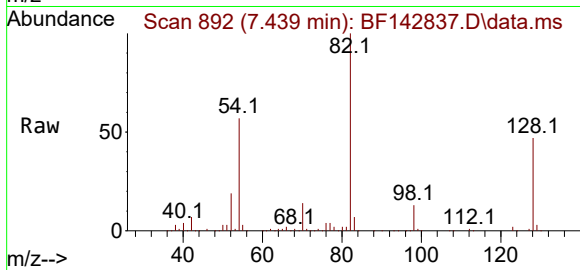
BNA_F

ClientSampleId :

PB168592BSD

Tgt Ion: 82 Resp: 422392

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.7	56.5
54	56.7	45.7	68.5



#24

Nitrobenzene

Concen: 42.401 ng

RT: 7.463 min Scan# 896

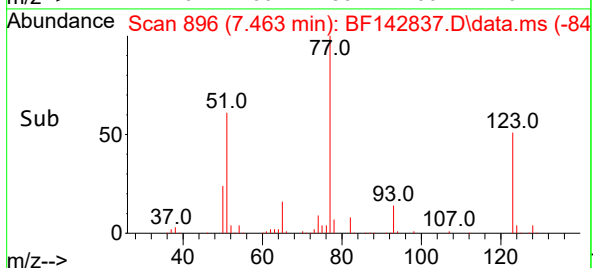
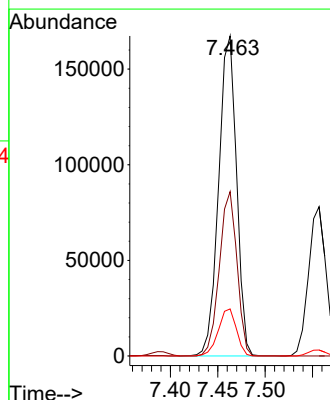
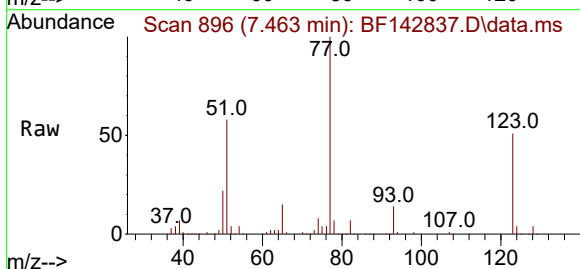
Delta R.T. -0.000 min

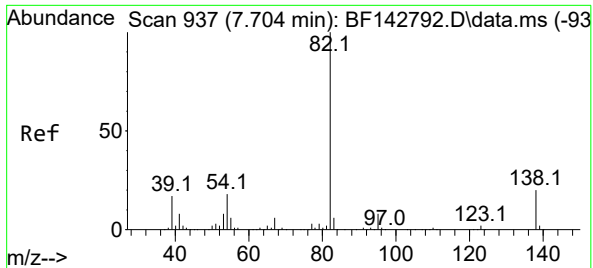
Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Tgt Ion: 77 Resp: 220303

Ion	Ratio	Lower	Upper
77	100		
123	51.4	39.2	58.8
65	14.7	11.6	17.4

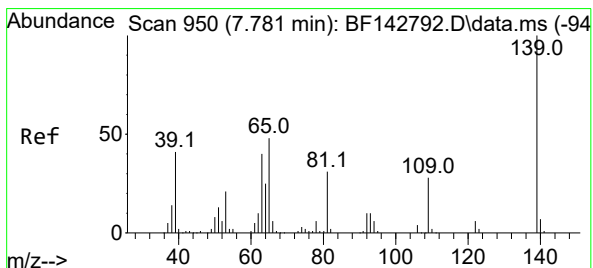
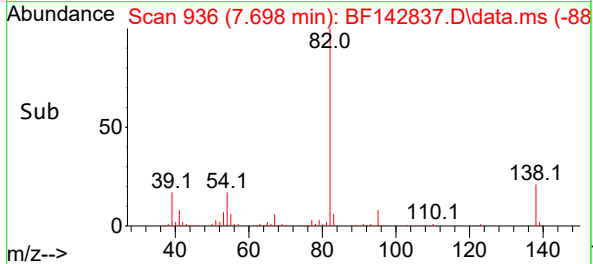
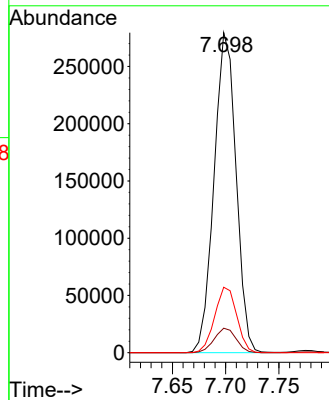
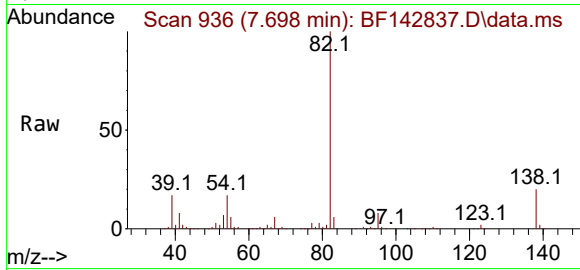




#25
Isophorone
Concen: 43.526 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

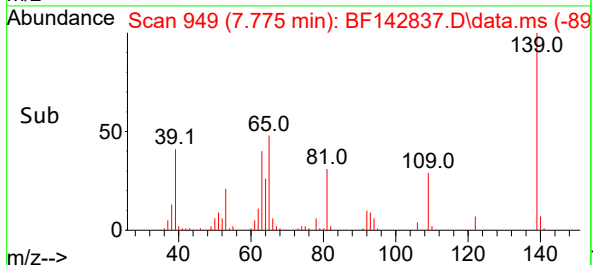
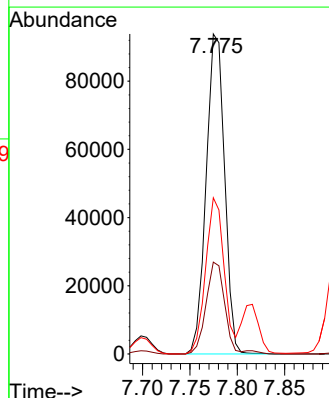
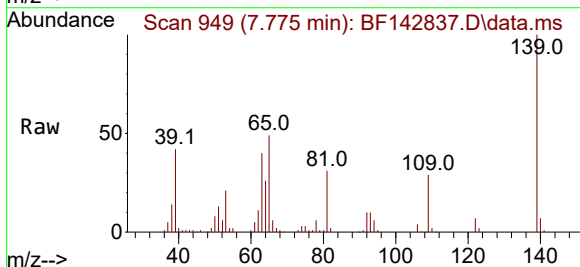
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

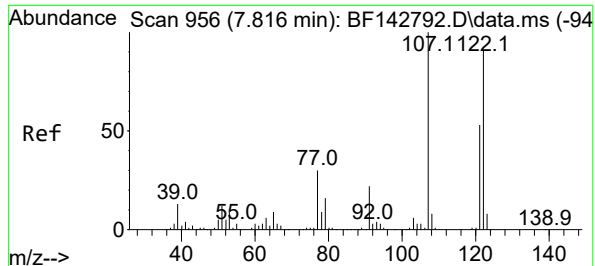
Tgt Ion: 82 Resp: 400821
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.4 16.2 24.4



#26
2-Nitrophenol
Concen: 44.931 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion: 139 Resp: 127170
Ion Ratio Lower Upper
139 100
109 28.7 22.7 34.1
65 48.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.323 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

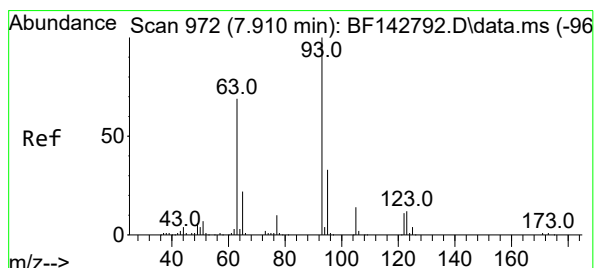
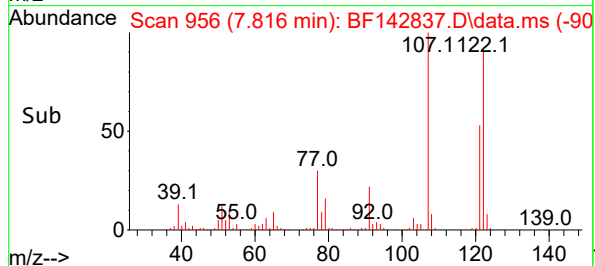
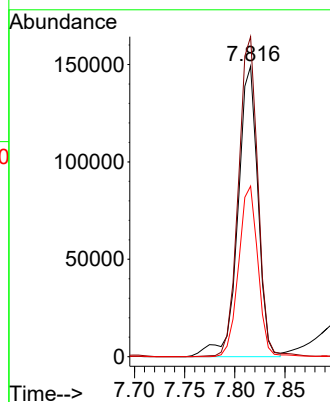
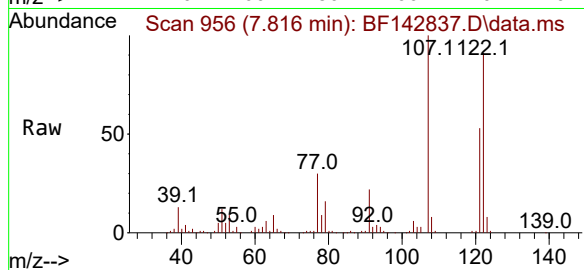
Tgt Ion:122 Resp: 207492

Ion Ratio Lower Upper

122 100

107 110.2 88.0 132.0

121 58.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.356 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

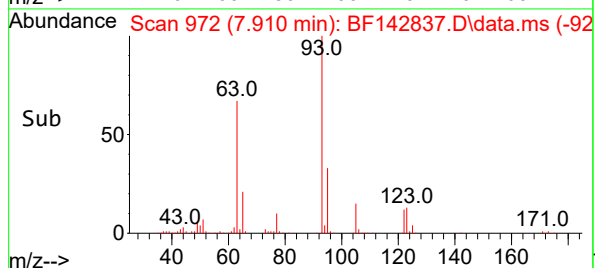
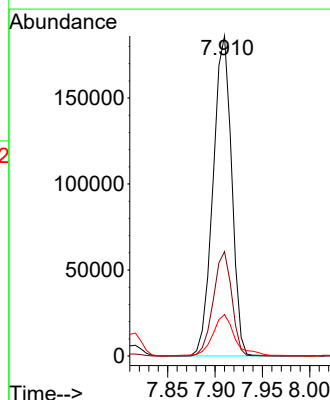
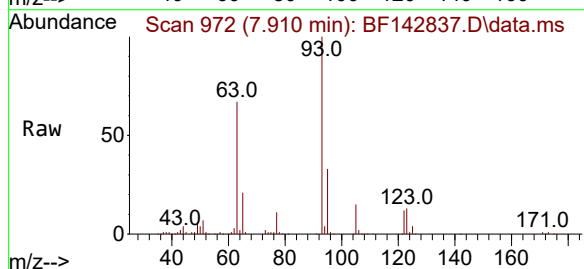
Tgt Ion: 93 Resp: 253828

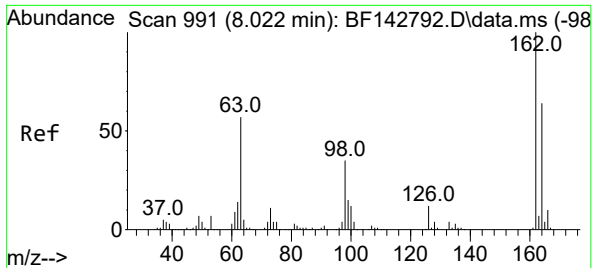
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 13.0 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.513 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

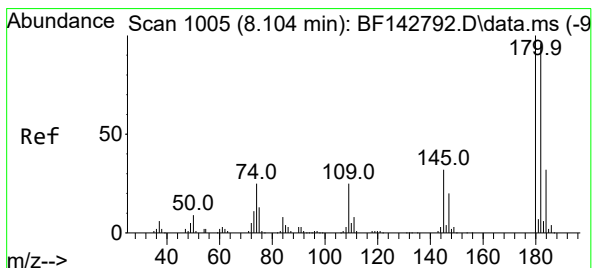
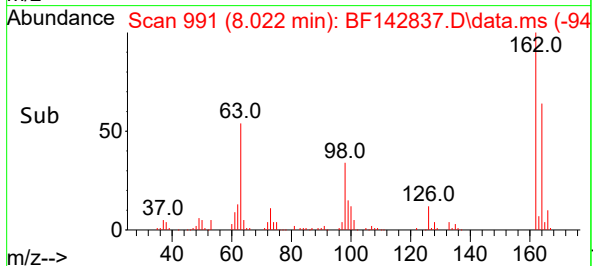
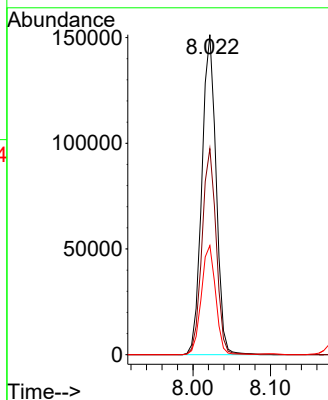
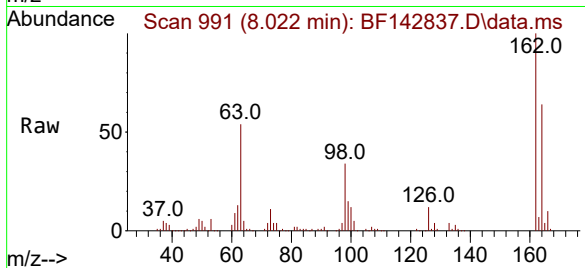
Tgt Ion:162 Resp: 193429

Ion Ratio Lower Upper

162 100

164 64.4 44.0 84.0

98 34.1 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.911 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

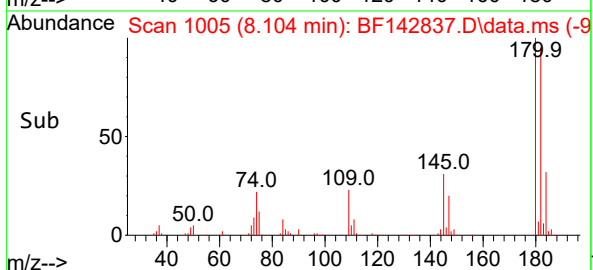
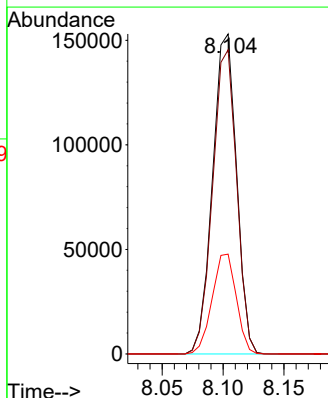
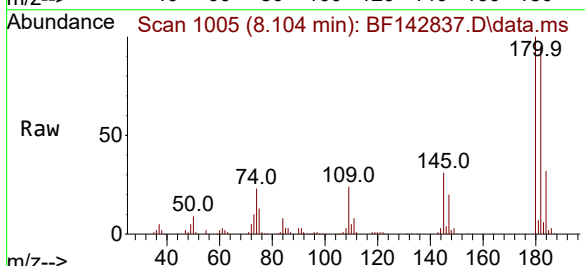
Tgt Ion:180 Resp: 209755

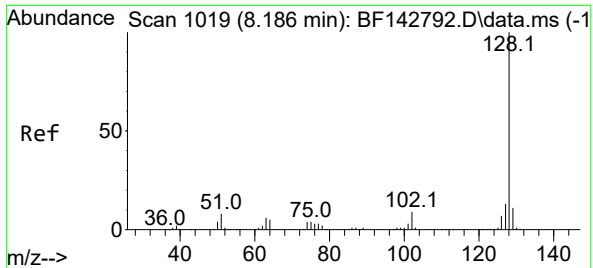
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 31.2 25.8 38.8





#31

Naphthalene

Concen: 42.829 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

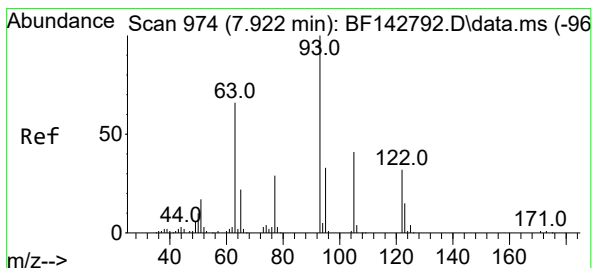
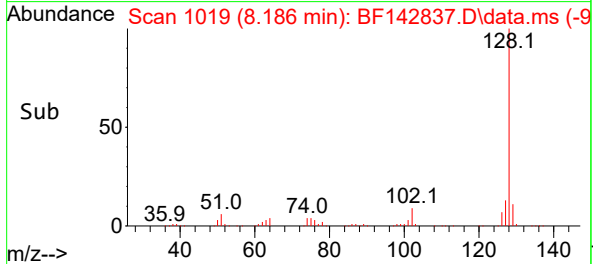
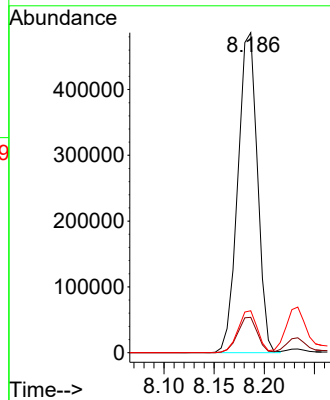
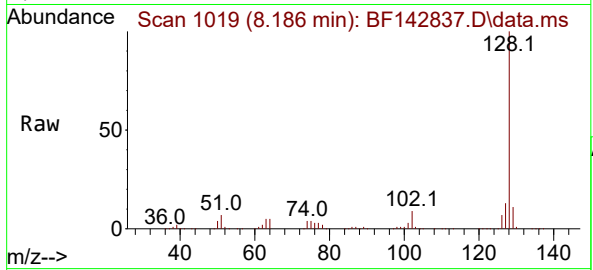
Tgt Ion:128 Resp: 660099

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.1 10.4 15.6



#32

Benzoic acid

Concen: 47.784 ng

RT: 7.933 min Scan# 976

Delta R.T. 0.012 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

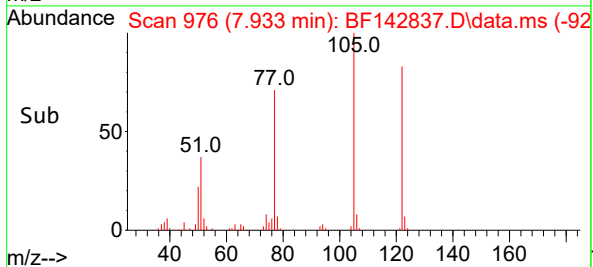
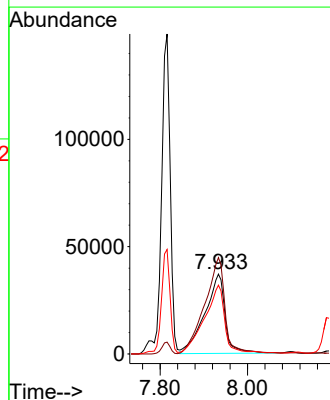
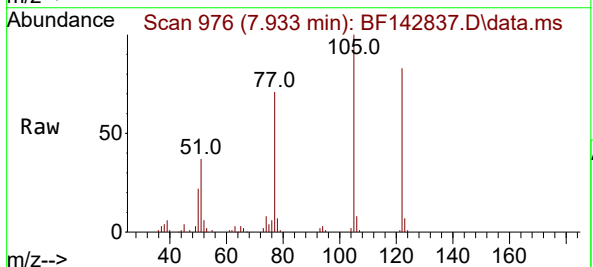
Tgt Ion:122 Resp: 119403

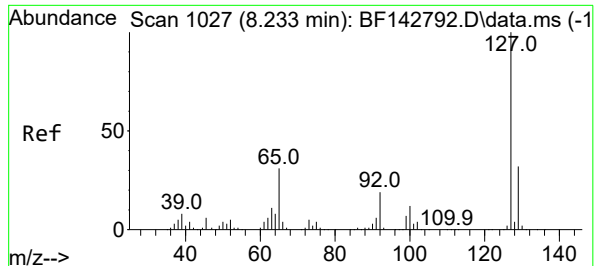
Ion Ratio Lower Upper

122 100

105 120.7 104.7 144.7

77 86.3 70.2 110.2





#33

4-Chloroaniline

Concen: 18.153 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

Tgt Ion:127 Resp: 113762

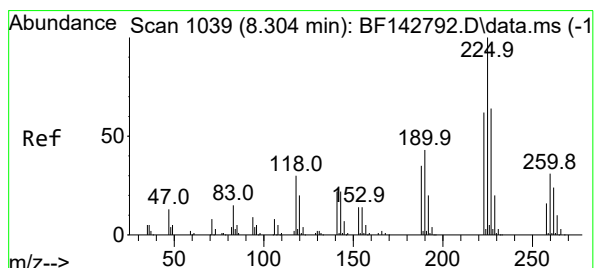
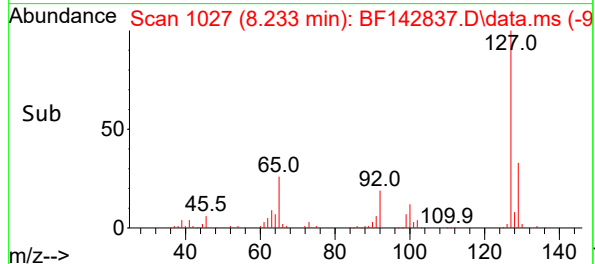
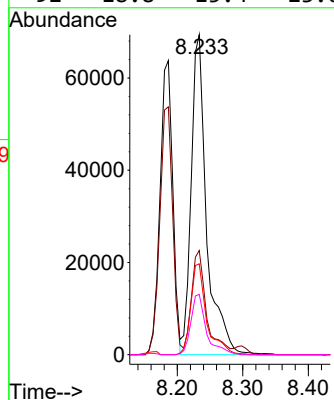
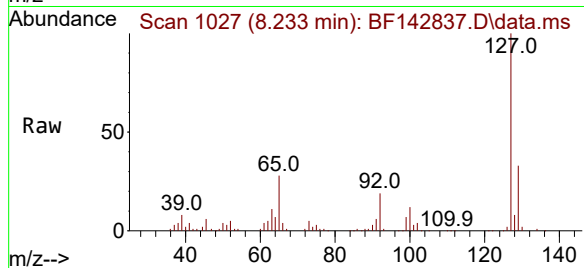
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 28.4 24.6 36.8

92 18.8 15.4 23.0



#34

Hexachlorobutadiene

Concen: 43.483 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

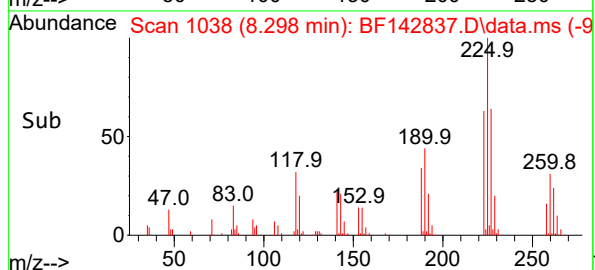
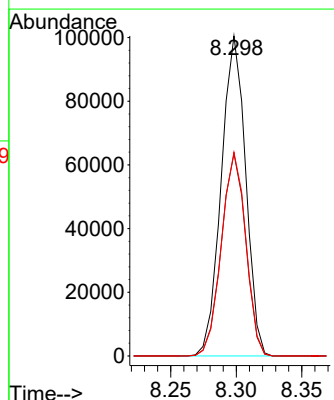
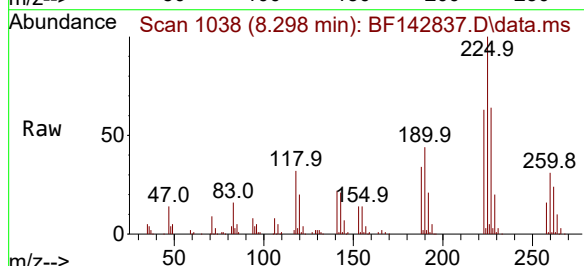
Tgt Ion:225 Resp: 130012

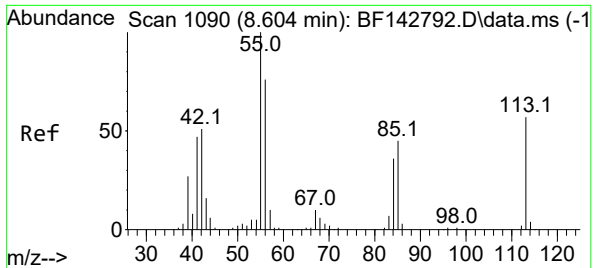
Ion Ratio Lower Upper

225 100

223 63.2 49.9 74.9

227 63.6 51.4 77.0

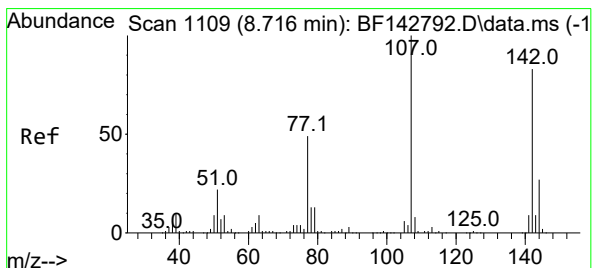
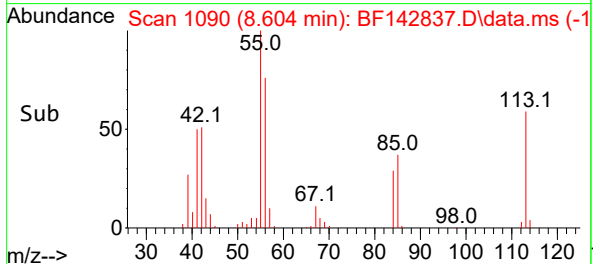
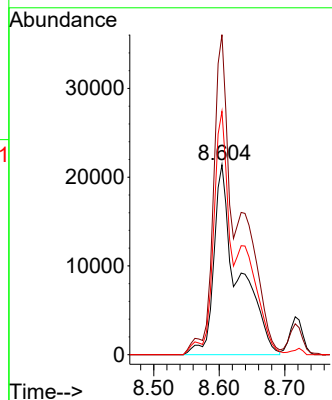
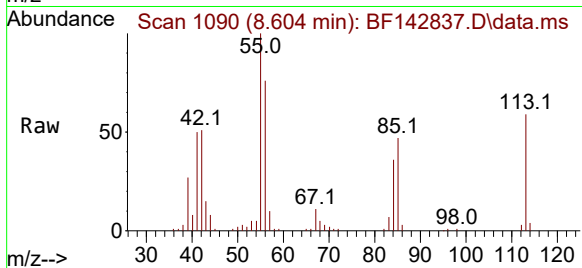




#35
Caprolactam
Concen: 47.449 ng m
RT: 8.604 min Scan# 1090
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

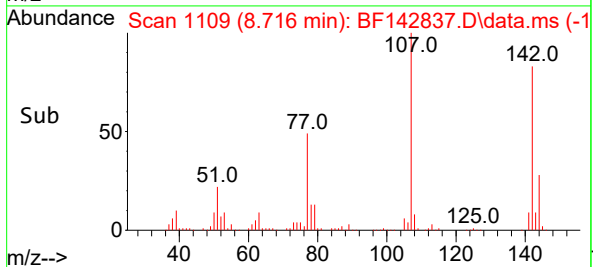
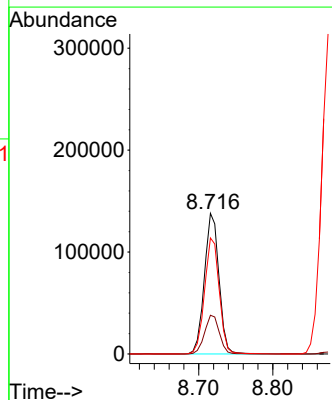
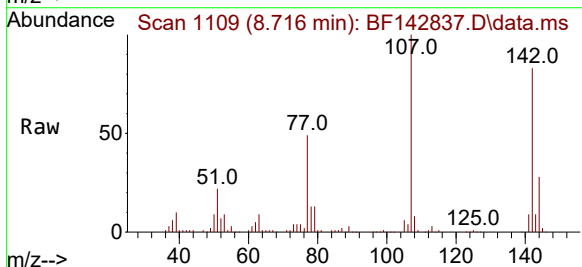
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

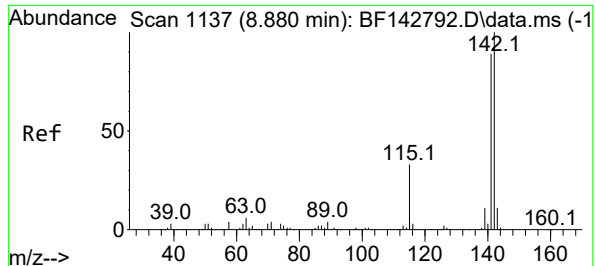
Tgt Ion:113 Resp: 55659
Ion Ratio Lower Upper
113 100
55 168.4 154.4 194.4
56 128.1 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 42.995 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:107 Resp: 189948
Ion Ratio Lower Upper
107 100
144 27.5 21.3 31.9
142 82.5 66.6 100.0

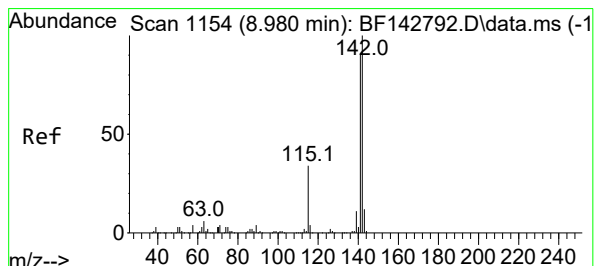
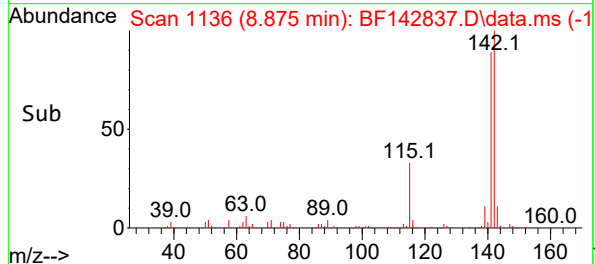
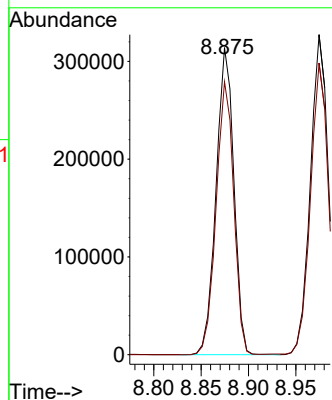
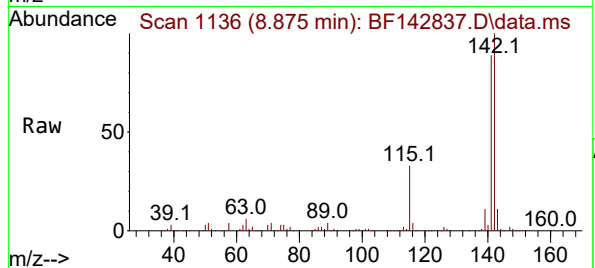




#37
2-Methylnaphthalene
Concen: 42.991 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

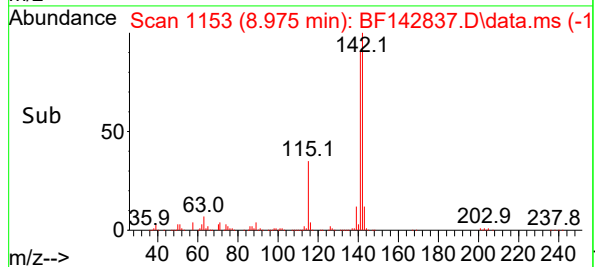
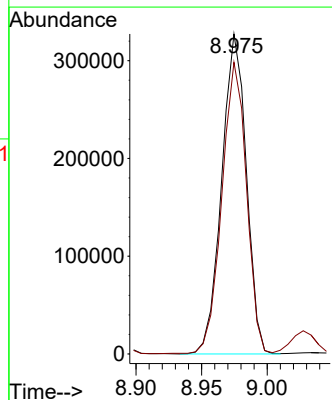
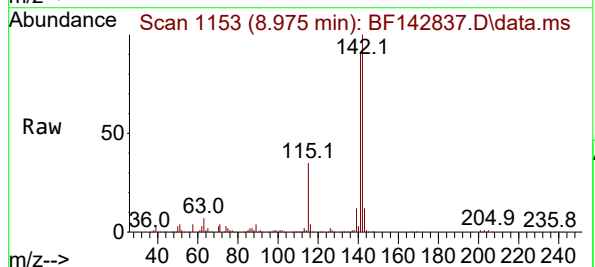
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

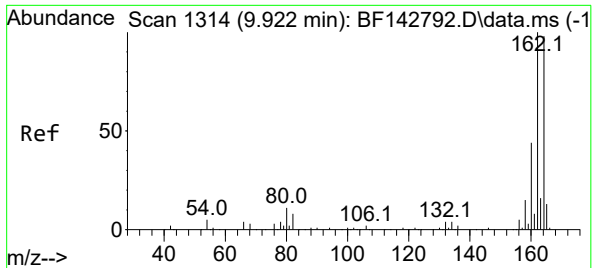
Tgt Ion:142 Resp: 410789
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#38
1-Methylnaphthalene
Concen: 43.203 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:142 Resp: 427339
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF142837.D

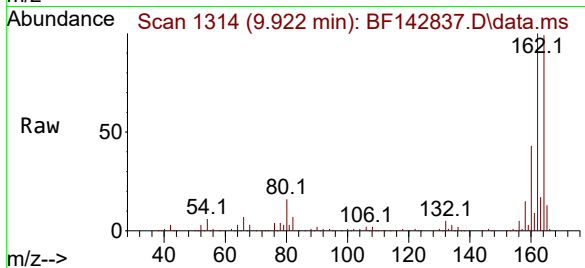
Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD



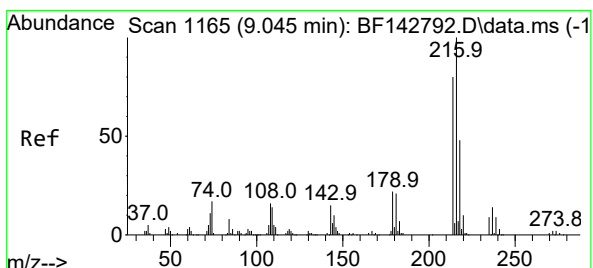
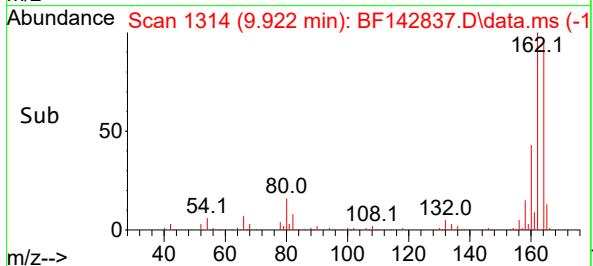
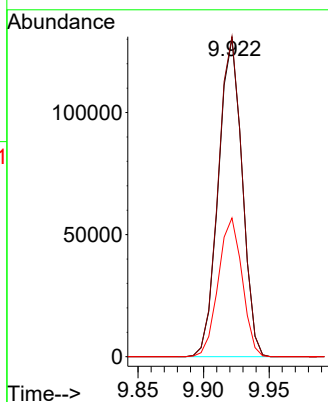
Tgt Ion:164 Resp: 163617

Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.8

160 43.6 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.664 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Tgt Ion:216 Resp: 210803

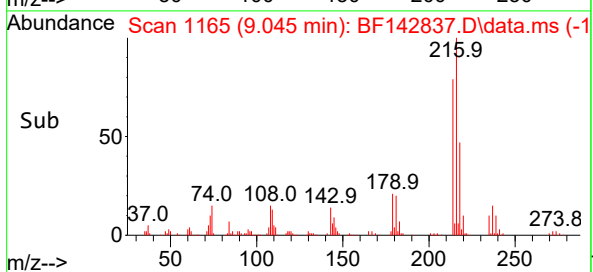
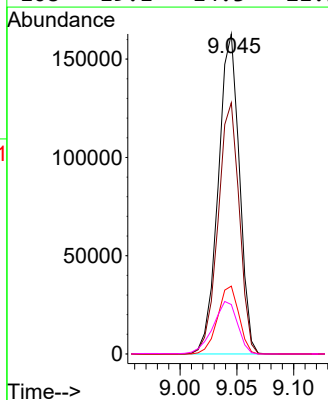
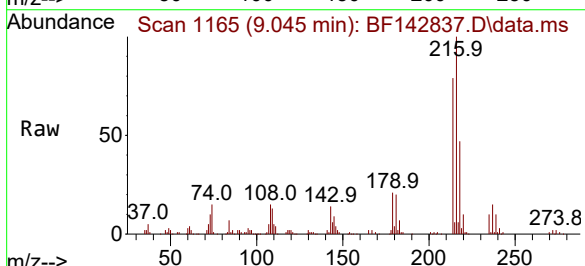
Ion Ratio Lower Upper

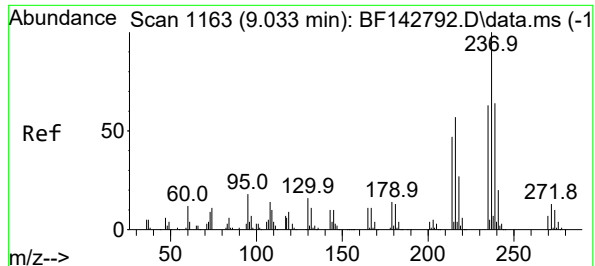
216 100

214 78.6 63.7 95.5

179 21.4 17.6 26.4

108 19.1 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 92.441 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

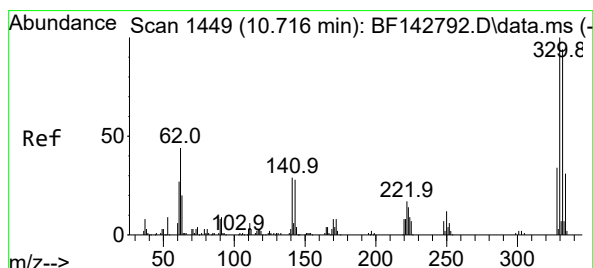
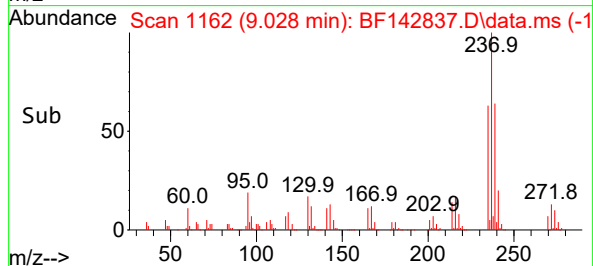
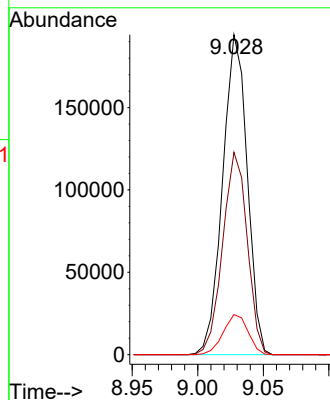
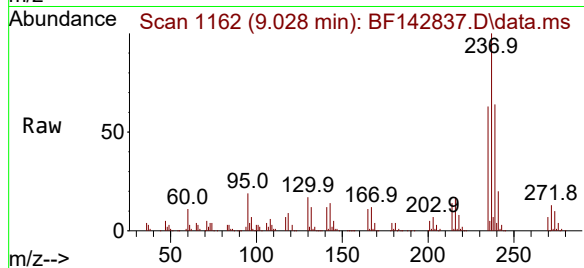
Tgt Ion:237 Resp: 253259

Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

272 12.6 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 118.810 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

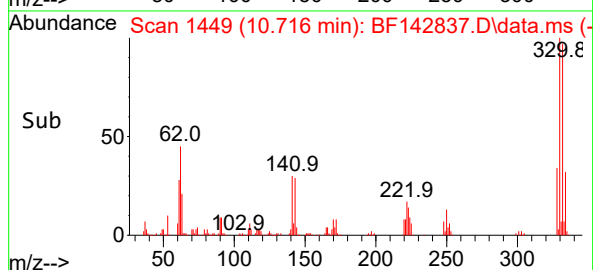
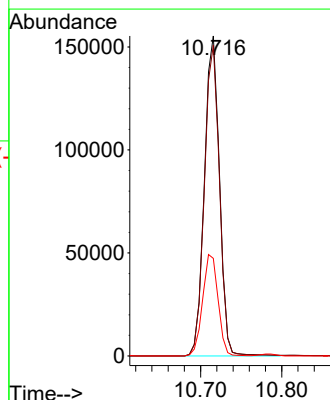
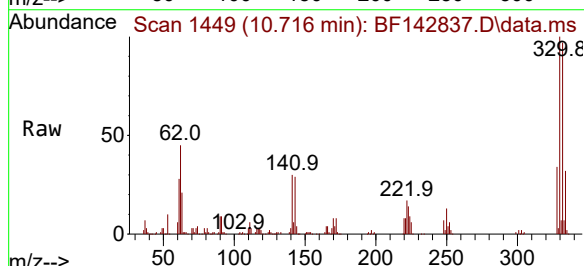
Tgt Ion:330 Resp: 200044

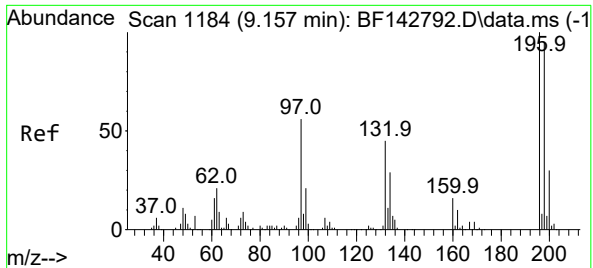
Ion Ratio Lower Upper

330 100

332 97.2 75.0 112.6

141 32.6 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 42.382 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

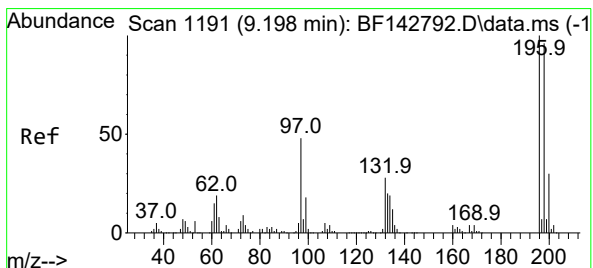
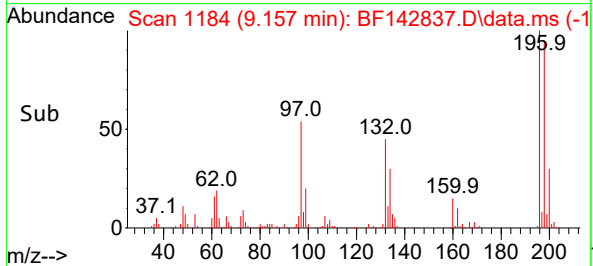
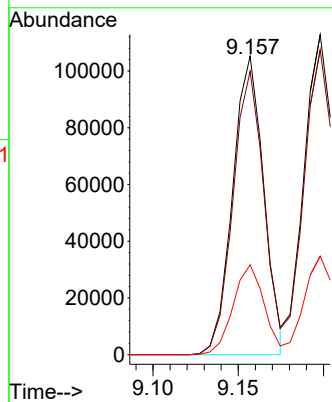
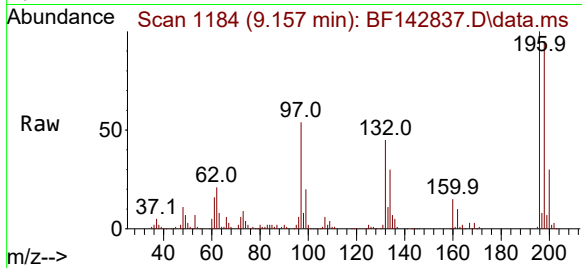
Tgt Ion:196 Resp: 133329

Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.2

200 30.1 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 43.356 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Tgt Ion:196 Resp: 143578

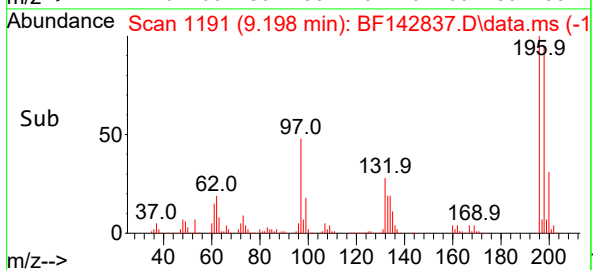
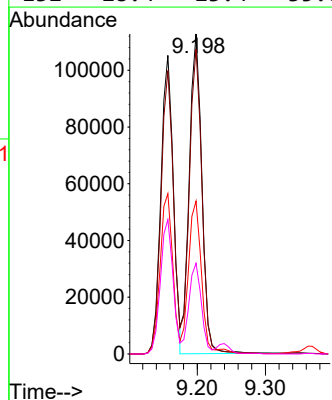
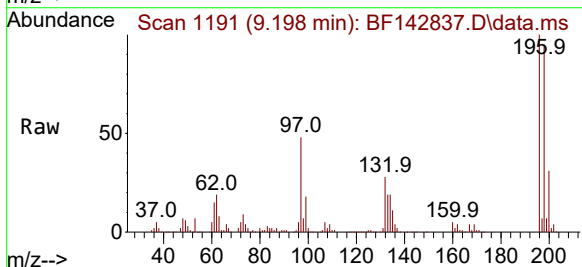
Ion Ratio Lower Upper

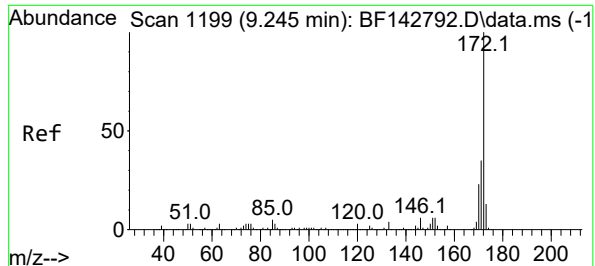
196 100

198 95.3 76.6 115.0

97 47.8 38.2 57.2

132 28.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 73.304 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

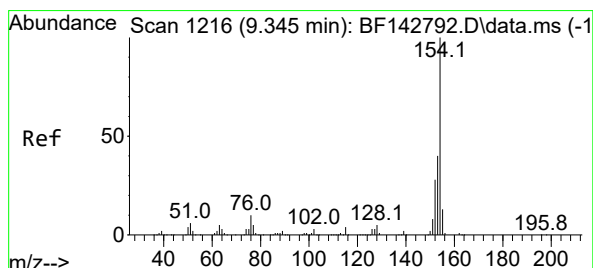
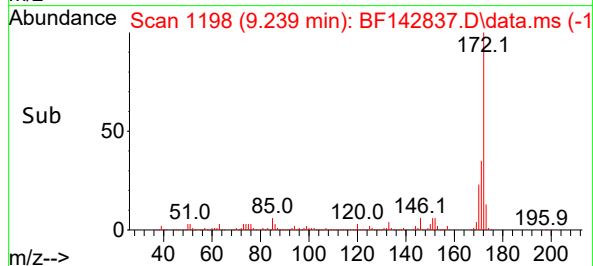
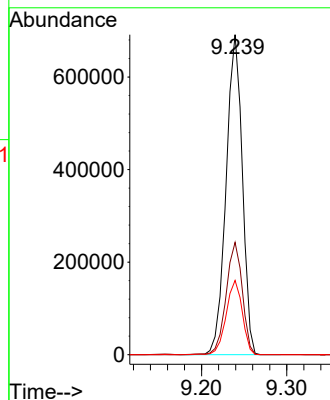
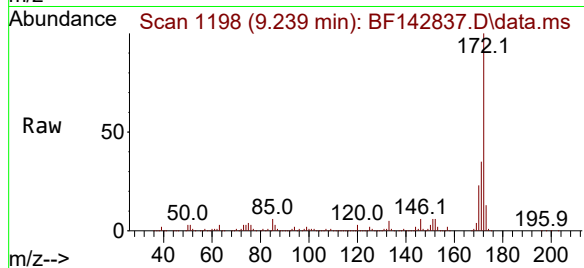
Tgt Ion:172 Resp: 913001

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.2 18.5 27.7



#46

1,1'-Biphenyl

Concen: 43.391 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

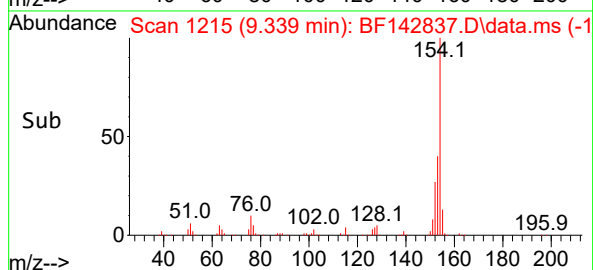
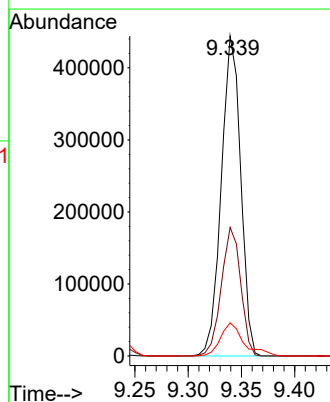
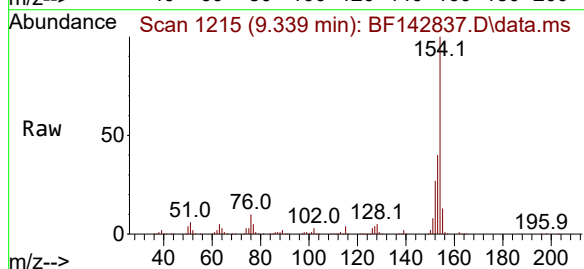
Tgt Ion:154 Resp: 560823

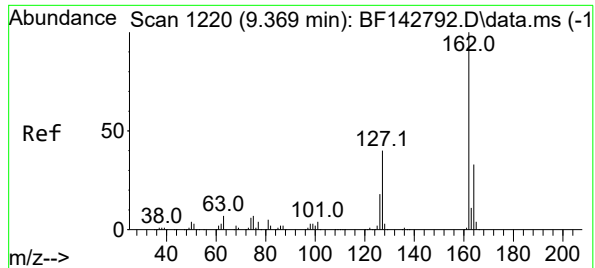
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 10.4 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.472 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

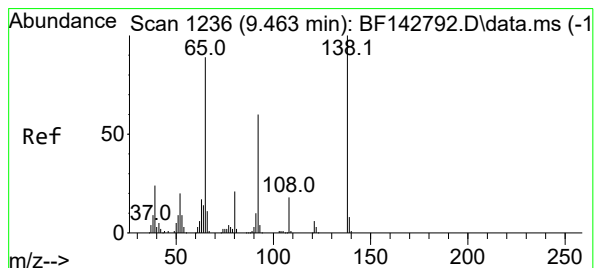
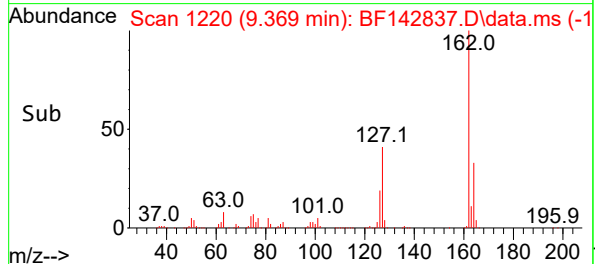
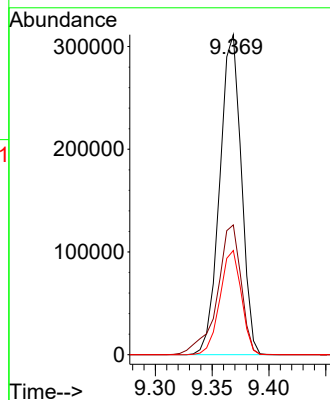
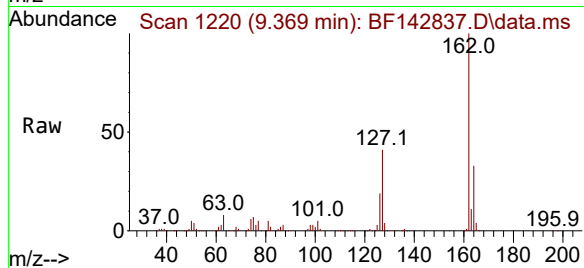
Tgt Ion:162 Resp: 411944

Ion Ratio Lower Upper

162 100

127 40.6 32.2 48.2

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 43.258 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

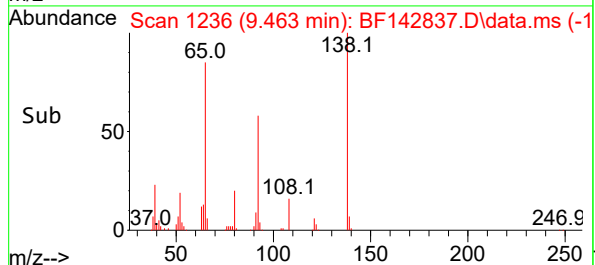
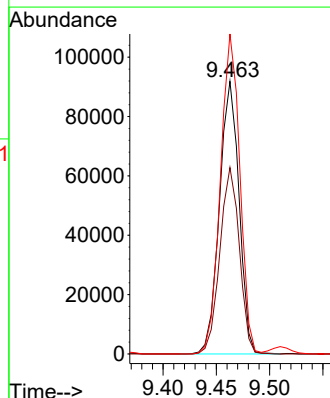
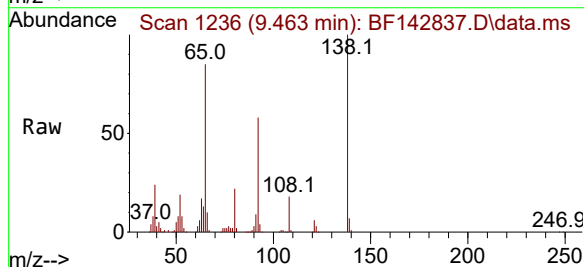
Tgt Ion: 65 Resp: 117627

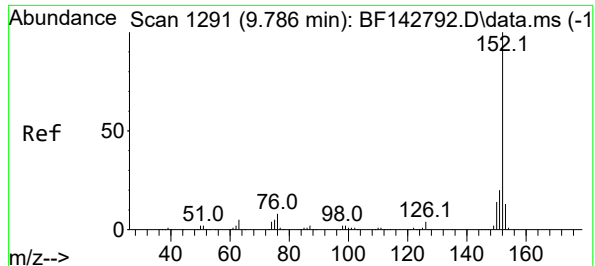
Ion Ratio Lower Upper

65 100

92 68.4 53.8 80.6

138 117.4 89.6 134.4





#49

Acenaphthylene

Concen: 42.563 ng

RT: 9.780 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

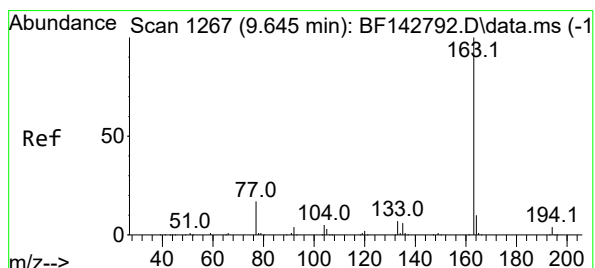
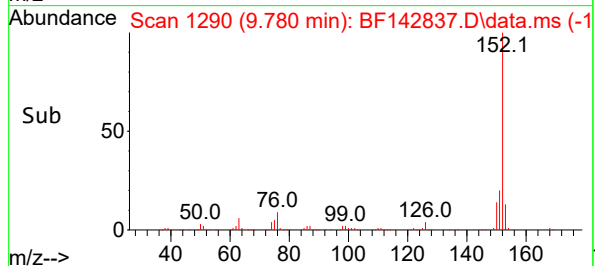
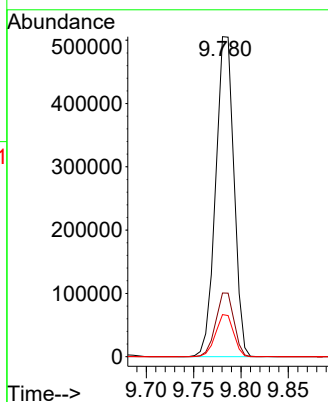
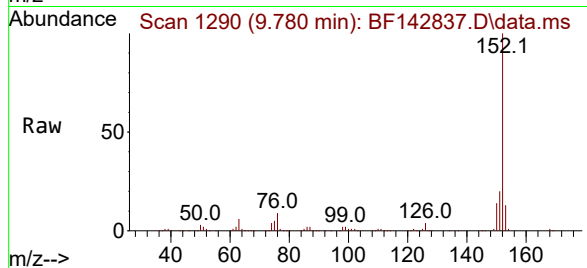
Tgt Ion:152 Resp: 679599

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 44.348 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

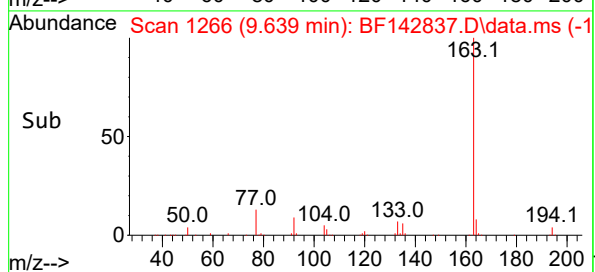
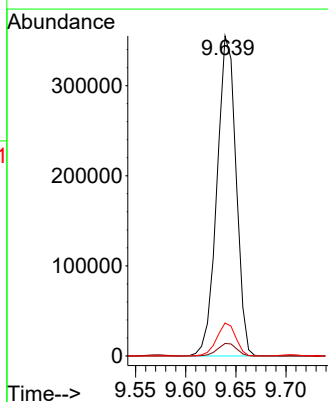
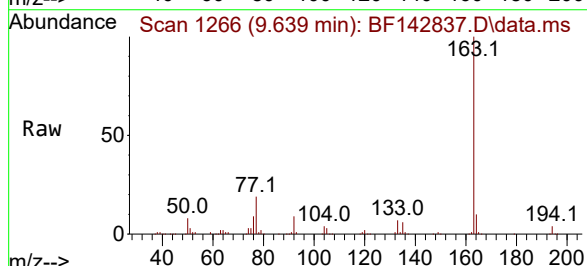
Tgt Ion:163 Resp: 469688

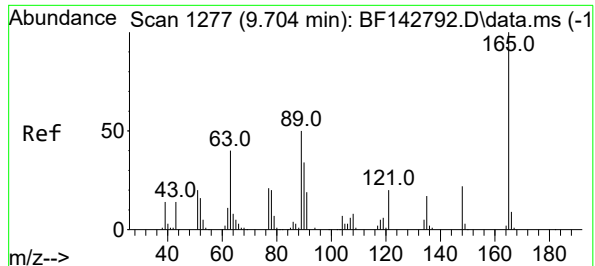
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 44.433 ng

RT: 9.704 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

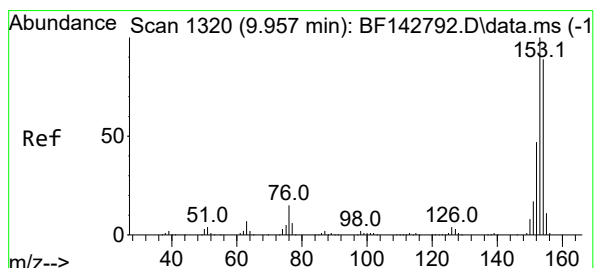
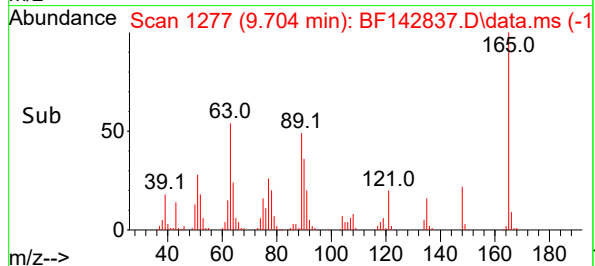
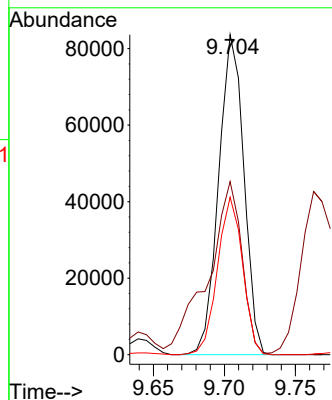
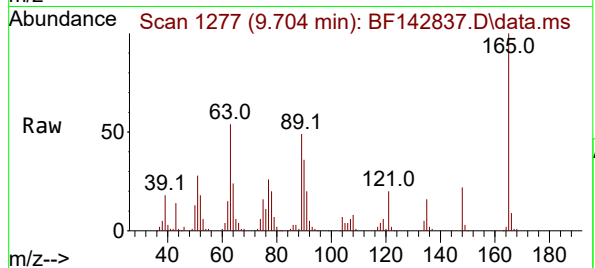
Tgt Ion:165 Resp: 103346

Ion Ratio Lower Upper

165 100

63 54.1 44.2 66.4

89 49.2 39.8 59.8



#52

Acenaphthene

Concen: 47.098 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

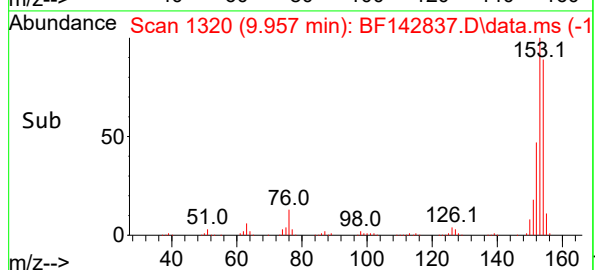
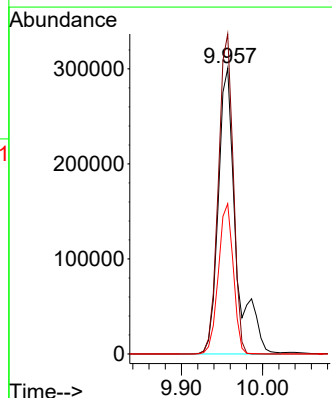
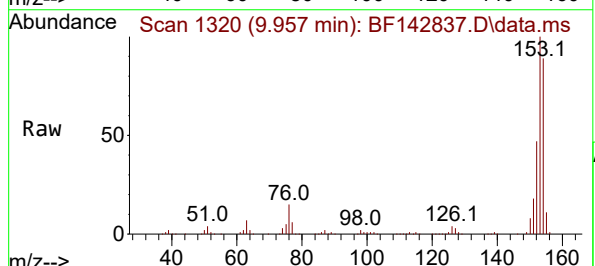
Tgt Ion:154 Resp: 458819

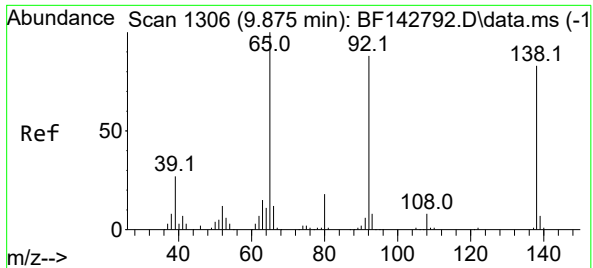
Ion Ratio Lower Upper

154 100

153 112.0 90.0 135.0

152 52.6 41.9 62.9

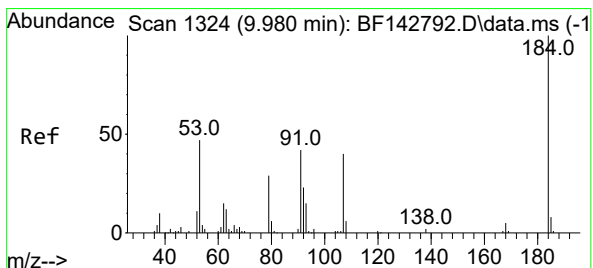
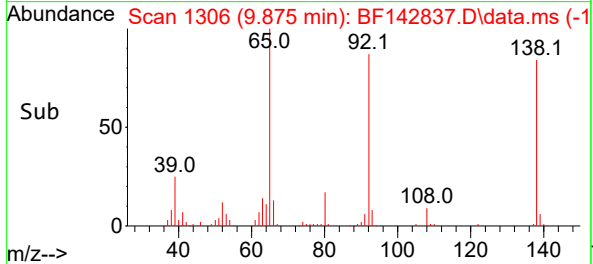
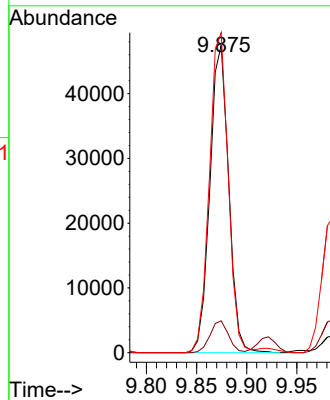
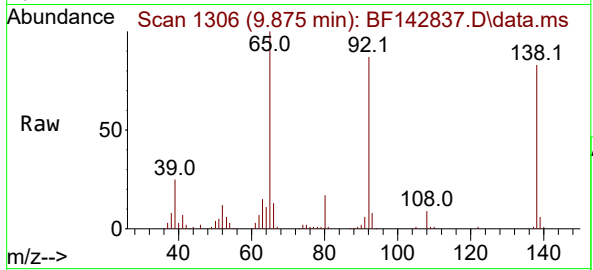




#53
3-Nitroaniline
Concen: 24.211 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

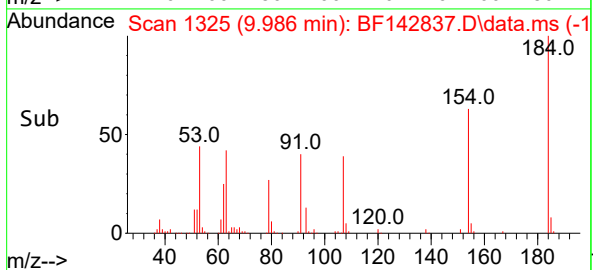
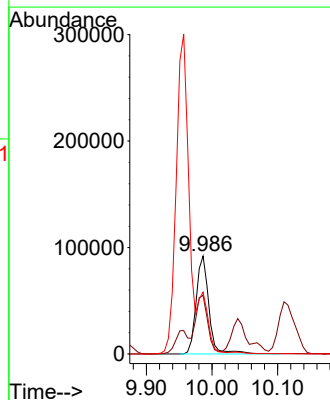
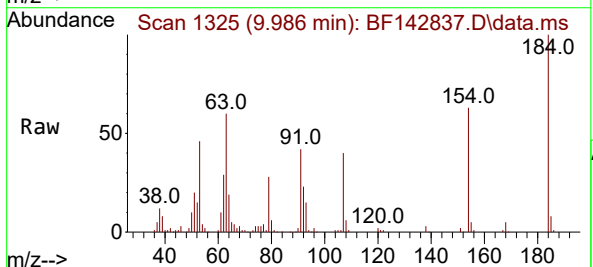
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

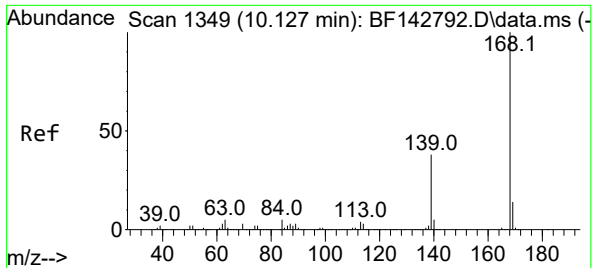
Tgt Ion:138 Resp: 62001
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 104.1 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 107.193 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:184 Resp: 124838
Ion Ratio Lower Upper
184 100
63 59.8 50.6 75.8
154 63.1 51.8 77.8

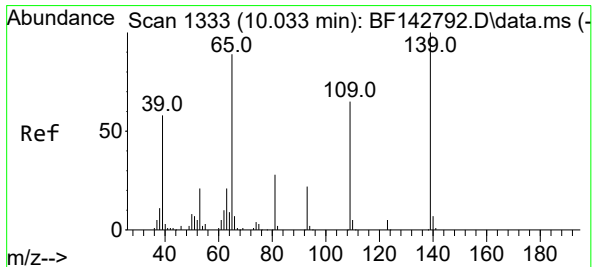
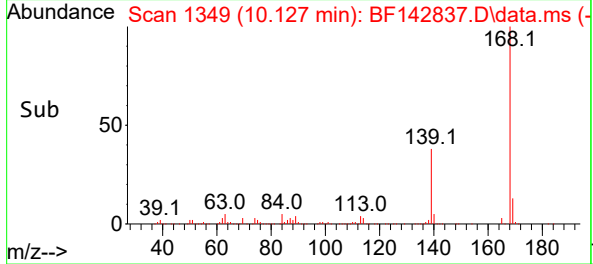
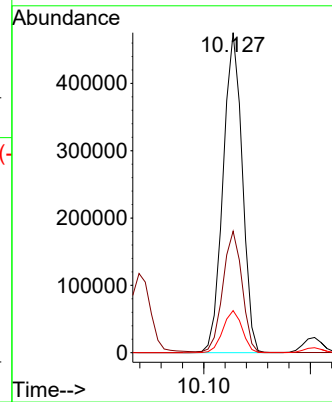
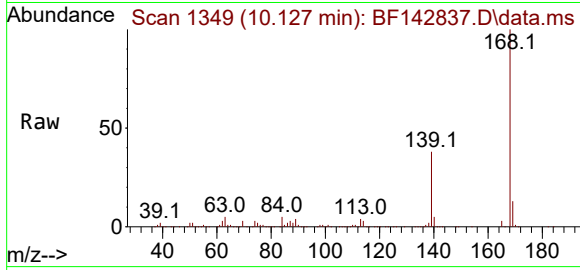




#55
Dibenzofuran
Concen: 42.471 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

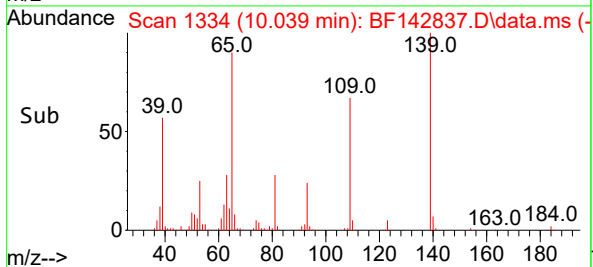
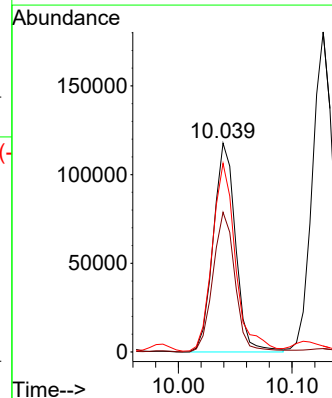
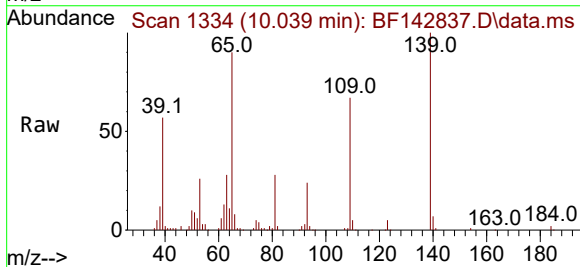
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

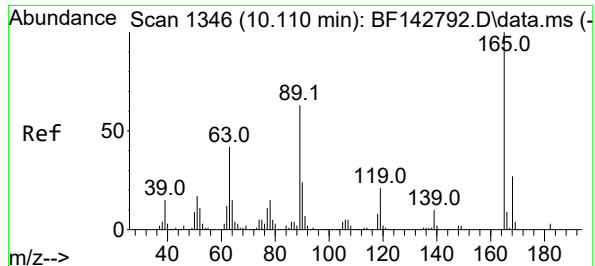
Tgt Ion:168 Resp: 593301
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 91.637 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:139 Resp: 160652
Ion Ratio Lower Upper
139 100
109 66.9 44.7 84.7
65 90.3 69.8 109.8

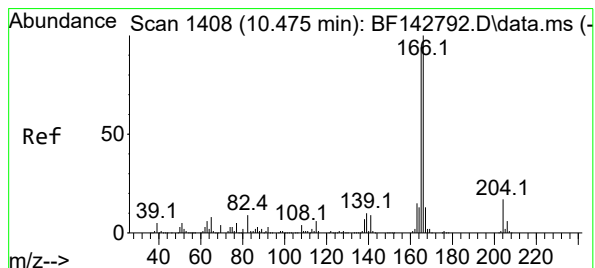
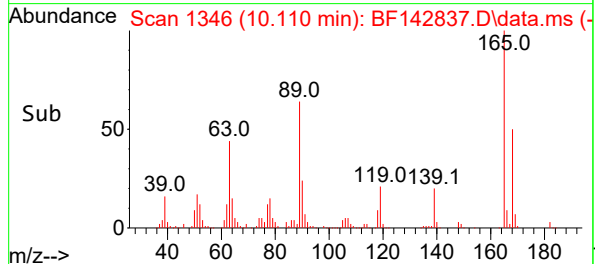
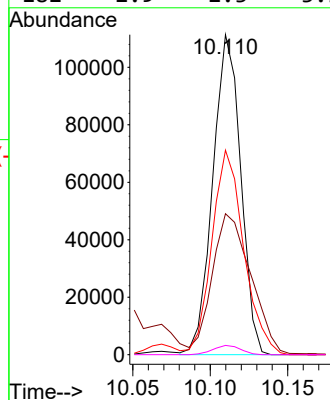
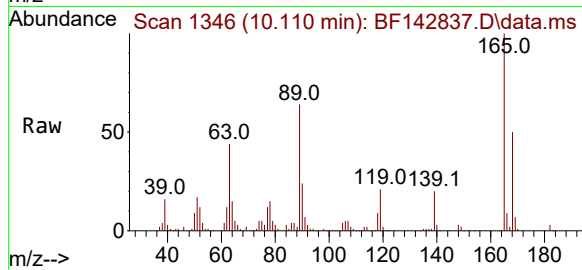




#57
2,4-Dinitrotoluene
Concen: 45.092 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

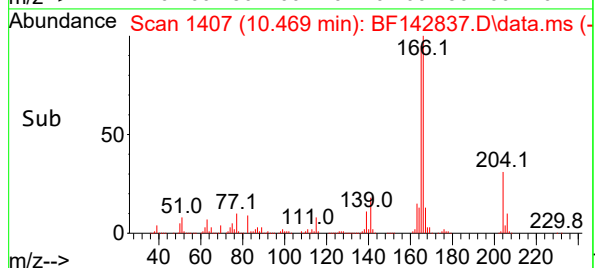
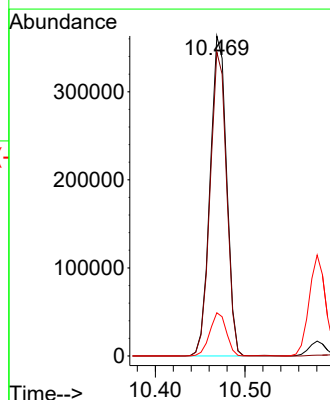
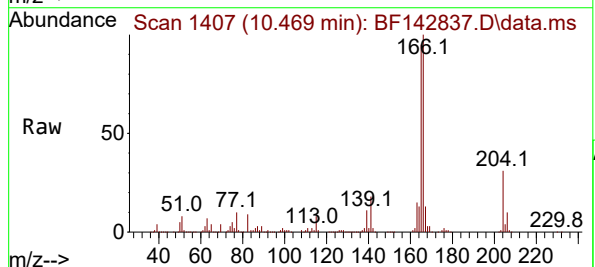
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

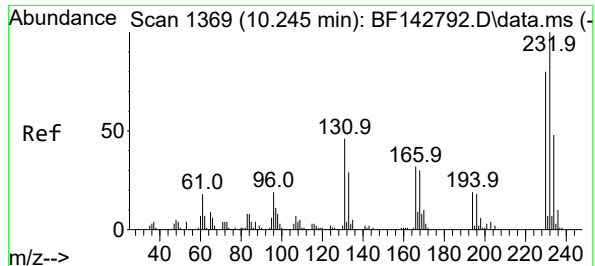
Tgt Ion:165 Resp: 139310
Ion Ratio Lower Upper
165 100
63 44.1 33.9 50.9
89 63.9 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 42.569 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:166 Resp: 464422
Ion Ratio Lower Upper
166 100
165 94.9 75.2 112.8
167 13.5 10.6 15.8

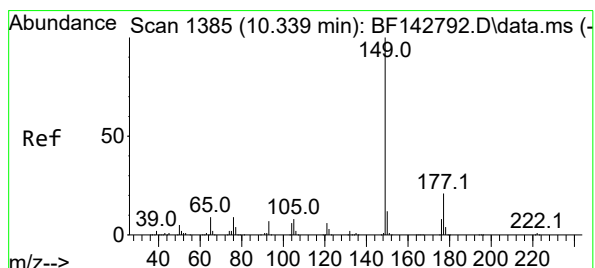
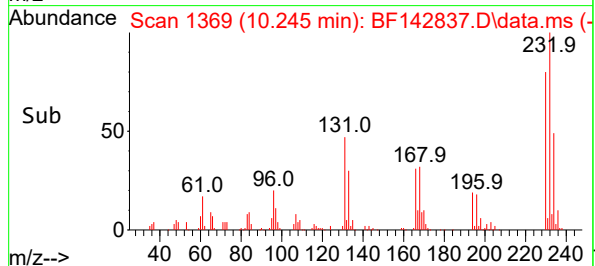
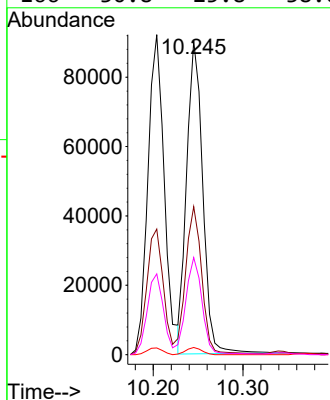
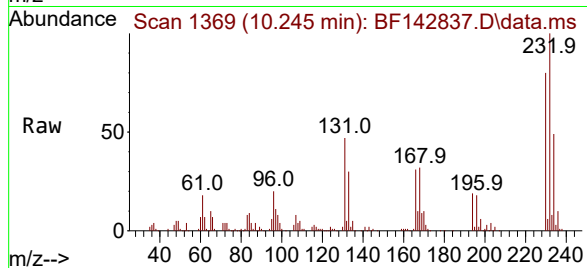




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.135 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

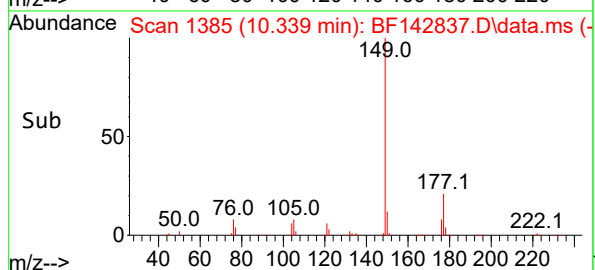
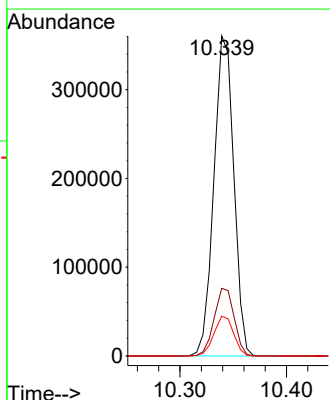
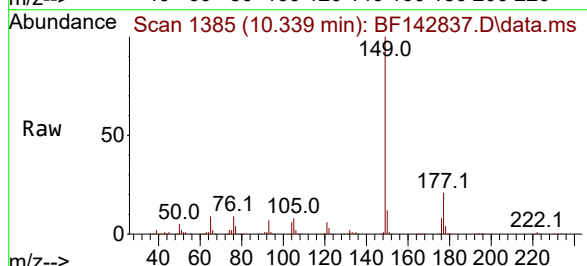
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

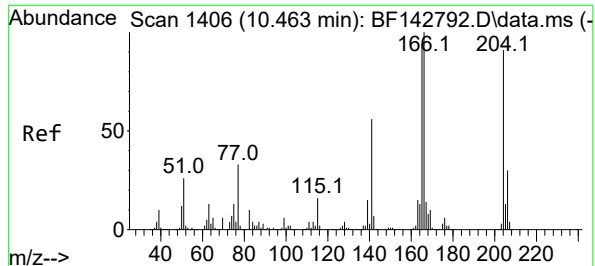
Tgt Ion:232 Resp: 112475
Ion Ratio Lower Upper
232 100
131 48.0 37.6 56.4
130 2.3 1.7 2.5
166 30.8 25.8 38.6



#60
Diethylphthalate
Concen: 45.030 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:149 Resp: 467604
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.4 9.8 14.6

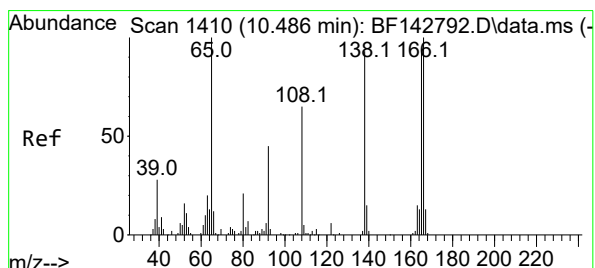
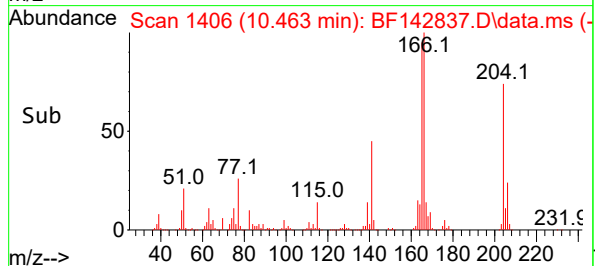
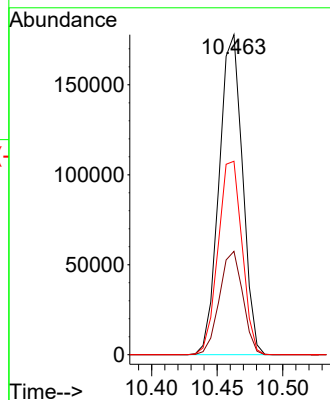
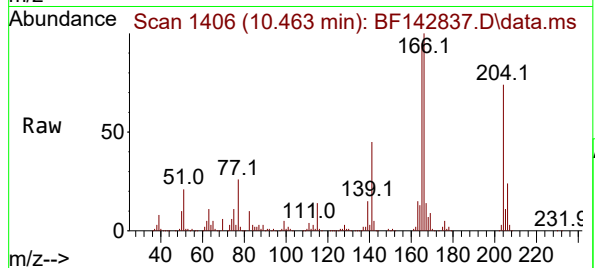




#61
4-Chlorophenyl-phenylether
Concen: 42.444 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

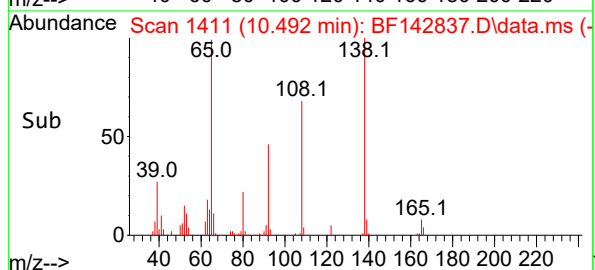
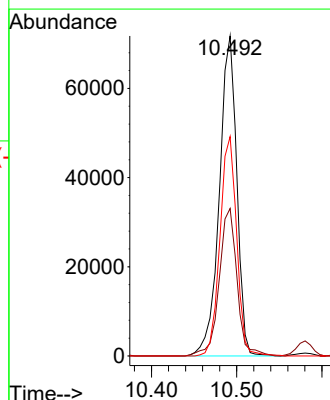
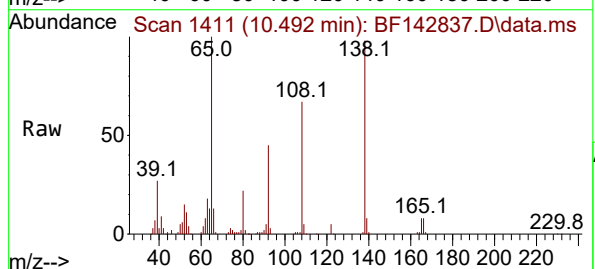
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

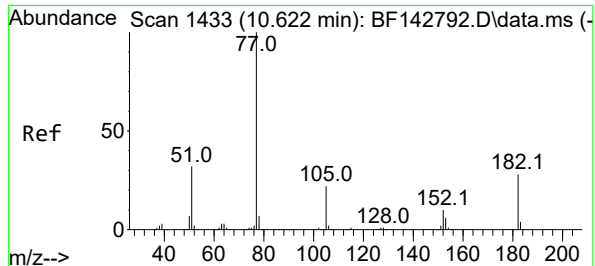
Tgt Ion:204 Resp: 220965
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 60.5 49.1 73.7



#62
4-Nitroaniline
Concen: 43.603 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:138 Resp: 102121
Ion Ratio Lower Upper
138 100
92 46.1 28.4 68.4
108 68.6 50.2 90.2





#63

Azobenzene

Concen: 42.971 ng

RT: 10.622 min Scan# 1433

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

Tgt Ion: 77 Resp: 398817

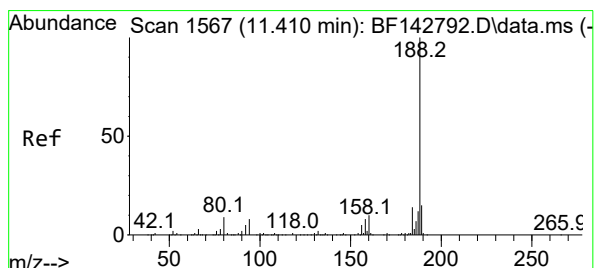
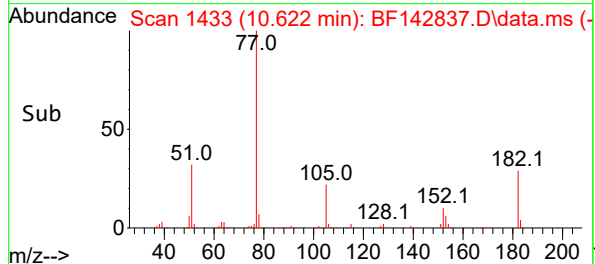
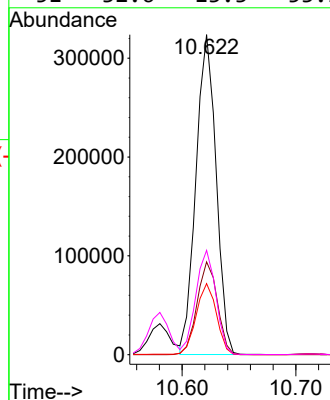
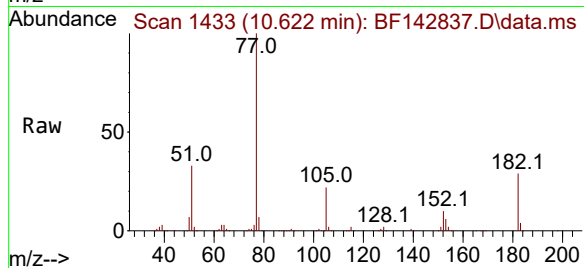
Ion Ratio Lower Upper

77 100

182 29.0 7.7 47.7

105 22.2 1.9 41.9

51 32.6 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

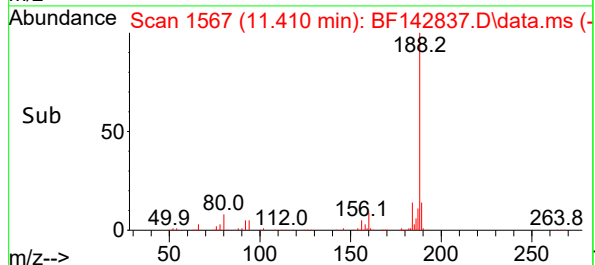
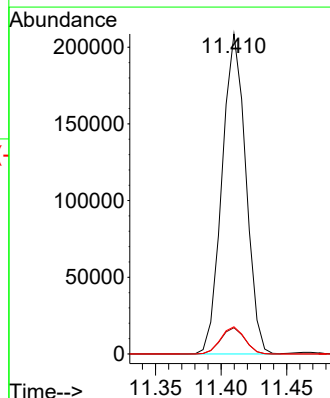
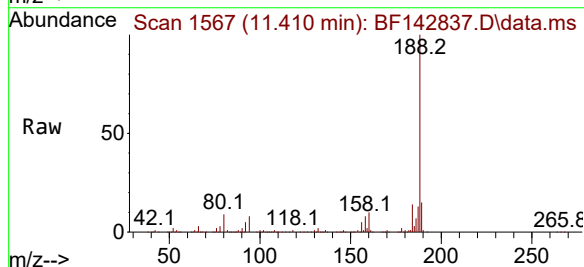
Tgt Ion: 188 Resp: 262901

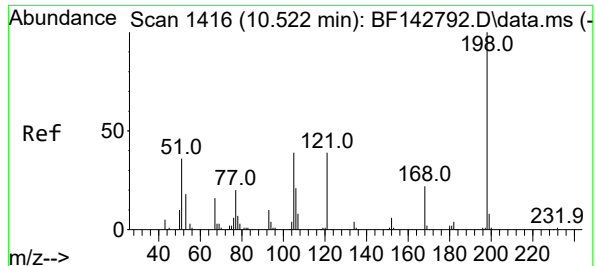
Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 8.5 6.9 10.3

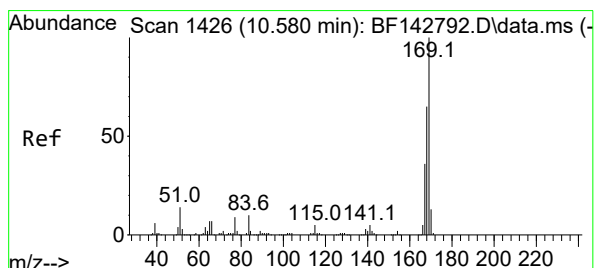
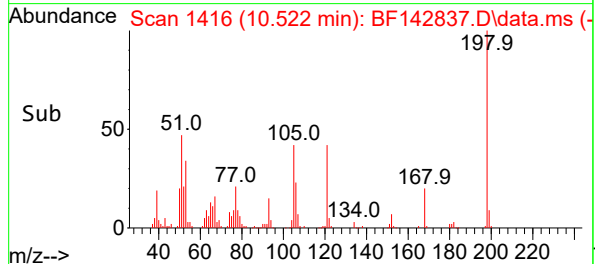
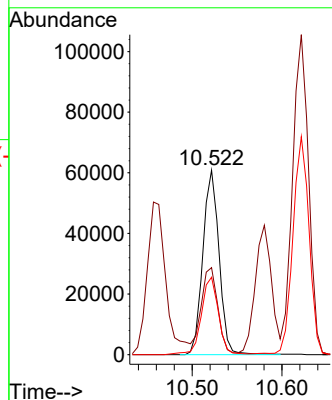
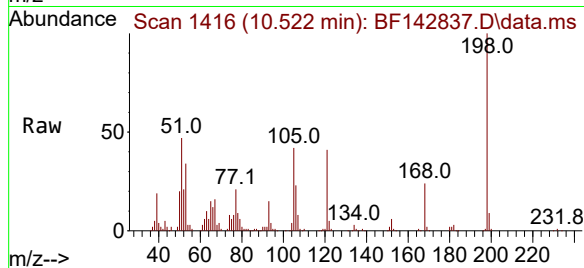




#65
4,6-Dinitro-2-methylphenol
Concen: 48.062 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

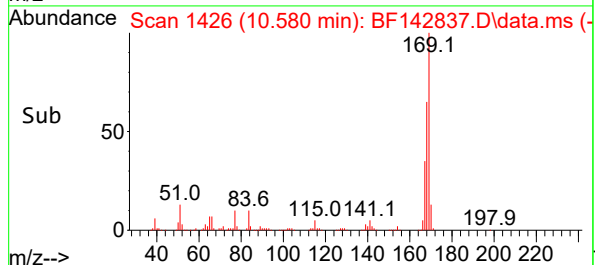
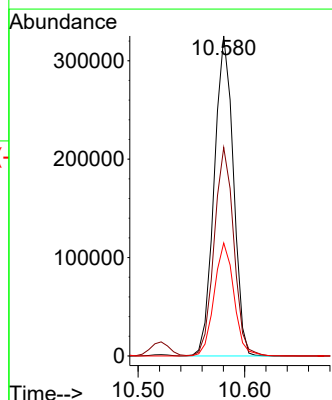
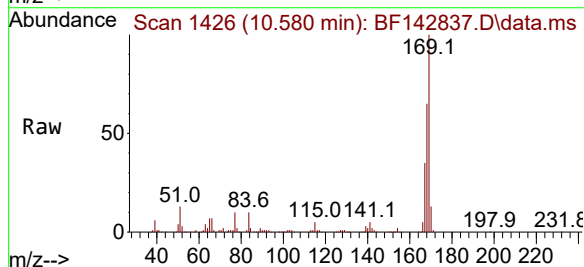
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

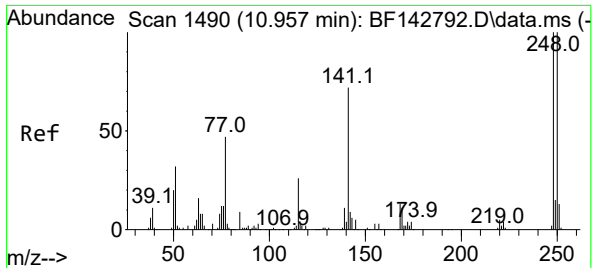
Tgt Ion:198 Resp: 76429
Ion Ratio Lower Upper
198 100
51 47.2 25.4 65.4
105 41.9 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 44.444 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:169 Resp: 404954
Ion Ratio Lower Upper
169 100
168 65.2 51.9 77.9
167 35.3 28.5 42.7

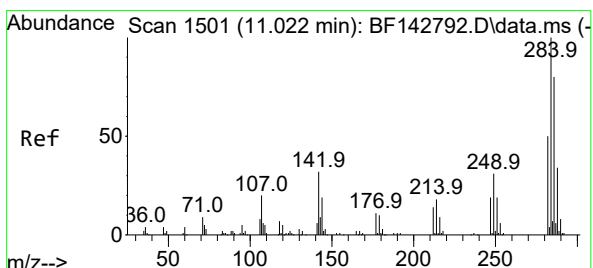
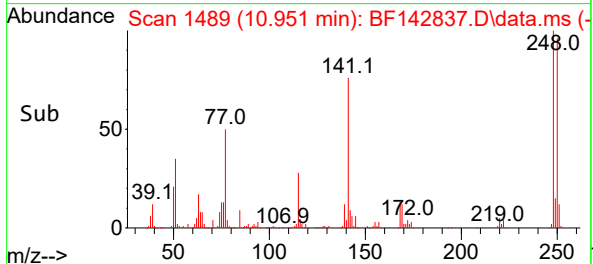
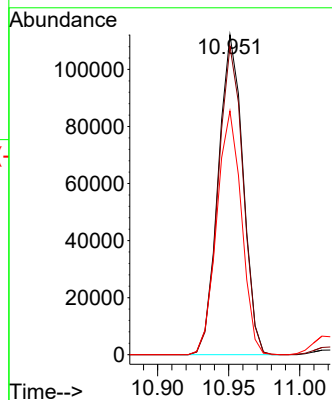
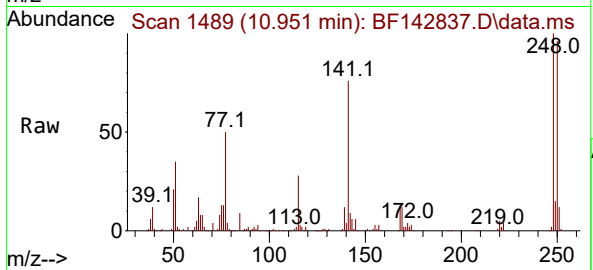




#67
4-Bromophenyl-phenylether
Concen: 45.436 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

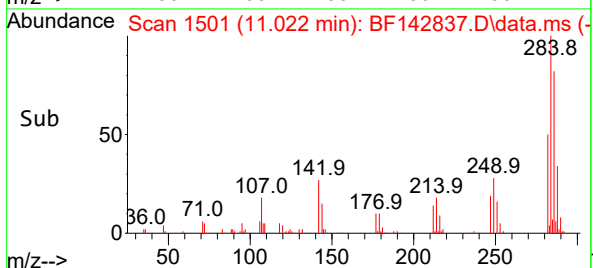
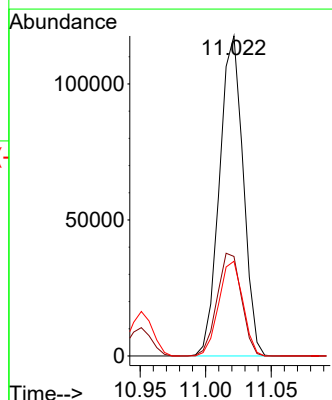
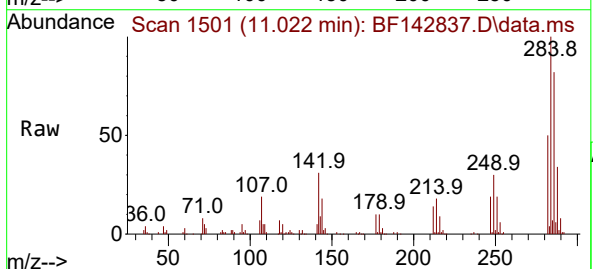
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

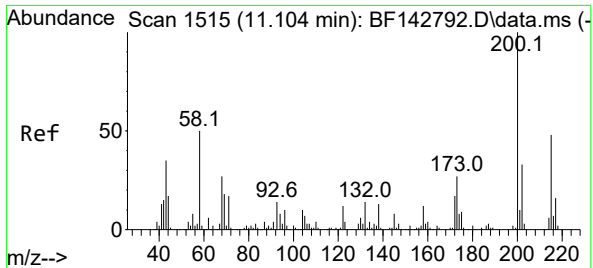
Tgt Ion:248 Resp: 135948
Ion Ratio Lower Upper
248 100
250 96.4 79.8 119.8
141 76.1 57.8 86.6



#68
Hexachlorobenzene
Concen: 44.386 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:284 Resp: 147569
Ion Ratio Lower Upper
284 100
142 31.1 25.5 38.3
249 29.6 24.9 37.3





#69

Atrazine

Concen: 51.389 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

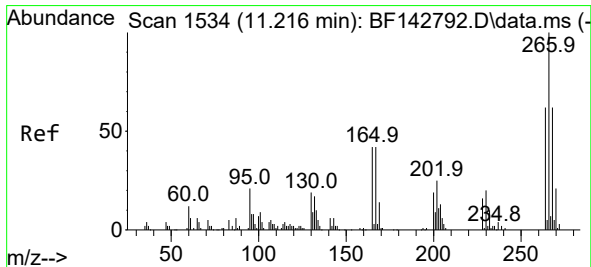
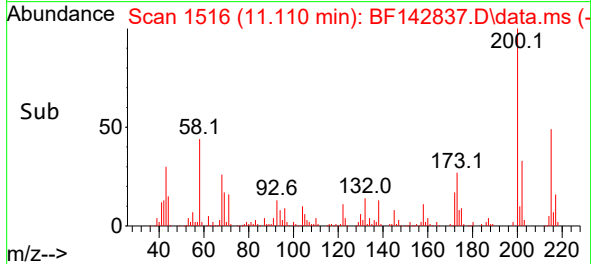
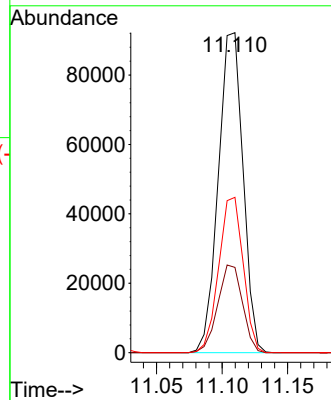
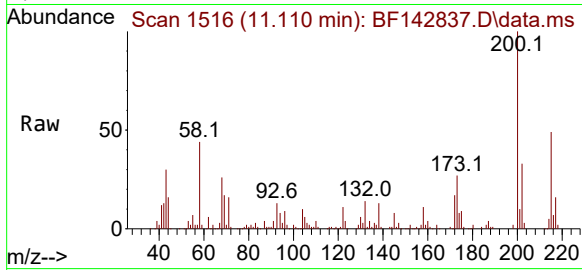
Tgt Ion:200 Resp: 120913

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

215 48.6 28.4 68.4



#70

Pentachlorophenol

Concen: 94.172 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

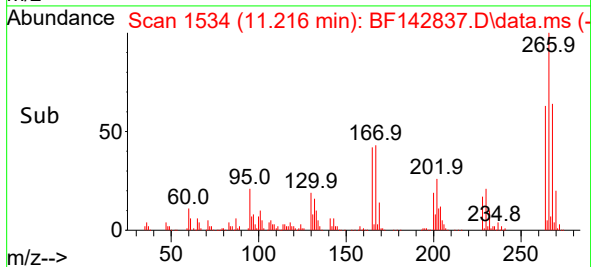
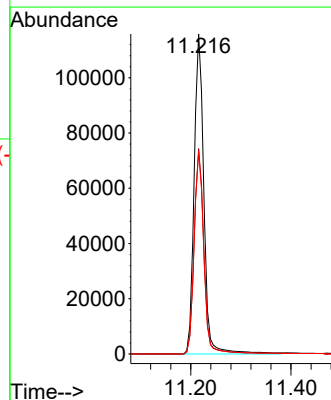
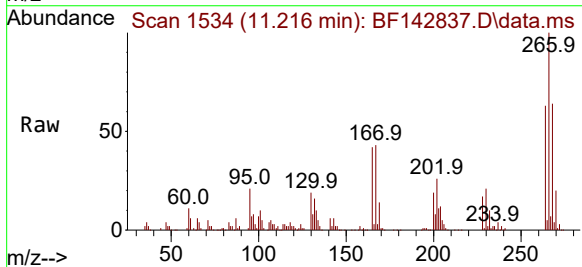
Tgt Ion:266 Resp: 156013

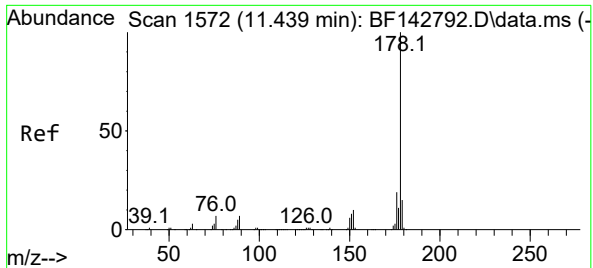
Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.8

264 63.3 49.9 74.9

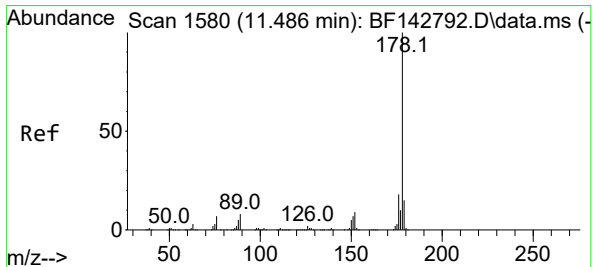
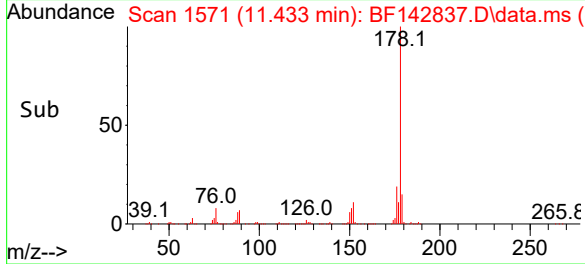
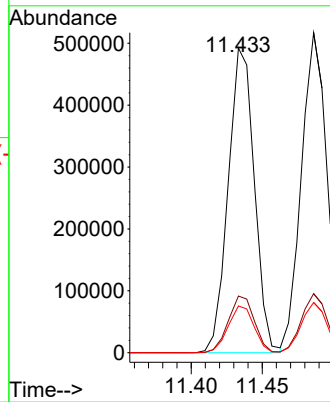
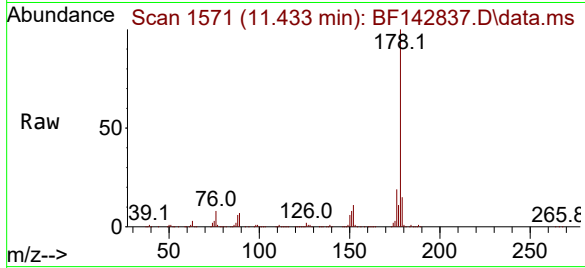




#71
Phenanthrene
Concen: 44.262 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

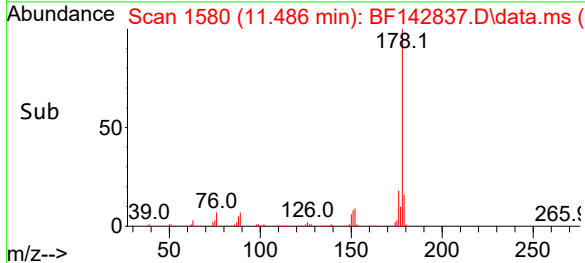
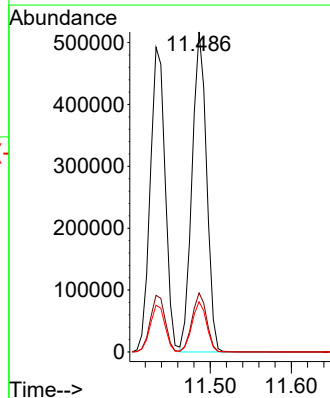
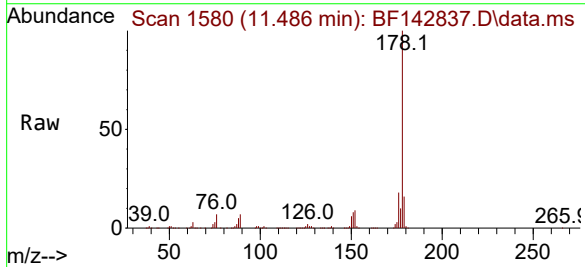
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

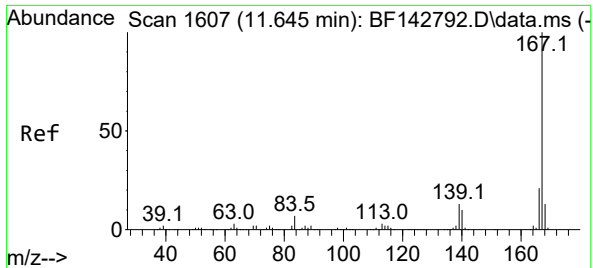
Tgt Ion:178 Resp: 630354
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 44.167 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

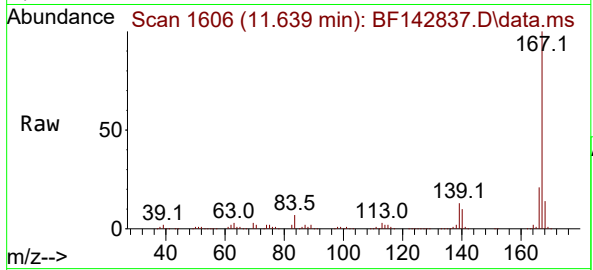
Tgt Ion:178 Resp: 645095
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.7 12.4 18.6



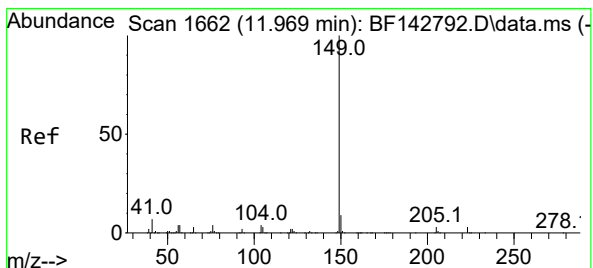
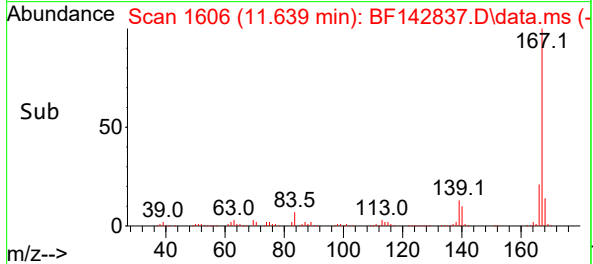
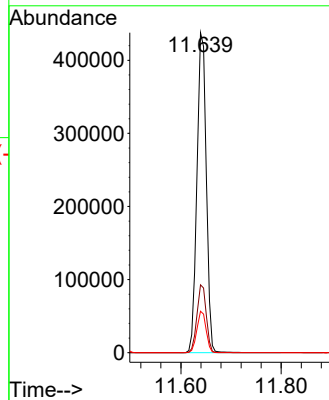


#73
Carbazole
Concen: 44.871 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

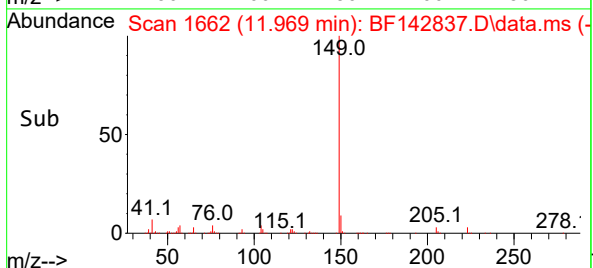
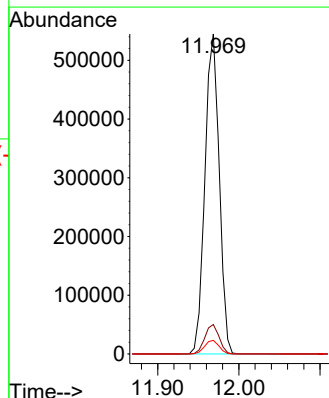
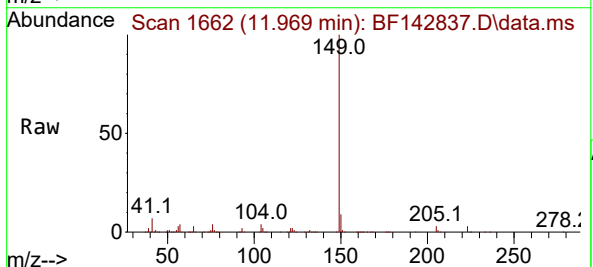


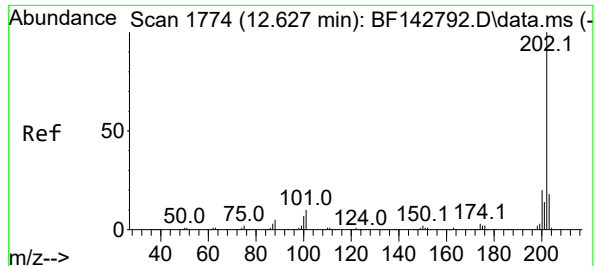
Tgt Ion:167 Resp: 565561
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 13.0 10.2 15.2



#74
Di-n-butylphthalate
Concen: 50.615 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:149 Resp: 664599
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.3 3.5 5.3

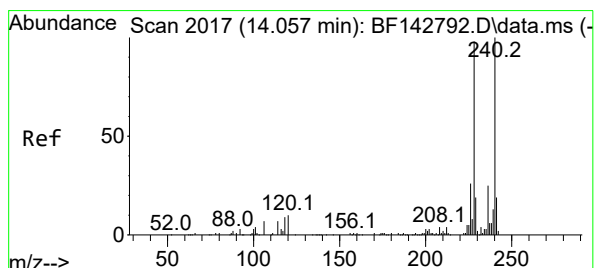
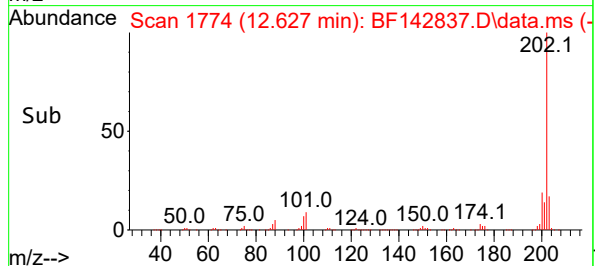
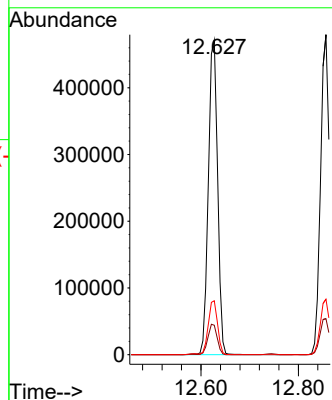
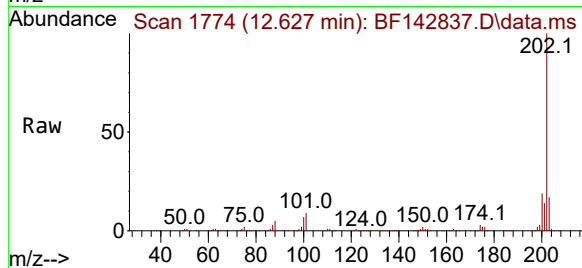




#75
Fluoranthene
Concen: 45.824 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

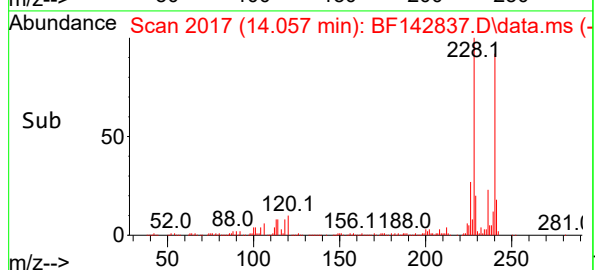
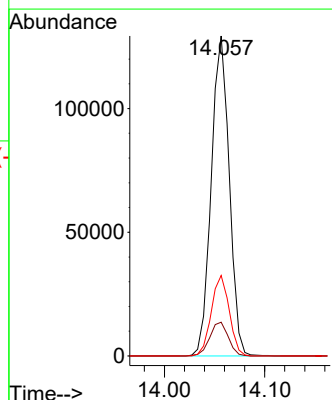
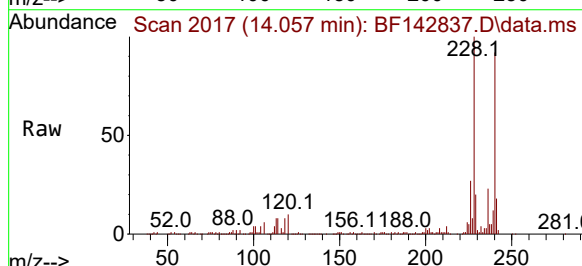
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

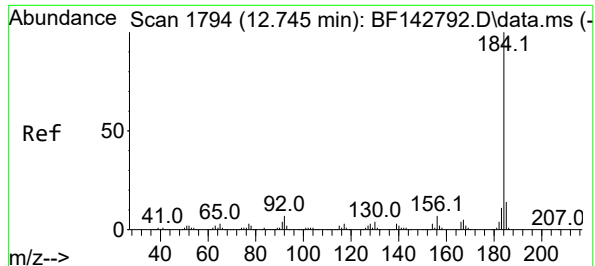
Tgt Ion:202 Resp: 619349
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:240 Resp: 161274
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 40.707 ng

RT: 12.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

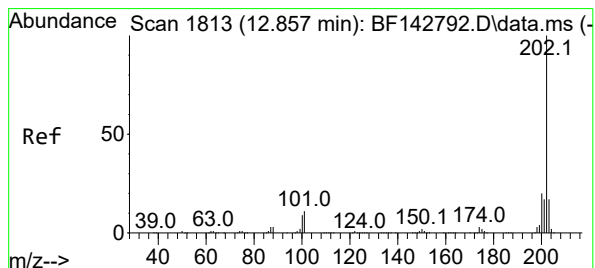
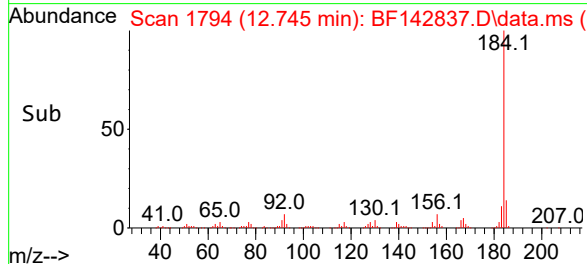
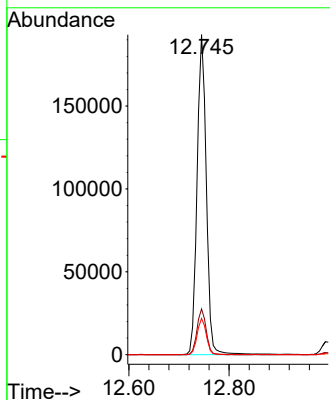
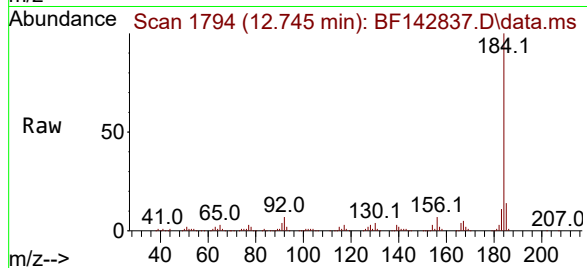
Tgt Ion:184 Resp: 246655

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.3 9.0 13.4



#78

Pyrene

Concen: 40.351 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

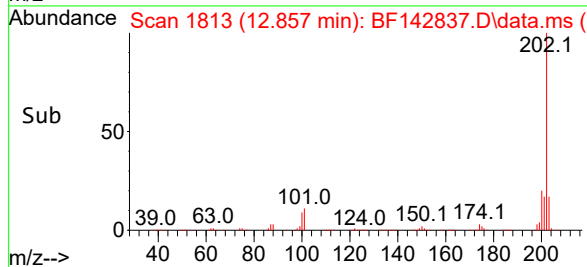
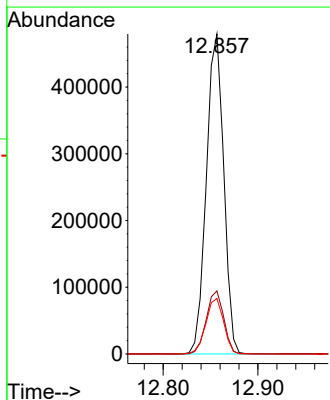
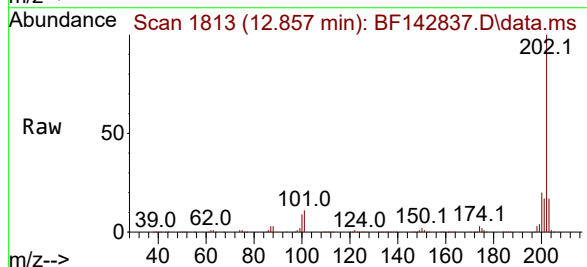
Tgt Ion:202 Resp: 609983

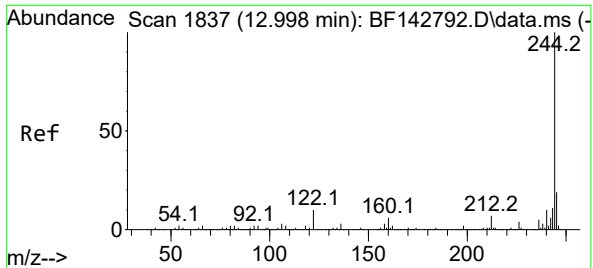
Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 70.220 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142837.D

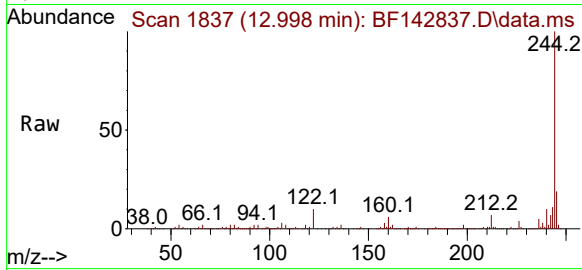
Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD



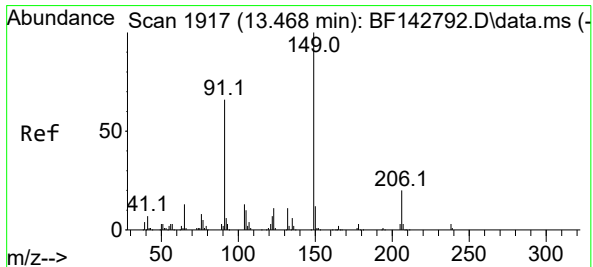
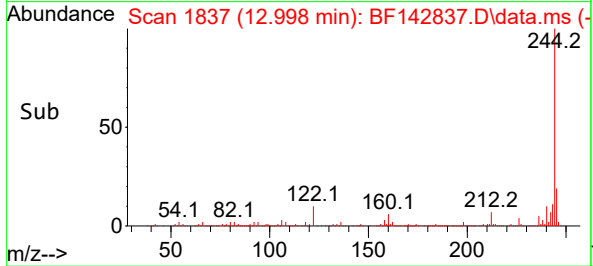
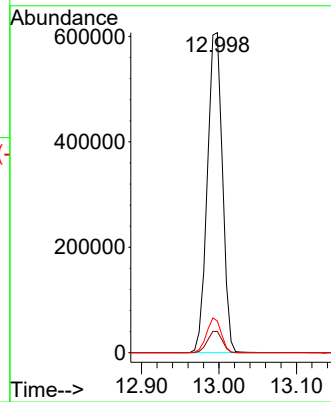
Tgt Ion:244 Resp: 819614

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 9.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 51.475 ng

RT: 13.468 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

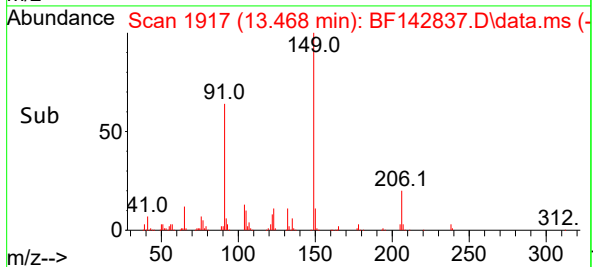
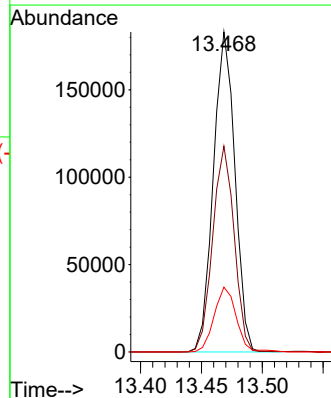
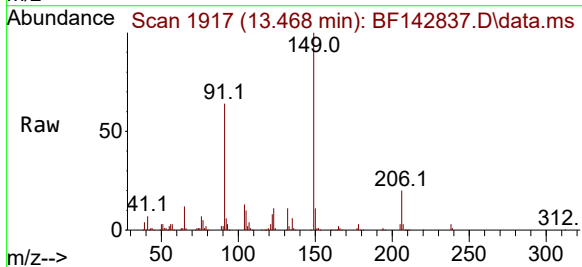
Tgt Ion:149 Resp: 225717

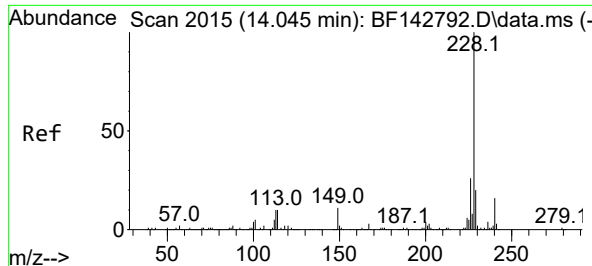
Ion Ratio Lower Upper

149 100

91 64.3 52.9 79.3

206 20.3 16.3 24.5

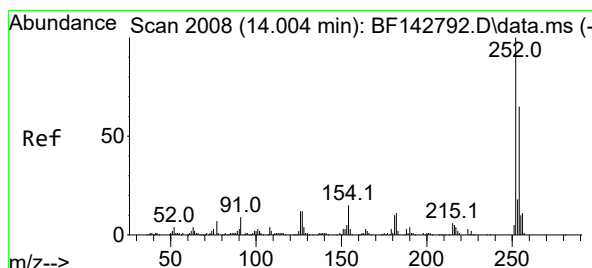
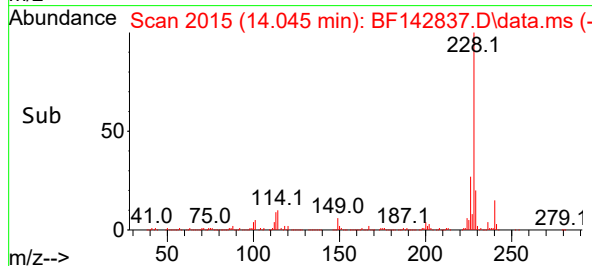
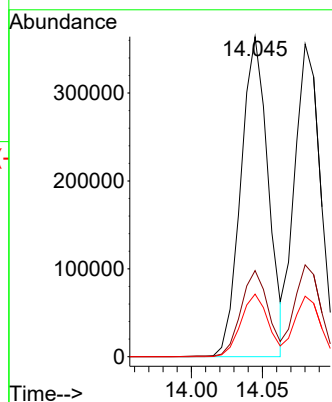
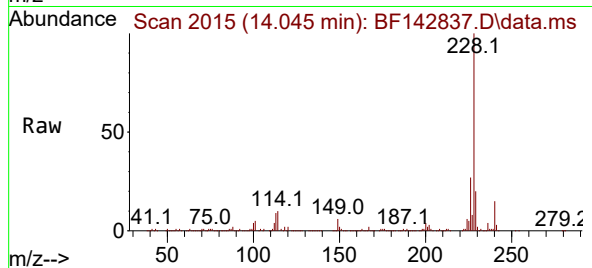




#81
Benzo(a)anthracene
Concen: 44.813 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

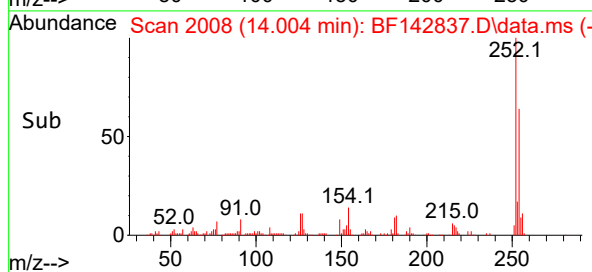
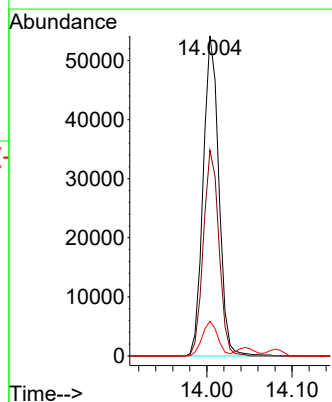
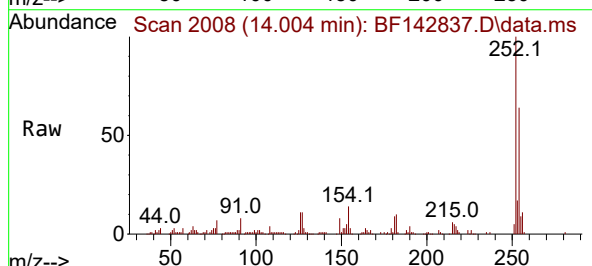
Instrument :
BNA_F
ClientSampleId :
PB168592BSD

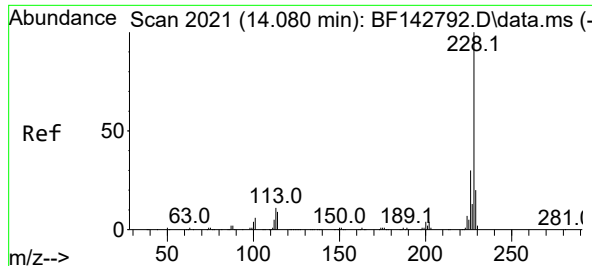
Tgt Ion:228 Resp: 487545
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 19.582 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF142837.D
Acq: 25 Jun 2025 14:55

Tgt Ion:252 Resp: 69101
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 10.9 9.4 14.2





#83

Chrysene

Concen: 45.856 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

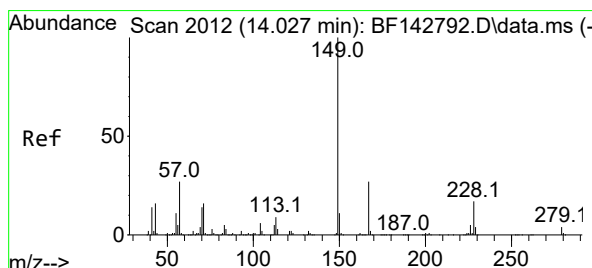
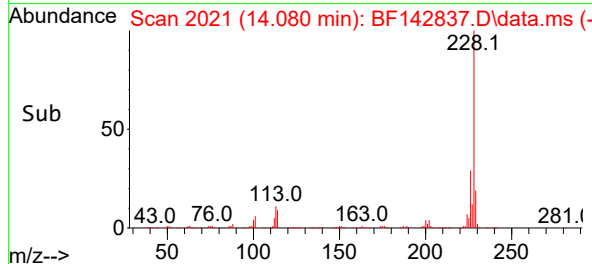
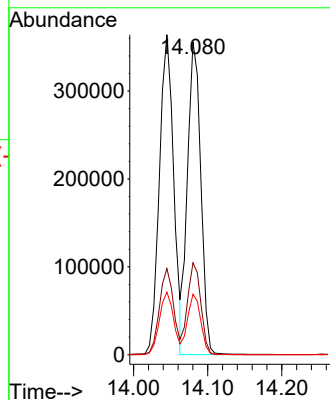
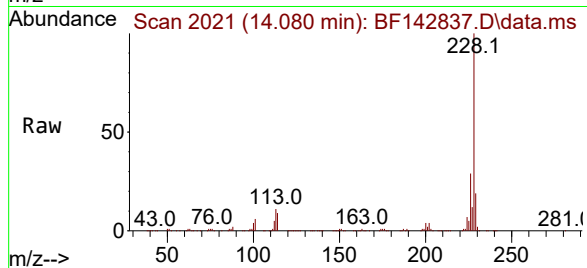
Tgt Ion:228 Resp: 445178

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.458 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

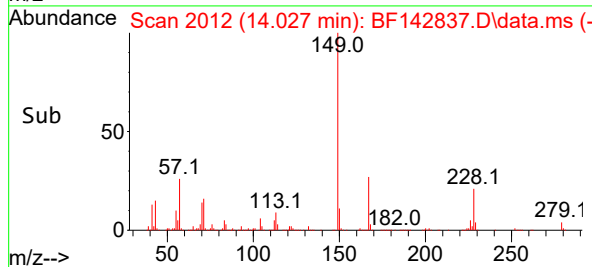
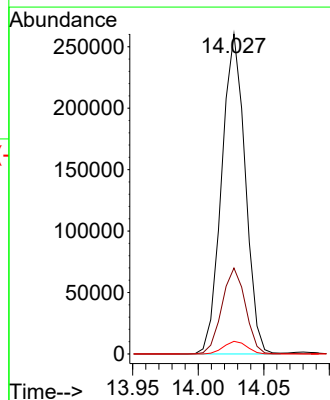
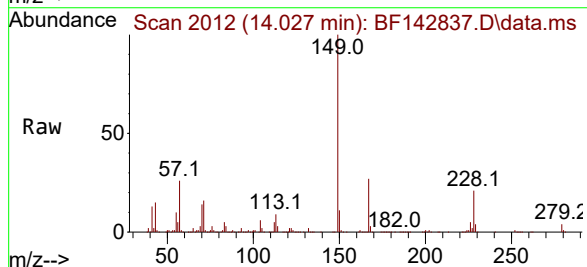
Tgt Ion:149 Resp: 324650

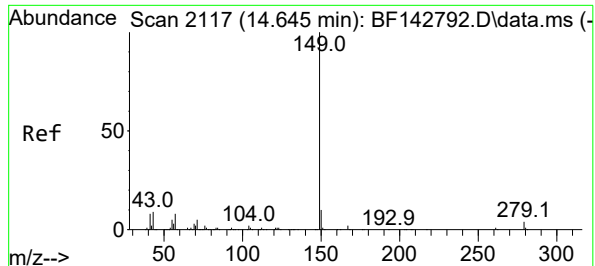
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 48.505 ng

RT: 14.645 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

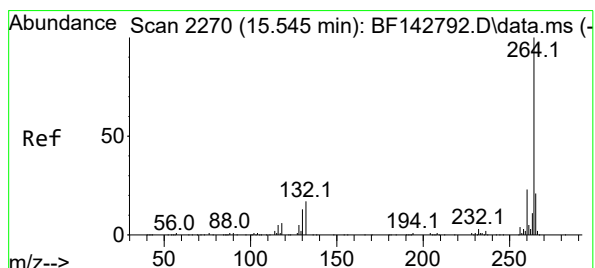
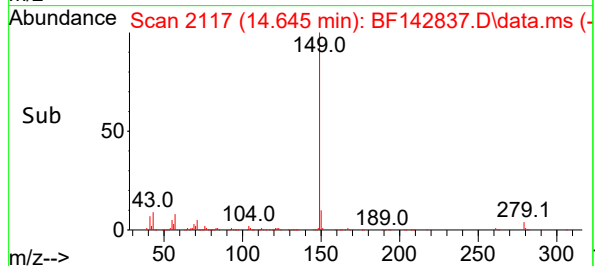
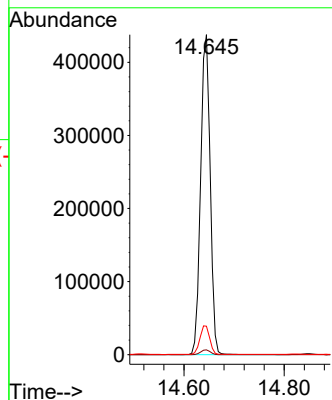
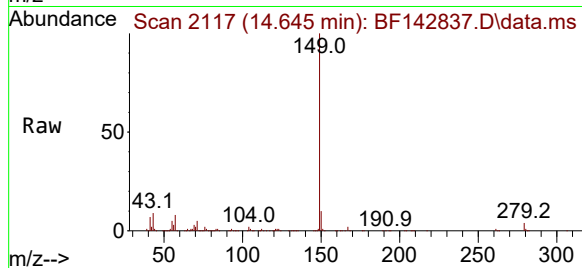
Tgt Ion:149 Resp: 577036

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.1 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

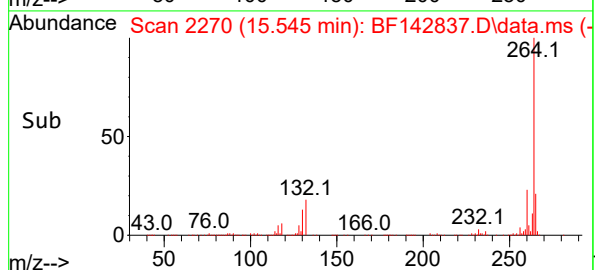
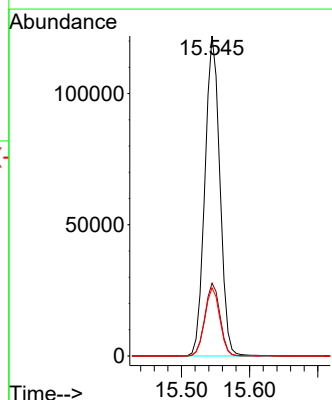
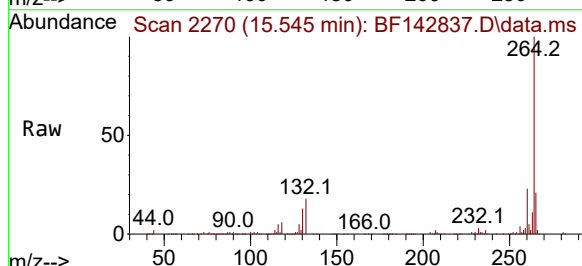
Tgt Ion:264 Resp: 186310

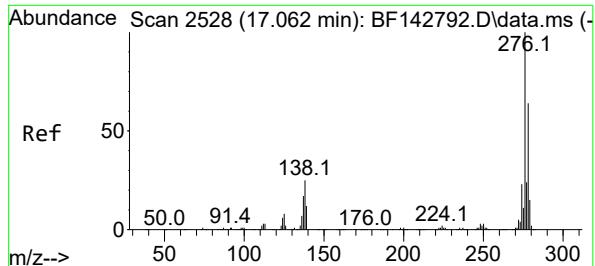
Ion Ratio Lower Upper

264 100

260 22.8 18.1 27.1

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.119 ng

RT: 17.062 min Scan# 2528

Delta R.T. 0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

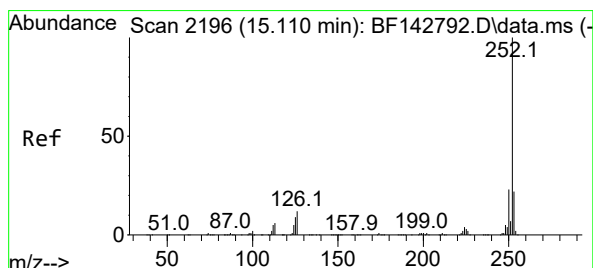
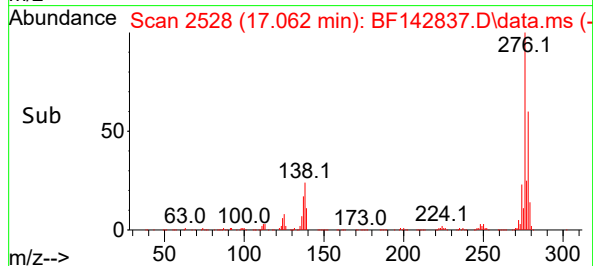
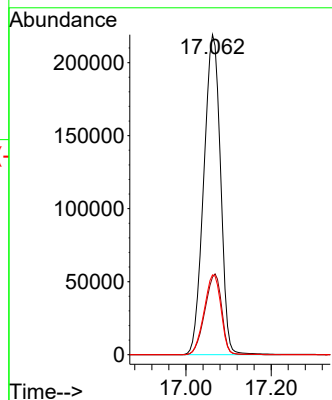
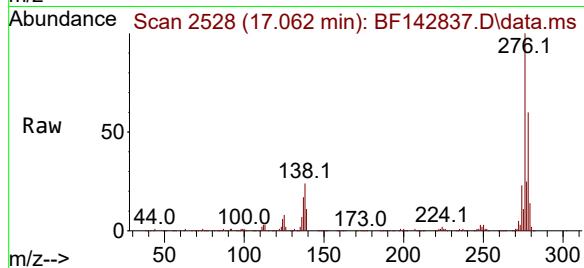
Tgt Ion:276 Resp: 597719

Ion Ratio Lower Upper

276 100

138 25.1 20.2 30.4

277 25.2 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 45.495 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

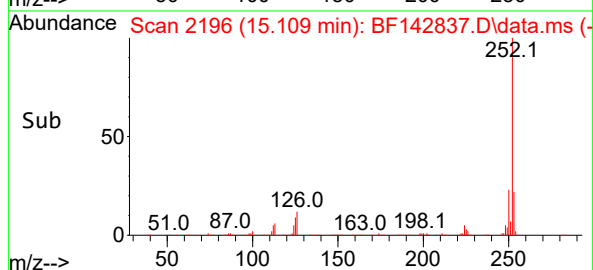
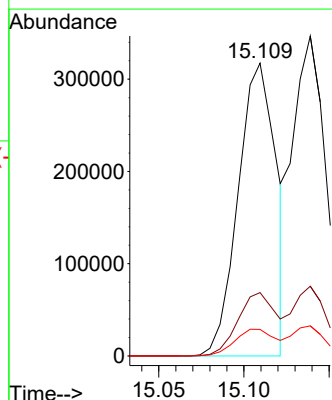
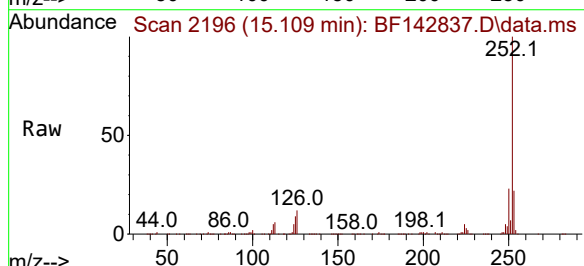
Tgt Ion:252 Resp: 490465

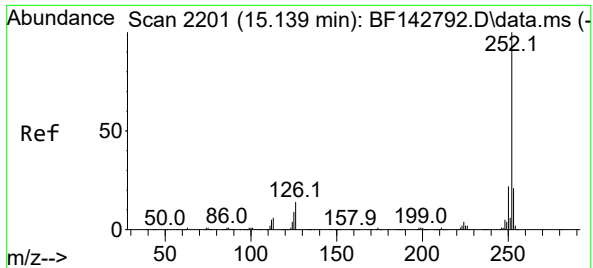
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 46.801 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

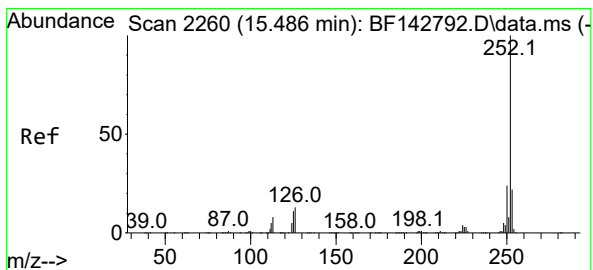
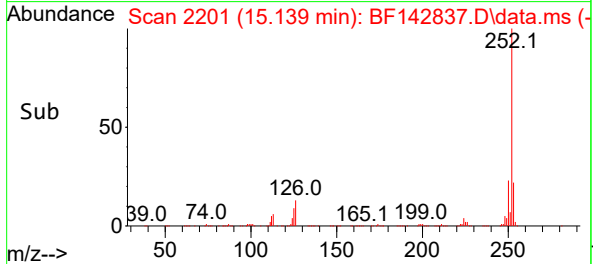
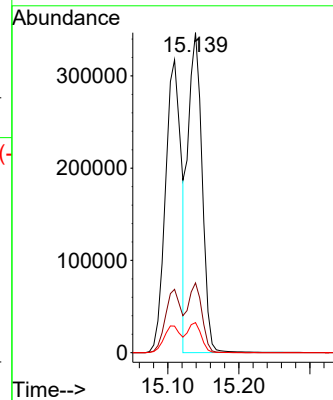
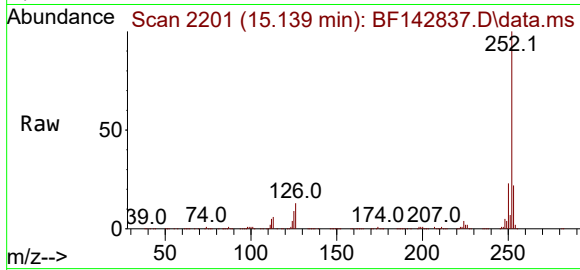
Tgt Ion:252 Resp: 472041

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.760 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

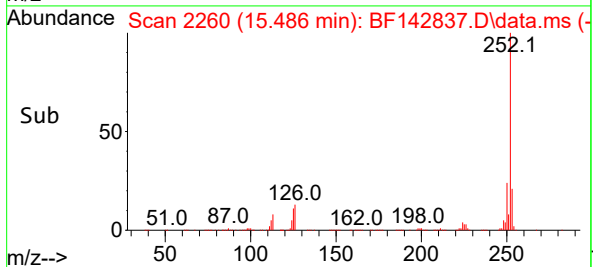
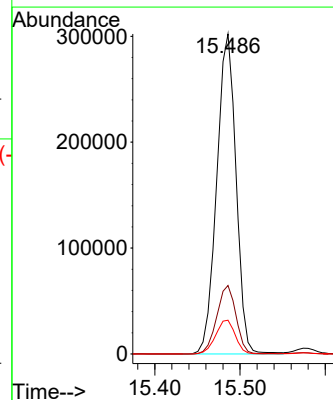
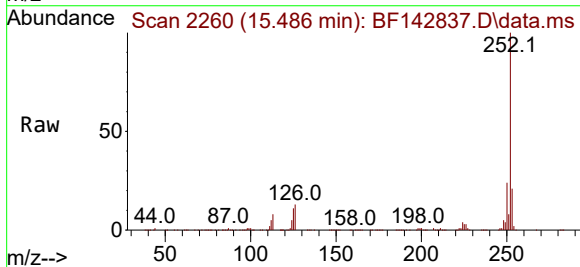
Tgt Ion:252 Resp: 476585

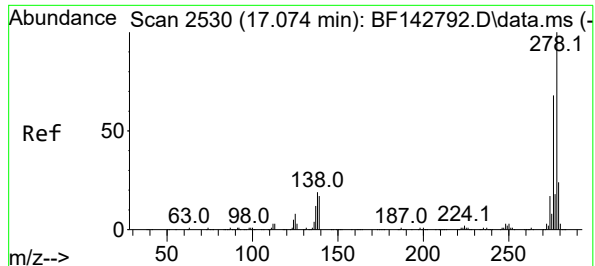
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.5 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 42.396 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

Instrument :

BNA_F

ClientSampleId :

PB168592BSD

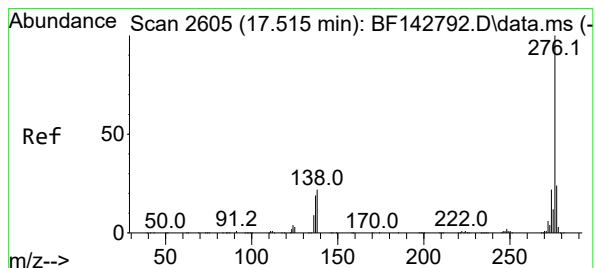
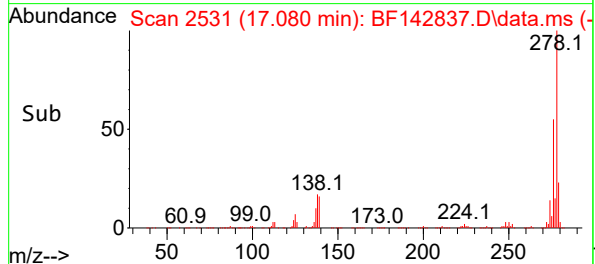
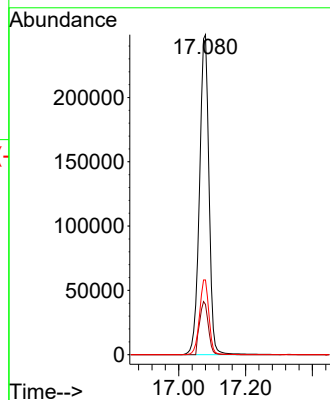
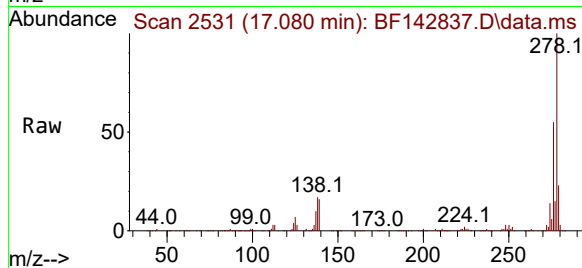
Tgt Ion:278 Resp: 488845

Ion Ratio Lower Upper

278 100

139 15.7 13.5 20.3

279 23.3 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 42.636 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF142837.D

Acq: 25 Jun 2025 14:55

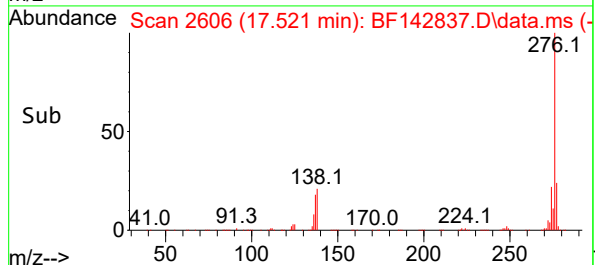
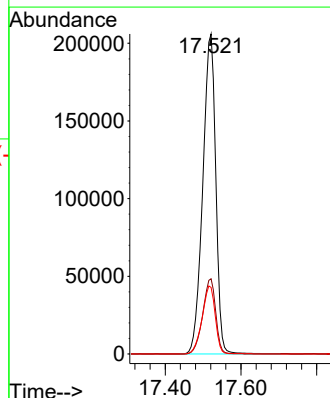
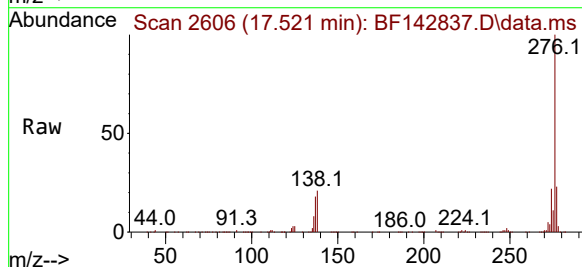
Tgt Ion:276 Resp: 490223

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 20.8 17.6 26.4





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

Manual Integration Report

Sequence:

BF061925

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:

bf062425

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

BF062525

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142834.D	2,4-Dimethylphenol	Rahul	6/26/2025 9:13:56 AM	Jagrut	6/26/2025 10:47:47 AM	Peak Integrated by Software
PB168592BS	BF142836.D	Caprolactam	Rahul	6/26/2025 9:14:00 AM	Jagrut	6/26/2025 10:47:49 AM	Peak Integrated by Software
PB168592BSD	BF142837.D	Caprolactam	Rahul	6/26/2025 9:14:03 AM	Jagrut	6/26/2025 10:47:51 AM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF061925

Review By	Rahul	Review On	6/23/2025 3:55:52 PM
Supervise By	Jagrut	Supervise On	6/24/2025 3:17:49 PM
SubDirectory	BF061925	HP Acquire Method	BNA_F
		HP Processing Method	bf061925
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S12670,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142787.D	19 Jun 2025 16:37	RC/JU	Ok
2	SSTDICC2.5	BF142788.D	19 Jun 2025 17:07	RC/JU	Ok
3	SSTDICC005	BF142789.D	19 Jun 2025 17:38	RC/JU	Ok
4	SSTDICC010	BF142790.D	19 Jun 2025 18:08	RC/JU	Ok
5	SSTDICC020	BF142791.D	19 Jun 2025 18:39	RC/JU	Ok
6	SSTDICC040	BF142792.D	19 Jun 2025 19:09	RC/JU	Ok
7	SSTDICC050	BF142793.D	19 Jun 2025 19:40	RC/JU	Ok
8	SSTDICC060	BF142794.D	19 Jun 2025 20:10	RC/JU	Ok
9	SSTDICC080	BF142795.D	19 Jun 2025 20:40	RC/JU	Ok
10	SSTDICV040	BF142796.D	19 Jun 2025 21:10	RC/JU	Ok
11	PB168536BL	BF142797.D	19 Jun 2025 22:10	RC/JU	Ok
12	PB168536BS	BF142798.D	19 Jun 2025 22:40	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM
SubDirectory	BF062425	HP Acquire Method	BNA_F
		HP Processing Method	bf061925
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S12671,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142810.D	24 Jun 2025 09:46	RC/JU	Ok
2	SSTDCCC040	BF142811.D	24 Jun 2025 10:16	RC/JU	Ok
3	PB168582BL	BF142812.D	24 Jun 2025 10:46	RC/JU	Ok
4	PB168582BS	BF142813.D	24 Jun 2025 11:17	RC/JU	Ok,M
5	Q2388-01	BF142814.D	24 Jun 2025 11:51	RC/JU	Ok
6	Q2380-01	BF142815.D	24 Jun 2025 12:22	RC/JU	Ok,M
7	Q2380-03	BF142816.D	24 Jun 2025 12:53	RC/JU	Ok,M
8	Q2381-01	BF142817.D	24 Jun 2025 13:24	RC/JU	Ok,M
9	Q2381-05	BF142818.D	24 Jun 2025 13:54	RC/JU	Ok,M
10	Q2385-01	BF142819.D	24 Jun 2025 14:57	RC/JU	Ok
11	Q2372-01	BF142820.D	24 Jun 2025 15:28	RC/JU	Ok
12	Q2386-01	BF142821.D	24 Jun 2025 15:59	RC/JU	Dilution
13	Q2392-01	BF142822.D	24 Jun 2025 16:30	RC/JU	Ok
14	Q2393-11	BF142823.D	24 Jun 2025 17:01	RC/JU	Ok
15	Q2393-05	BF142824.D	24 Jun 2025 17:33	RC/JU	Ok,M
16	Q2393-07	BF142825.D	24 Jun 2025 18:03	RC/JU	Ok,M
17	Q2393-09	BF142826.D	24 Jun 2025 18:34	RC/JU	Ok,M
18	Q2398-06	BF142827.D	24 Jun 2025 19:05	RC/JU	Ok,M
19	Q2398-03	BF142828.D	24 Jun 2025 19:36	RC/JU	Ok,M
20	Q2381-03	BF142829.D	24 Jun 2025 20:07	RC/JU	Ok,M
21	Q2380-05	BF142830.D	24 Jun 2025 20:38	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM		
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM		
SubDirectory	BF062425	HP Acquire Method	BNA_F	HP Processing Method	bf061925
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S12671,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q2384-01	BF142831.D	24 Jun 2025 21:08	RC/JU	Ok,M
23	Q2383-01	BF142832.D	24 Jun 2025 21:38	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM
SubDirectory	BF062525	HP Acquire Method	BNA_F
		HP Processing Method	bf061925
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S12671,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142833.D	25 Jun 2025 12:17	RC/JU	Ok
2	SSTDCCC040	BF142834.D	25 Jun 2025 13:25	RC/JU	Ok,M
3	PB168592BL	BF142835.D	25 Jun 2025 13:55	RC/JU	Ok
4	PB168592BS	BF142836.D	25 Jun 2025 14:25	RC/JU	Ok,M
5	PB168592BSD	BF142837.D	25 Jun 2025 14:55	RC/JU	Ok,M
6	PB168601BL	BF142838.D	25 Jun 2025 15:26	RC/JU	Ok
7	PB168601BS	BF142839.D	25 Jun 2025 15:57	RC/JU	Ok
8	Q2393-01	BF142840.D	25 Jun 2025 16:32	RC/JU	Ok
9	Q2393-03	BF142841.D	25 Jun 2025 17:02	RC/JU	Ok
10	Q2394-01	BF142842.D	25 Jun 2025 17:33	RC/JU	Ok
11	Q2394-01MS	BF142843.D	25 Jun 2025 18:04	RC/JU	Ok
12	Q2394-01MSD	BF142844.D	25 Jun 2025 18:35	RC/JU	Ok
13	Q2386-02	BF142845.D	25 Jun 2025 19:06	RC/JU	Ok
14	Q2386-02MS	BF142846.D	25 Jun 2025 19:37	RC/JU	Ok
15	Q2386-02MSD	BF142847.D	25 Jun 2025 20:07	RC/JU	Ok
16	Q2388-04	BF142848.D	25 Jun 2025 20:38	RC/JU	Ok
17	Q2389-04	BF142849.D	25 Jun 2025 21:09	RC/JU	Ok
18	Q2399-01	BF142850.D	25 Jun 2025 21:40	RC/JU	Ok
19	Q2399-05	BF142851.D	25 Jun 2025 22:10	RC/JU	Ok
20	Q2386-01DL	BF142852.D	25 Jun 2025 22:41	RC/JU	Dilution
21	Q2386-01DL2	BF142853.D	25 Jun 2025 23:11	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM		
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM		
SubDirectory	BF062525	HP Acquire Method	BNA_F	HP Processing Method	bf061925
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S12671,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q2412-01	BF142854.D	25 Jun 2025 23:41	RC/JU	Ok,M
23	Q2403-03	BF142855.D	26 Jun 2025 00:12	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF061925

Review By	Rahul	Review On	6/23/2025 3:55:52 PM
Supervise By	Jagrut	Supervise On	6/24/2025 3:17:49 PM
SubDirectory	BF061925	HP Acquire Method	BNA_F
		HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12670,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142787.D	19 Jun 2025 16:37		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF142788.D	19 Jun 2025 17:07		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF142789.D	19 Jun 2025 17:38		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF142790.D	19 Jun 2025 18:08		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF142791.D	19 Jun 2025 18:39		RC/JU	Ok
6	SSTDICC040	SSTDICC040	BF142792.D	19 Jun 2025 19:09	Calibration is Good for 8270 E, 8270 DOD and 625.1 methods.	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF142793.D	19 Jun 2025 19:40		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF142794.D	19 Jun 2025 20:10		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF142795.D	19 Jun 2025 20:40	Compound #09 removed from 80 PPM.	RC/JU	Ok
10	SSTDICV040	ICVBF061925	BF142796.D	19 Jun 2025 21:10		RC/JU	Ok
11	PB168536BL	PB168536BL	BF142797.D	19 Jun 2025 22:10		RC/JU	Ok
12	PB168536BS	PB168536BS	BF142798.D	19 Jun 2025 22:40		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM
SubDirectory	BF062425	HP Acquire Method	BNA_F
		HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	SP6757 SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	SP6836 S12671,10ul/1000ul sample SP6770

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142810.D	24 Jun 2025 09:46		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142811.D	24 Jun 2025 10:16		RC/JU	Ok
3	PB168582BL	PB168582BL	BF142812.D	24 Jun 2025 10:46		RC/JU	Ok
4	PB168582BS	PB168582BS	BF142813.D	24 Jun 2025 11:17		RC/JU	Ok,M
5	Q2388-01	TP-12	BF142814.D	24 Jun 2025 11:51		RC/JU	Ok
6	Q2380-01	72-11948	BF142815.D	24 Jun 2025 12:22	Internal Standard Fail	RC/JU	Ok,M
7	Q2380-03	VNJ-211	BF142816.D	24 Jun 2025 12:53		RC/JU	Ok,M
8	Q2381-01	291431	BF142817.D	24 Jun 2025 13:24		RC/JU	Ok,M
9	Q2381-05	72-11929	BF142818.D	24 Jun 2025 13:54	Internal Standard Fail	RC/JU	Ok,M
10	Q2385-01	A5311	BF142819.D	24 Jun 2025 14:57		RC/JU	Ok
11	Q2372-01	GAV1W	BF142820.D	24 Jun 2025 15:28		RC/JU	Ok
12	Q2386-01	SU-1-062025	BF142821.D	24 Jun 2025 15:59	Internal Standard Fail, Run 10X Dilution and then decide further dilution	RC/JU	Dilution
13	Q2392-01	S-1	BF142822.D	24 Jun 2025 16:30		RC/JU	Ok
14	Q2393-11	PARK AVE -6	BF142823.D	24 Jun 2025 17:01		RC/JU	Ok
15	Q2393-05	PARK AVE -3	BF142824.D	24 Jun 2025 17:33		RC/JU	Ok,M
16	Q2393-07	PARK AVE -4	BF142825.D	24 Jun 2025 18:03		RC/JU	Ok,M
17	Q2393-09	PARK AVE -5	BF142826.D	24 Jun 2025 18:34		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM		
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM		
SubDirectory	BF062425	HP Acquire Method	BNA_F	HP Processing Method	bf061925
STD. NAME		STD REF.#			
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840				
CCC	SP6836				
Internal Standard/PEM	S12671,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q2398-06	ARS20-0036	BF142827.D	24 Jun 2025 19:05	Internal Standard Fail	RC/JU	Ok,M
19	Q2398-03	M00-25-0179	BF142828.D	24 Jun 2025 19:36	Internal Standard Fail	RC/JU	Ok,M
20	Q2381-03	VNJ-207	BF142829.D	24 Jun 2025 20:07		RC/JU	Ok,M
21	Q2380-05	RBR-200059	BF142830.D	24 Jun 2025 20:38		RC/JU	Ok,M
22	Q2384-01	OK-01-6202025	BF142831.D	24 Jun 2025 21:08		RC/JU	Ok,M
23	Q2383-01	RT-5376	BF142832.D	24 Jun 2025 21:38	Internal Standard Fail	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM
SubDirectory	BF062525	HP Acquire Method	BNA_F
		HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142833.D	25 Jun 2025 12:17		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142834.D	25 Jun 2025 13:25		RC/JU	Ok,M
3	PB168592BL	PB168592BL	BF142835.D	25 Jun 2025 13:55		RC/JU	Ok
4	PB168592BS	PB168592BS	BF142836.D	25 Jun 2025 14:25		RC/JU	Ok,M
5	PB168592BSD	PB168592BSD	BF142837.D	25 Jun 2025 14:55		RC/JU	Ok,M
6	PB168601BL	PB168601BL	BF142838.D	25 Jun 2025 15:26		RC/JU	Ok
7	PB168601BS	PB168601BS	BF142839.D	25 Jun 2025 15:57		RC/JU	Ok
8	Q2393-01	PARK AVE -1	BF142840.D	25 Jun 2025 16:32		RC/JU	Ok
9	Q2393-03	PARK AVE -2	BF142841.D	25 Jun 2025 17:02		RC/JU	Ok
10	Q2394-01	MH-K/L	BF142842.D	25 Jun 2025 17:33		RC/JU	Ok
11	Q2394-01MS	MH-K/LMS	BF142843.D	25 Jun 2025 18:04		RC/JU	Ok
12	Q2394-01MSD	MH-K/LMSD	BF142844.D	25 Jun 2025 18:35		RC/JU	Ok
13	Q2386-02	SU-1-062025	BF142845.D	25 Jun 2025 19:06		RC/JU	Ok
14	Q2386-02MS	SU-1-062025MS	BF142846.D	25 Jun 2025 19:37		RC/JU	Ok
15	Q2386-02MSD	SU-1-062025MSD	BF142847.D	25 Jun 2025 20:07		RC/JU	Ok
16	Q2388-04	TP-12	BF142848.D	25 Jun 2025 20:38		RC/JU	Ok
17	Q2389-04	MH-J-I	BF142849.D	25 Jun 2025 21:09		RC/JU	Ok
18	Q2399-01	TP-13	BF142850.D	25 Jun 2025 21:40		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM		
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM		
SubDirectory	BF062525	HP Acquire Method	BNA_F	HP Processing Method	bf061925
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840				
CCC	SP6836				
Internal Standard/PEM	S12671,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q2399-05	EP-7	BF142851.D	25 Jun 2025 22:10		RC/JU	Ok
20	Q2386-01DL	SU-1-062025DL	BF142852.D	25 Jun 2025 22:41	Need Further 5X Dilution	RC/JU	Dilution
21	Q2386-01DL2	SU-1-062025DL2	BF142853.D	25 Jun 2025 23:11		RC/JU	Ok,M
22	Q2412-01	TR-05-062425	BF142854.D	25 Jun 2025 23:41		RC/JU	Ok,M
23	Q2403-03	LAW-25-0093	BF142855.D	26 Jun 2025 00:12	Surrogate Failed.	RC/JU	Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Welgh By: N/A **Extraction By:** RS

Balance check: N/A **Filter By:** RJ

Balance ID: N/A **pH Meter ID:** N/A

pH Strlp Lot#: E3880 **Hood ID:** 4,6,7

Extraction Method: ☒ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Extraction Start Date : 06/24/2025

Extraction Start Time : 08:39

Extraction End Date : 06/24/2025

Extraction End Time : 13:35

Concentration By: EH

Supervisor By : RUPESH

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
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	E3943
Baked Na2SO4	N/A	EP2622
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
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:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH , 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1,2 **Envap ID:** NE VAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/24/25	RS (Ext Lab)	RLSVOC
13:40	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 06/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168592BL	SBLK592	SVOC-TCL BNA -20	1000	6	RUPESEH	ritesh	1			SEP-1
PB168592BS	SLCS592	SVOC-TCL BNA -20	1000	6	RUPESEH	ritesh	1			2
PB168592BS D	SLCSD592	SVOC-TCL BNA -20	1000	6	RUPESEH	ritesh	1			3
Q2372-01	GAV1W	SVOCMS Group2	980	6	RUPESEH	ritesh	1	D		4
Q2385-01	A5311	SVOC-TCL BNA -20	1000	6	RUPESEH	ritesh	1	N		5

RS
6/24

1683A
1683A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2372 WorkList ID : 190349 Department : Extraction Date : 06-24-2025 08:35:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2372-01	GAV1W	Water	SVOCMS Group2	Cool 4 deg C	GENV01	D51	06/19/2025	8270E
Q2385-01	A5311	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D51	06/20/2025	8270E

Date/Time 6/24/25 8:35
Raw Sample Received by: RS (Ext-6b)
Raw Sample Relinquished by: RS (Ext-6b)

Date/Time 6/24/25 9:10
Raw Sample Received by: RS
Raw Sample Relinquished by: RS (Ext-6b)



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q2372
QUOTE NO.
COC Number 2046408

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

COMPANY: G ENVIRONMENTAL
ADDRESS: 8 CARRIAGE
CITY: Successville STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

PROJECT NAME: Ave B
PROJECT NO.: LOCATION:
PROJECT MANAGER: GW
e-mail:
PHONE: FAX:

BILL TO: G ENVIRONMENTAL PO#:
ADDRESS: 8 CARRIAGE
CITY: Successville STATE: NJ ZIP:
ATTENTION: PHONE:
ANALYSIS

DATA TURNAROUND INFORMATION *

DATA DELIVERABLE INFORMATION

FAX (RUSH) STANDARD DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: STANDARD DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASPA ☐ NYS ASPB
+ Raw Data ☐ Other Excel file
EDD FORMAT NJ DEP SRP

10 days
TAL Metals
BH-15 (NYS standard)
low level

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	<u>GAV 1W</u>	<u>GW</u>	<u>X</u>	<u>X</u>	<u>6/19/25</u>	<u>3:00</u>	<u>5</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>						
2.	<u>GAV 2W</u>	<u>GW</u>	<u>X</u>	<u>X</u>	<u>6/19/25</u>	<u>3:45</u>	<u>3</u>	<u>X</u>	<u>X</u>								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>MHA</u>	DATE/TIME: <u>M45</u> <u>6/19/25</u>	RECEIVED BY: 1. <u>CR</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.1 - 5</u> °C Comments: <u>FR-GW #1</u>
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	

Page ____ of ____ CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

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 : Q2372 GENV01

Order Date : 6/19/2025 2:53:00 PM

Project Mgr :

Client Name : G Environmental

Project Name : Ave B

Report Type : NJ Reduced

Client Contact : Gary Landis

Receive DateTime : 6/19/2025 2:45:00 PM

EDD Type : NJ HAZSITE

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
Q2372-01	GAV1W	Water	06/19/2025	13:10					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q2372-02	GAV2W	Water	06/19/2025	13:45					
					VOCMS Group1		8260-Low	10 Bus. Days	

Relinquished By : AL

Date / Time : 6/19/25 15:28

Received By : SAM

Date / Time

06/19/25 15:28 Rg 4 4

Storage Area : VOA Refridgerator Room