

Cover Page

Order ID : Q2425

Project ID : AS Jenks School

Client : Kleinfelder

Lab Sample Number

Q2425-01
Q2425-02
Q2425-03

Client Sample Number

COMP-1
COMP-2
COMP-3

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: 6/30/2025

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 #: Q2425

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: PRADIP PRAJAPATI

Date: 06/30/2025

LAB CHRONICLE

OrderID: Q2425
Client: Kleinfelder
Contact: Mark Warchol

OrderDate: 6/25/2025 2:03:00 PM
Project: AS Jenks School
Location: D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2425-01	COMP-1	SOIL	SVOCMS Group1	8270E	06/24/25	06/26/25	06/26/25	06/25/25
Q2425-02	COMP-2	SOIL	SVOCMS Group1	8270E	06/24/25	06/26/25	06/27/25	06/25/25
Q2425-03	COMP-3	SOIL	SVOCMS Group1	8270E	06/24/25	06/26/25	06/27/25	06/25/25



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Hit Summary Sheet
SW-846

SDG No.: Q2425
Client: Kleinfelder

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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168625BL	PB168625BL	Nitrobenzene-d5	100	81.6	82		18	107
		2-Fluorobiphenyl	100	77.4	77		20	109
		Terphenyl-d14	100	78.5	78		10	105
PB168625BS	PB168625BS	Nitrobenzene-d5	100	77.0	77		18	107
		2-Fluorobiphenyl	100	74.7	75		20	109
		Terphenyl-d14	100	78.2	78		10	105
Q2416-01MS	MH-G/HMS	Nitrobenzene-d5	100	45.0	45		18	107
		2-Fluorobiphenyl	100	46.3	46		20	109
		Terphenyl-d14	100	45.4	45		10	105
Q2416-01MSD	MH-G/HMSD	Nitrobenzene-d5	100	46.2	46		18	107
		2-Fluorobiphenyl	100	46.1	46		20	109
		Terphenyl-d14	100	45.3	45		10	105
Q2425-01	COMP-1	Nitrobenzene-d5	100	50.4	50		18	107
		2-Fluorobiphenyl	100	51.1	51		20	109
		Terphenyl-d14	100	50.4	50		10	105
Q2425-02	COMP-2	Nitrobenzene-d5	100	83.7	84		18	107
		2-Fluorobiphenyl	100	79.9	80		20	109
		Terphenyl-d14	100	63.3	63		10	105
Q2425-03	COMP-3	Nitrobenzene-d5	100	49.2	49		18	107
		2-Fluorobiphenyl	100	52.4	52		20	109
		Terphenyl-d14	100	40.1	40		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2416-01MS	Client Sample ID:	MH-G/HMS					DataFile:	BF142872.D		
Naphthalene	1100	0	940	ug/Kg	85				51	121	
Fluorene	1100	0	950	ug/Kg	86				53	118	
Phenanthrene	1100	0	950	ug/Kg	86				52	128	
Anthracene	1100	0	950	ug/Kg	86				62	124	
Pyrene	1100	0	900	ug/Kg	82				37	122	
Benzo(a)anthracene	1100	0	960	ug/Kg	87				53	119	
Chrysene	1100	0	940	ug/Kg	85				57	121	
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91				52	117	
Benzo(a)pyrene	1100	0	980	ug/Kg	89				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	660	ug/Kg	60				40	129	
Benzo(g,h,i)perylene	1100	0	590	ug/Kg	54				24	125	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2416-01MSD	Client Sample ID:	MH-G/HMSD					DataFile:	BF142873.D		
Naphthalene	1100	0	960	ug/Kg	87		2		51	121	20
Fluorene	1100	0	960	ug/Kg	87		1		53	118	20
Phenanthrene	1100	0	970	ug/Kg	88		2		52	128	20
Anthracene	1100	0	970	ug/Kg	88		2		62	124	20
Pyrene	1100	0	890	ug/Kg	81		1		37	122	20
Benzo(a)anthracene	1100	0	970	ug/Kg	88		1		53	119	20
Chrysene	1100	0	970	ug/Kg	88		3		57	121	20
Benzo(b)fluoranthene	1100	0	1100	ug/Kg	100		9		52	117	20
Benzo(a)pyrene	1100	0	1000	ug/Kg	91		2		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	730	ug/Kg	66		10		40	129	20
Benzo(g,h,i)perylene	1100	0	660	ug/Kg	60		11		24	125	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: 8270E DataFile: BF142885.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168625BS	Naphthalene	1700	1400	ug/Kg	82				62	100	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1400	ug/Kg	82				63	101	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168625BL

Lab Name: CHEMTECHContract: POWE02Lab Code: CHEM Case No.: Q2425SAS No.: Q2425 SDG NO.: Q2425Lab File ID: BF142884.DLab Sample ID: PB168625BLInstrument ID: BNA_FDate Extracted: 06/26/2025Matrix: (soil/water) SOILDate Analyzed: 06/27/2025Level: (low/med) LOWTime Analyzed: 10:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168625BS	PB168625BS	BF142885.D	06/27/2025
COMP-2	Q2425-02	BF142887.D	06/27/2025
COMP-3	Q2425-03	BF142888.D	06/27/2025
MH-G/HMS	Q2416-01MS	BF142872.D	06/26/2025
MH-G/HMSD	Q2416-01MSD	BF142873.D	06/26/2025
COMP-1	Q2425-01	BF142874.D	06/26/2025

COMMENTS:



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: POWE02Lab Code: CHEMSAS No.: Q2425 SDG NO.: Q2425Lab 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
SSTDICCC040	SSTDICCC040	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: POWE02Lab Code: CHEMSAS No.: Q2425 SDG NO.: Q2425Lab File ID: BF142856.DDFTPP Injection Date: 06/26/2025Instrument ID: BNA_FDFTPP Injection Time: 09:10

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	33.7
70	Less than 2.0% of mass 69	0.2 (0.6) 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	6.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 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	BF142857.D	06/26/2025	09:39
MH-G/HMS	Q2416-01MS	BF142872.D	06/26/2025	17:06
MH-G/HMSD	Q2416-01MSD	BF142873.D	06/26/2025	17:36
COMP-1	Q2425-01	BF142874.D	06/26/2025	18:05



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: POWE02Lab Code: CHEMSAS No.: Q2425 SDG NO.: Q2425Lab File ID: BF142881.DDFTPP Injection Date: 06/27/2025Instrument ID: BNA_FDFTPP Injection Time: 09:21

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	32.3
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	6.4
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.1
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	BF142882.D	06/27/2025	09:51
PB168625BL	PB168625BL	BF142884.D	06/27/2025	10:49
PB168625BS	PB168625BS	BF142885.D	06/27/2025	11:19
COMP-2	Q2425-02	BF142887.D	06/27/2025	12:21
COMP-3	Q2425-03	BF142888.D	06/27/2025	12:50

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/26/2025

Lab File ID: BF142857.D Time Analyzed: 09:39

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	77664	6.875	293795	8.16	161192	9.92
UPPER LIMIT	155328	7.375	587590	8.663	322384	10.422
LOWER LIMIT	38832	6.375	146898	7.663	80596	9.422
EPA SAMPLE NO.						
01 MH-G/HMS	84939	6.88	322606	8.16	168684	9.92
02 MH-G/HMSD	79872	6.88	303973	8.16	162686	9.92
03 COMP-1	80015	6.88	306273	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.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/26/2025

Lab File ID: BF142857.D Time Analyzed: 09:39

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	275904	11.41	159836	14.057	144296	15.545
UPPER LIMIT	551808	11.91	319672	14.557	288592	16.045
LOWER LIMIT	137952	10.91	79918	13.557	72148	15.045
EPA SAMPLE NO.						
01 MH-G/HMS	277774	11.41	149832	14.06	169288	15.55
02 MH-G/HMSD	266635	11.41	149914	14.06	166770	15.55
03 COMP-1	266840	11.40	136110	14.05	163547	15.54

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.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/27/2025

Lab File ID: BF142882.D Time Analyzed: 09:51

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	70500	6.875	264550	8.16	140000	9.92
UPPER LIMIT	141000	7.375	529100	8.663	280000	10.422
LOWER LIMIT	35250	6.375	132275	7.663	70000	9.422
EPA SAMPLE NO.						
01 PB168625BL	77055	6.88	295430	8.16	162519	9.92
02 PB168625BS	79288	6.88	306414	8.16	167156	9.92
03 COMP-2	69223	6.88	263260	8.16	135660	9.92
04 COMP-3	69872	6.88	263807	8.16	130470	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.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/27/2025

Lab File ID: BF142882.D Time Analyzed: 09:51

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	234291	11.41	139168	14.057	151209	15.545
UPPER LIMIT	468582	11.91	278336	14.557	302418	16.045
LOWER LIMIT	117146	10.91	69584	13.557	75604.5	15.045
EPA SAMPLE NO.						
01 PB168625BL	284575	11.40	168482	14.05	158706	15.55
02 PB168625BS	286462	11.41	164874	14.06	166752	15.55
03 COMP-2	203415	11.40	149806	14.05	148502	15.55
04 COMP-3	197251	11.40	147517	14.05	148110	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:	Kleinfelder	Date Collected:	06/24/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	COMP-1	SDG No.:	Q2425
Lab Sample ID:	Q2425-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	76.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Final Vol:	1000 uL
		Test:	SVOCMS Group1
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142874.D	1	06/26/25 09:20	06/26/25 18:05	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	29.5	U	29.5	220	ug/Kg
86-73-7	Fluorene	32.8	U	32.8	220	ug/Kg
85-01-8	Phenanthrene	27.1	U	27.1	220	ug/Kg
120-12-7	Anthracene	43.2	U	43.2	220	ug/Kg
129-00-0	Pyrene	46.7	U	46.7	220	ug/Kg
56-55-3	Benzo(a)anthracene	29.9	U	29.9	220	ug/Kg
218-01-9	Chrysene	25.8	U	25.8	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	24.7	U	24.7	220	ug/Kg
50-32-8	Benzo(a)pyrene	38.3	U	38.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37.8	U	37.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33.4	U	33.4	220	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	50.4		18 - 107	50%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.1		20 - 109	51%	SPK: 100
1718-51-0	Terphenyl-d14	50.4		10 - 105	50%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	80000	6.875			
1146-65-2	Naphthalene-d8	306000	8.157			
15067-26-2	Acenaphthene-d10	164000	9.916			
1517-22-2	Phenanthrene-d10	267000	11.404			
1719-03-5	Chrysene-d12	136000	14.051			
1520-96-3	Perylene-d12	164000	15.539			

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/24/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	COMP-1	SDG No.:	Q2425
Lab Sample ID:	Q2425-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	76.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142874.D	1	06/26/25 09:20	06/26/25 18:05	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142874.D
Acq On : 26 Jun 2025 18:05
Operator : RC/JU
Sample : Q2425-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Time: Jun 26 18:26:13 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	80015	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	306273	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	163617	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	266840	20.000	ng	0.00
76) Chrysene-d12	14.051	240	136110	20.000	ng	0.00
86) Perylene-d12	15.539	264	163547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	370830	77.161	ng	0.00
7) Phenol-d6	6.504	99	458335	80.834	ng	0.00
23) Nitrobenzene-d5	7.434	82	281264	50.372	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	83075	49.340	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	636753	51.125	ng	-0.01
79) Terphenyl-d14	12.992	244	496947	50.447	ng	0.00

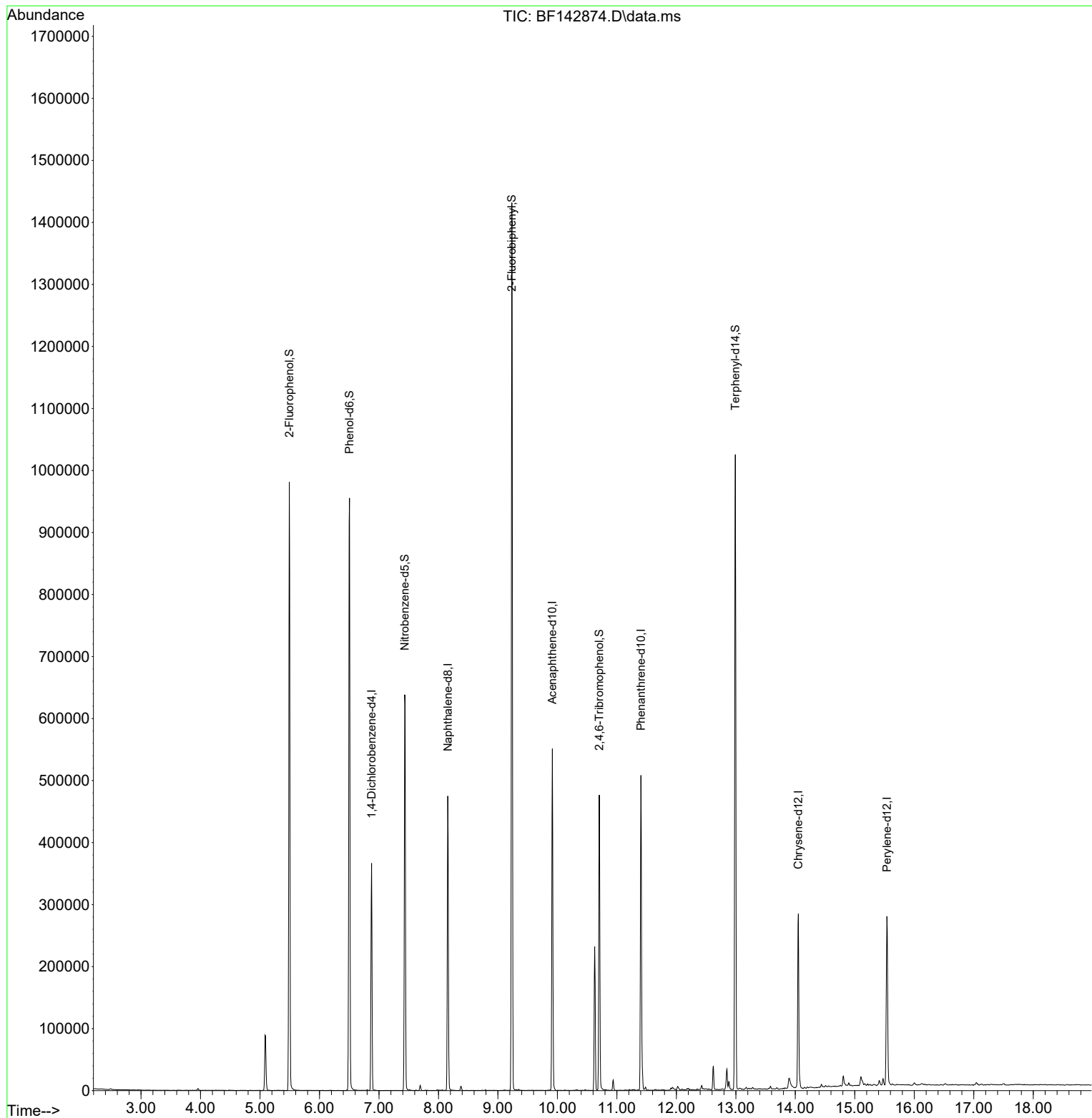
Target Compounds	Qvalue

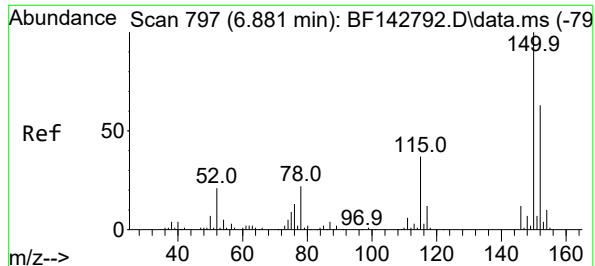
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142874.D
Acq On : 26 Jun 2025 18:05
Operator : RC/JU
Sample : Q2425-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Time: Jun 26 18:26:13 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

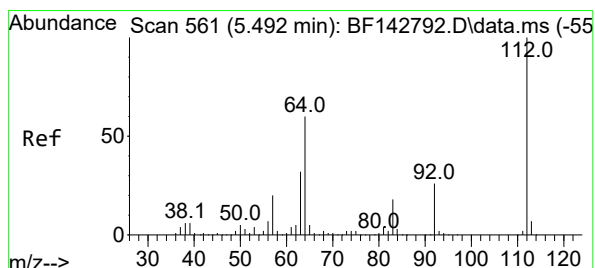
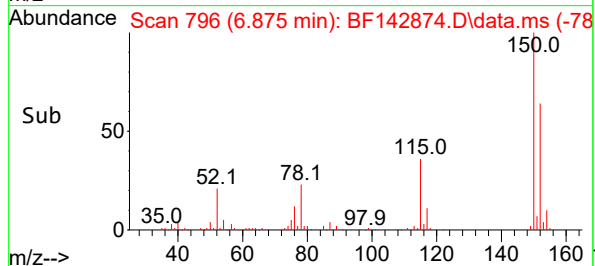
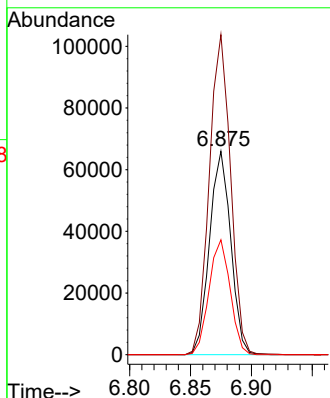
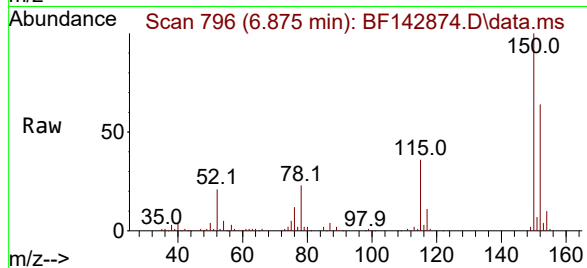




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142874.D
Acq: 26 Jun 2025 18:05

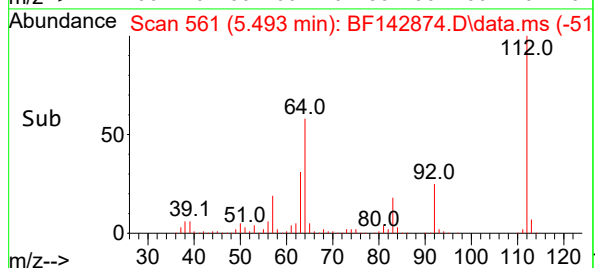
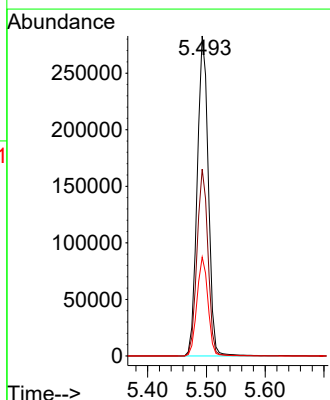
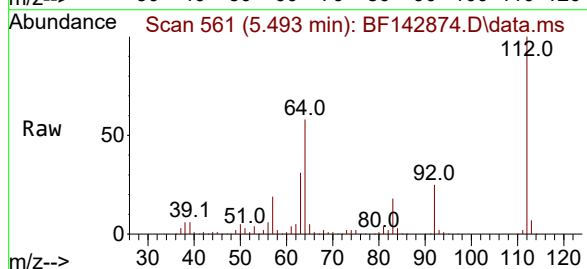
Instrument :
BNA_F
ClientSampleId :
COMP-1

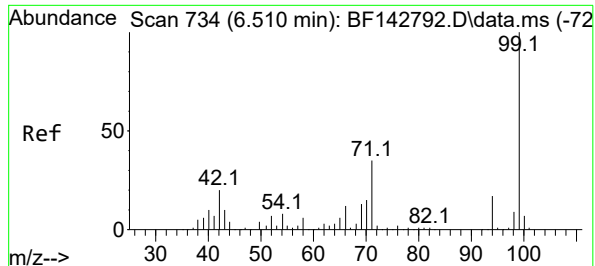
Tgt Ion:152 Resp: 80015
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 56.5 46.6 69.8



#5
2-Fluorophenol
Concen: 77.161 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142874.D
Acq: 26 Jun 2025 18:05

Tgt Ion:112 Resp: 370830
Ion Ratio Lower Upper
112 100
64 58.4 48.2 72.2
63 30.9 25.7 38.5

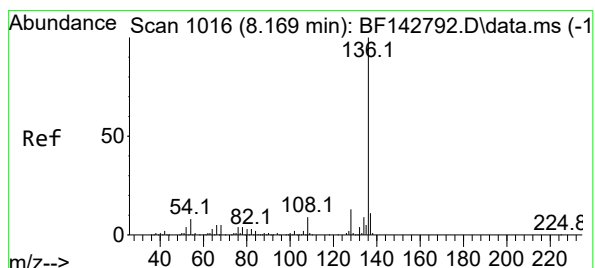
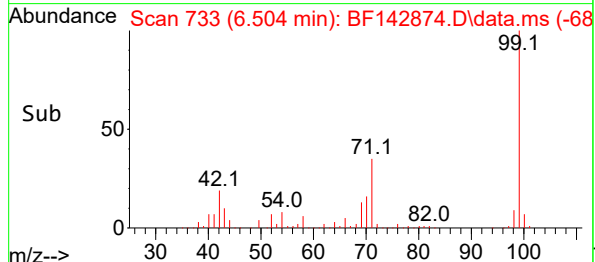
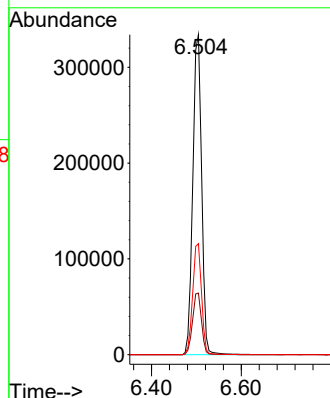
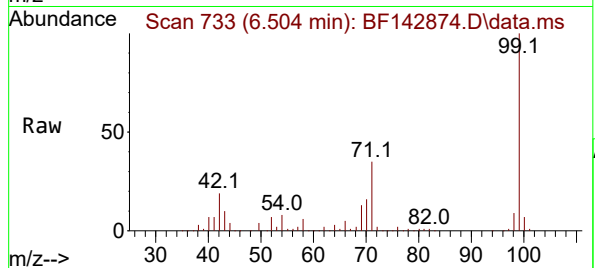




#7
Phenol-d6
Concen: 80.834 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142874.D
Acq: 26 Jun 2025 18:05

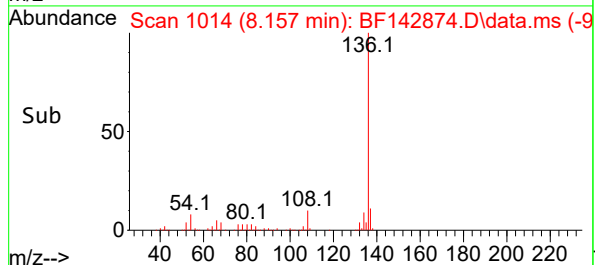
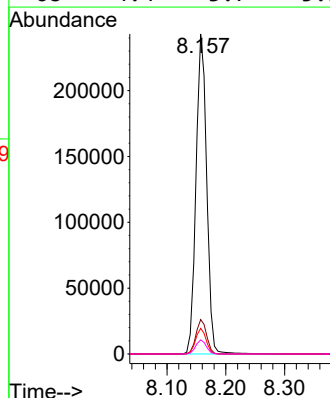
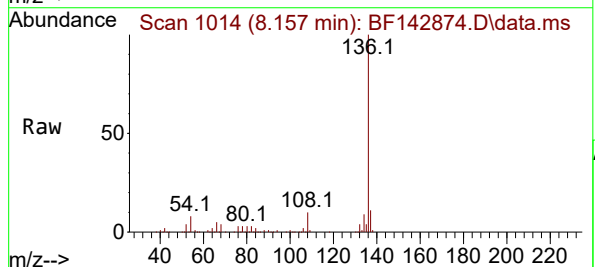
Instrument :
BNA_F
ClientSampleId :
COMP-1

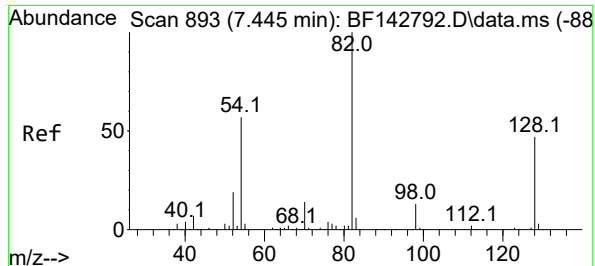
Tgt Ion: 99 Resp: 458335
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 34.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142874.D
Acq: 26 Jun 2025 18:05

Tgt Ion: 136 Resp: 306273
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.0 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 50.372 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF142874.D

Acq: 26 Jun 2025 18:05

Instrument :

BNA_F

ClientSampleId :

COMP-1

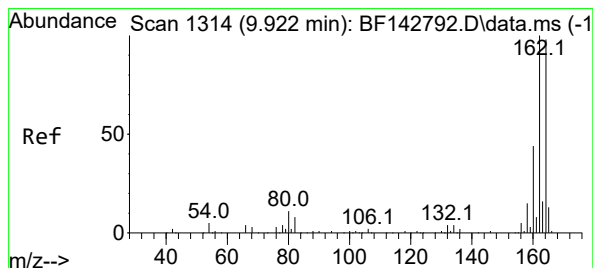
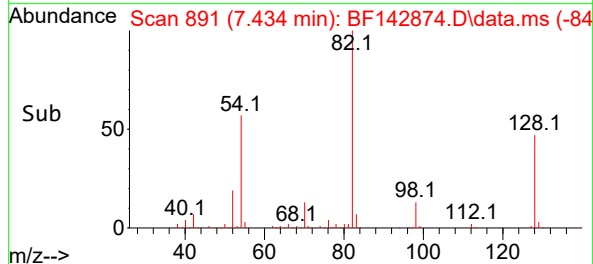
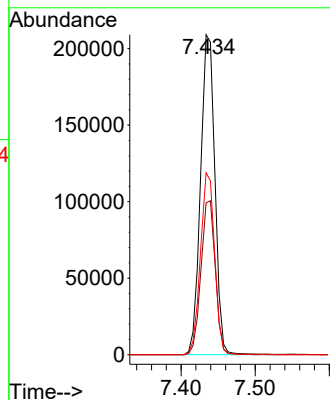
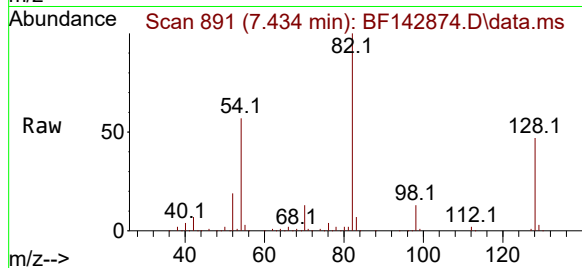
Tgt Ion: 82 Resp: 281264

Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

54 56.9 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: BF142874.D

Acq: 26 Jun 2025 18:05

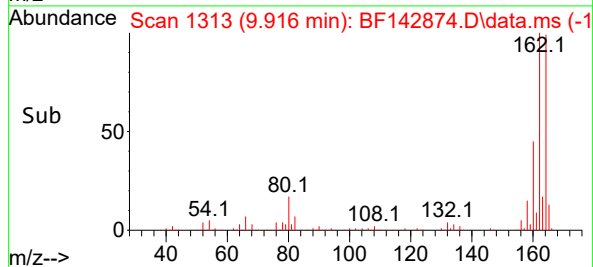
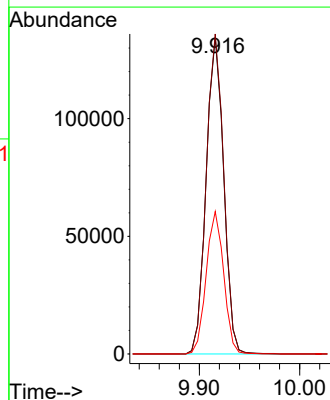
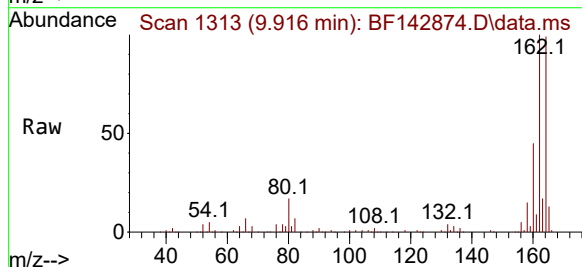
Tgt Ion:164 Resp: 163617

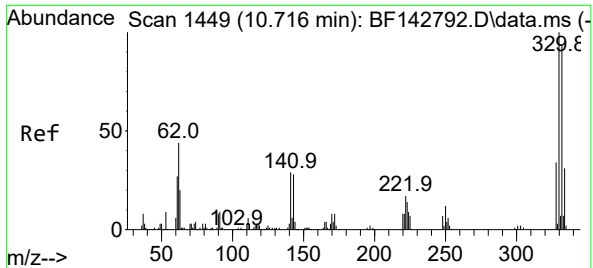
Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.8

160 45.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 49.340 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF142874.D

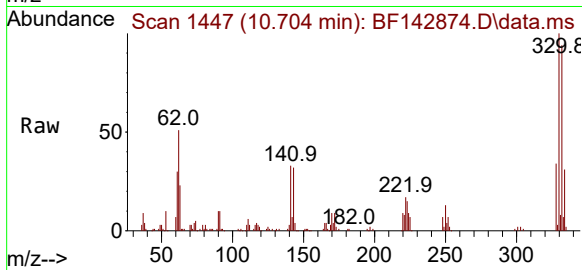
Acq: 26 Jun 2025 18:05

Instrument :

BNA_F

ClientSampleId :

COMP-1



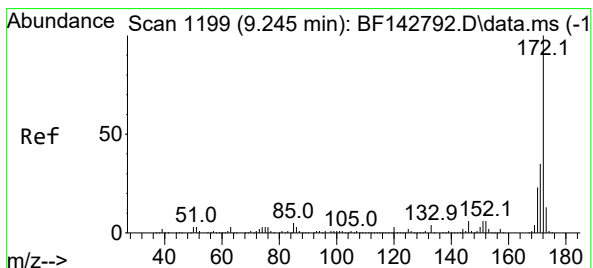
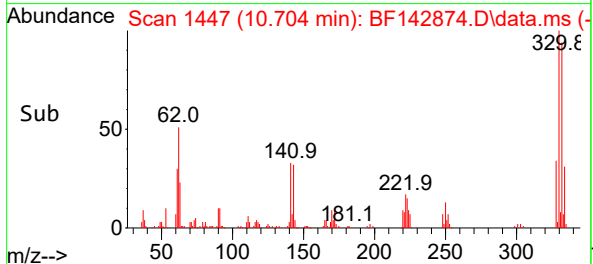
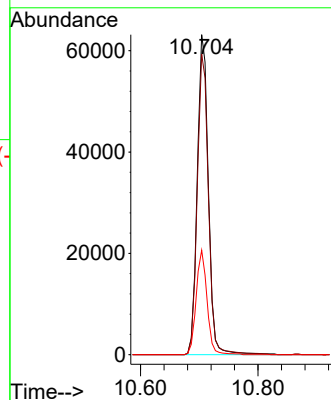
Tgt Ion:330 Resp: 83075

Ion Ratio Lower Upper

330 100

332 94.5 75.0 112.6

141 31.9 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 51.125 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF142874.D

Acq: 26 Jun 2025 18:05

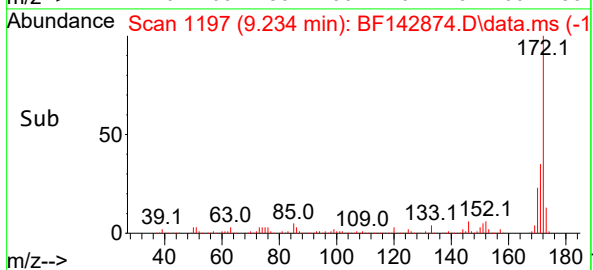
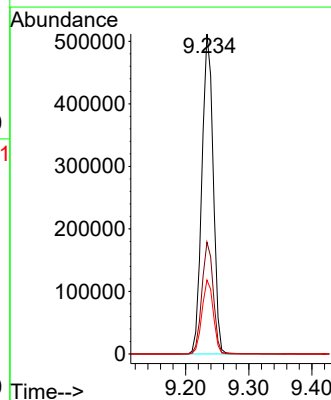
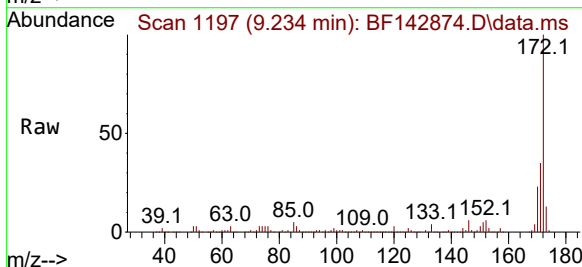
Tgt Ion:172 Resp: 636753

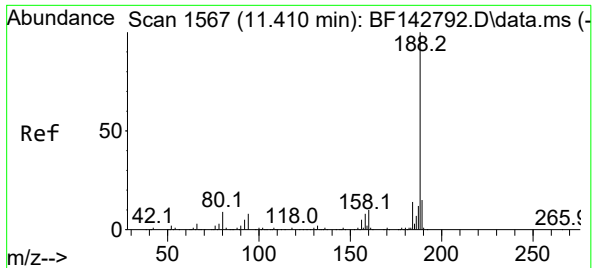
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.1 18.5 27.7

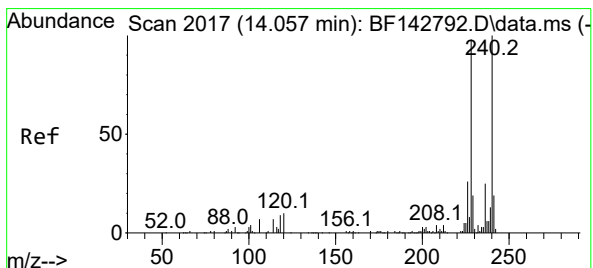
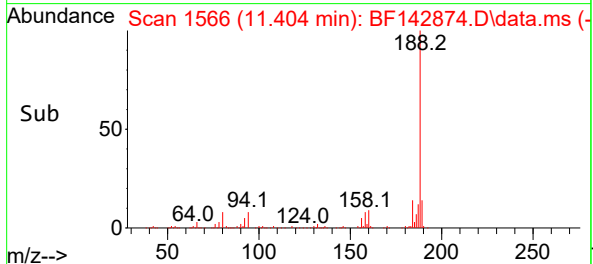
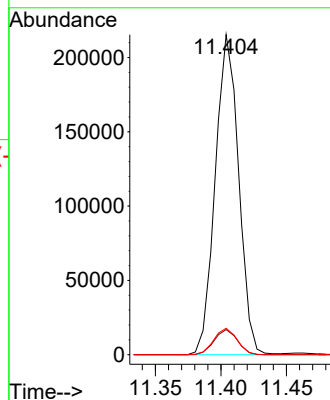
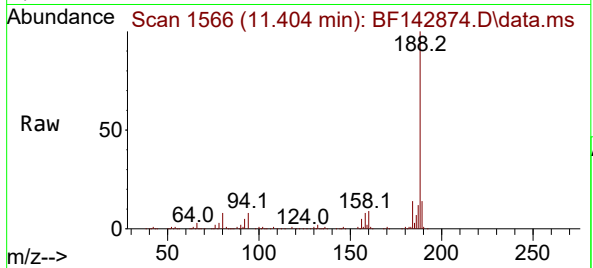




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142874.D
Acq: 26 Jun 2025 18:05

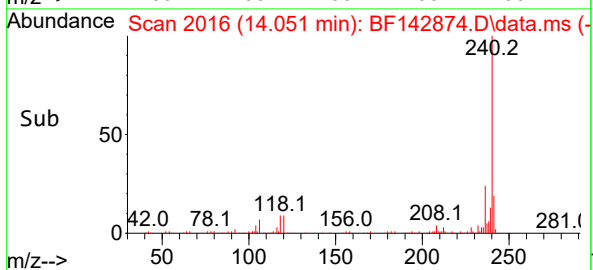
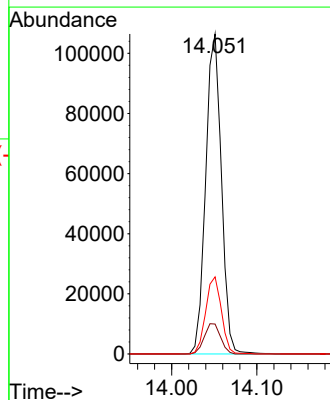
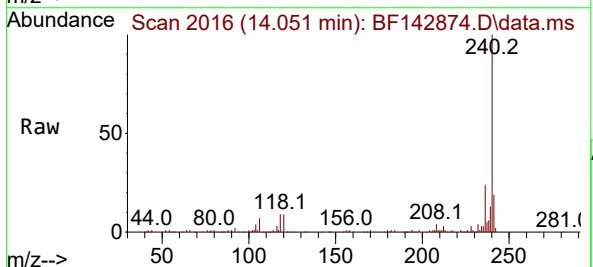
Instrument :
BNA_F
ClientSampleId :
COMP-1

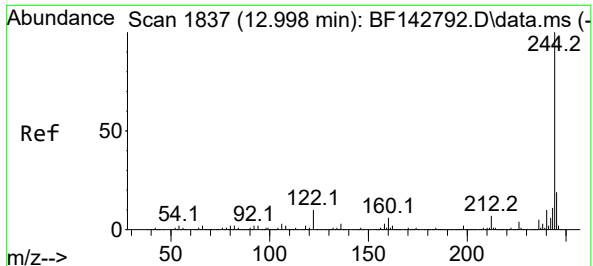
Tgt Ion:188 Resp: 266840
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142874.D
Acq: 26 Jun 2025 18:05

Tgt Ion:240 Resp: 136110
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 24.1 19.8 29.8





#79

Terphenyl-d14

Concen: 50.447 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142874.D

Acq: 26 Jun 2025 18:05

Instrument :

BNA_F

ClientSampleId :

COMP-1

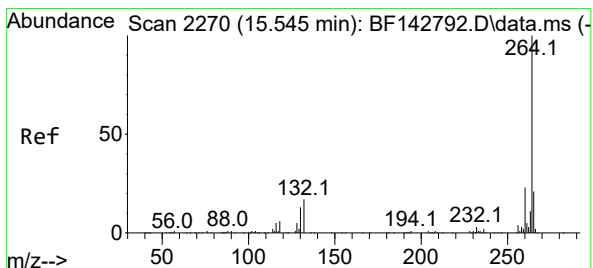
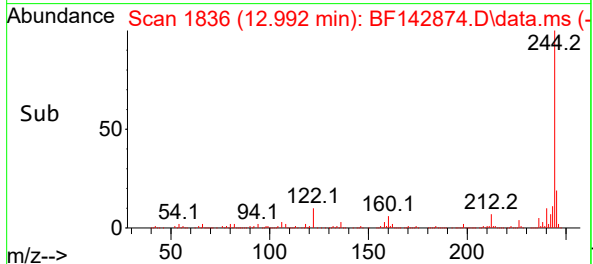
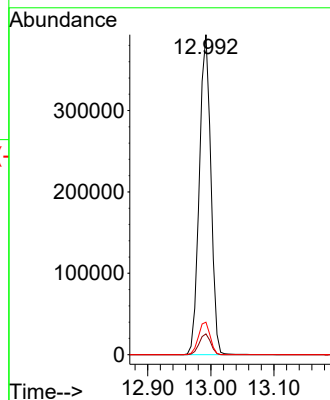
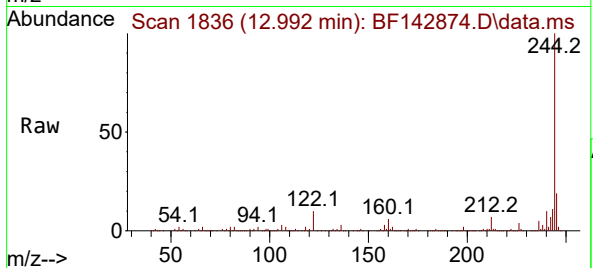
Tgt Ion:244 Resp: 496947

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 10.1 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF142874.D

Acq: 26 Jun 2025 18:05

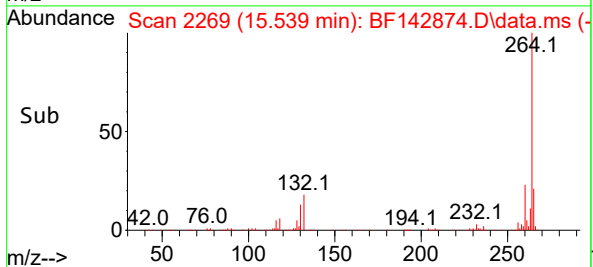
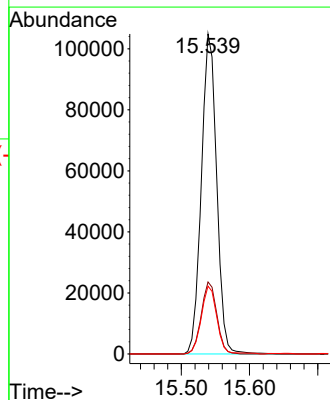
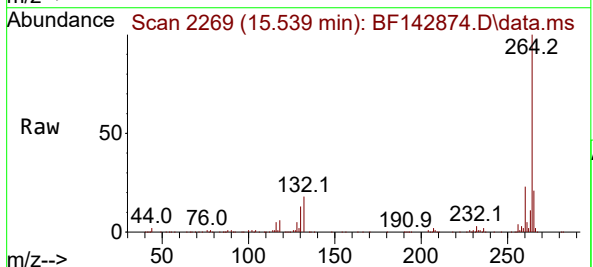
Tgt Ion:264 Resp: 163547

Ion Ratio Lower Upper

264 100

260 22.5 18.1 27.1

265 21.2 16.6 25.0



Report of Analysis

Client:	Kleinfelder	Date Collected:	06/24/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	COMP-2	SDG No.:	Q2425
Lab Sample ID:	Q2425-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142887.D	1	06/26/25 09:20	06/27/25 12:21	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	28.4	U	28.4	210	ug/Kg
86-73-7	Fluorene	31.7	U	31.7	210	ug/Kg
85-01-8	Phenanthrene	26.2	U	26.2	210	ug/Kg
120-12-7	Anthracene	41.7	U	41.7	210	ug/Kg
129-00-0	Pyrene	45.1	U	45.1	210	ug/Kg
56-55-3	Benzo(a)anthracene	28.8	U	28.8	210	ug/Kg
218-01-9	Chrysene	24.9	U	24.9	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.8	U	23.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	36.9	U	36.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36.4	U	36.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32.2	U	32.2	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	83.7		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.9		20 - 109	80%	SPK: 100
1718-51-0	Terphenyl-d14	63.3		10 - 105	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69200	6.875			
1146-65-2	Naphthalene-d8	263000	8.157			
15067-26-2	Acenaphthene-d10	136000	9.916			
1517-22-2	Phenanthrene-d10	203000	11.404			
1719-03-5	Chrysene-d12	150000	14.051			
1520-96-3	Perylene-d12	149000	15.545			

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/24/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	COMP-2	SDG No.:	Q2425
Lab Sample ID:	Q2425-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Test:	SVOCMS Group1
		Final Vol:	1000
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142887.D	1	06/26/25 09:20	06/27/25 12:21	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142887.D
Acq On : 27 Jun 2025 12:21
Operator : RC/JU
Sample : Q2425-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Time: Jun 27 13:00:27 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	69223	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	263260	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	135660	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	203415	20.000	ng	0.00
76) Chrysene-d12	14.051	240	149806	20.000	ng	0.00
86) Perylene-d12	15.545	264	148502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	536065	128.932	ng	0.00
7) Phenol-d6	6.510	99	653039	133.129	ng	0.00
23) Nitrobenzene-d5	7.439	82	401580	83.670	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	172948	123.885	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	825191	79.908	ng	0.00
79) Terphenyl-d14	12.998	244	686306	63.300	ng	0.00

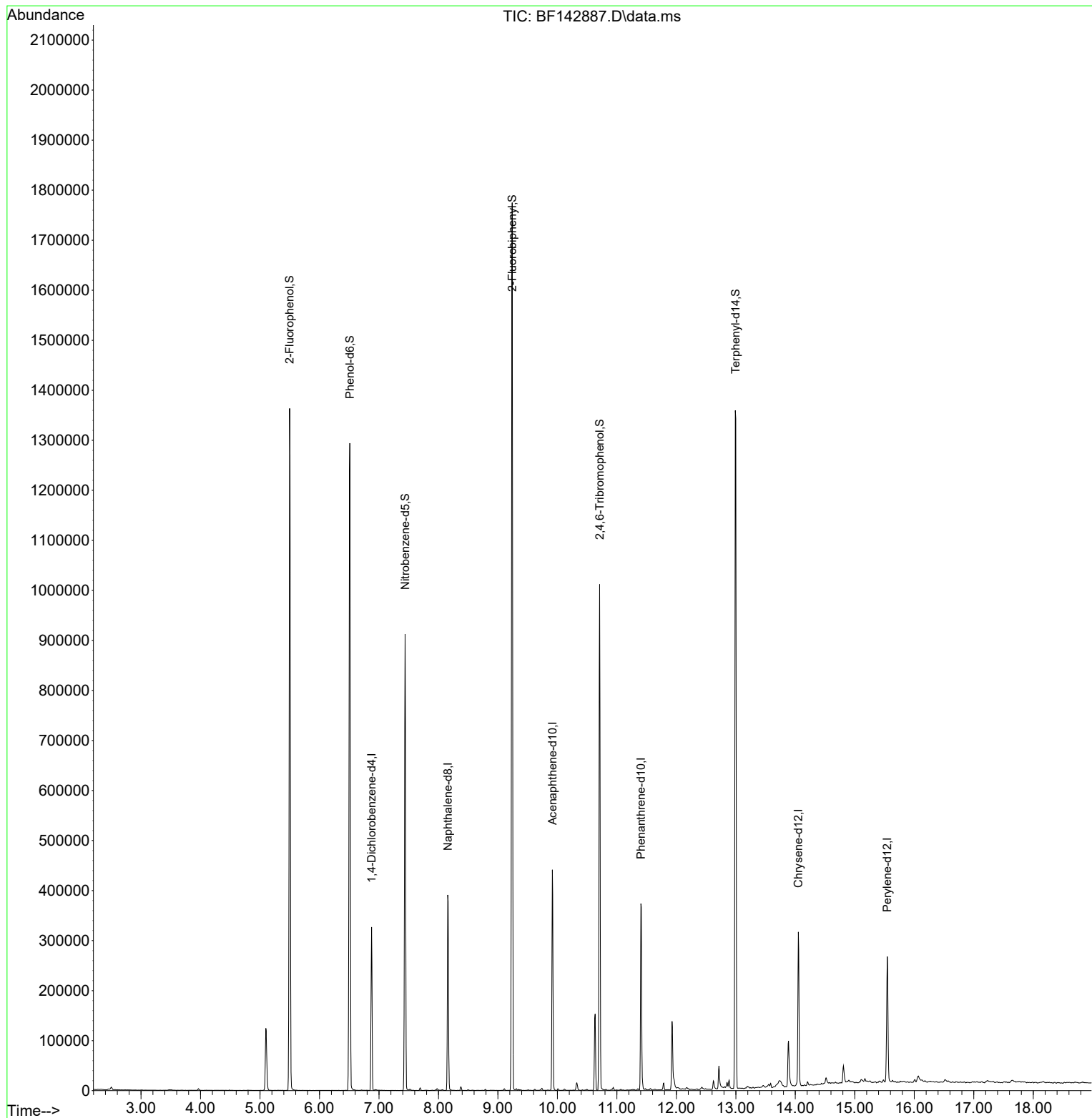
Target Compounds	Qvalue

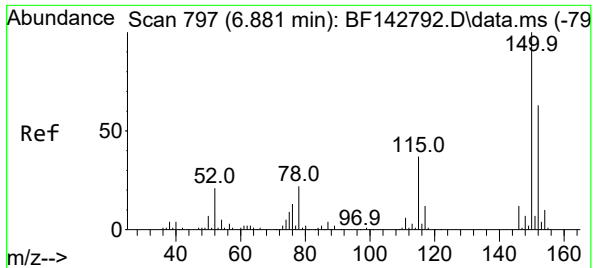
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142887.D
Acq On : 27 Jun 2025 12:21
Operator : RC/JU
Sample : Q2425-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Time: Jun 27 13:00:27 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

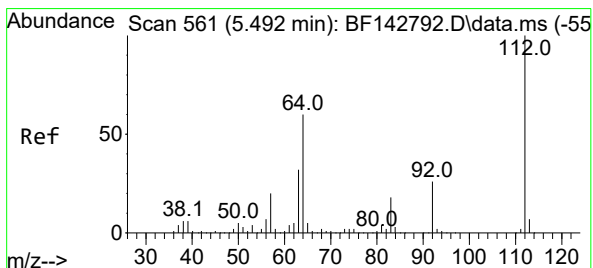
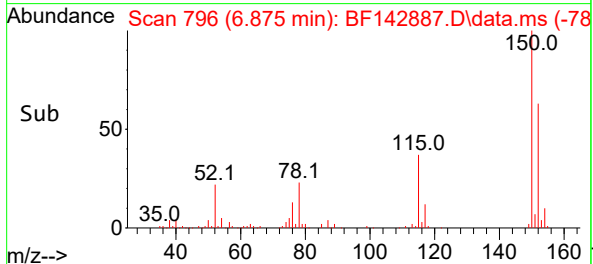
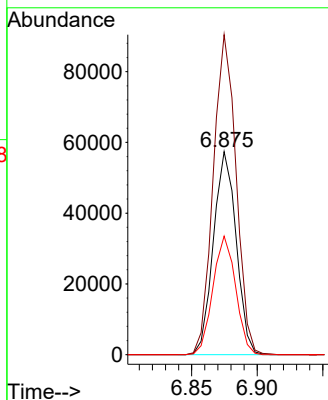
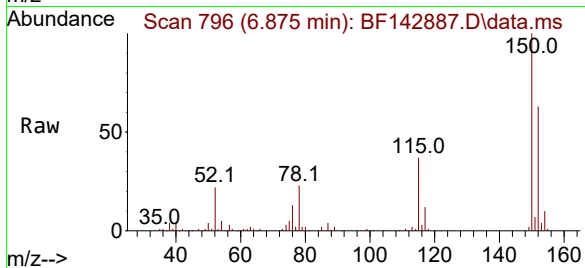




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

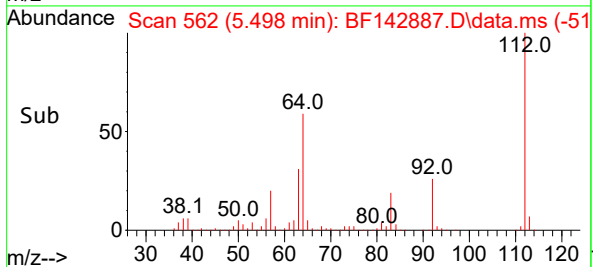
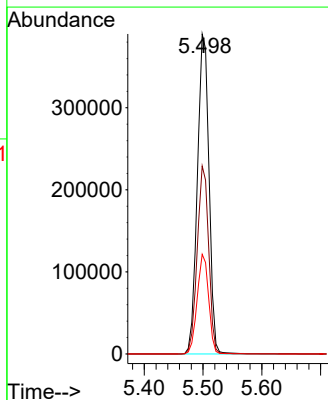
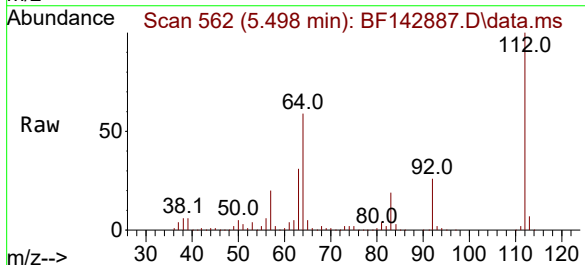
Instrument :
BNA_F
ClientSampleId :
COMP-2

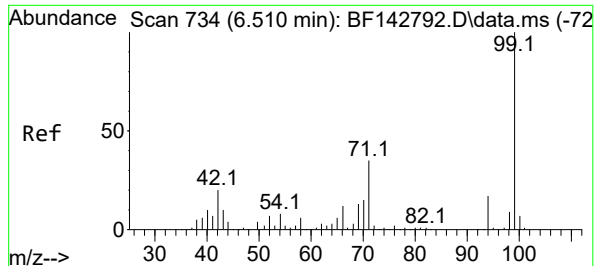
Tgt Ion:152 Resp: 69223
Ion Ratio Lower Upper
152 100
150 157.6 127.2 190.8
115 58.4 46.6 69.8



#5
2-Fluorophenol
Concen: 128.932 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion:112 Resp: 536065
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.2
63 31.2 25.7 38.5

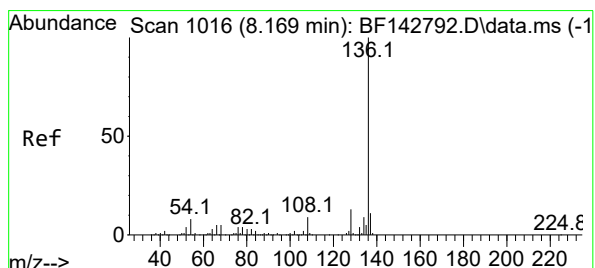
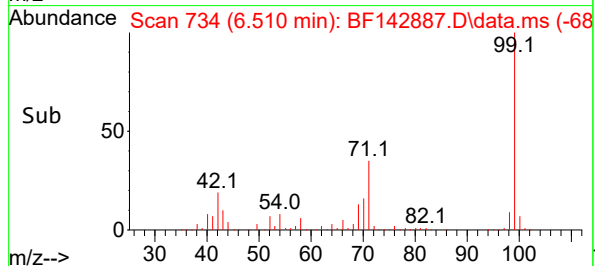
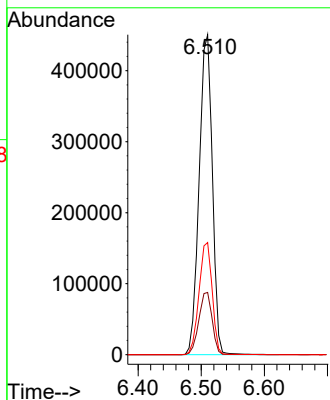
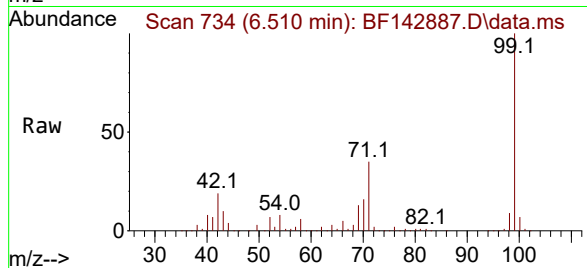




#7
Phenol-d6
Concen: 133.129 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

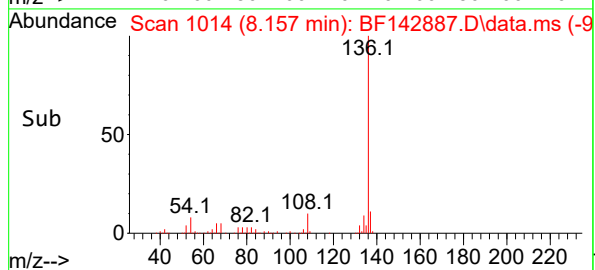
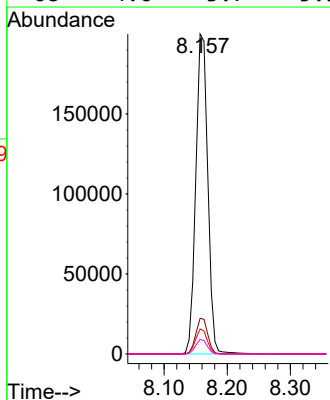
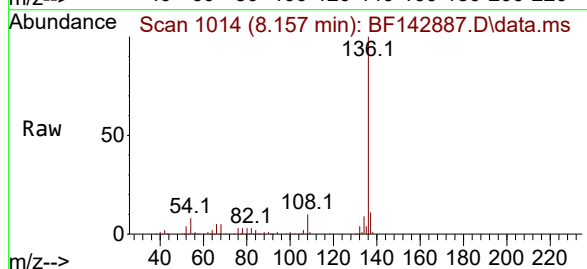
Instrument :
BNA_F
ClientSampleId :
COMP-2

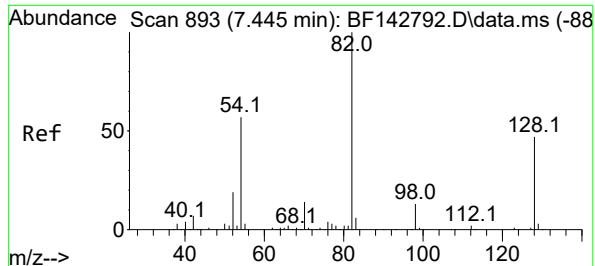
Tgt Ion: 99 Resp: 653039
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion: 136 Resp: 263260
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.8 6.3 9.5
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 83.670 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142887.D

Acq: 27 Jun 2025 12:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

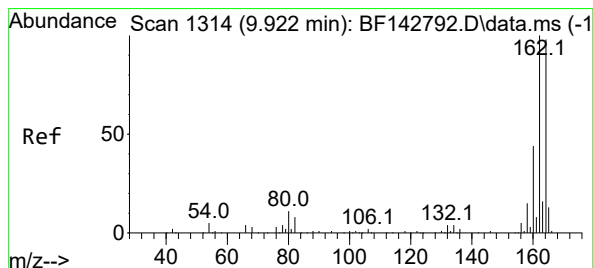
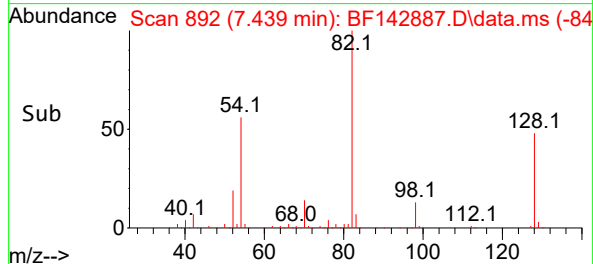
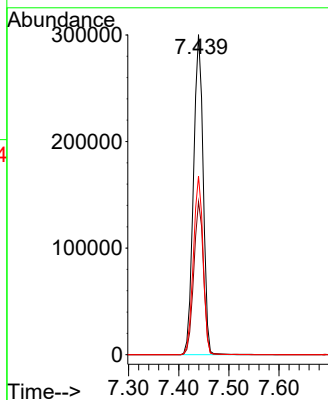
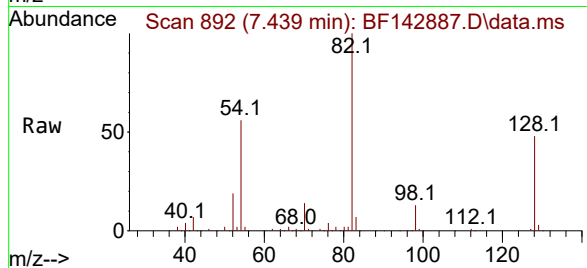
Tgt Ion: 82 Resp: 401580

Ion Ratio Lower Upper

82 100

128 47.8 37.7 56.5

54 55.8 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: BF142887.D

Acq: 27 Jun 2025 12:21

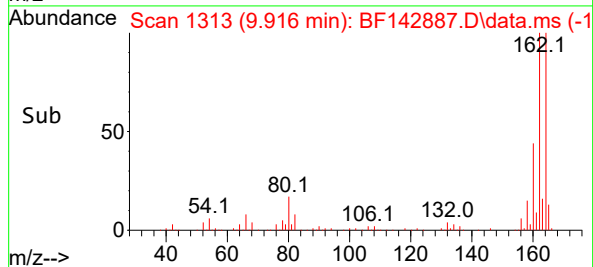
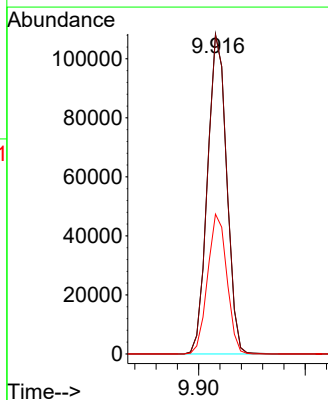
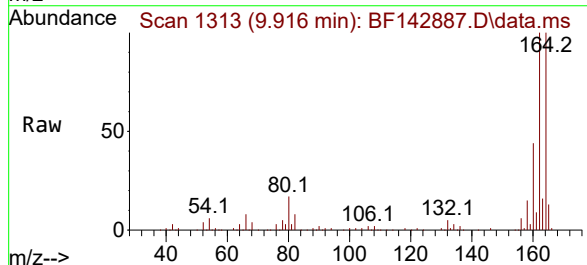
Tgt Ion:164 Resp: 135660

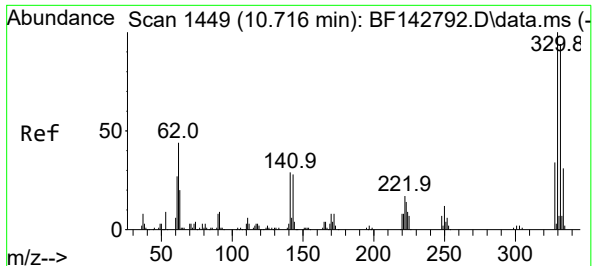
Ion Ratio Lower Upper

164 100

162 99.7 81.8 122.8

160 43.7 36.0 54.0

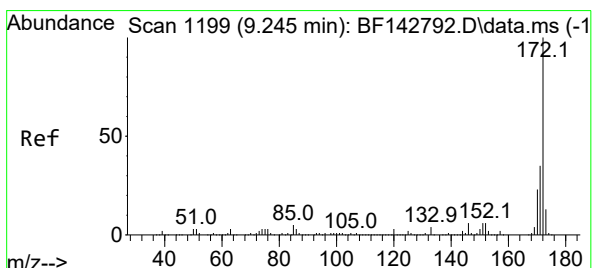
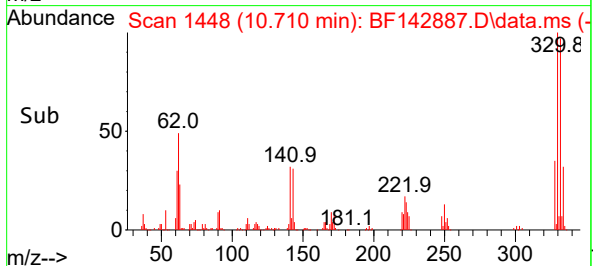
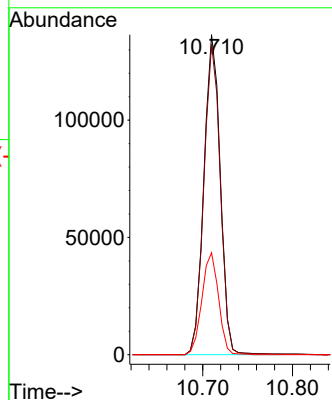
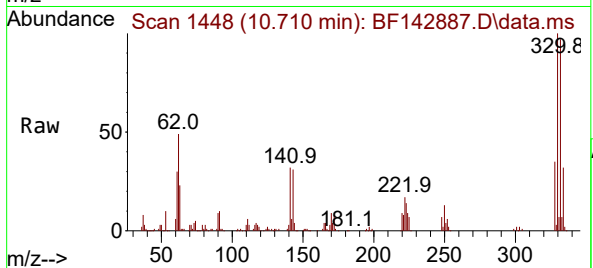




#42
2,4,6-Tribromophenol
Concen: 123.885 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

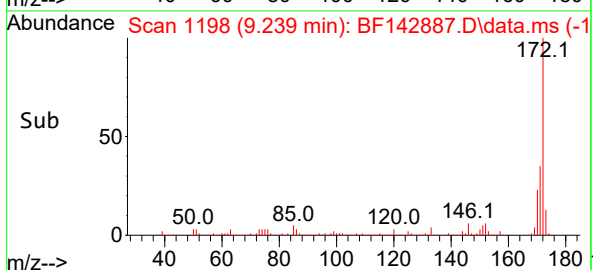
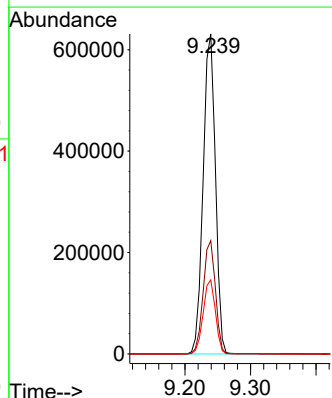
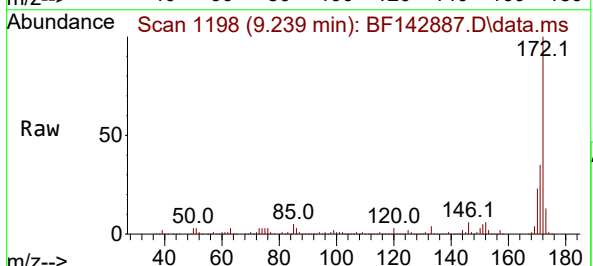
Instrument :
BNA_F
ClientSampleId :
COMP-2

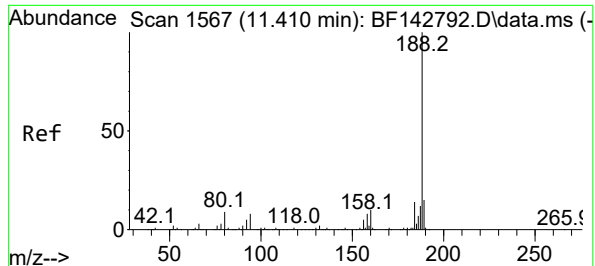
Tgt Ion:330 Resp: 172948
Ion Ratio Lower Upper
330 100
332 97.4 75.0 112.6
141 32.2 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 79.908 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion:172 Resp: 825191
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.1 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142887.D

Acq: 27 Jun 2025 12:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

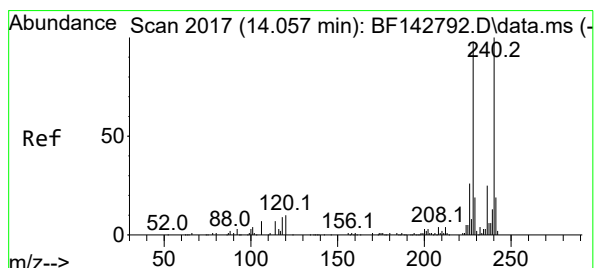
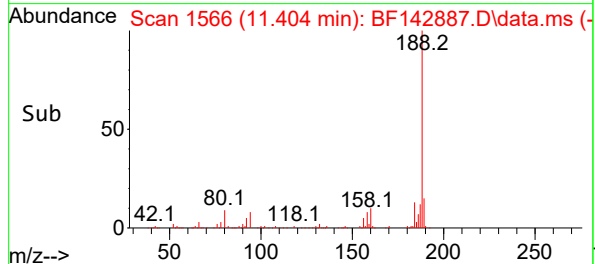
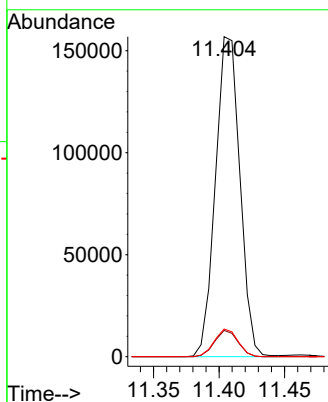
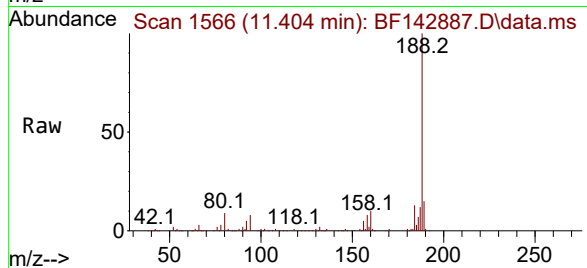
Tgt Ion:188 Resp: 203415

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 8.6 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: BF142887.D

Acq: 27 Jun 2025 12:21

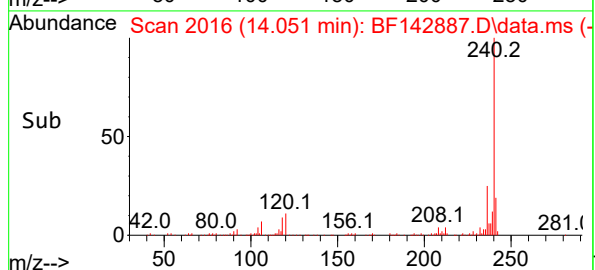
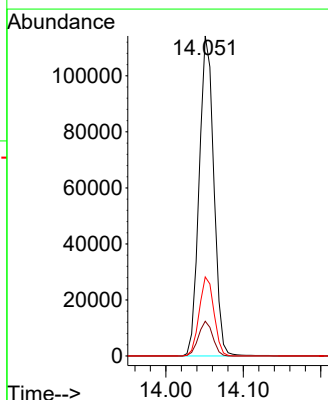
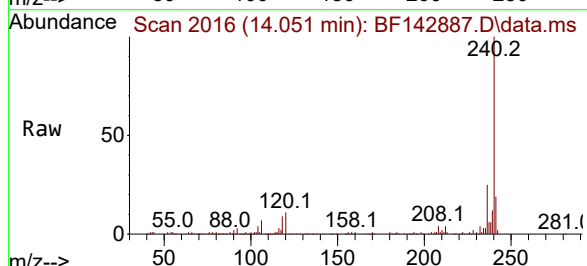
Tgt Ion:240 Resp: 149806

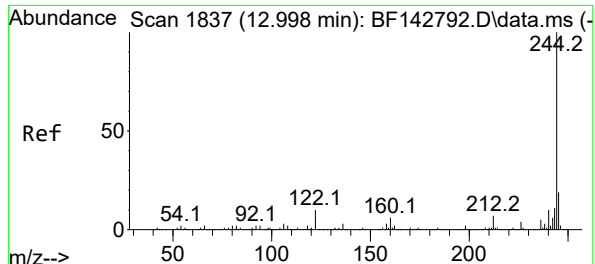
Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

236 24.7 19.8 29.8





#79

Terphenyl-d14

Concen: 63.300 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142887.D

Acq: 27 Jun 2025 12:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

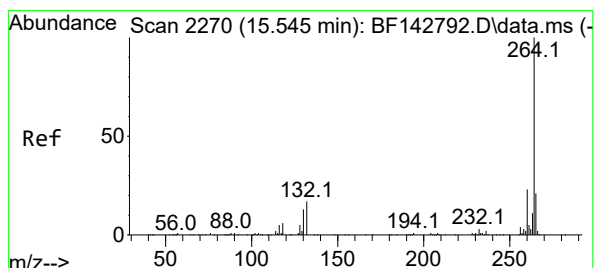
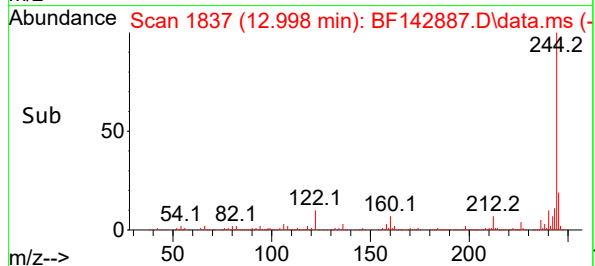
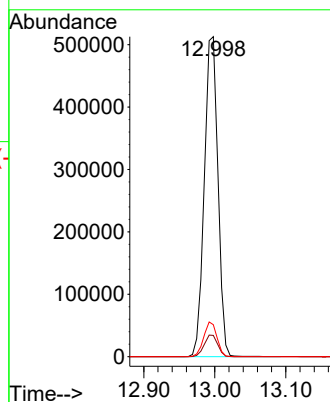
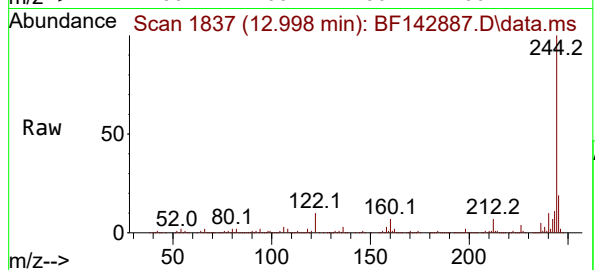
Tgt Ion:244 Resp: 686306

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.0 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: BF142887.D

Acq: 27 Jun 2025 12:21

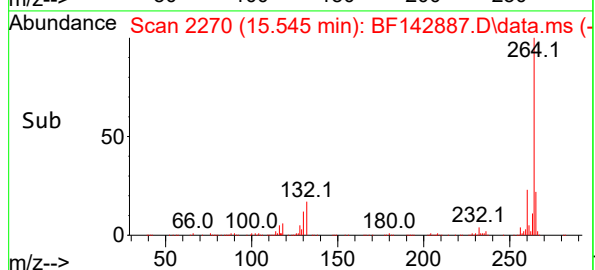
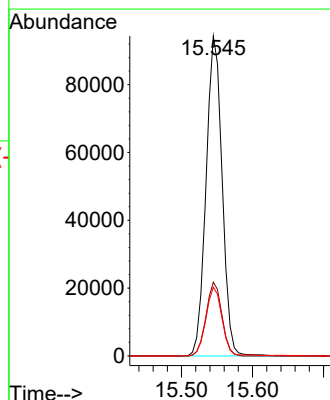
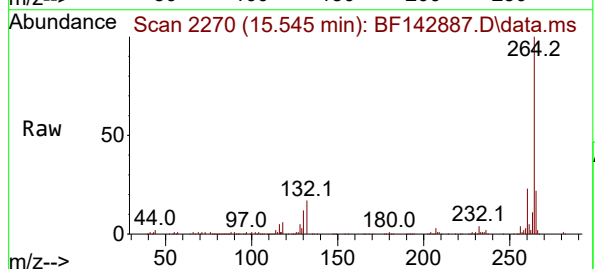
Tgt Ion:264 Resp: 148502

Ion Ratio Lower Upper

264 100

260 23.1 18.1 27.1

265 21.5 16.6 25.0



Report of Analysis

Client:	Kleinfelder	Date Collected:	06/24/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	COMP-3	SDG No.:	Q2425
Lab Sample ID:	Q2425-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142888.D	1	06/26/25 09:20	06/27/25 12:50	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.5	U	27.5	210	ug/Kg
86-73-7	Fluorene	30.6	U	30.6	210	ug/Kg
85-01-8	Phenanthrene	25.3	U	25.3	210	ug/Kg
120-12-7	Anthracene	40.3	U	40.3	210	ug/Kg
129-00-0	Pyrene	43.6	U	43.6	210	ug/Kg
56-55-3	Benzo(a)anthracene	27.8	U	27.8	210	ug/Kg
218-01-9	Chrysene	24.1	U	24.1	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	23.0	U	23.0	210	ug/Kg
50-32-8	Benzo(a)pyrene	35.7	U	35.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35.2	U	35.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31.1	U	31.1	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	49.2		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.4		20 - 109	52%	SPK: 100
1718-51-0	Terphenyl-d14	40.1		10 - 105	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69900	6.875			
1146-65-2	Naphthalene-d8	264000	8.157			
15067-26-2	Acenaphthene-d10	130000	9.916			
1517-22-2	Phenanthrene-d10	197000	11.404			
1719-03-5	Chrysene-d12	148000	14.051			
1520-96-3	Perylene-d12	148000	15.545			

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/24/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	COMP-3	SDG No.:	Q2425
Lab Sample ID:	Q2425-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142888.D	1	06/26/25 09:20	06/27/25 12:50	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142888.D
Acq On : 27 Jun 2025 12:50
Operator : RC/JU
Sample : Q2425-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Jun 27 13:14:29 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	69872	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	263807	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	130470	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	197251	20.000	ng	0.00
76) Chrysene-d12	14.051	240	147517	20.000	ng	0.00
86) Perylene-d12	15.545	264	148110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	334649	79.741	ng	0.00
7) Phenol-d6	6.504	99	405318	81.861	ng	0.00
23) Nitrobenzene-d5	7.440	82	236773	49.230	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	101534	75.623	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	520174	52.375	ng	-0.01
79) Terphenyl-d14	12.992	244	428159	40.103	ng	0.00

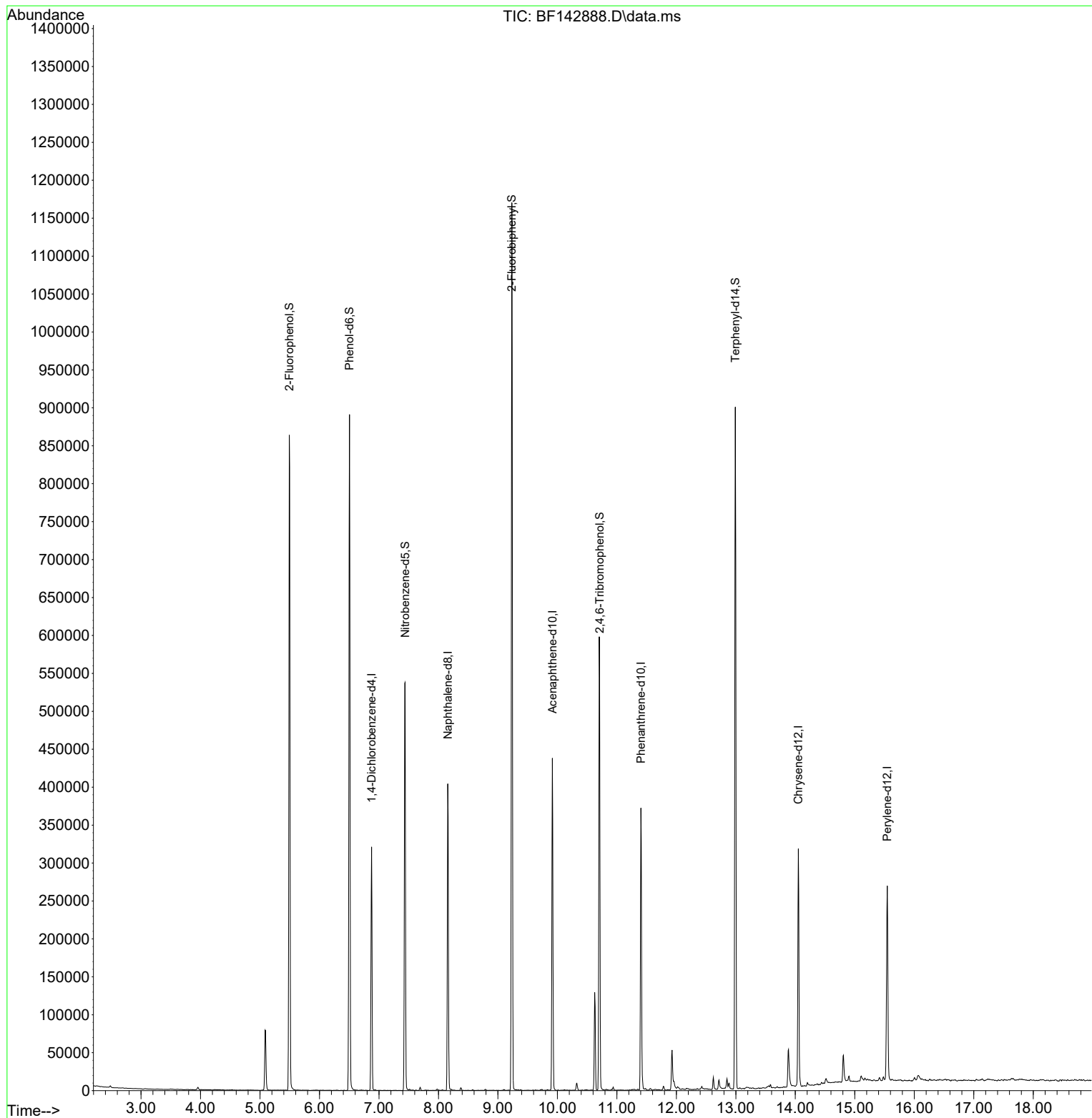
Target Compounds	Qvalue

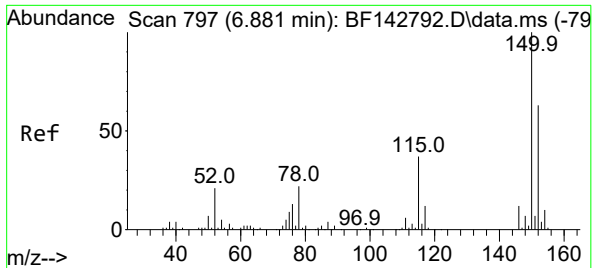
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142888.D
Acq On : 27 Jun 2025 12:50
Operator : RC/JU
Sample : Q2425-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Jun 27 13:14:29 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

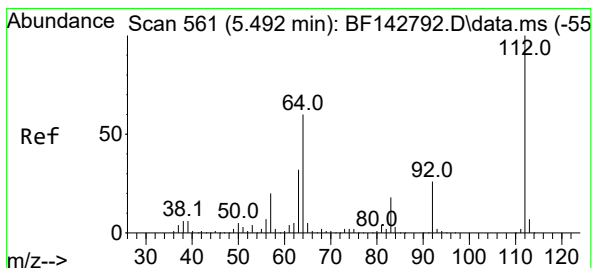
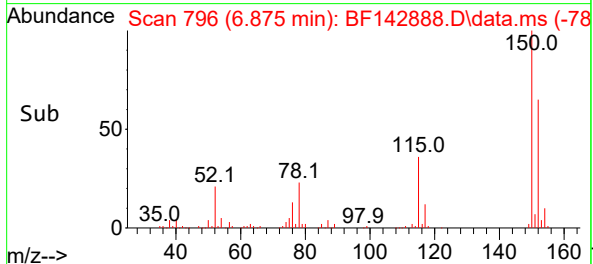
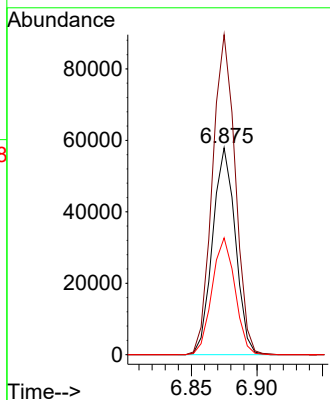
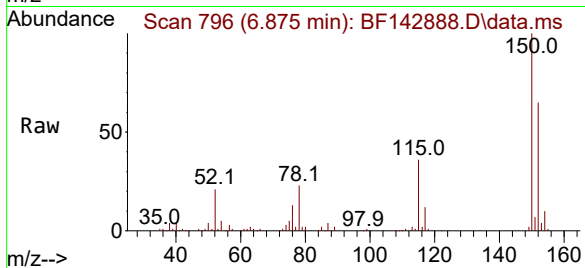




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

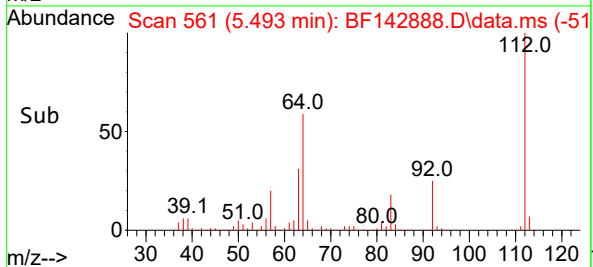
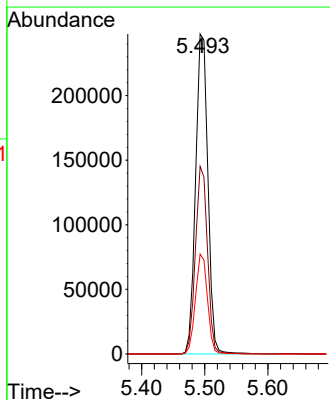
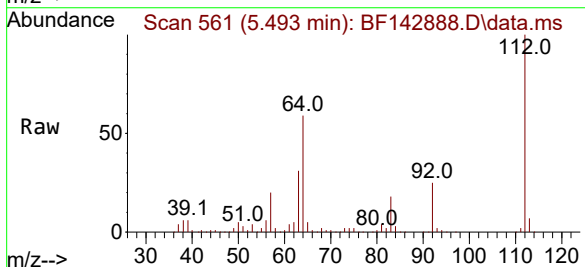
Instrument :
BNA_F
ClientSampleId :
COMP-3

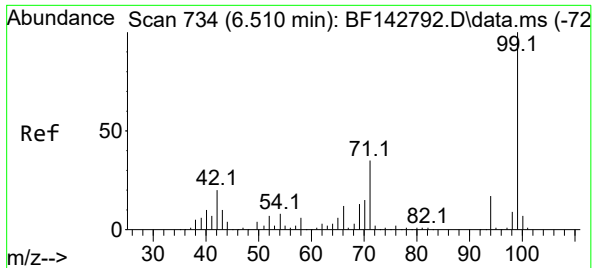
Tgt Ion:152 Resp: 69872
Ion Ratio Lower Upper
152 100
150 154.7 127.2 190.8
115 56.5 46.6 69.8



#5
2-Fluorophenol
Concen: 79.741 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

Tgt Ion:112 Resp: 334649
Ion Ratio Lower Upper
112 100
64 58.6 48.2 72.2
63 31.2 25.7 38.5

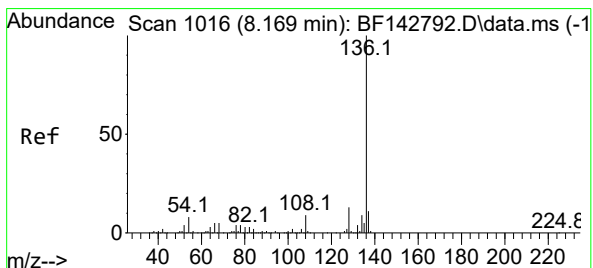
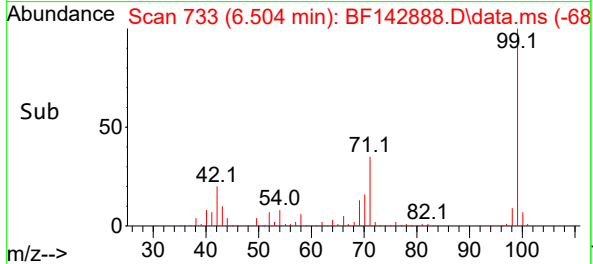
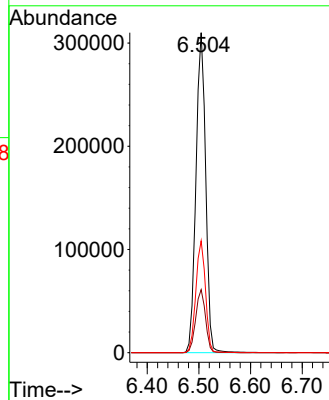
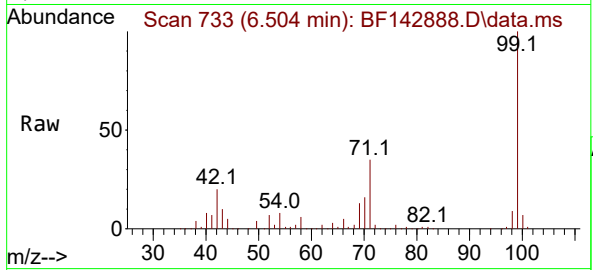




#7
Phenol-d6
Concen: 81.861 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

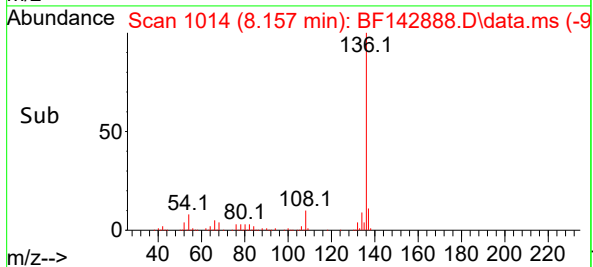
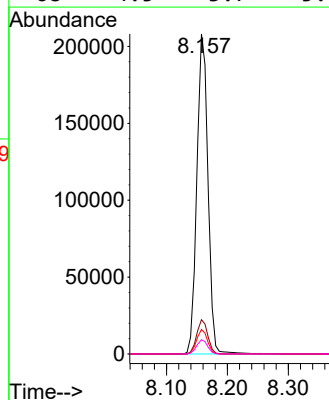
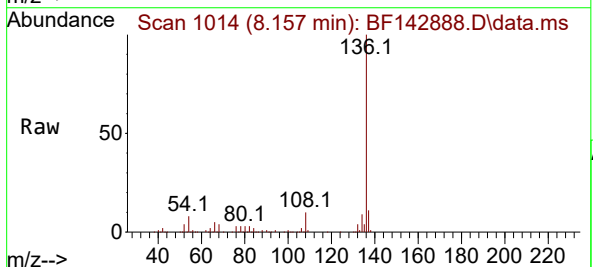
Instrument :
BNA_F
ClientSampleId :
COMP-3

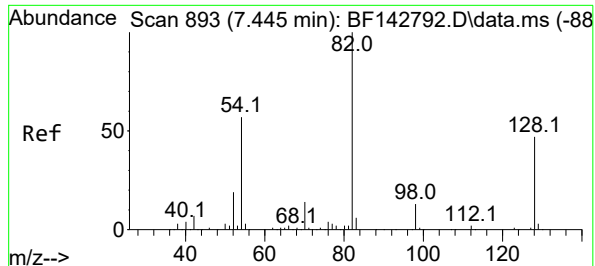
Tgt Ion: 99 Resp: 405318
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

Tgt Ion: 136 Resp: 263807
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.7 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 49.230 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.005 min

Lab File: BF142888.D

Acq: 27 Jun 2025 12:50

Instrument :

BNA_F

ClientSampleId :

COMP-3

Tgt Ion: 82 Resp: 236773

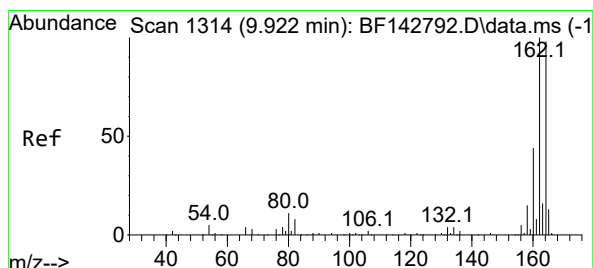
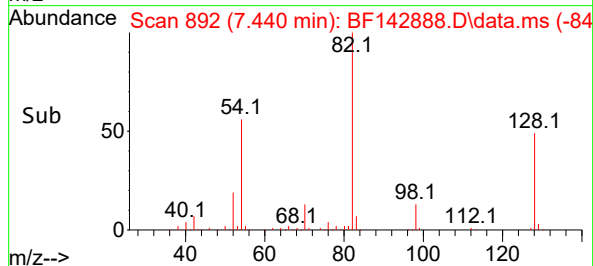
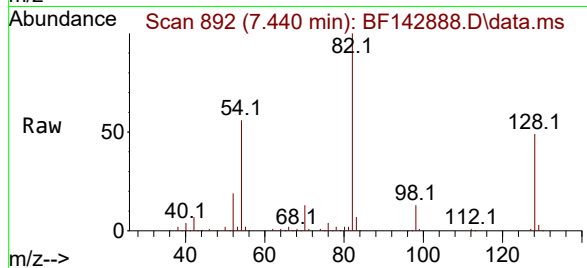
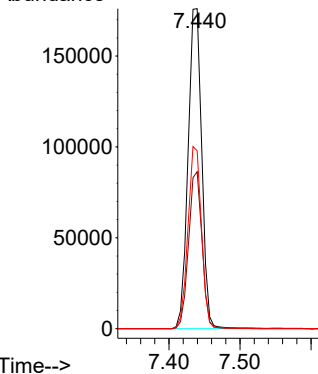
Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.7	56.5
54	55.6	45.7	68.5

82

128

54

Abundance



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF142888.D

Acq: 27 Jun 2025 12:50

Tgt Ion:164 Resp: 130470

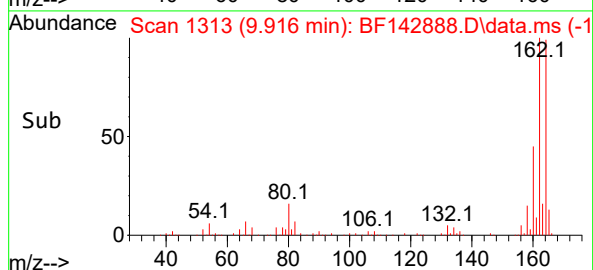
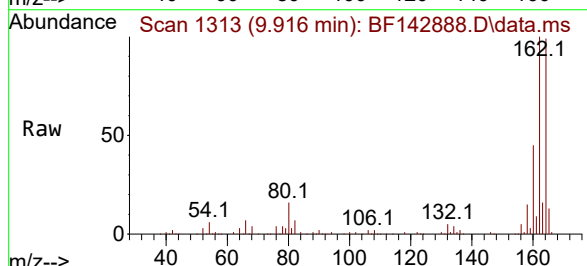
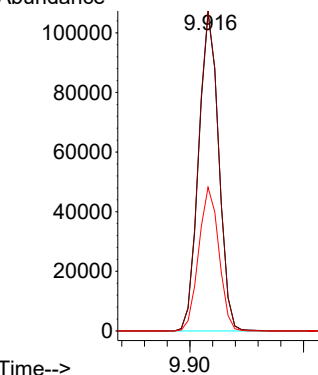
Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.8	122.8
160	45.2	36.0	54.0

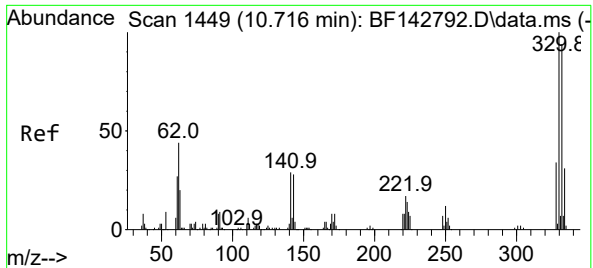
164

162

160

Abundance





#42

2,4,6-Tribromophenol

Concen: 75.623 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142888.D

Acq: 27 Jun 2025 12:50

Instrument :

BNA_F

ClientSampleId :

COMP-3

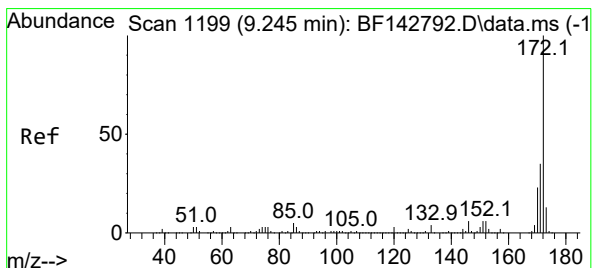
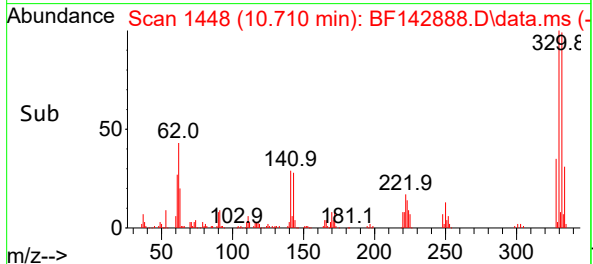
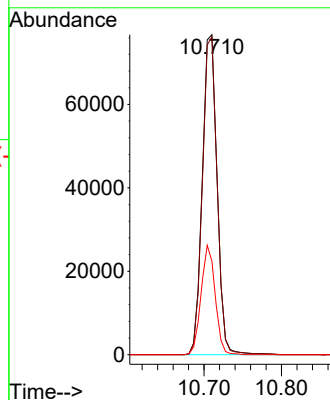
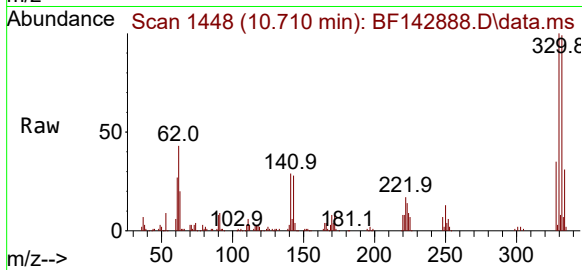
Tgt Ion:330 Resp: 101534

Ion Ratio Lower Upper

330 100

332 98.5 75.0 112.6

141 32.5 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 52.375 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF142888.D

Acq: 27 Jun 2025 12:50

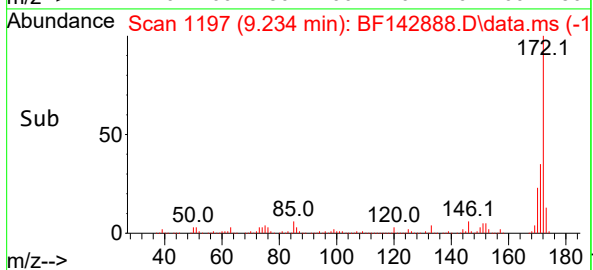
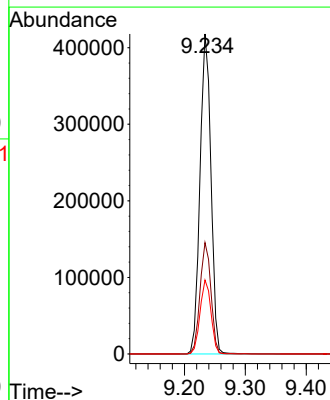
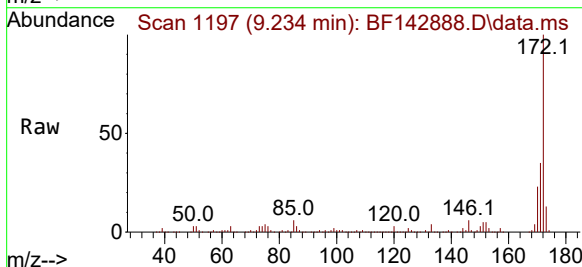
Tgt Ion:172 Resp: 520174

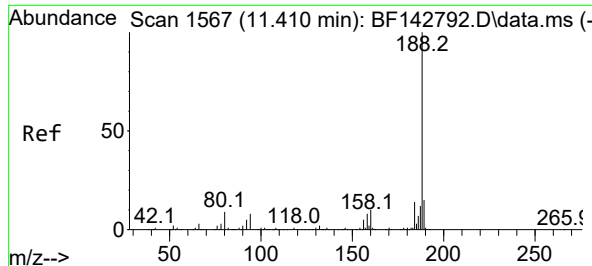
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.1 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142888.D

Acq: 27 Jun 2025 12:50

Instrument :

BNA_F

ClientSampleId :

COMP-3

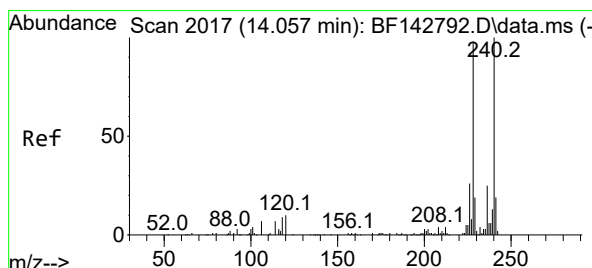
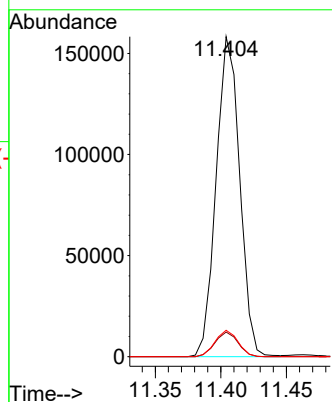
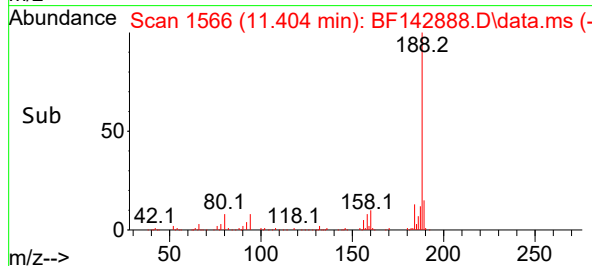
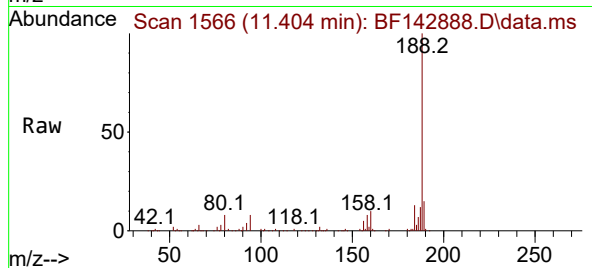
Tgt Ion:188 Resp: 197251

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

80 8.2 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: BF142888.D

Acq: 27 Jun 2025 12:50

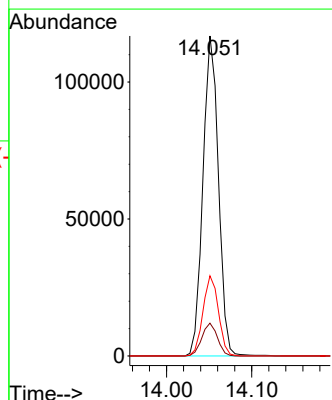
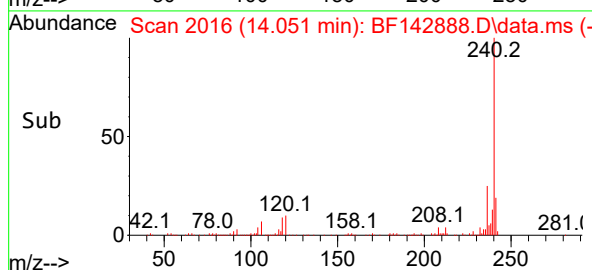
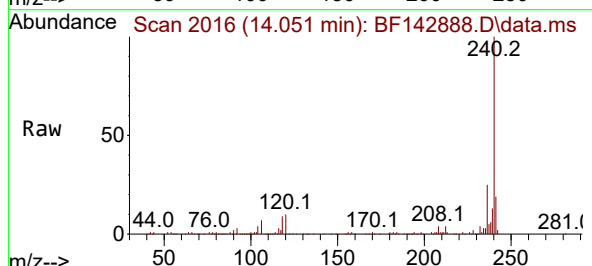
Tgt Ion:240 Resp: 147517

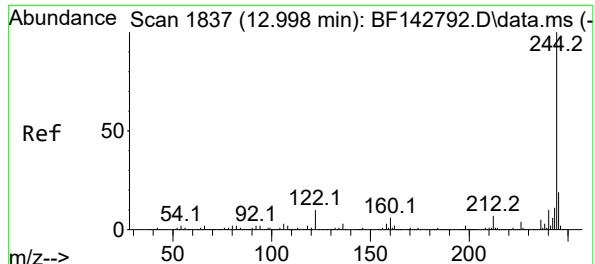
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 25.0 19.8 29.8





#79

Terphenyl-d14

Concen: 40.103 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142888.D

Acq: 27 Jun 2025 12:50

Instrument :

BNA_F

ClientSampleId :

COMP-3

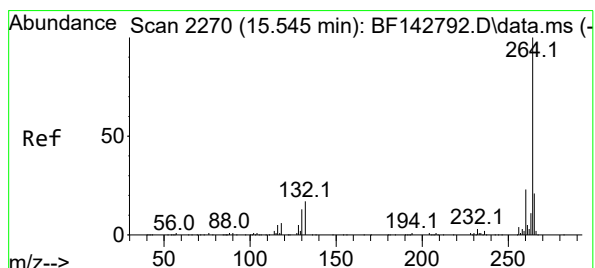
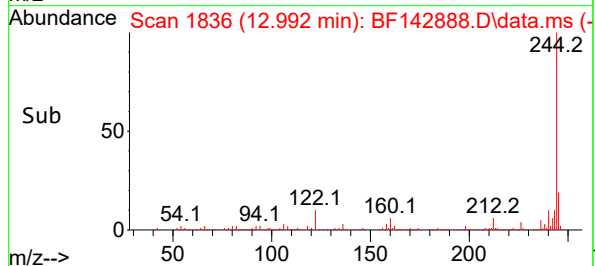
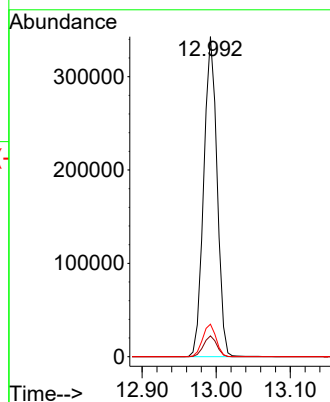
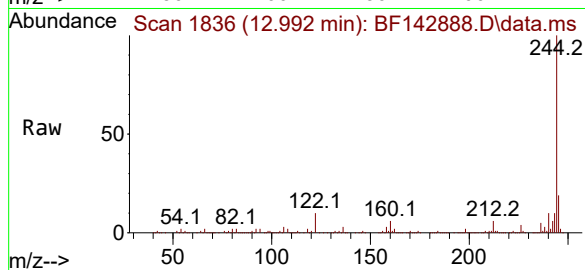
Tgt Ion:244 Resp: 428159

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 10.1 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: BF142888.D

Acq: 27 Jun 2025 12:50

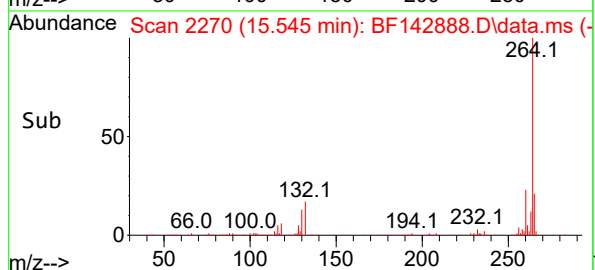
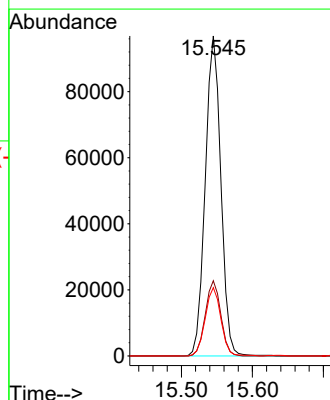
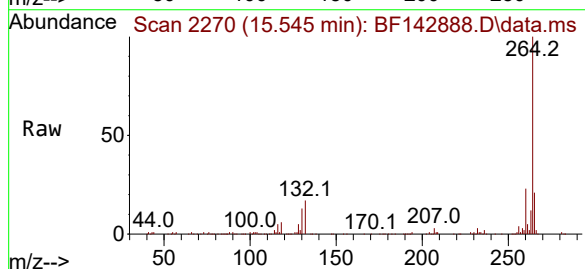
Tgt Ion:264 Resp: 148110

Ion Ratio Lower Upper

264 100

260 23.5 18.1 27.1

265 21.3 16.6 25.0





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: POWE02
 Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG No.: Q2425
 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
Phenol-d6		1.512	1.481	1.423	1.340	1.480	1.417	5.5
Nitrobenzene-d5		0.369	0.362	0.373	0.354	0.386	0.365	3.5
Naphthalene		1.051	1.002	1.004	0.934	1.017	0.979	5.5
2-Fluorobiphenyl		1.740	1.636	1.592	1.430	1.500	1.522	9.2
Fluorene		1.464	1.412	1.395	1.260	1.362	1.334	7.6
2,4,6-Tribromophenol		0.208	0.207	0.214	0.200	0.219	0.206	5.0
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
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
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
Benzo (b) fluoranthene		1.164	1.220	1.226	1.072	1.152	1.157	5.6
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
Benzo (g,h,i) perylene		1.239	1.198	1.266	1.188	1.332	1.234	4.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF061925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Jun 20 05:06:14 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF142788.D 5 =BF142789.D 10 =BF142790.D 20 =BF142791.D 40 =BF142792.D 50 =BF142793.D 60 =BF142794.D 80 =BF142795.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.479	0.499	0.471	0.461	0.509	0.479	0.467	0.480		3.60
3)	Pyridine	1.190	1.195	1.190	1.164	1.303	1.209	1.181	1.205		3.78
4)	n-Nitrosodimet...		0.610	0.617	0.596	0.668	0.632	0.614	0.623		3.98
5) S	2-Fluorophenol	2.475	2.460	2.460	2.299	2.525	2.342	2.256	2.403		4.26
6)	Aniline	1.951	1.944	1.891	1.818	1.982	1.869	1.746	1.886		4.41
7) S	Phenol-d6	3.024	2.962	2.846	2.681	2.959	2.760	2.610	2.834		5.53
8)	2-Chlorophenol	1.362	1.303	1.292	1.245	1.366	1.272	1.231	1.296		4.08
9)	Benzaldehyde		0.988	0.943	0.757	0.832	0.684		0.841		15.02
10) C	Phenol	1.648	1.653	1.591	1.516	1.651	1.530	1.437	1.575		5.31
11)	bis(2-Chloroet...	1.167	1.133	1.134	1.072	1.183	1.116	1.077	1.126		3.71
12)	1,3-Dichlorobe...	1.536	1.499	1.470	1.377	1.500	1.414	1.348	1.449		4.85
13) C	1,4-Dichlorobe...	1.563	1.496	1.472	1.409	1.523	1.425	1.347	1.462		5.04
14)	1,2-Dichlorobe...	1.458	1.422	1.409	1.331	1.451	1.353	1.284	1.387		4.72
15)	Benzyl Alcohol		1.023	1.025	0.976	1.106	1.032	0.985	1.025		4.51
16)	2,2'-oxybis(1-...	1.975	1.869	1.815	1.723	1.879	1.758	1.644	1.809		6.12
17)	2-Methylphenol	1.015	0.997	0.980	0.938	1.043	0.972	0.929	0.982		4.13
18)	Hexachloroethane	0.533	0.521	0.507	0.499	0.539	0.498	0.484	0.511		3.89
19) P	n-Nitroso-di-n...	0.831	0.879	0.840	0.833	0.787	0.847	0.812	0.766	0.824	4.30
20)	3+4-Methylphenols		1.292	1.262	1.176	1.312	1.197	1.108	1.224		6.36
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.464	0.451	0.459	0.418	0.461	0.428	0.406	0.441		5.28
23) S	Nitrobenzene-d5	0.738	0.724	0.747	0.708	0.771	0.724	0.694	0.729		3.48
24)	Nitrobenzene	0.345	0.325	0.332	0.319	0.349	0.326	0.314	0.330		3.88
25)	Isophorone	0.611	0.582	0.592	0.555	0.616	0.584	0.554	0.585		4.17
26) C	2-Nitrophenol	0.169	0.172	0.182	0.178	0.194	0.186	0.176	0.180		4.85
27)	2,4-Dimethylph...	0.322	0.310	0.318	0.300	0.329	0.307	0.294	0.311		3.99
28)	bis(2-Chloroet...	0.386	0.373	0.383	0.355	0.390	0.366	0.351	0.372		4.09
29) C	2,4-Dichloroph...	0.291	0.280	0.290	0.273	0.298	0.277	0.268	0.282		3.77
30)	1,2,4-Trichlor...	0.324	0.316	0.318	0.299	0.324	0.301	0.292	0.310		4.26
31)	Naphthalene	1.051	1.002	1.004	0.934	1.017	0.943	0.902	0.979		5.46
32)	Benzoic acid		0.118	0.147	0.157	0.181	0.180	0.169	0.159		15.08
33)	4-Chloroaniline	0.414	0.408	0.409	0.379	0.421	0.393	0.363	0.398		5.26
34) C	Hexachlorobuta...	0.195	0.188	0.198	0.184	0.200	0.184	0.179	0.190		4.30
35)	Caprolactam		0.073	0.075	0.072	0.081	0.078	0.069	0.075		5.84
36) C	4-Chloro-3-met...	0.300	0.275	0.286	0.269	0.298	0.278	0.260	0.281		5.24
37)	2-Methylnaphth...	0.655	0.621	0.629	0.579	0.631	0.583	0.550	0.607		6.12
38)	1-Methylnaphth...	0.684	0.645	0.650	0.598	0.654	0.604	0.563	0.628		6.56

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF061925.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.626	0.609	0.602	0.557	0.598	0.577	0.563	0.590	4.27
41) P	Hexachlorocycl...		0.235	0.308	0.336	0.365	0.376	0.389	0.335	17.02
42) S	2,4,6-Tribromo...	0.415	0.414	0.428	0.400	0.438	0.411	0.374	0.412	4.96
43) C	2,4,6-Trichlor...	0.385	0.380	0.394	0.365	0.408	0.389	0.371	0.385	3.71
44)	2,4,5-Trichlor...	0.407	0.403	0.421	0.391	0.416	0.407	0.388	0.405	2.95
45) S	2-Fluorobiphenyl	3.480	3.272	3.184	2.861	2.999	2.816	2.702	3.045	9.15
46)	1,1'-Biphenyl	1.701	1.616	1.637	1.505	1.609	1.525	1.466	1.580	5.27
47)	2-Chloronaphth...	1.300	1.202	1.208	1.129	1.209	1.145	1.106	1.186	5.50
48)	2-Nitroaniline	0.321	0.329	0.337	0.324	0.358	0.337	0.320	0.332	3.93
49)	Acenaphthylene	2.110	2.006	2.011	1.861	1.995	1.891	1.787	1.952	5.64
50)	Dimethylphthalate	1.372	1.334	1.330	1.228	1.335	1.277	1.186	1.295	5.17
51)	2,6-Dinitrotol...	0.297	0.279	0.290	0.277	0.294	0.284	0.268	0.284	3.57
52) C	Acenaphthene	1.247	1.199	1.241	1.142	1.228	1.172	1.107	1.191	4.44
53)	3-Nitroaniline	0.311	0.311	0.316	0.302	0.338	0.320	0.292	0.313	4.52
54) P	2,4-Dinitrophenol		0.095	0.129	0.142	0.173	0.163	0.152	0.142	19.61
55)	Dibenzofuran	1.844	1.772	1.763	1.626	1.752	1.660	1.537	1.708	6.13
56) P	4-Nitrophenol		0.189	0.218	0.208	0.238	0.229	0.203	0.214	8.25
57)	2,4-Dinitrotol...	0.373	0.378	0.397	0.367	0.407	0.383	0.338	0.378	5.90
58)	Fluorene	1.464	1.412	1.395	1.260	1.362	1.260	1.183	1.334	7.58
59)	2,3,4,6-Tetrac...	0.327	0.327	0.339	0.312	0.345	0.331	0.304	0.326	4.43
60)	Diethylphthalate	1.328	1.302	1.319	1.211	1.318	1.266	1.141	1.269	5.50
61)	4-Chlorophenyl...	0.713	0.656	0.669	0.599	0.640	0.609	0.568	0.636	7.64
62)	4-Nitroaniline	0.279	0.276	0.297	0.272	0.316	0.300	0.264	0.286	6.48
63)	Azobenzene	1.215	1.149	1.167	1.081	1.176	1.122	1.032	1.134	5.47
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.099	0.119	0.119	0.134	0.130	0.125	0.121	10.04
66) c	n-Nitrosodiphe...	0.736	0.686	0.710	0.670	0.717	0.671	0.662	0.693	4.07
67)	4-Bromophenyl-...	0.231	0.221	0.235	0.218	0.236	0.228	0.225	0.228	3.03
68)	Hexachlorobenzene	0.263	0.248	0.257	0.241	0.262	0.252	0.247	0.253	3.29
69)	Atrazine	0.176	0.172	0.180	0.174	0.195	0.183	0.174	0.179	4.48
70) C	Pentachlorophenol		0.102	0.119	0.125	0.142	0.135	0.133	0.126	11.30
71)	Phenanthrene	1.183	1.113	1.115	1.031	1.122	1.028	0.992	1.083	6.24
72)	Anthracene	1.226	1.123	1.149	1.064	1.140	1.065	1.011	1.111	6.35
73)	Carbazole	1.040	0.986	0.999	0.900	1.002	0.920	0.866	0.959	6.67
74)	Di-n-butylphth...	0.997	1.006	1.045	0.946	1.073	0.989	0.936	0.999	4.92
75) C	Fluoranthene	1.136	1.088	1.090	0.954	1.059	0.972	0.899	1.028	8.44
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine		0.745	0.860	0.773	0.824	0.719	0.587	0.751	12.71
78)	Pyrene	2.110	1.940	1.968	1.742	2.030	1.863	1.468	1.875	11.43
79) S	Terphenyl-d14	3.383	3.111	3.066	2.655	3.070	2.772	2.208	2.895	13.30
80)	Butylbenzylphth...	0.478	0.470	0.538	0.547	0.613	0.597	0.563	0.544	10.01
81)	Benzo(a)anthra...	1.392	1.358	1.366	1.265	1.403	1.376	1.284	1.349	3.98
82)	3,3'-Dichlorob...		0.398	0.440	0.429	0.476	0.445	0.438	0.438	5.73
83)	Chrysene	1.243	1.191	1.208	1.164	1.295	1.177	1.150	1.204	4.17
84)	Bis(2-ethylhex...	0.650	0.675	0.767	0.803	0.861	0.843	0.878	0.782	11.52
85) c	Di-n-octyl pht...		1.207	1.352	1.463	1.610	1.569	1.651	1.475	11.54

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.528	1.488	1.545	1.474	1.648	1.539	1.442	1.523	4.38
88)	Benzo(b)fluora...	1.164	1.220	1.226	1.072	1.152	1.197	1.070	1.157	5.61
89)	Benzo(k)fluora...	1.206	1.004	1.035	1.037	1.193	1.038	1.068	1.083	7.55
90) C	Benzo(a)pyrene	1.142	1.065	1.124	1.069	1.201	1.141	1.084	1.118	4.37
91)	Dibenzo(a,h)an...	1.249	1.214	1.293	1.180	1.337	1.240	1.152	1.238	5.13
92)	Benzo(g,h,i)pe...	1.239	1.198	1.266	1.188	1.332	1.255	1.161	1.234	4.66

(#) = Out of Range

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

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

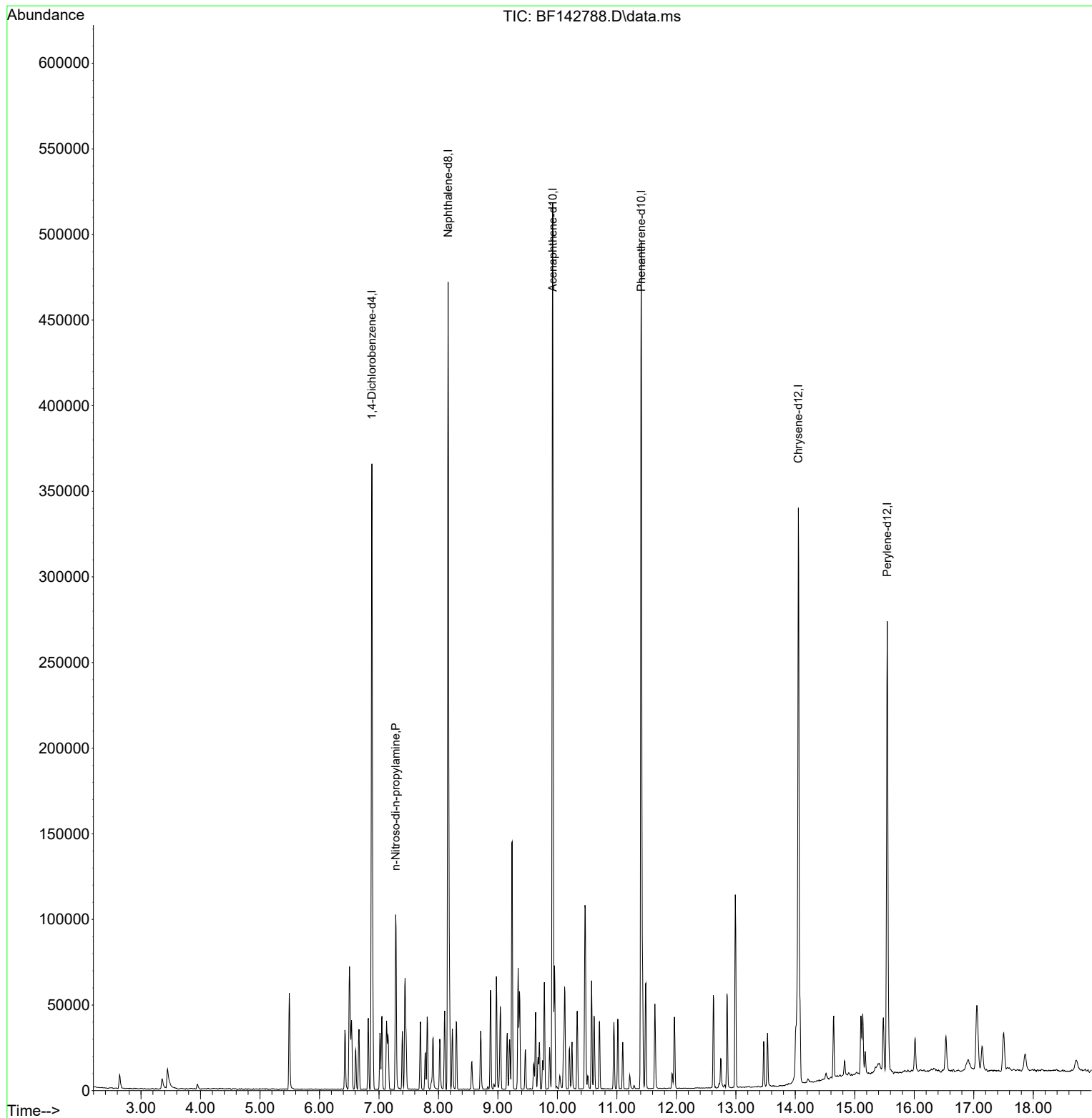
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	77977	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	295295	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	153580	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	258429	20.000	ng	0.00
76) Chrysene-d12	14.051	240	149767	20.000	ng	0.00
86) Perylene-d12	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

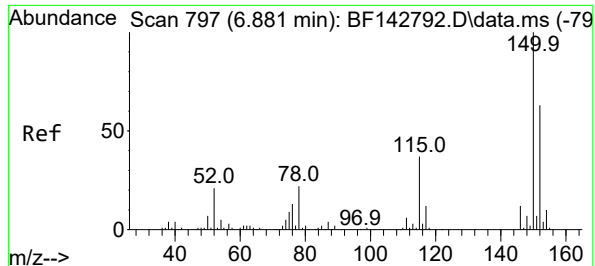
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

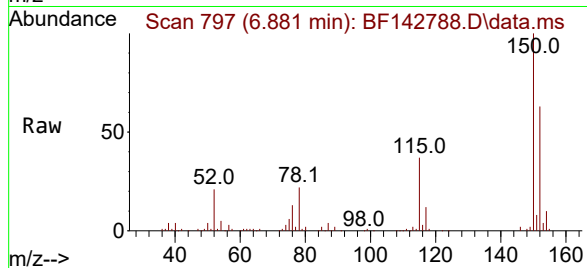
Quant Time: Jun 20 04:37:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 04:36:38 2025
Response via : Initial Calibration



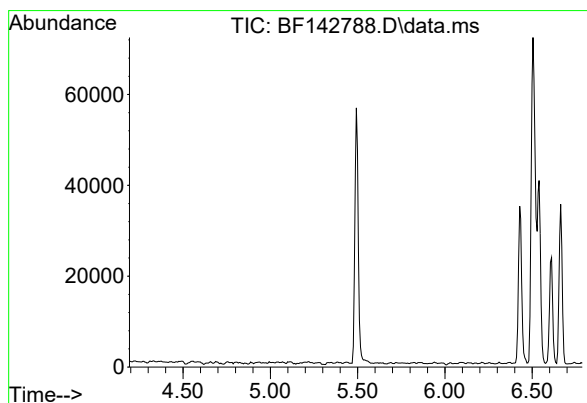
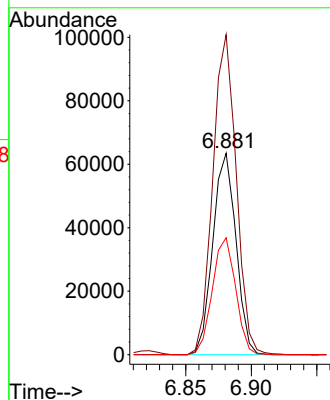
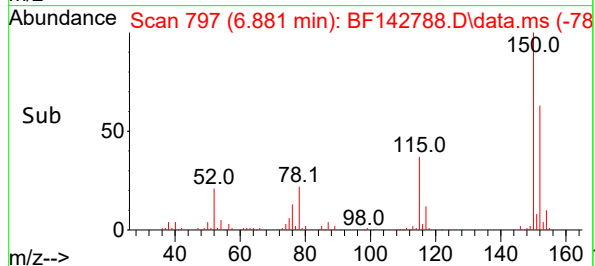


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



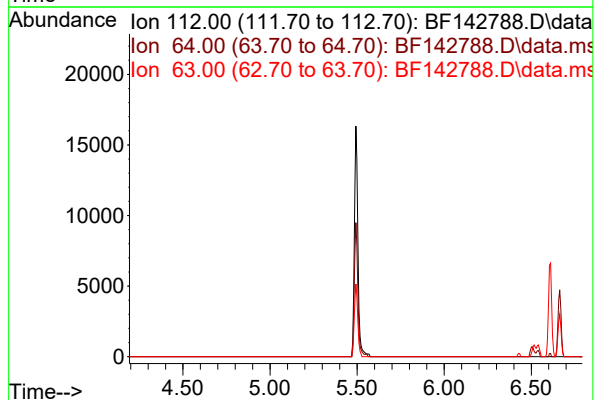
Tgt Ion:152 Resp: 77977
Ion Ratio Lower Upper
152 100
150 158.8 127.2 190.8
115 58.1 46.6 69.8

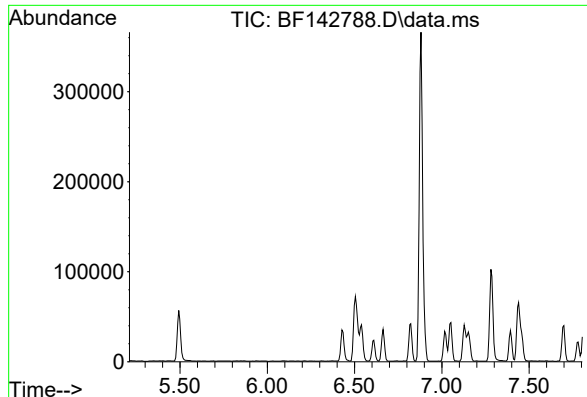


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

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

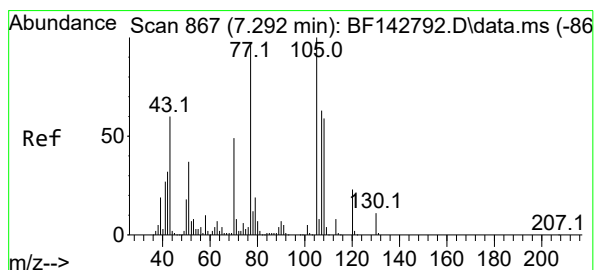
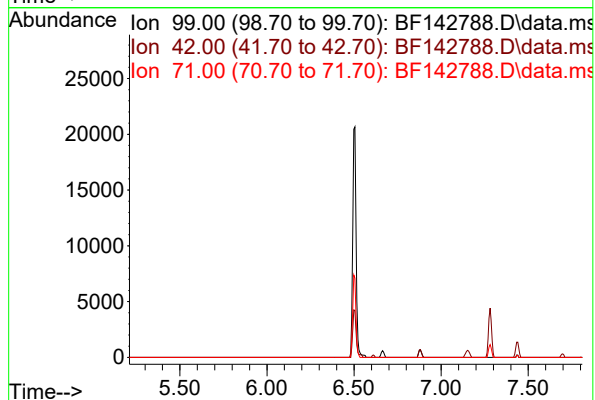
Tgt Ion: 99

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

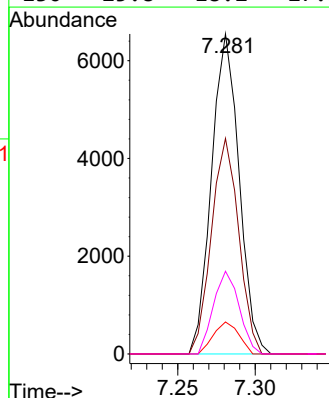
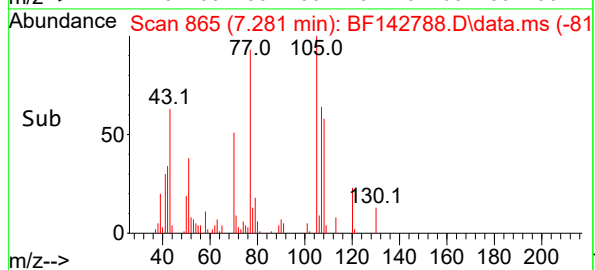
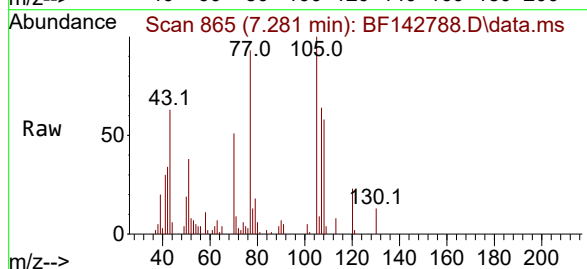
Ion Ratio Lower Upper

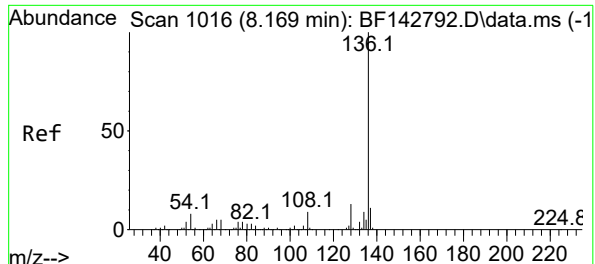
70 100

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

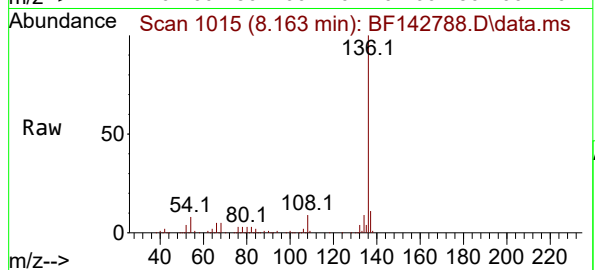
Acq: 19 Jun 2025 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 295295

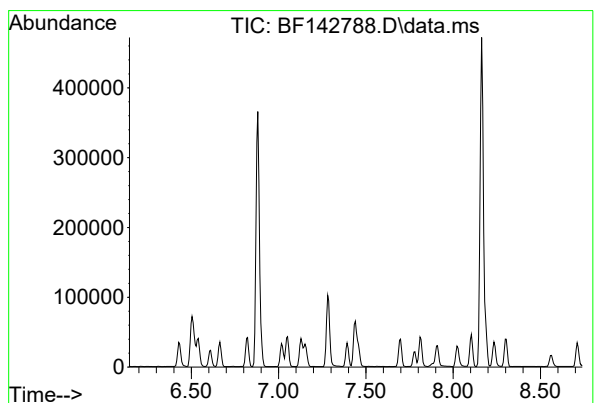
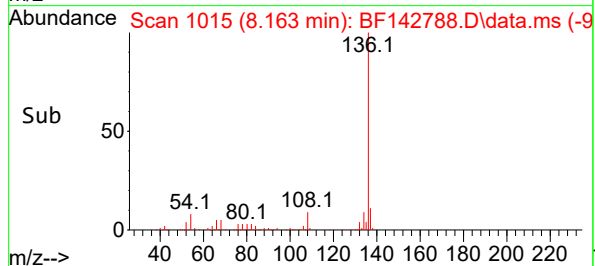
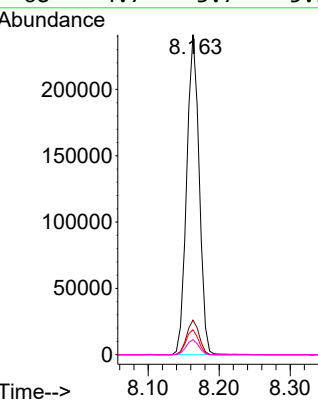
Ion Ratio Lower Upper

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

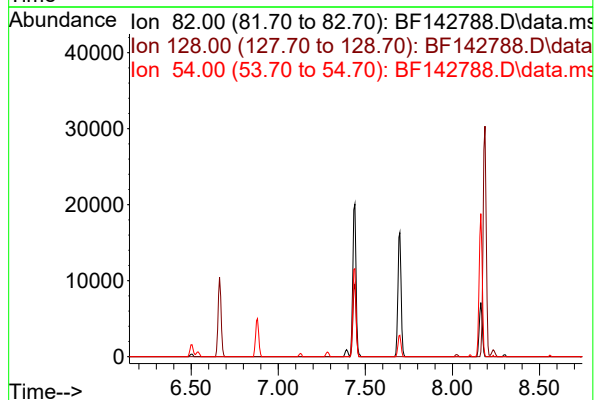
Tgt Ion: 82

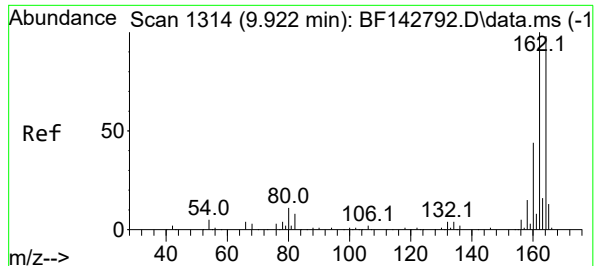
Sig Exp Ratio

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

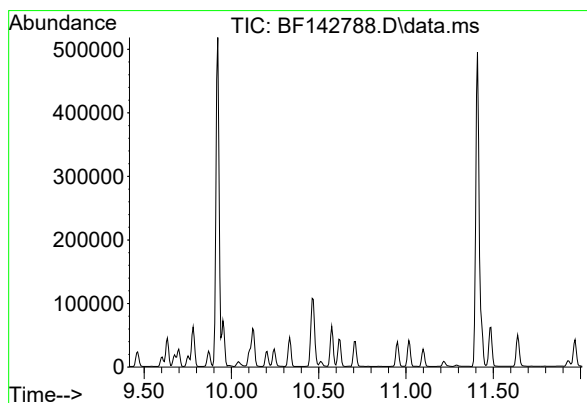
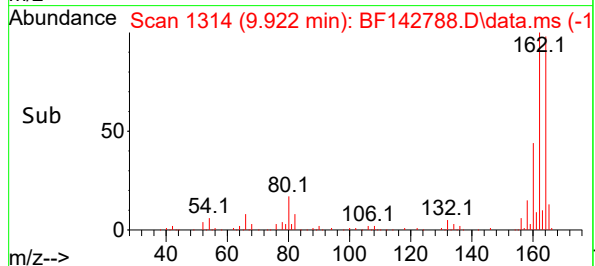
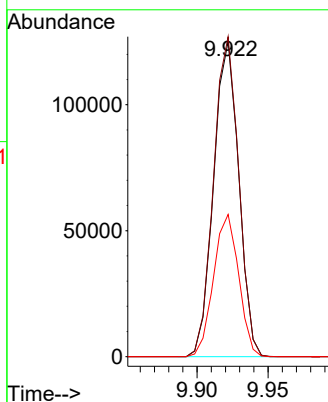
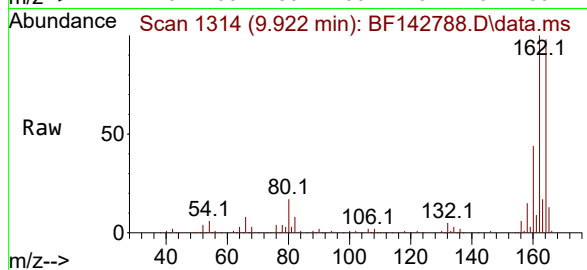
Tgt Ion:164 Resp: 153580

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

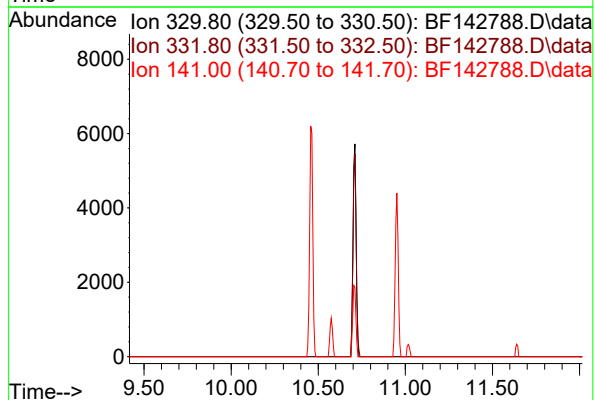
Tgt Ion: 330

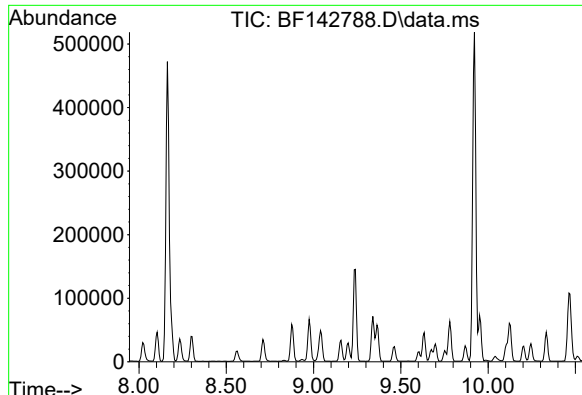
Sig Exp Ratio

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

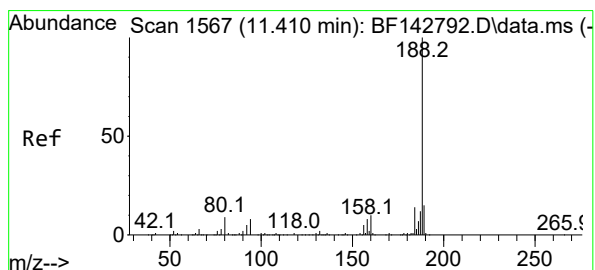
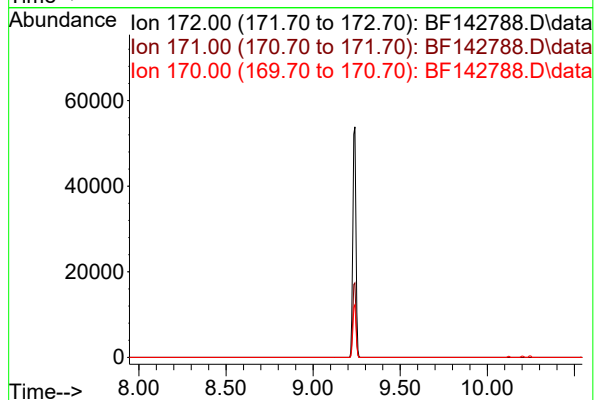
Tgt Ion: 172

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

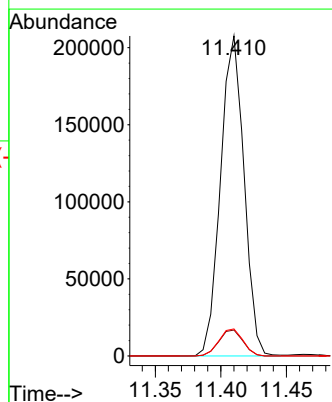
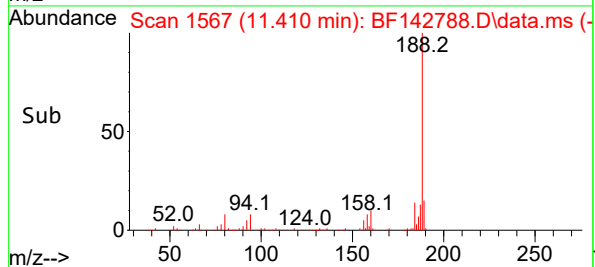
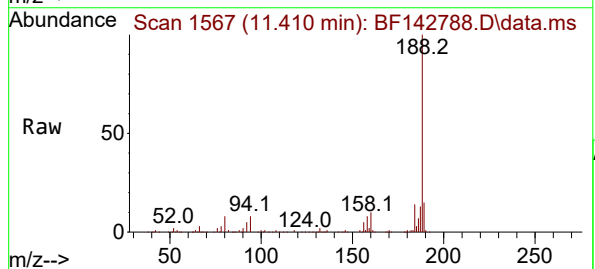
Tgt Ion:188 Resp: 258429

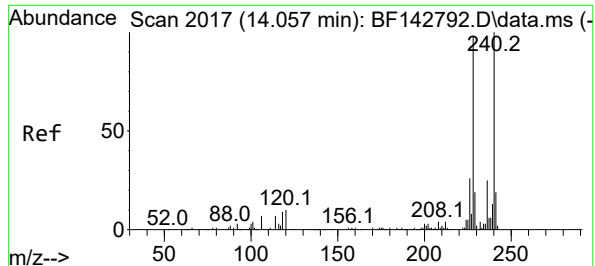
Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

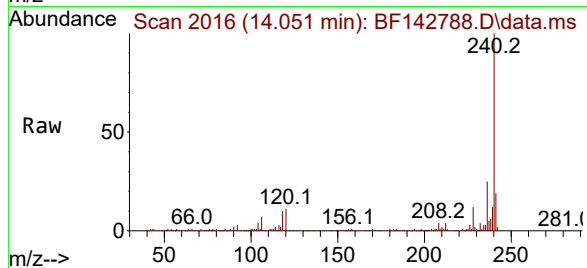
80 8.5 6.9 10.3



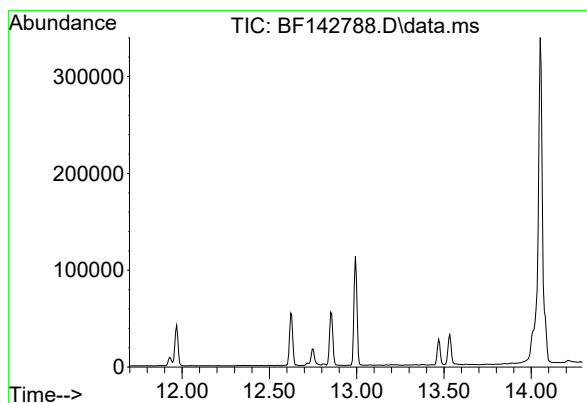
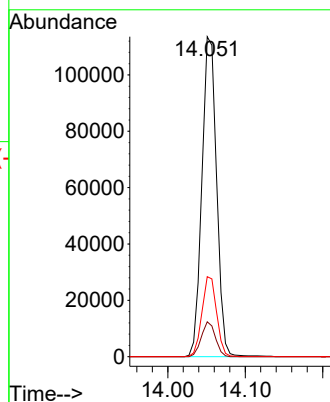
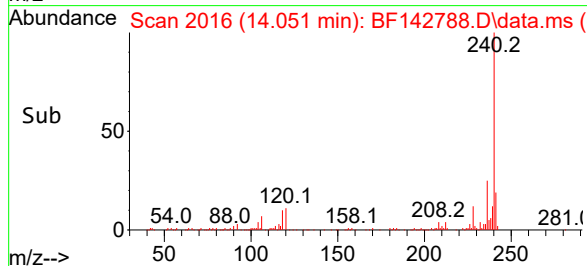


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



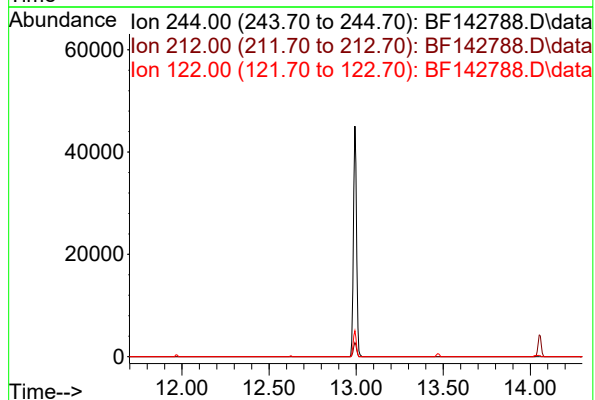
Tgt Ion:240 Resp: 149767
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 25.0 19.8 29.8

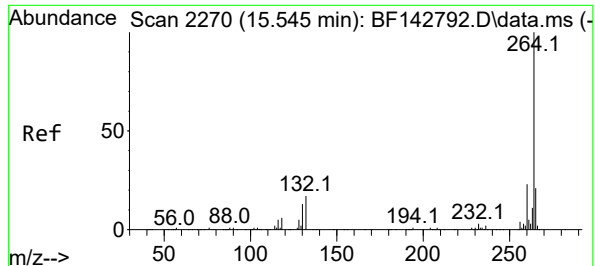


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

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

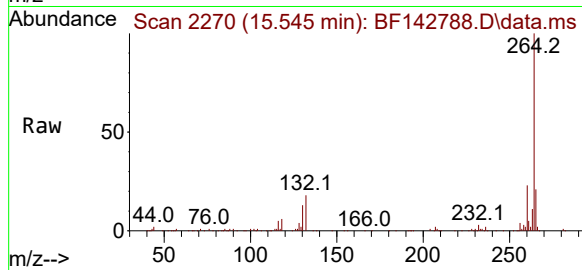
Acq: 19 Jun 2025 17:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



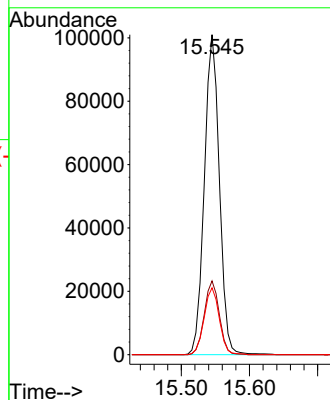
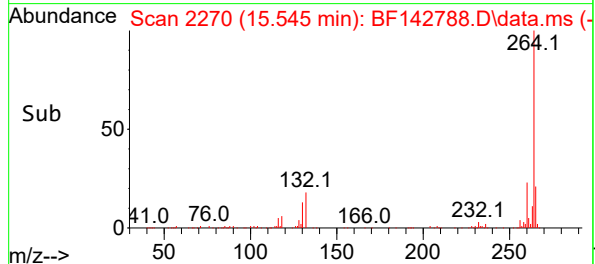
Tgt Ion:264 Resp: 154736

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

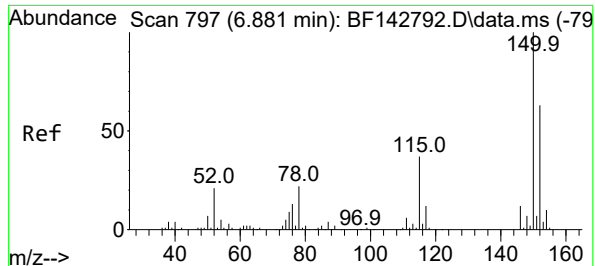
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

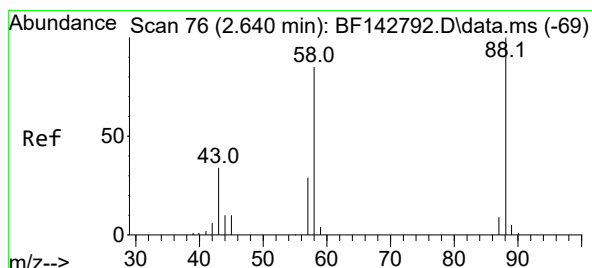
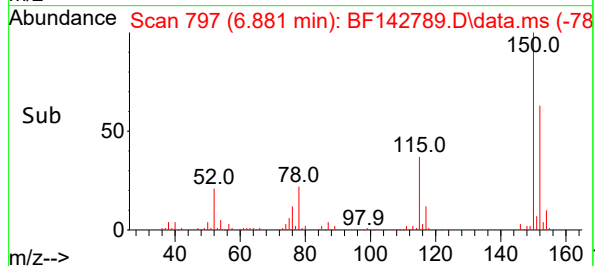
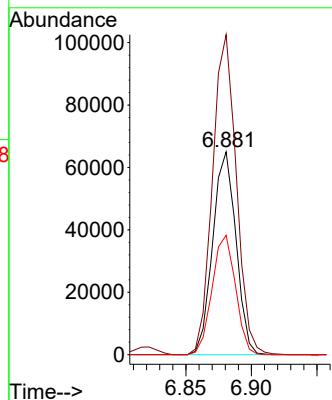
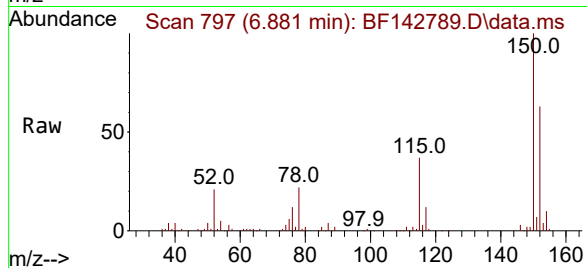
[illegible]



#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

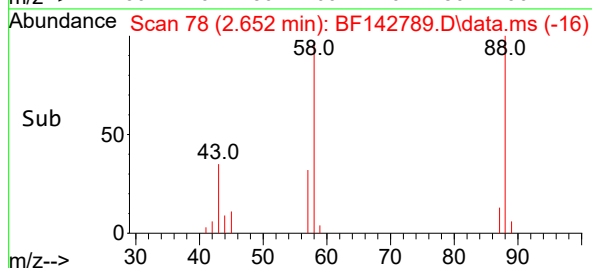
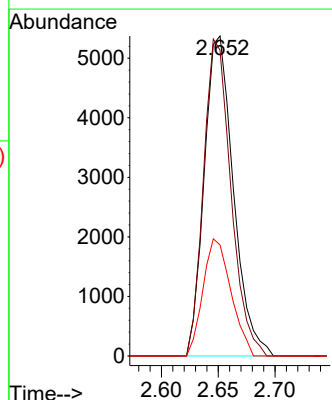
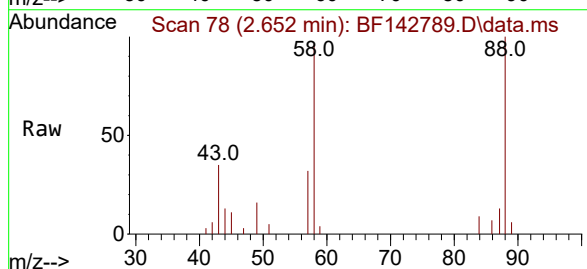
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

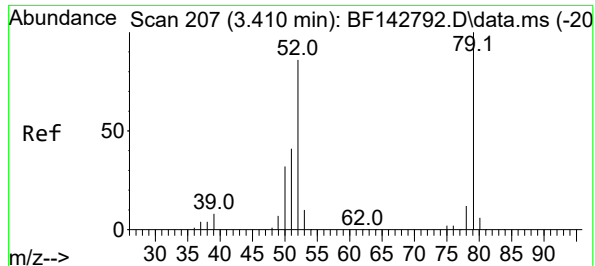
Tgt Ion:152 Resp: 80144
Ion Ratio Lower Upper
152 100
150 157.7 127.2 190.8
115 58.8 46.6 69.8



#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

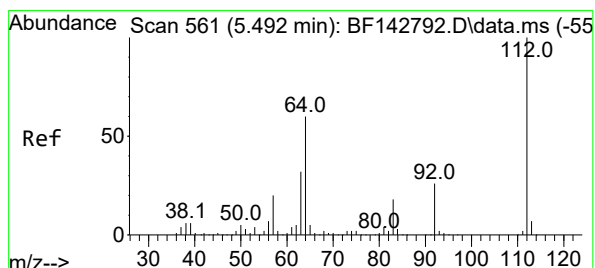
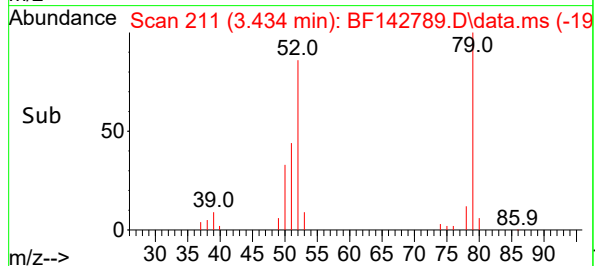
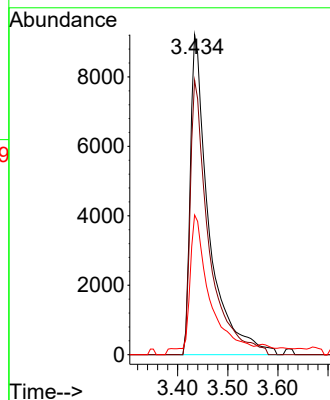
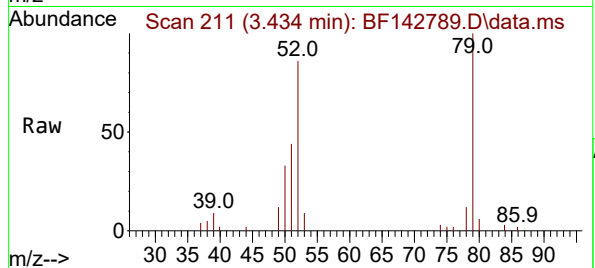
Tgt Ion: 79 Resp: 23835

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

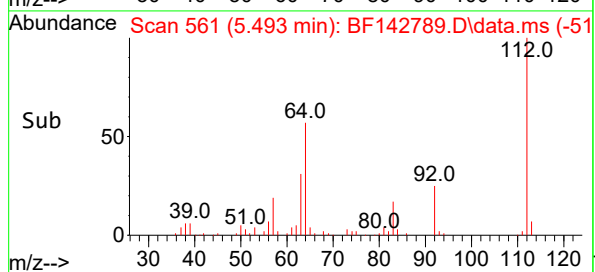
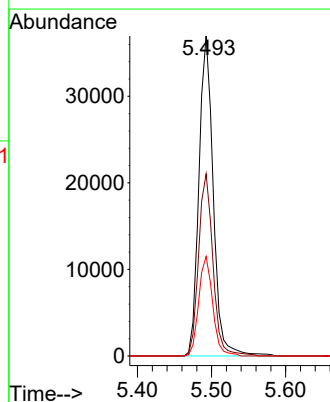
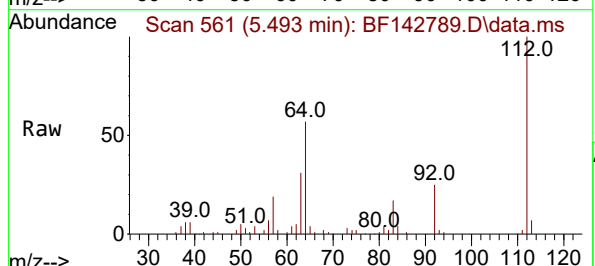
Tgt Ion: 112 Resp: 49599

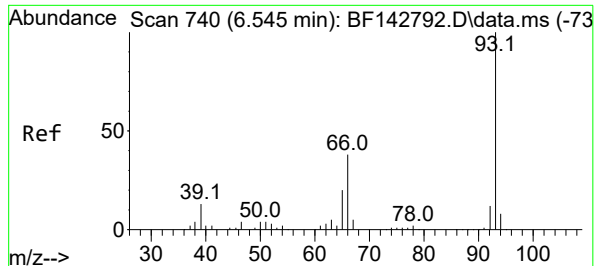
Ion Ratio Lower Upper

112 100

64 56.9 48.2 72.2

63 31.1 25.7 38.5

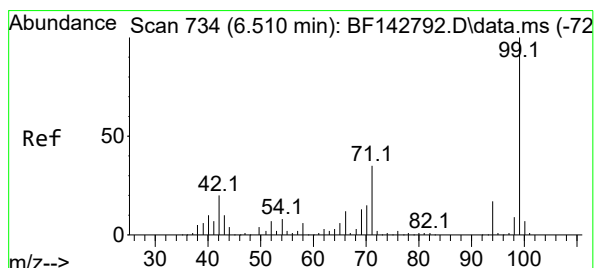
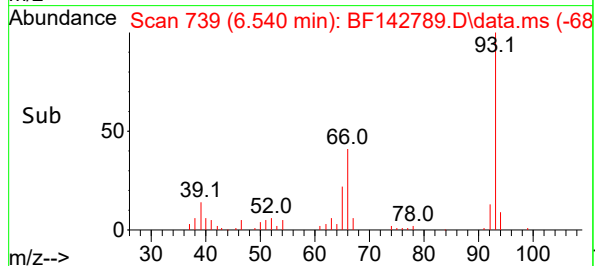
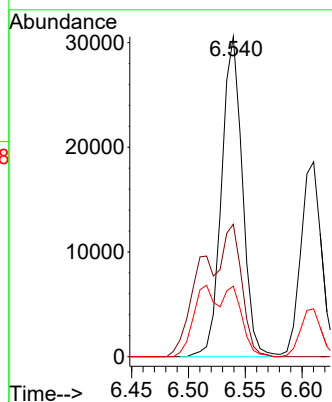
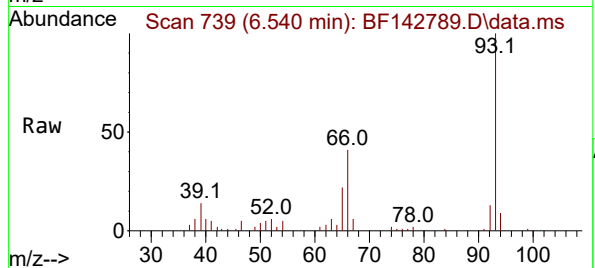




#6
Aniline
Concen: 5.286 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

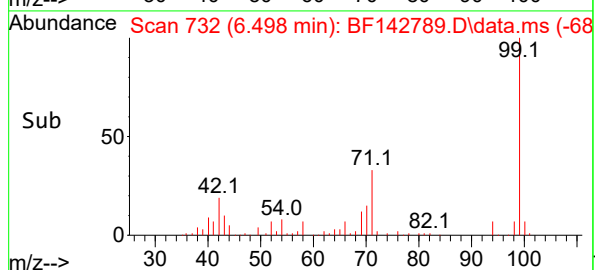
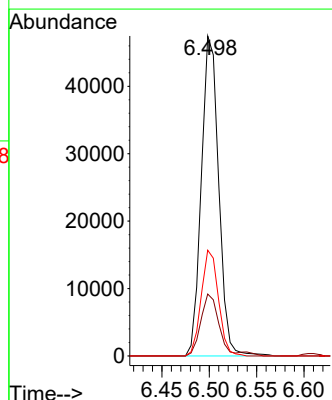
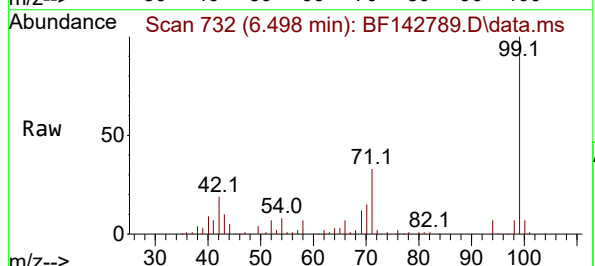
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

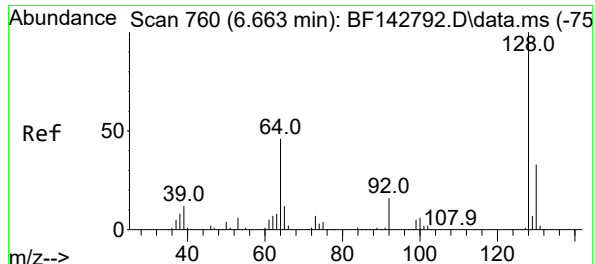
Tgt Ion: 93 Resp: 39088
Ion Ratio Lower Upper
93 100
66 41.4 31.8 47.6
65 22.0 16.2 24.2



#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

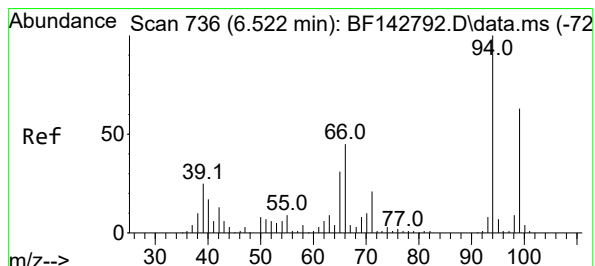
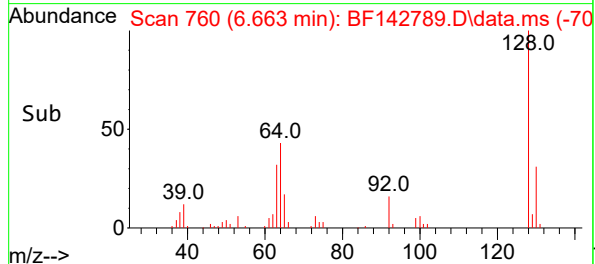
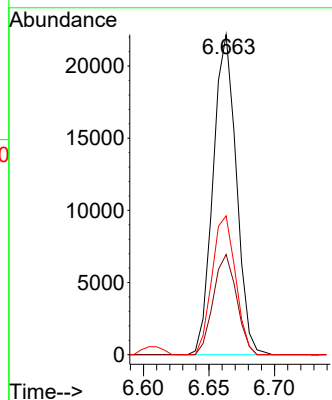
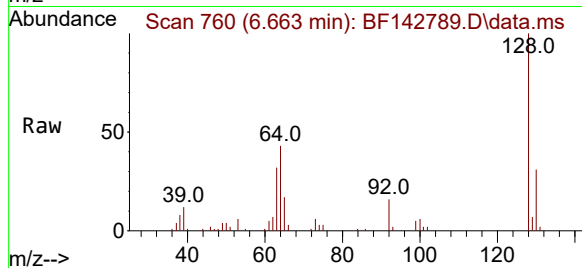




#8
2-Chlorophenol
Concen: 5.332 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

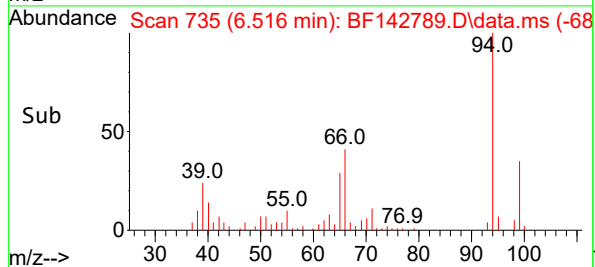
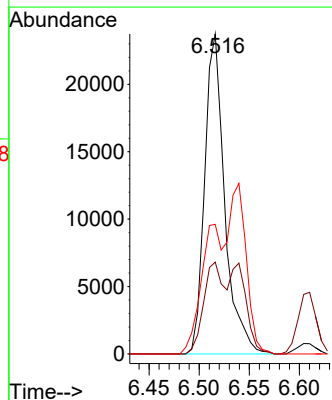
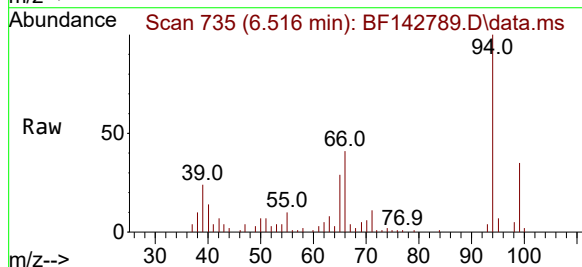
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

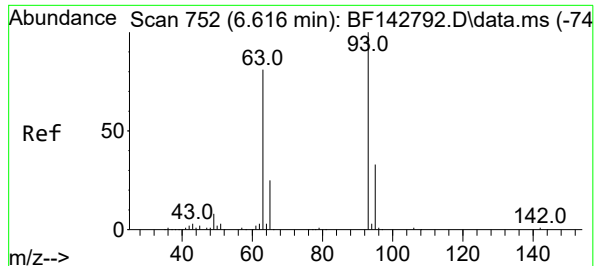
Tgt Ion:128 Resp: 27282
Ion Ratio Lower Upper
128 100
130 31.3 12.7 52.7
64 43.4 26.5 66.5



#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

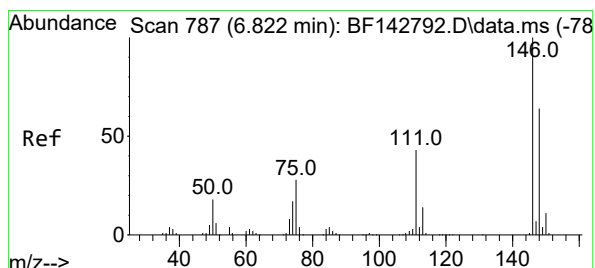
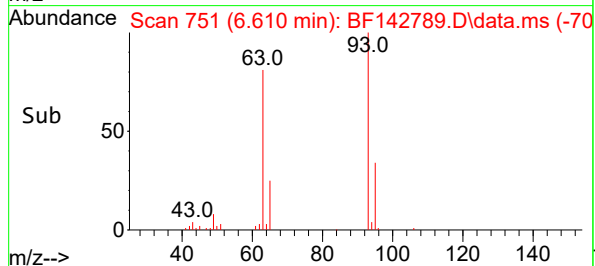
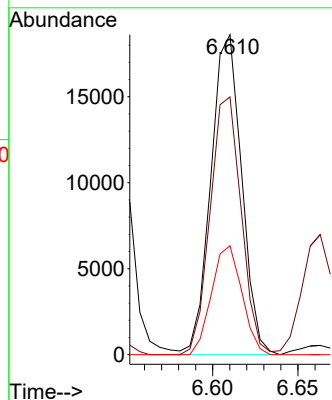
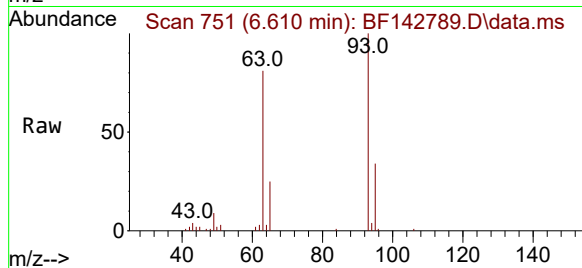




#11
bis(2-Chloroethyl)ether
Concen: 5.122 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

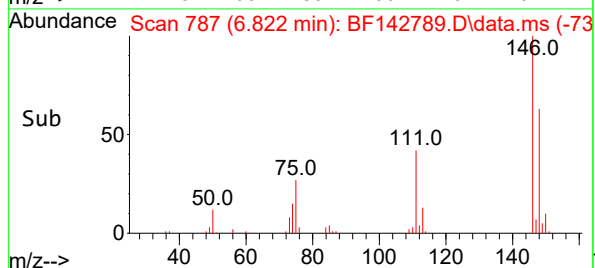
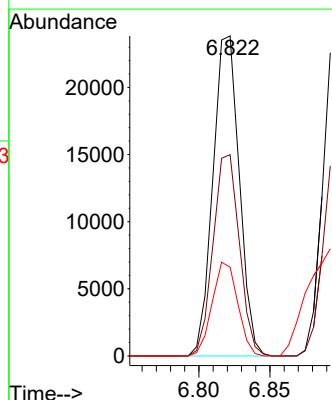
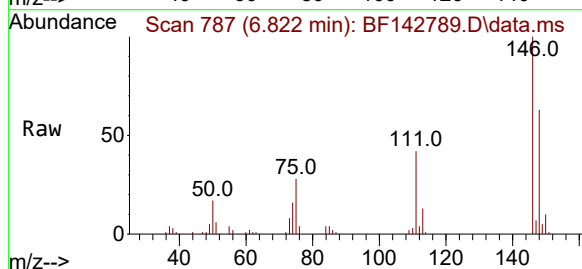
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

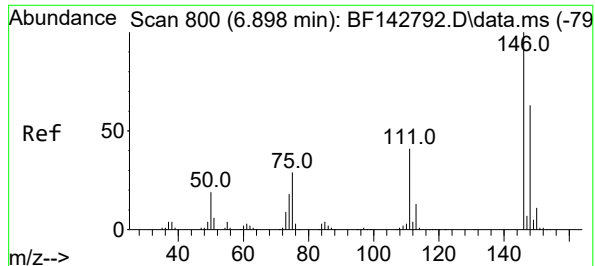
Tgt Ion: 93 Resp: 23378
Ion Ratio Lower Upper
93 100
63 80.6 60.3 100.3
95 34.1 12.5 52.5



#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 :

SSTDIC005

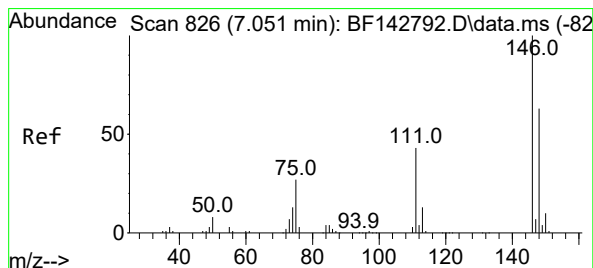
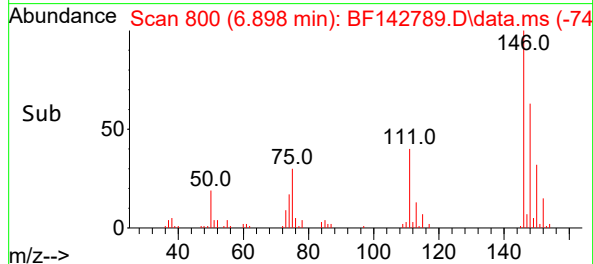
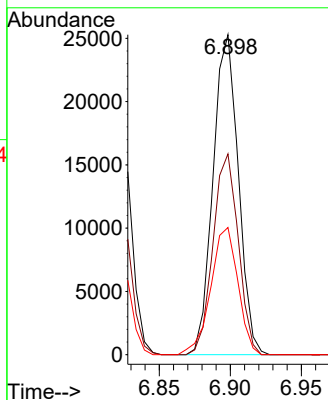
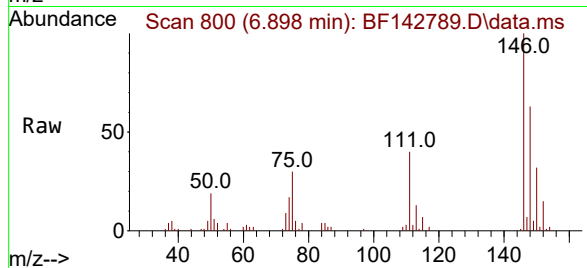
Tgt Ion:146 Resp: 31311

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

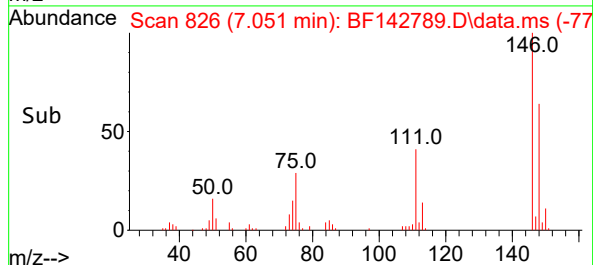
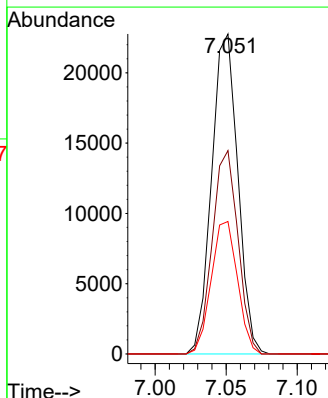
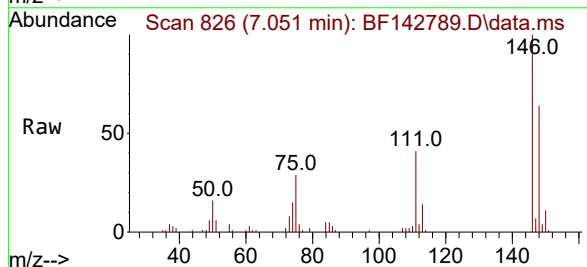
Tgt Ion:146 Resp: 29215

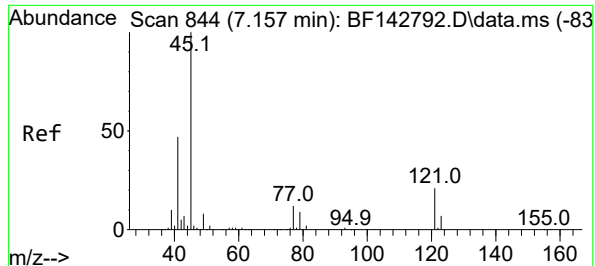
Ion Ratio Lower Upper

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

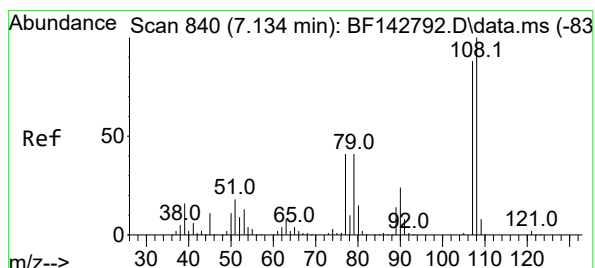
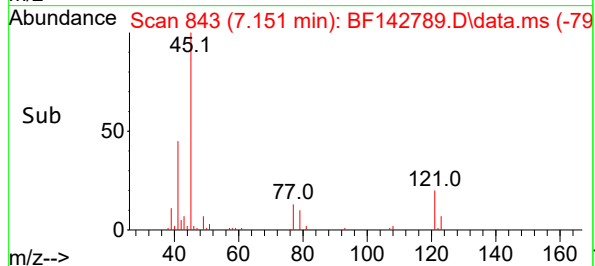
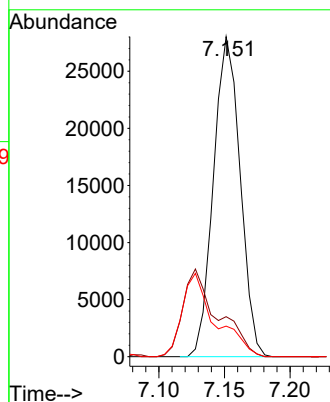
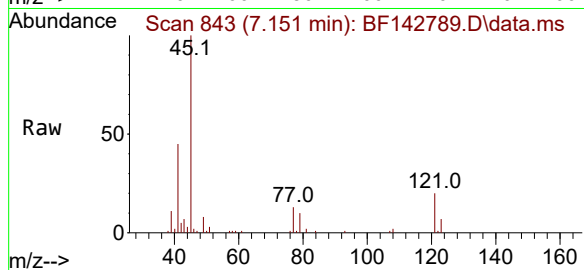
Tgt Ion: 45 Resp: 39577

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

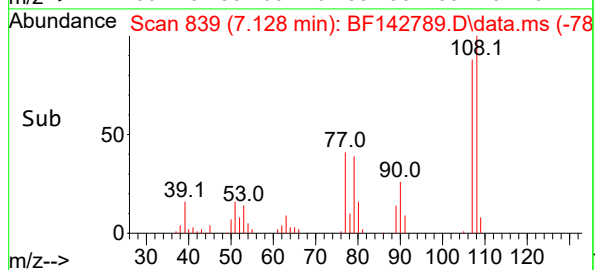
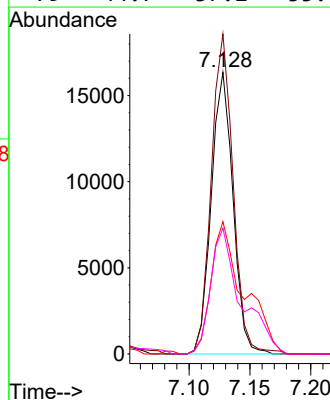
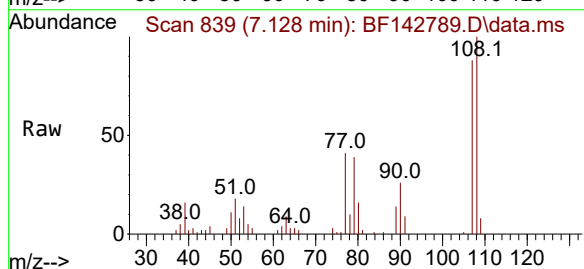
Ion Ratio Lower Upper

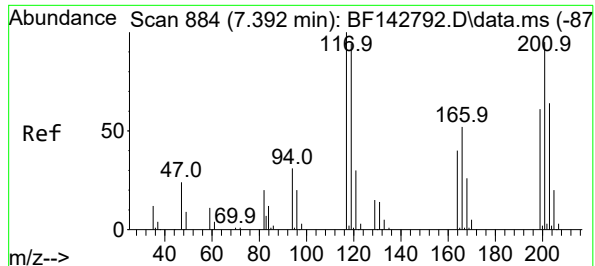
107 100

108 113.6 90.9 136.3

77 47.0 37.3 55.9

79 44.7 37.2 55.8

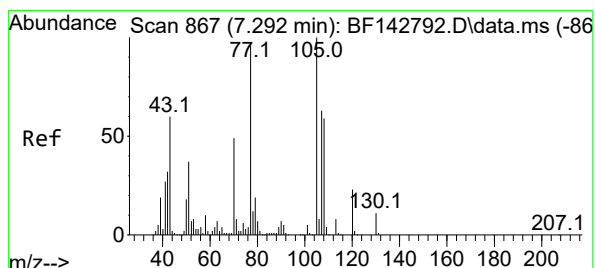
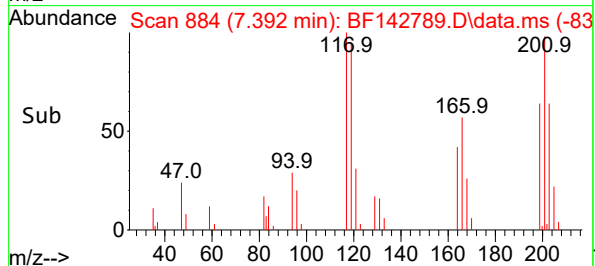
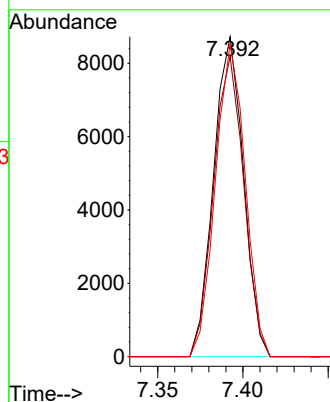
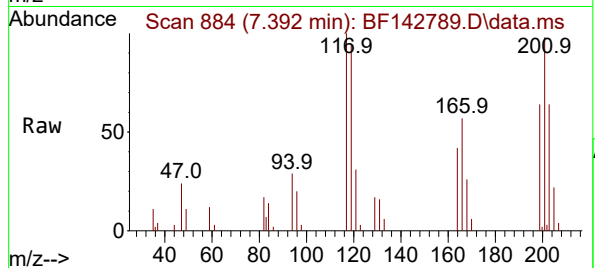




#18
Hexachloroethane
Concen: 5.054 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

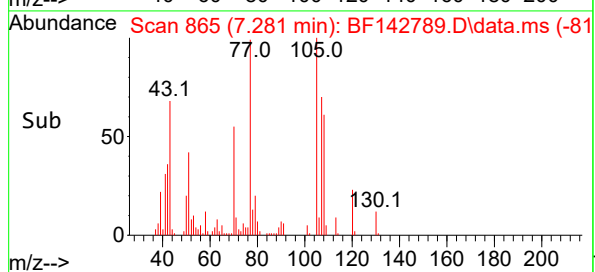
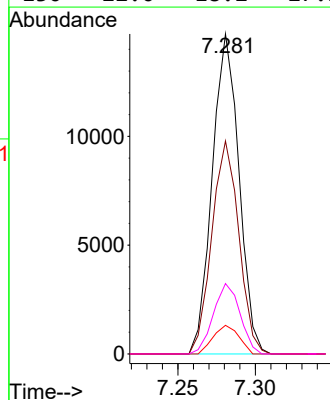
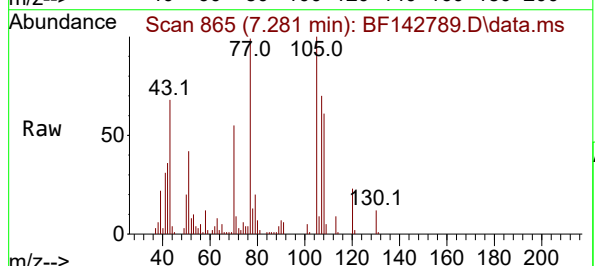
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

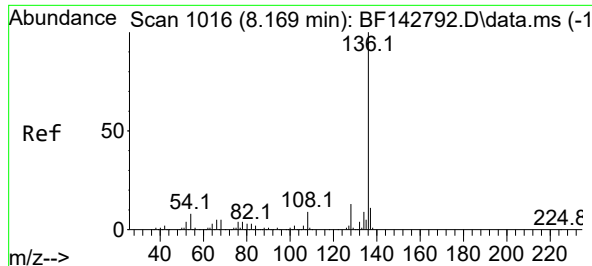
Tgt Ion:117 Resp: 10670
Ion Ratio Lower Upper
117 100
119 93.8 75.4 113.0
201 97.7 75.9 113.9



#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

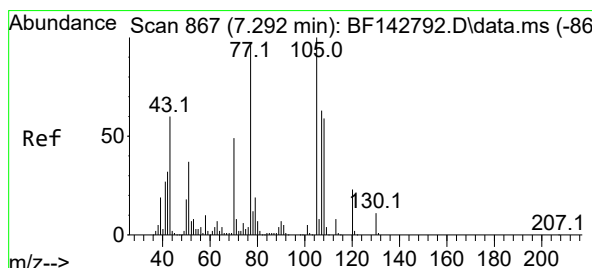
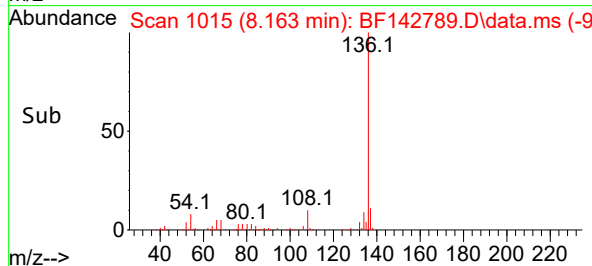
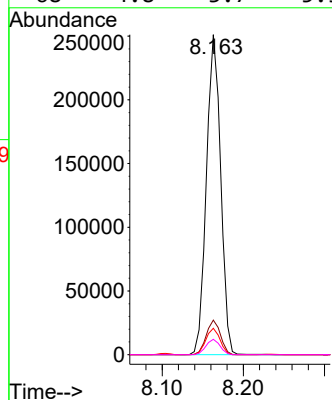
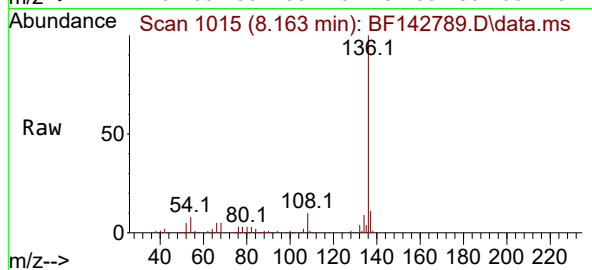
Ion Ratio Lower Upper

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

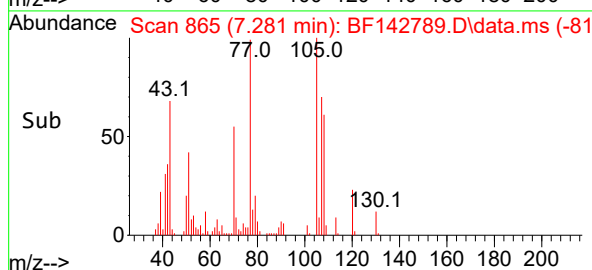
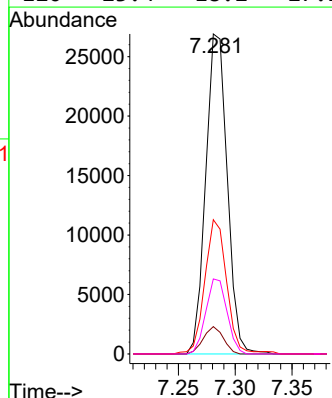
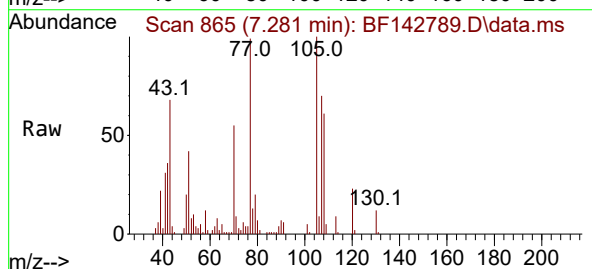
Ion Ratio Lower Upper

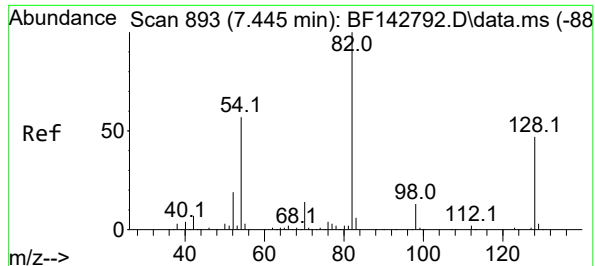
105 100

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

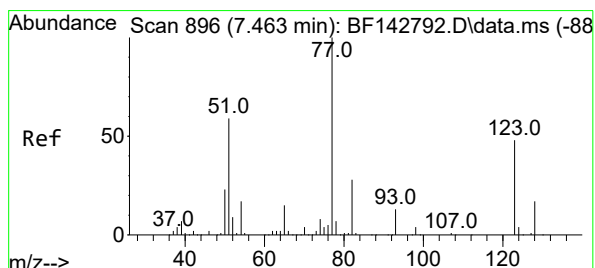
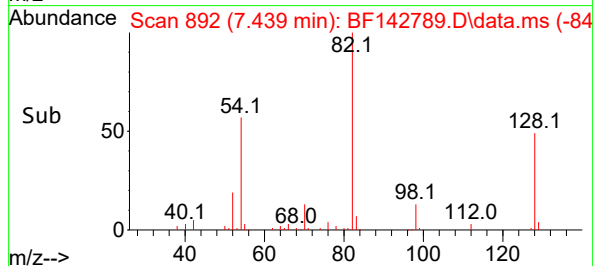
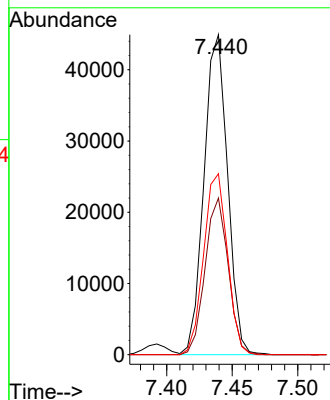
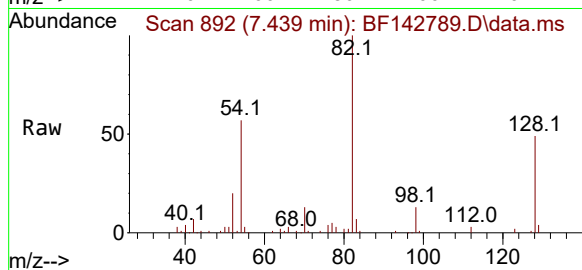
Tgt Ion: 82 Resp: 56291

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

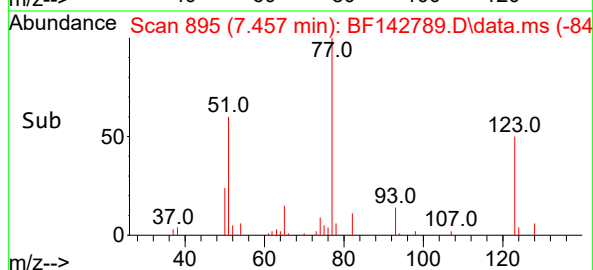
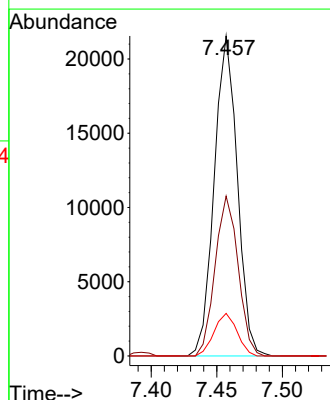
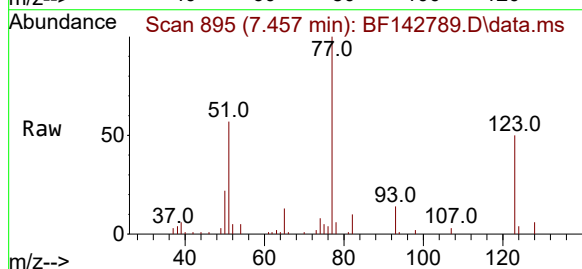
Tgt Ion: 77 Resp: 26353

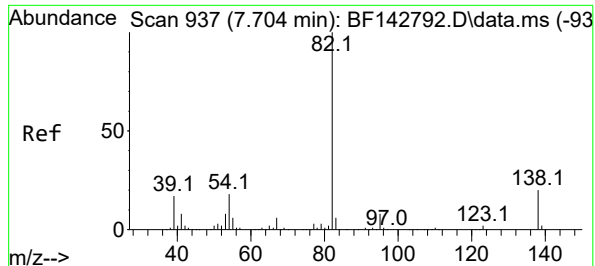
Ion Ratio Lower Upper

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

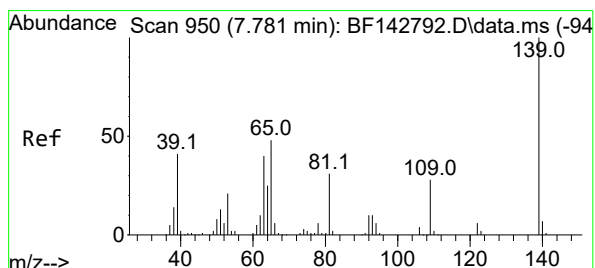
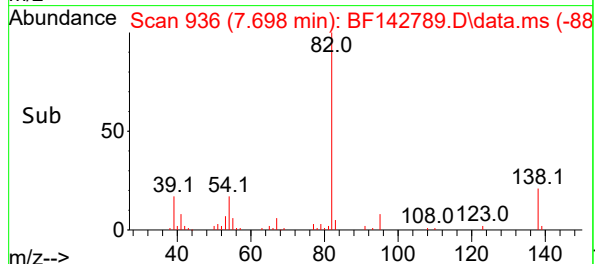
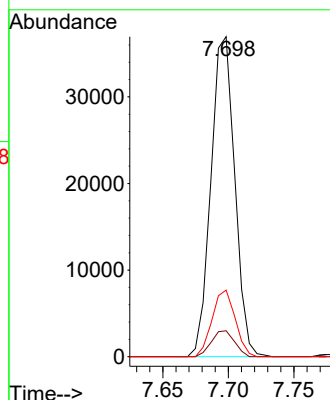
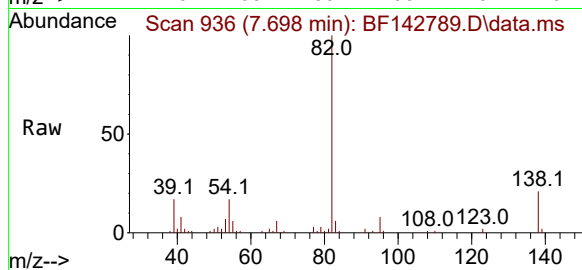
Tgt Ion: 82 Resp: 46673

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

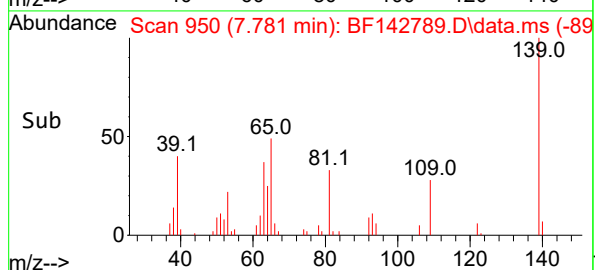
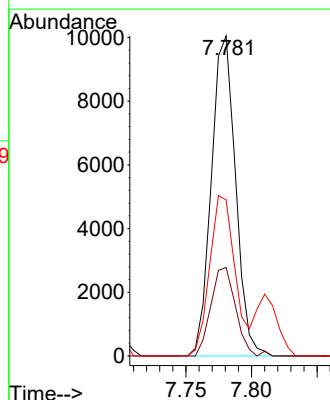
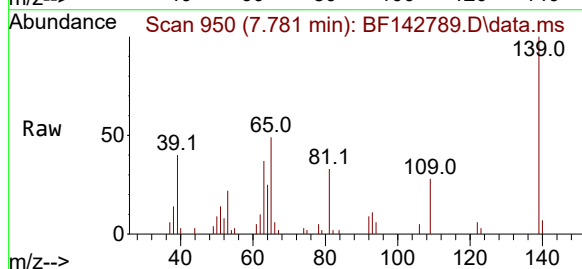
Tgt Ion:139 Resp: 12914

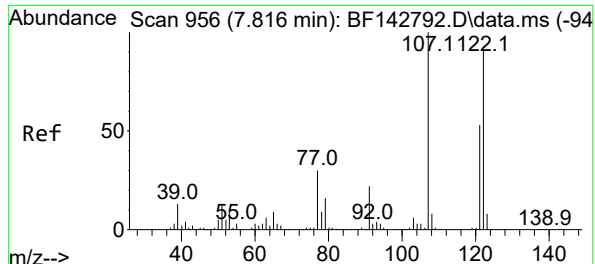
Ion Ratio Lower Upper

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

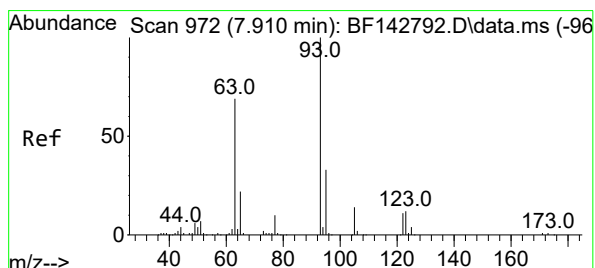
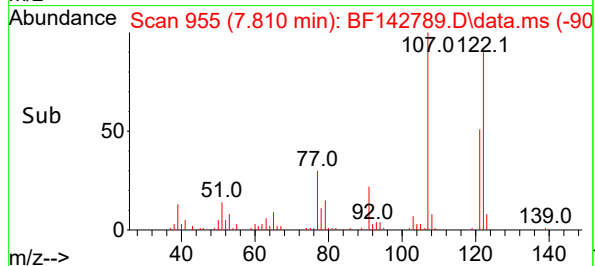
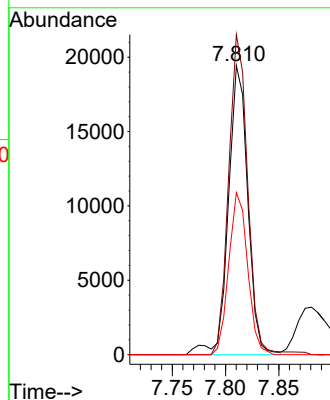
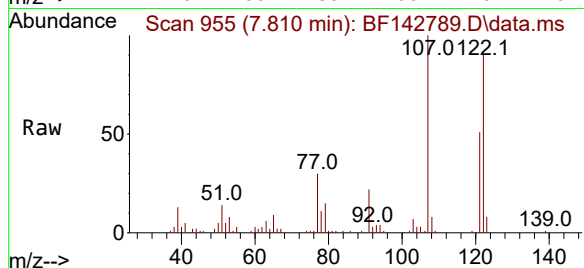
Tgt Ion:122 Resp: 24614

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

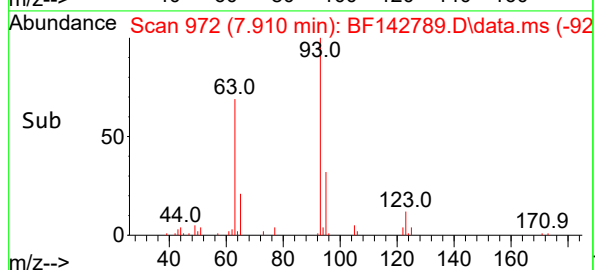
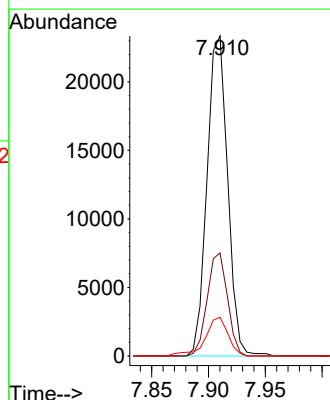
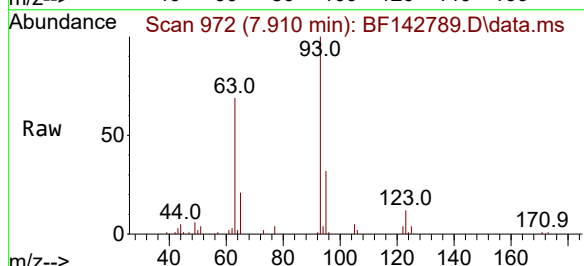
Tgt Ion: 93 Resp: 29467

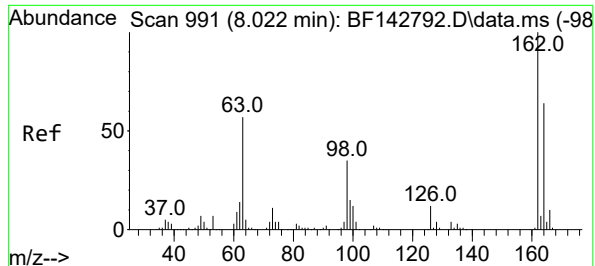
Ion Ratio Lower Upper

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

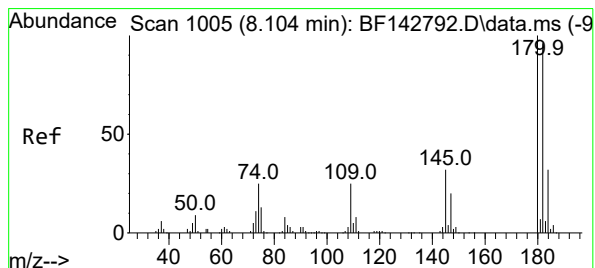
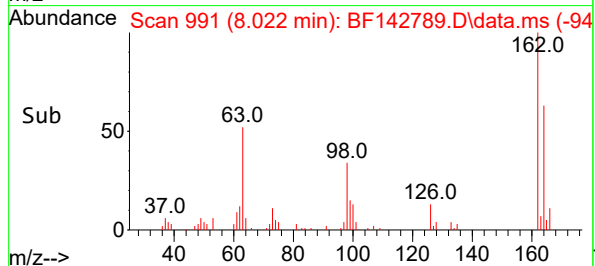
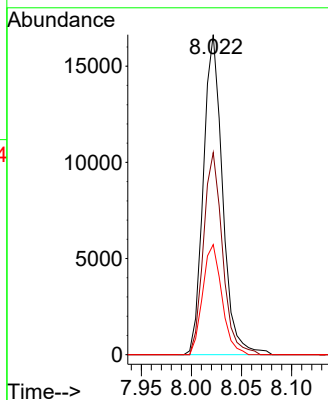
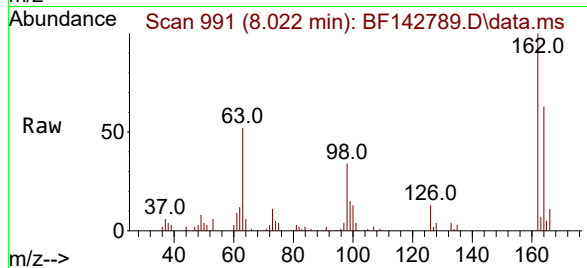
Tgt Ion:162 Resp: 22222

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

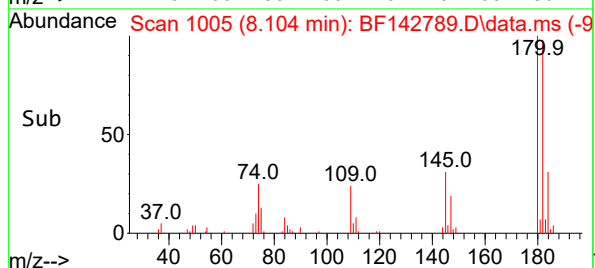
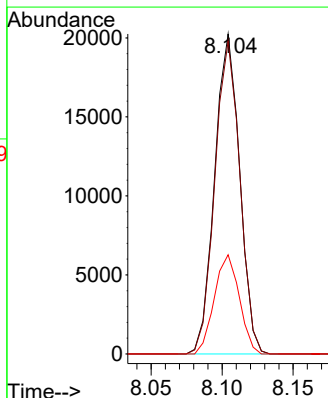
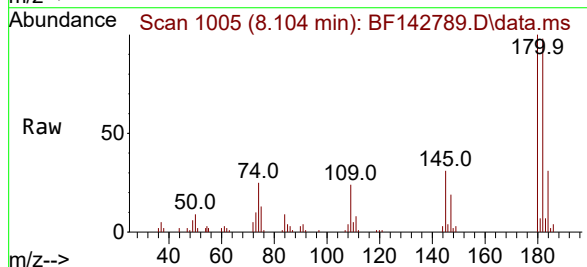
Tgt Ion:180 Resp: 24724

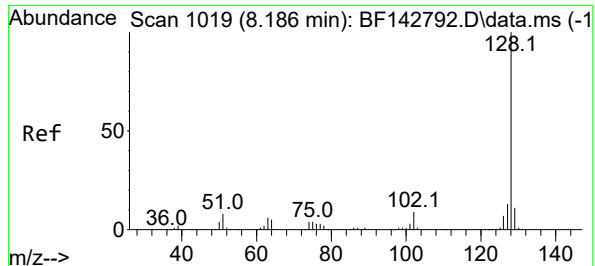
Ion Ratio Lower Upper

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

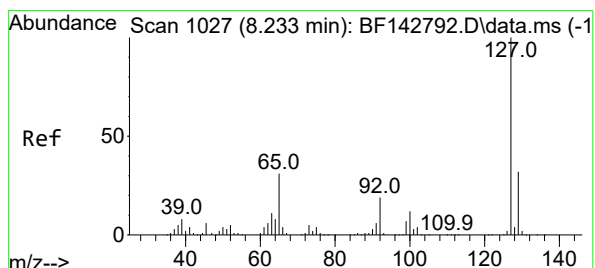
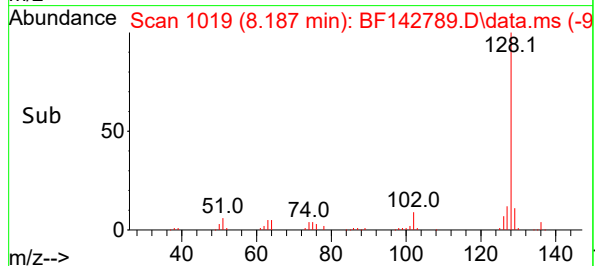
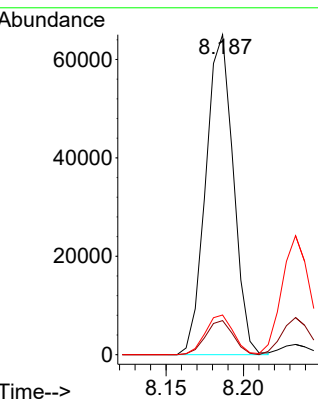
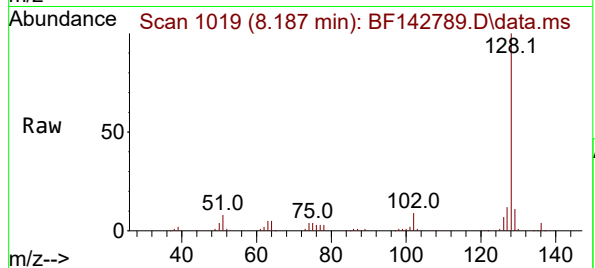
Tgt Ion:128 Resp: 80247

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

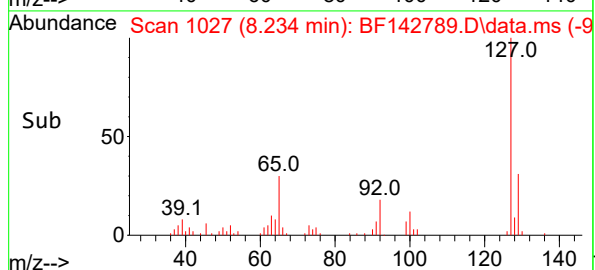
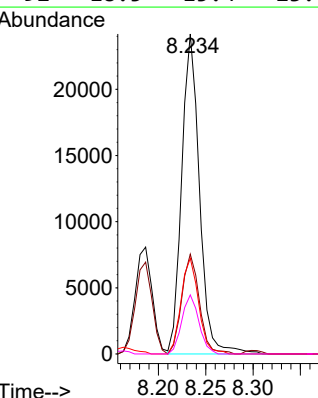
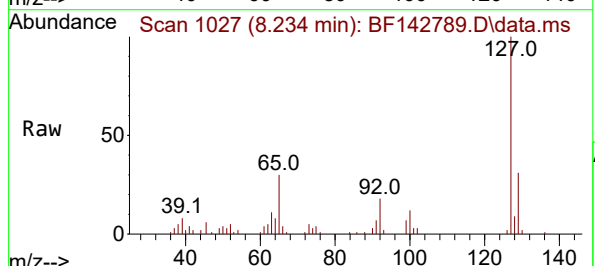
Ion Ratio Lower Upper

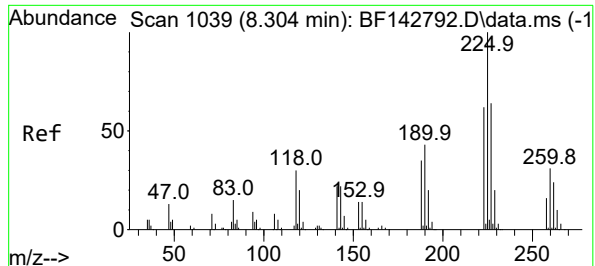
127 100

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

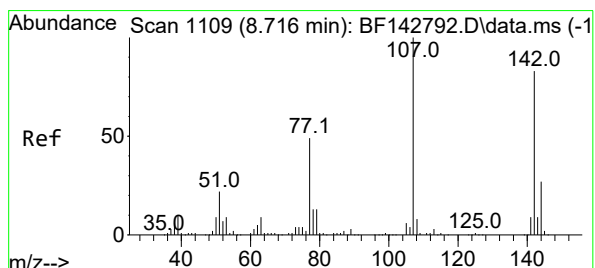
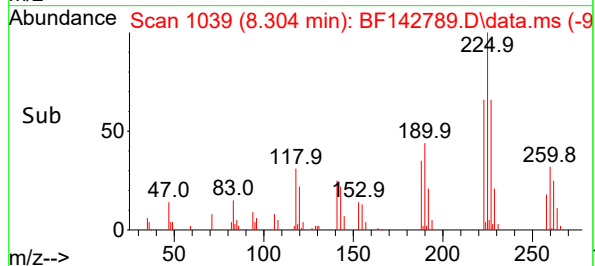
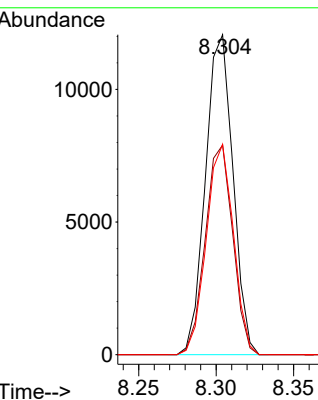
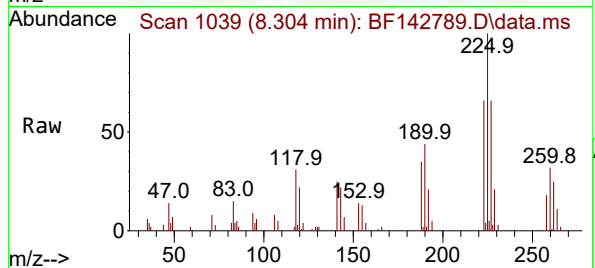
Tgt Ion:225 Resp: 14900

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

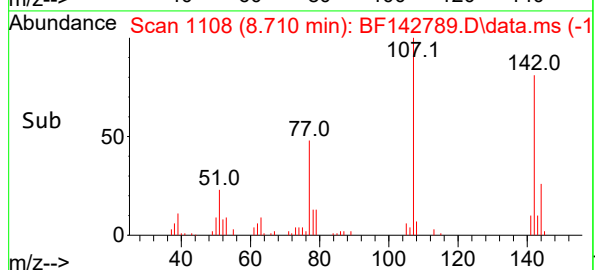
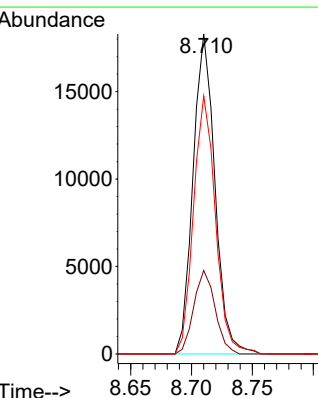
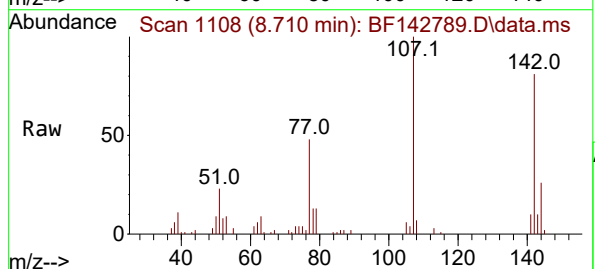
Tgt Ion:107 Resp: 22861

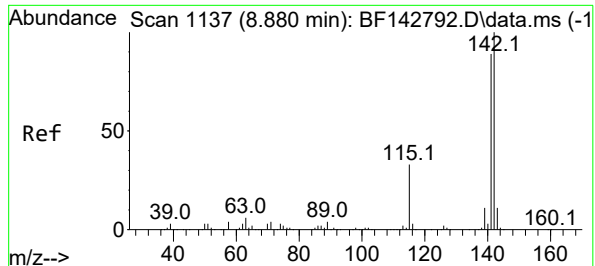
Ion Ratio Lower Upper

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 :

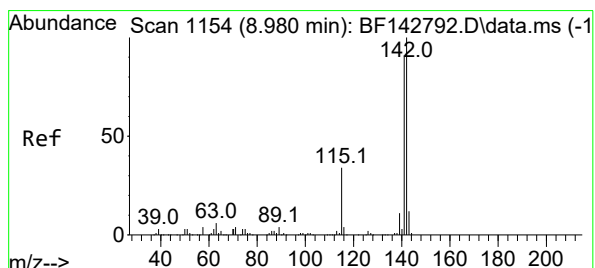
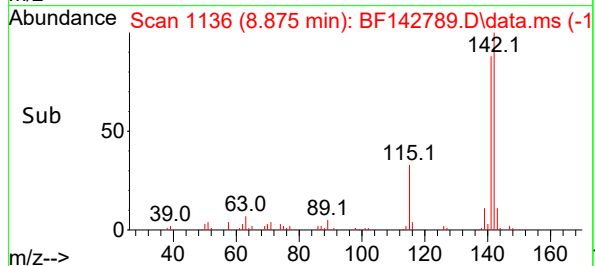
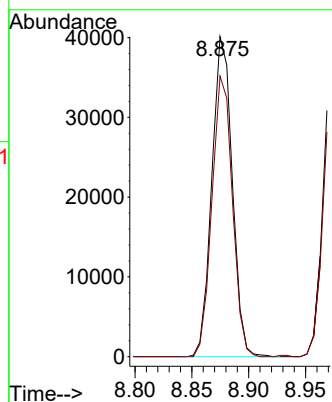
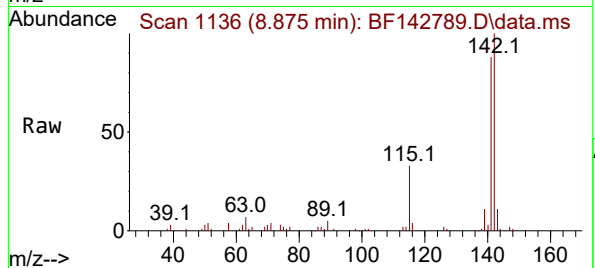
SSTDICC005

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

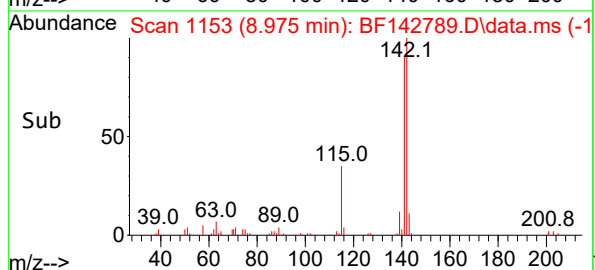
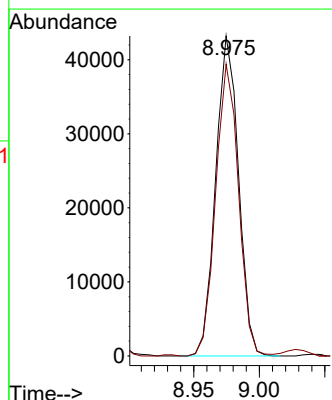
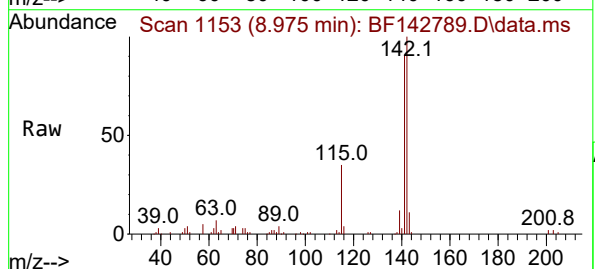
Acq: 19 Jun 2025 17:38

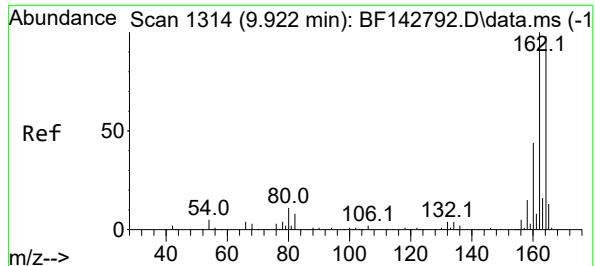
Tgt Ion:142 Resp: 52193

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

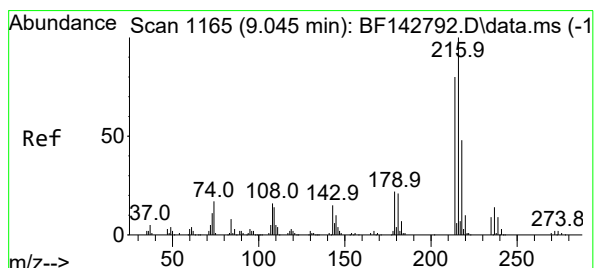
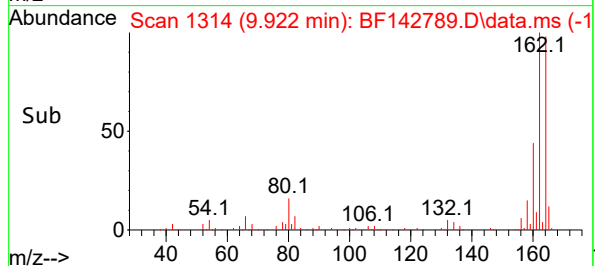
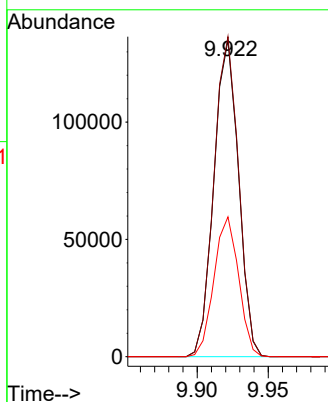
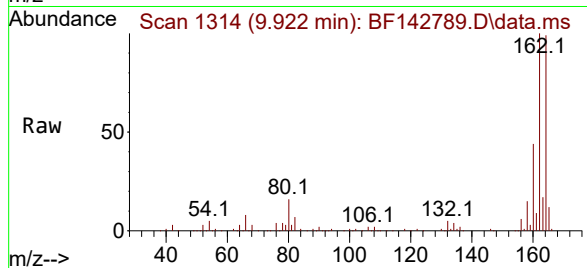
Tgt Ion:164 Resp: 162729

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

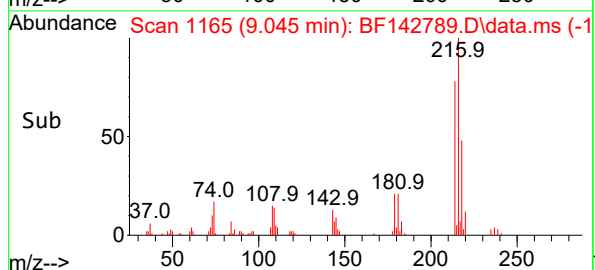
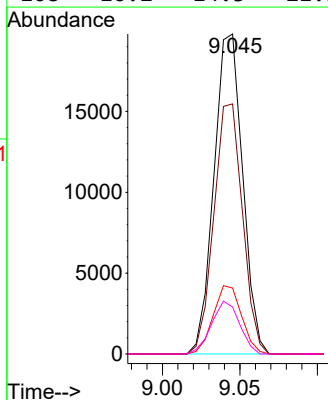
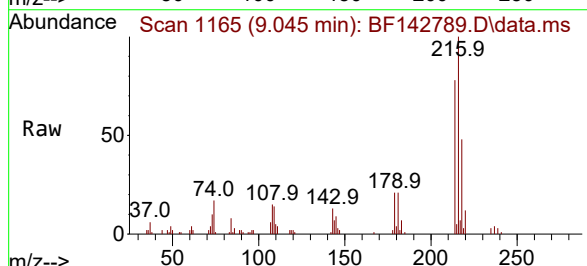
Ion Ratio Lower Upper

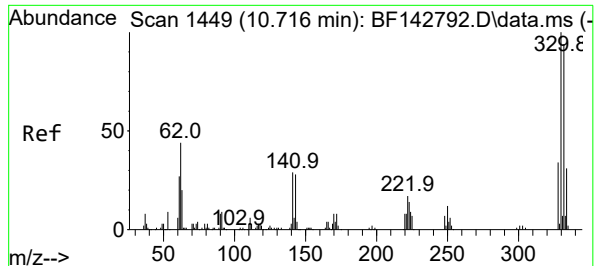
216 100

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

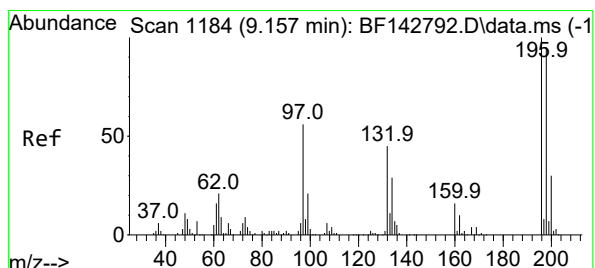
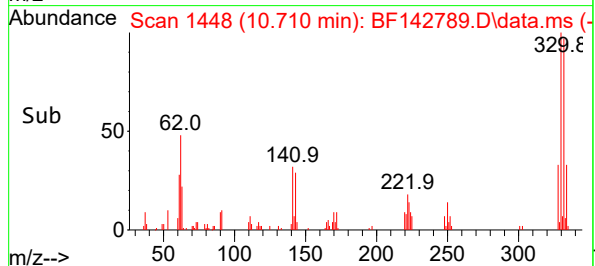
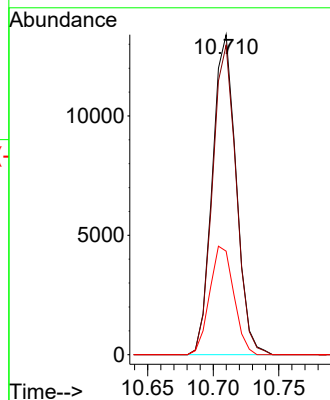
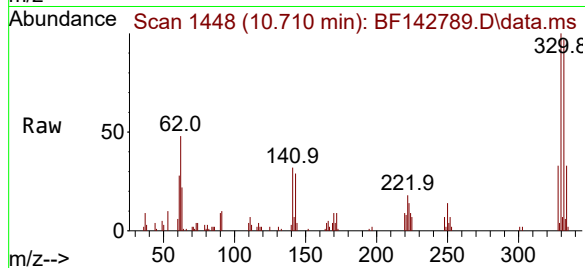
Tgt Ion:330 Resp: 16892

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

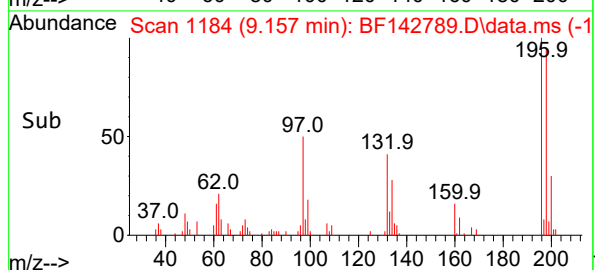
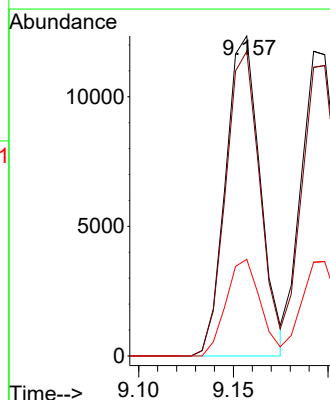
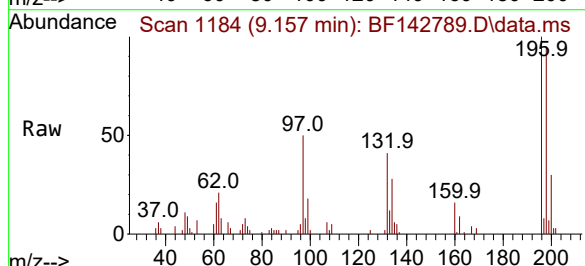
Tgt Ion:196 Resp: 15667

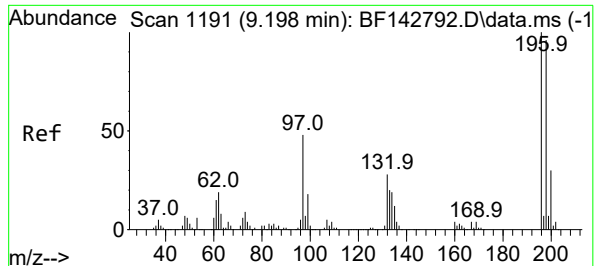
Ion Ratio Lower Upper

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

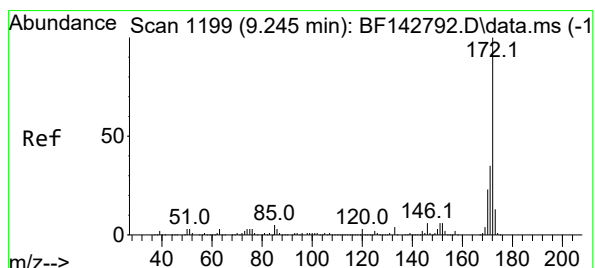
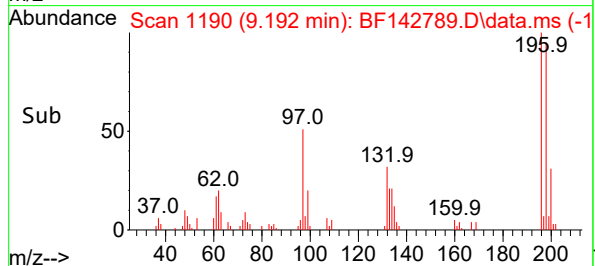
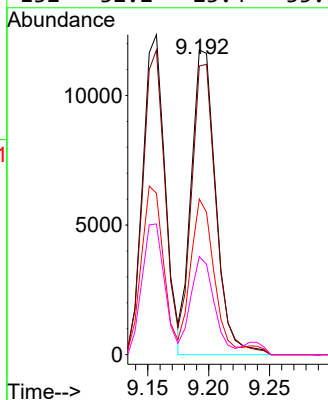
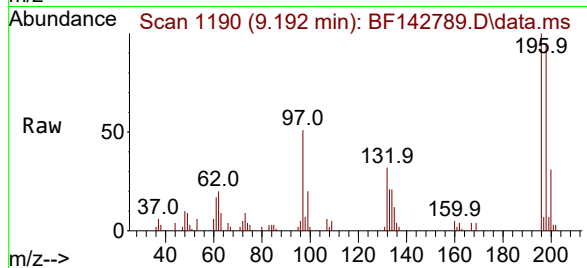
Ion Ratio Lower Upper

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

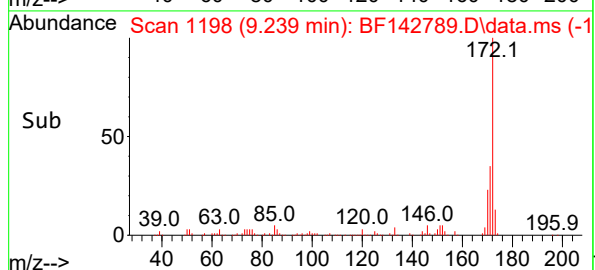
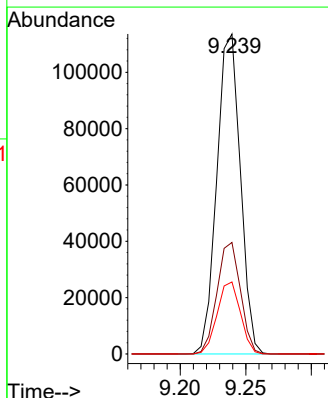
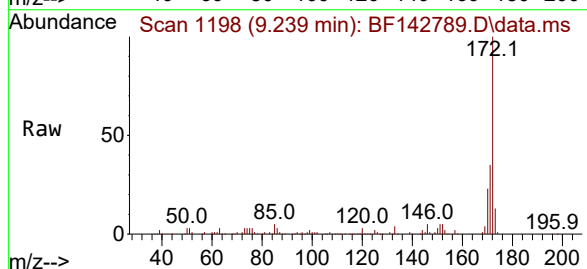
Tgt Ion:172 Resp: 141565

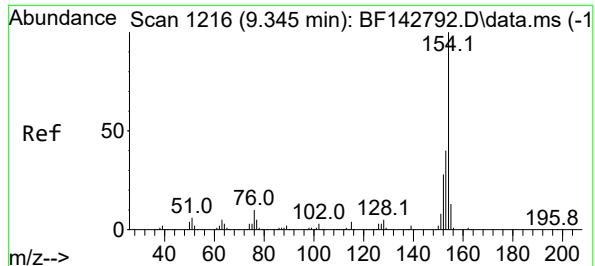
Ion Ratio Lower Upper

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

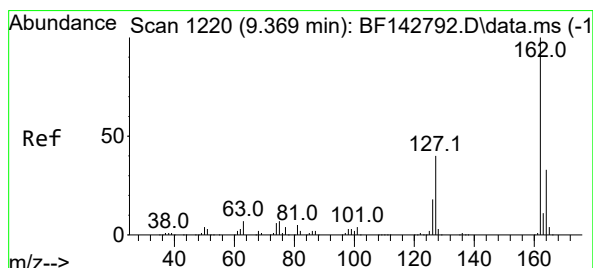
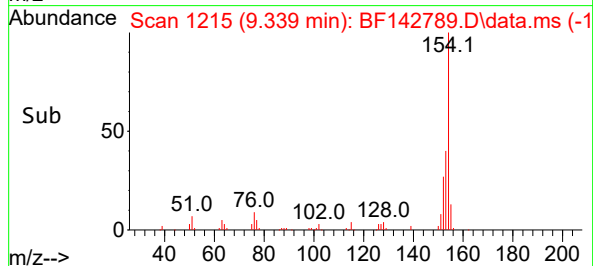
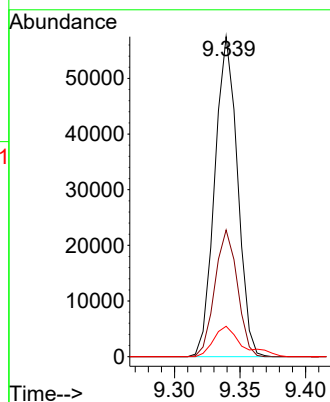
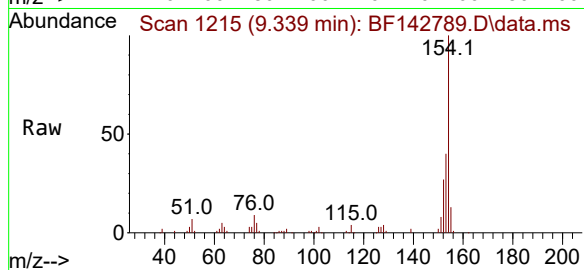
Tgt Ion:154 Resp: 69218

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

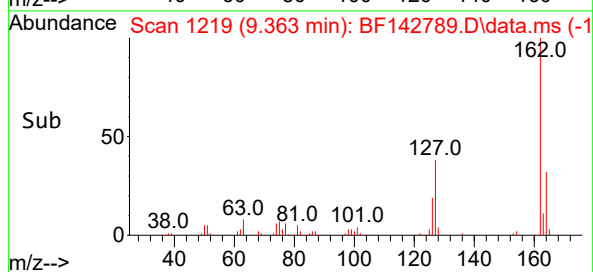
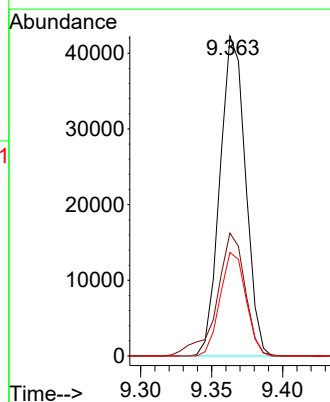
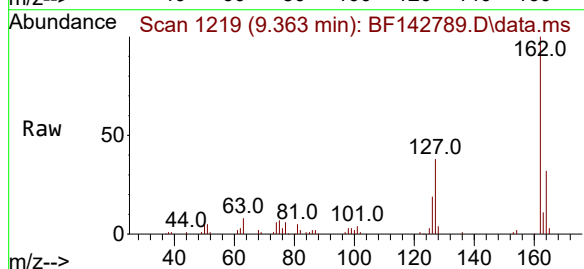
Tgt Ion:162 Resp: 52868

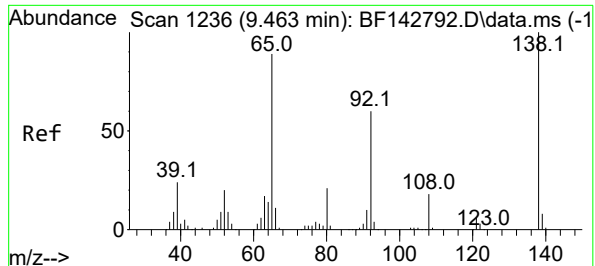
Ion Ratio Lower Upper

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

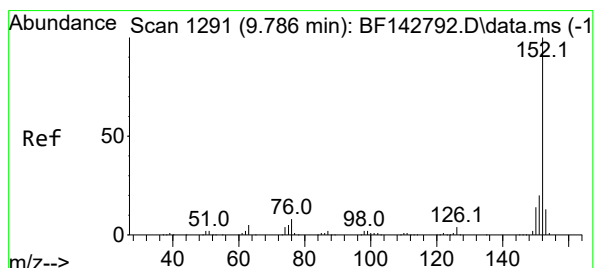
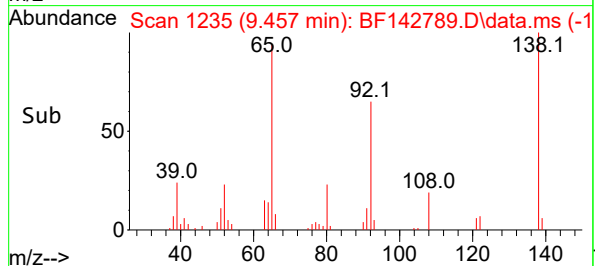
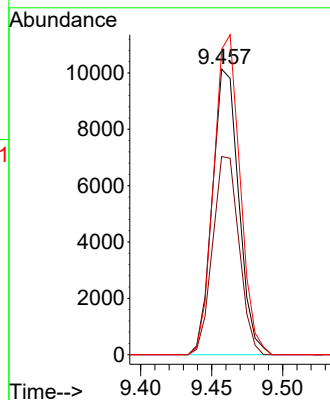
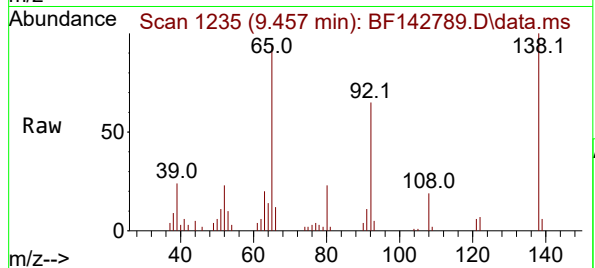
Tgt Ion: 65 Resp: 13076

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

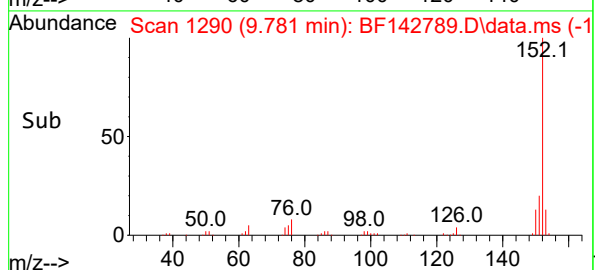
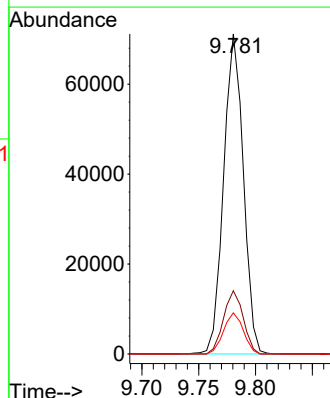
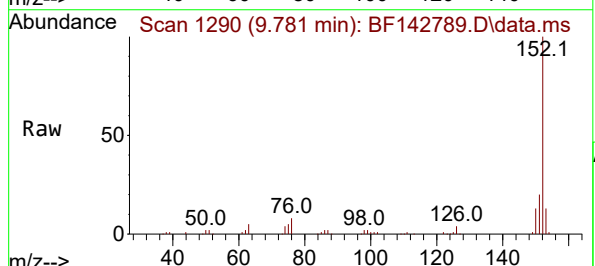
Tgt Ion: 152 Resp: 85856

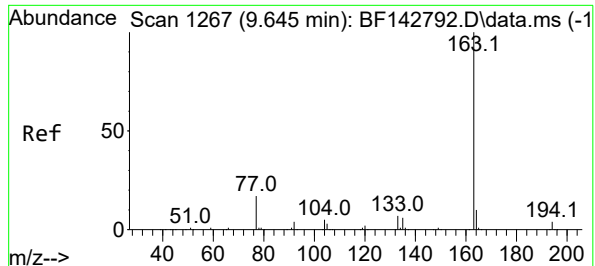
Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 12.8 10.4 15.6

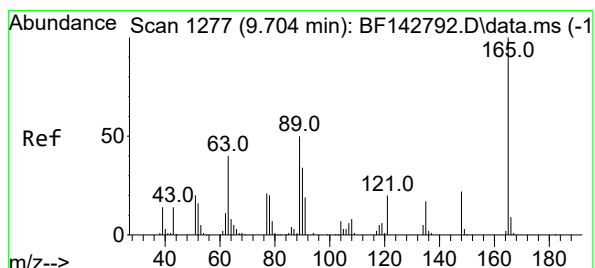
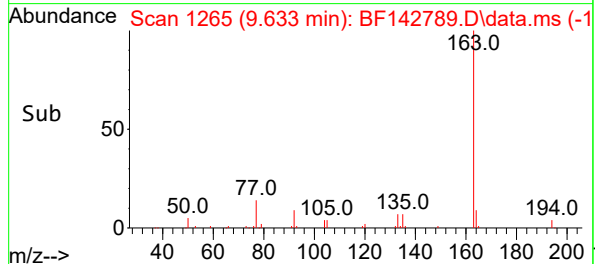
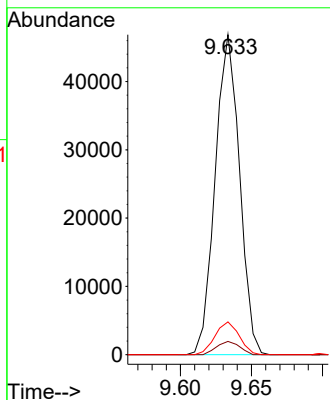
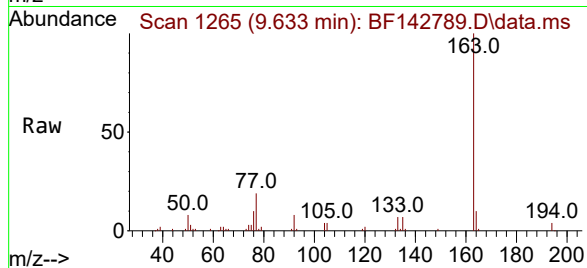




#50
Dimethylphthalate
Concen: 5.170 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

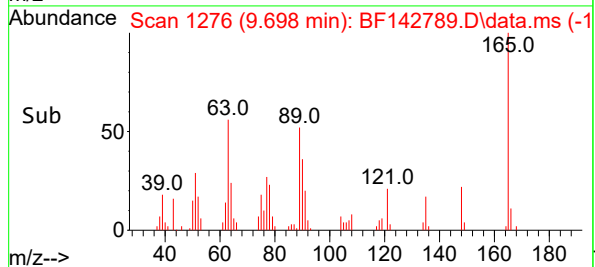
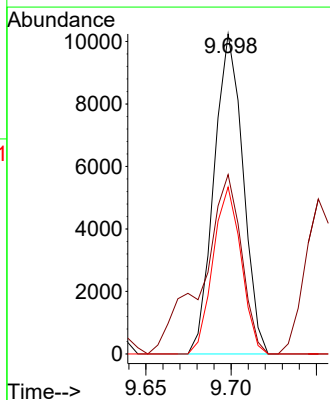
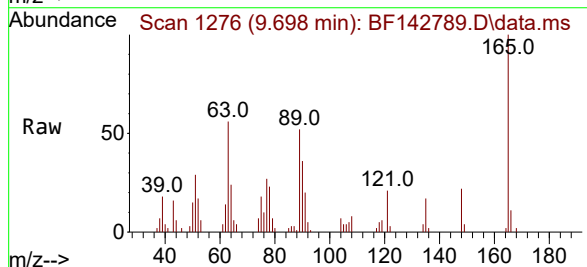
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

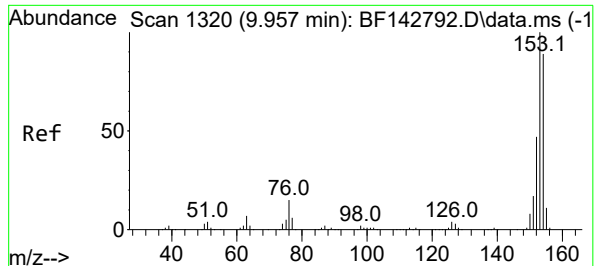
Tgt Ion:163 Resp: 55804
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.0 12.0



#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

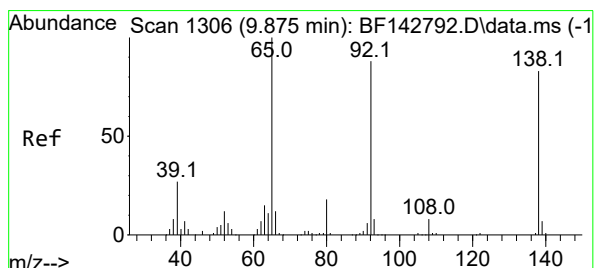
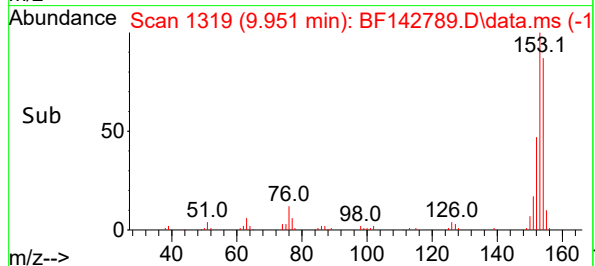
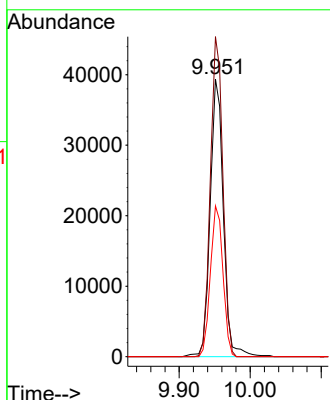
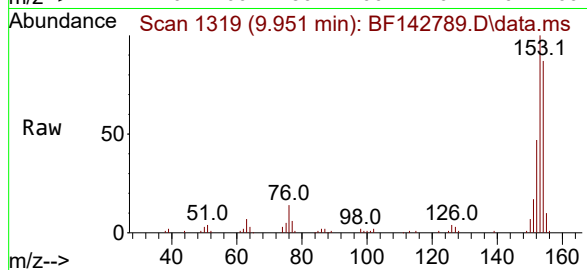
Tgt Ion:154 Resp: 50726

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

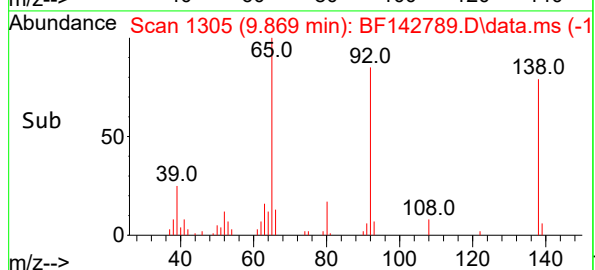
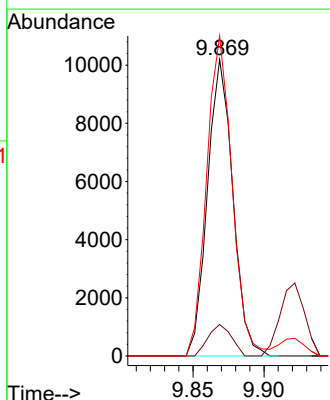
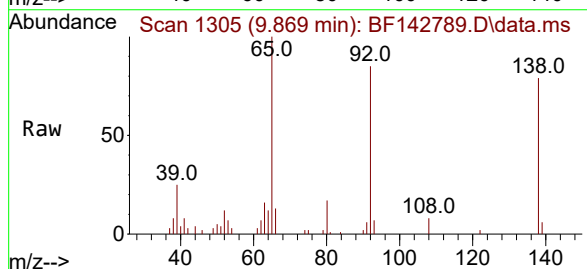
Tgt Ion:138 Resp: 12667

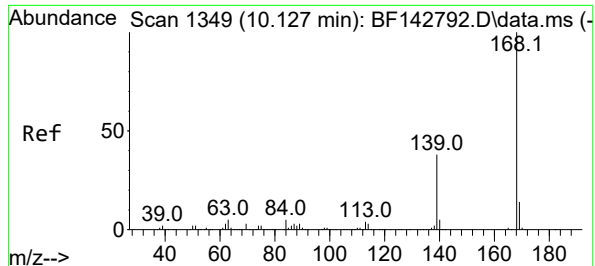
Ion Ratio Lower Upper

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

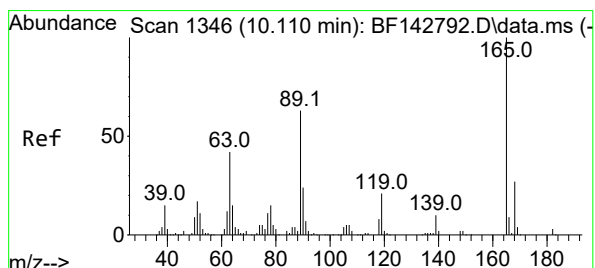
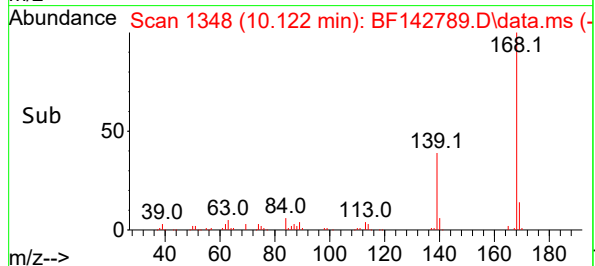
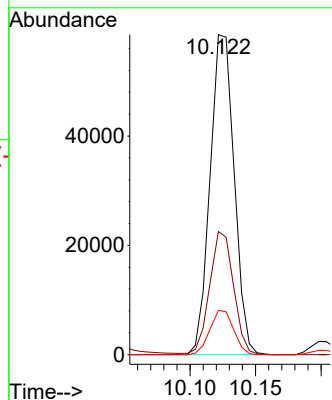
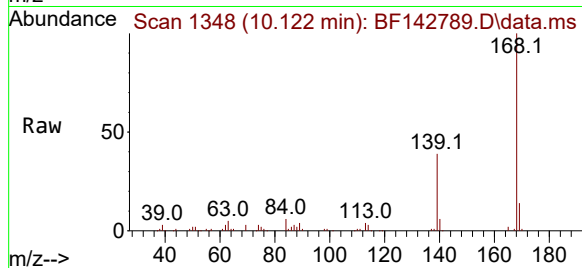
Tgt Ion:168 Resp: 74998

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

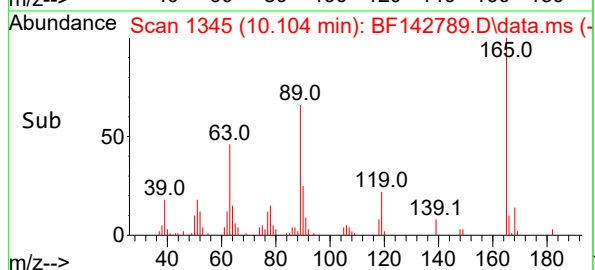
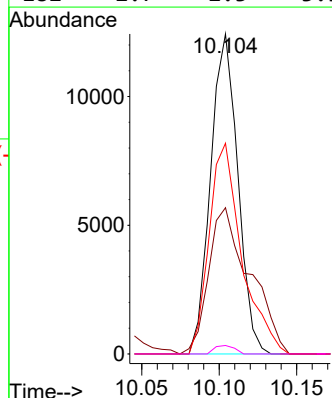
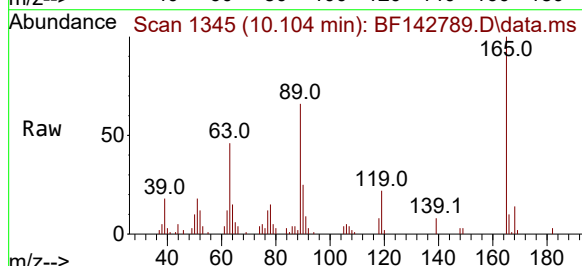
Ion Ratio Lower Upper

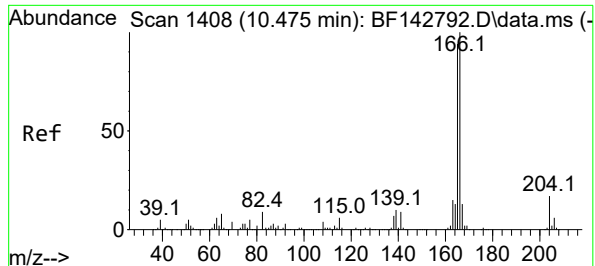
165 100

63 45.7 33.9 50.9

89 65.9 50.6 75.8

182 2.7 2.3 3.5

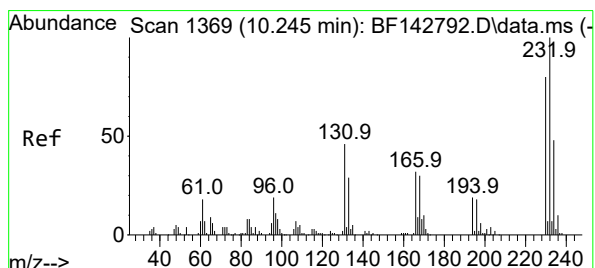
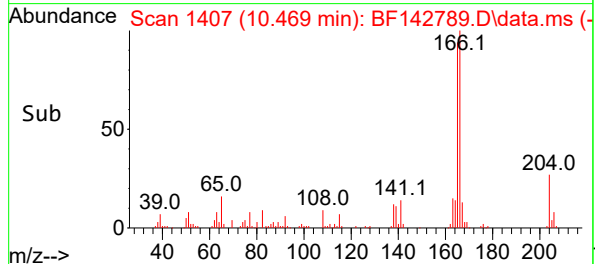
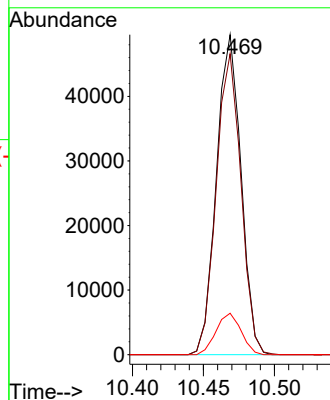
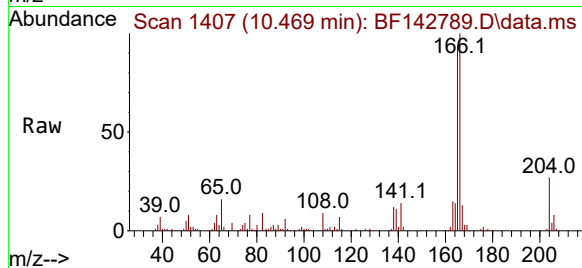




#58
Fluorene
Concen: 5.453 ng
RT: 10.469 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

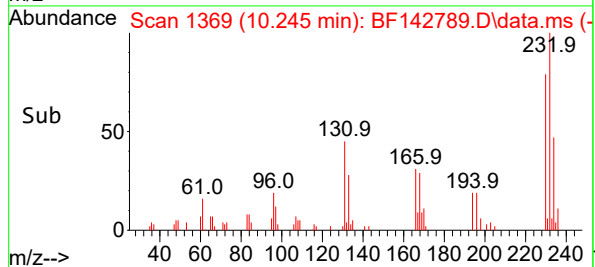
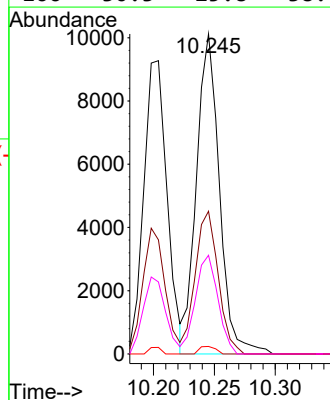
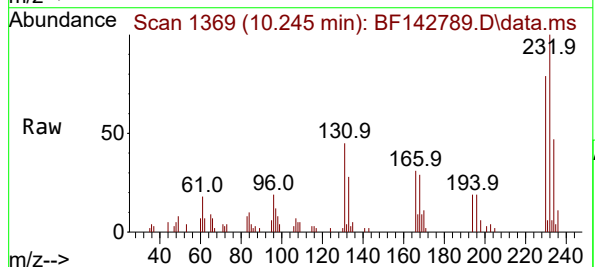
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

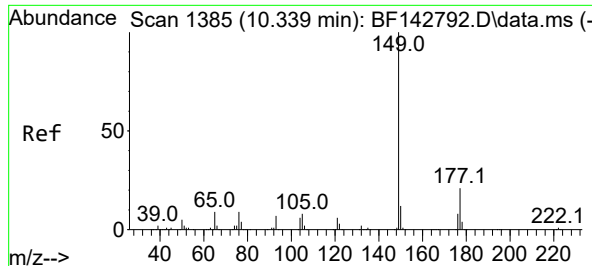
Tgt Ion:166 Resp: 59558
Ion Ratio Lower Upper
166 100
165 94.0 75.2 112.8
167 13.0 10.6 15.8



#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

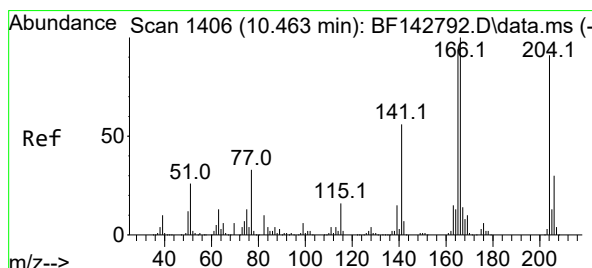
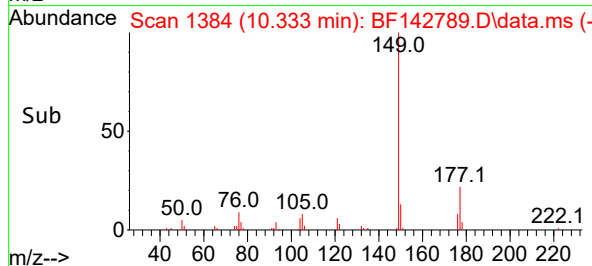
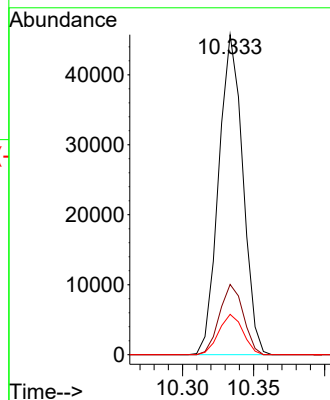
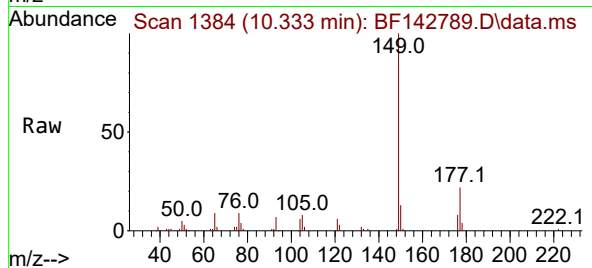




#60
Diethylphthalate
Concen: 5.040 ng
RT: 10.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

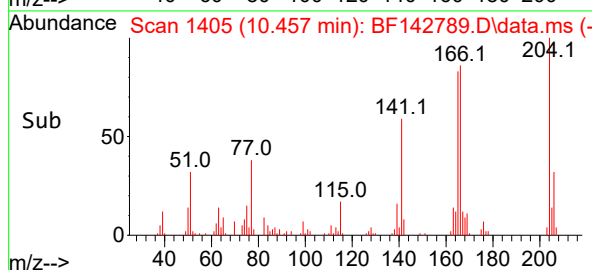
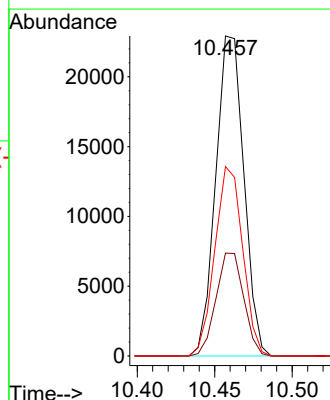
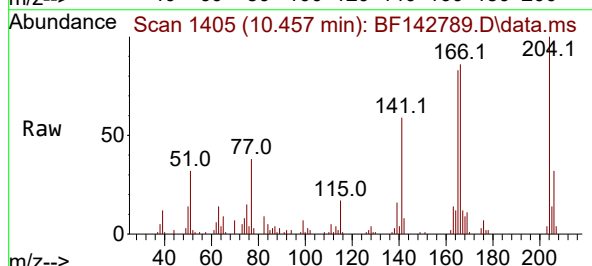
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

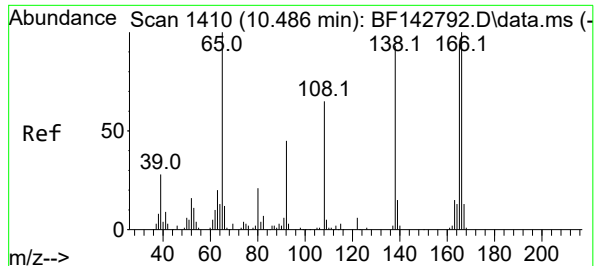
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.6
150	12.6	9.8	14.6



#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

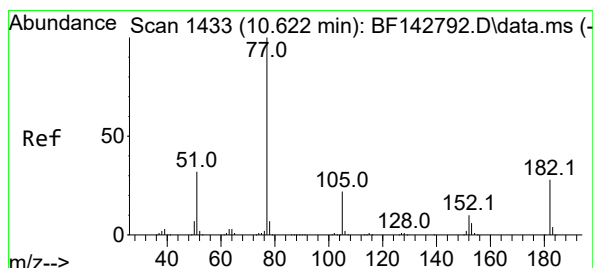
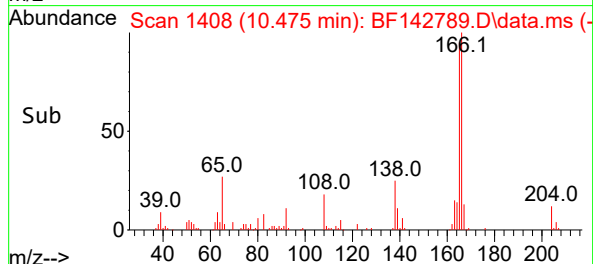
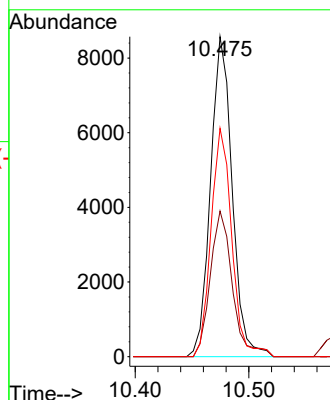
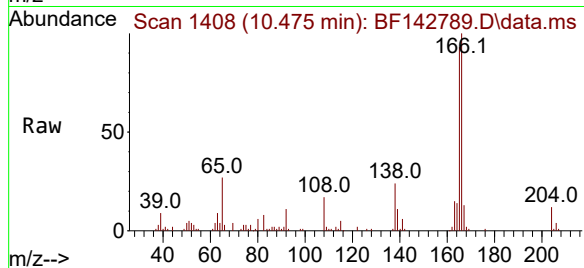
Tgt Ion:138 Resp: 11342

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

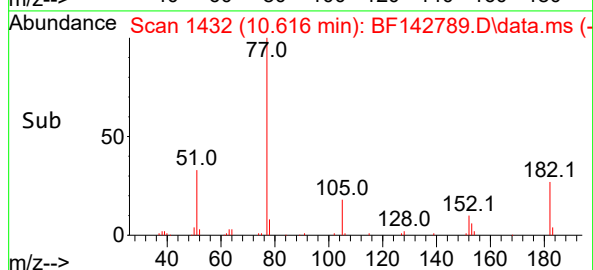
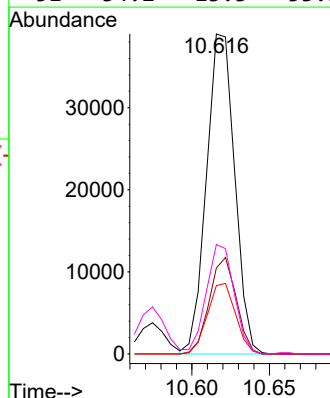
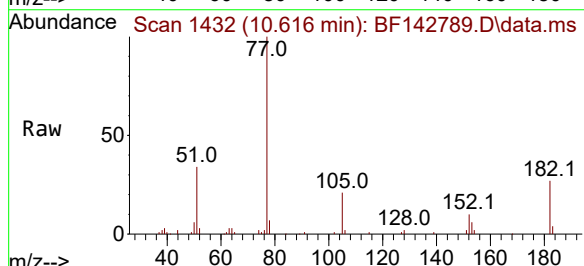
Ion Ratio Lower Upper

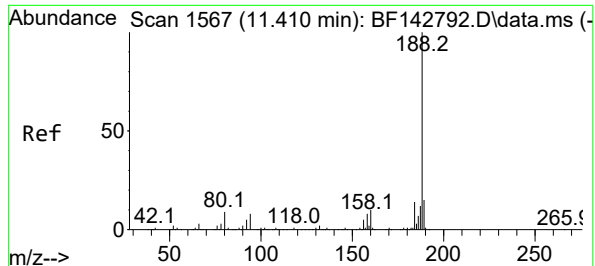
77 100

182 26.8 7.7 47.7

105 21.4 1.9 41.9

51 34.2 13.3 53.3

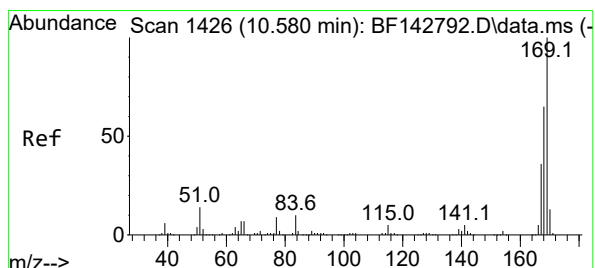
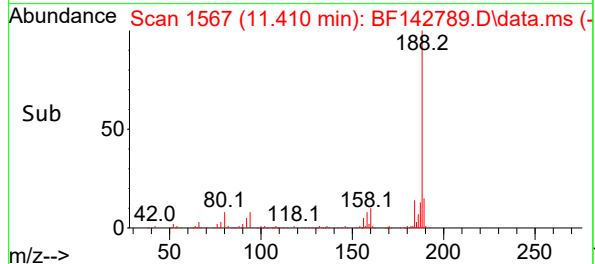
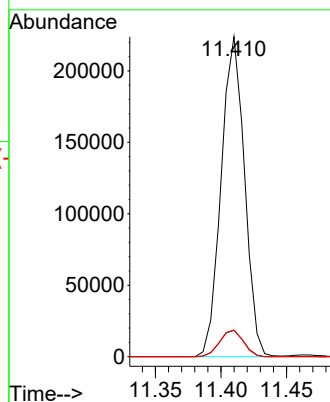
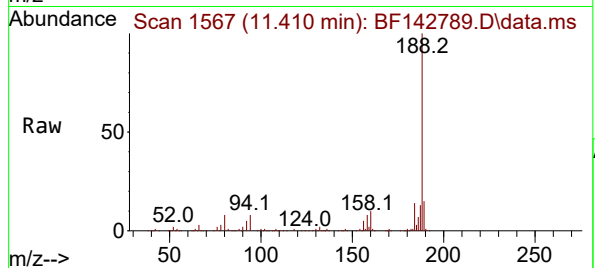




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

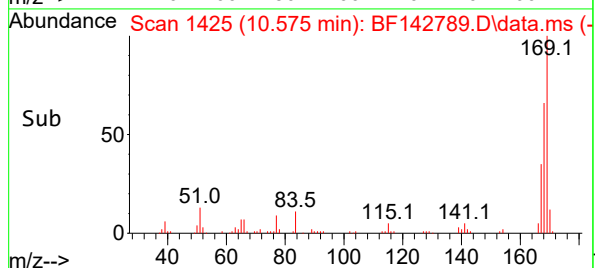
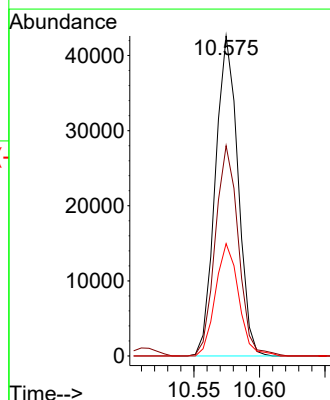
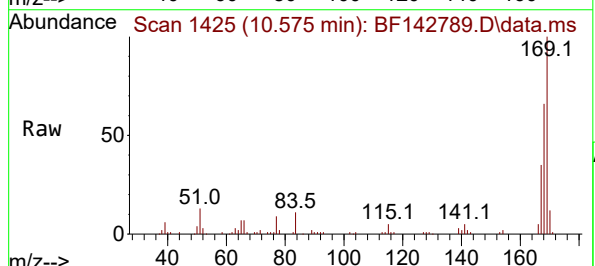
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

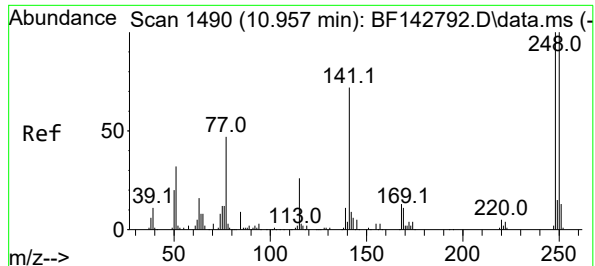
Tgt Ion:188 Resp: 277233
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.3 6.9 10.3



#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

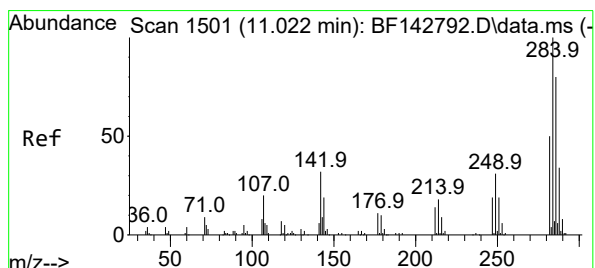
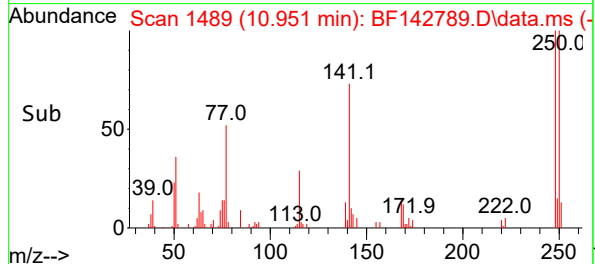
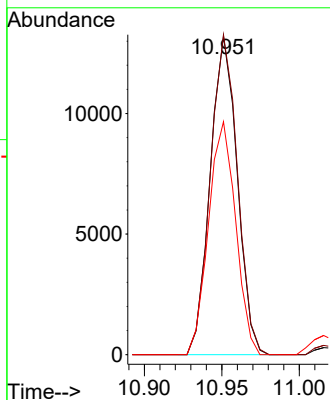
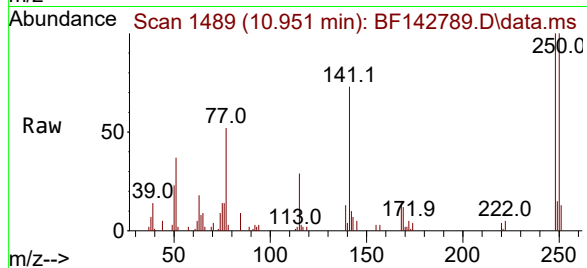




#67
4-Bromophenyl-phenylether
Concen: 4.927 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

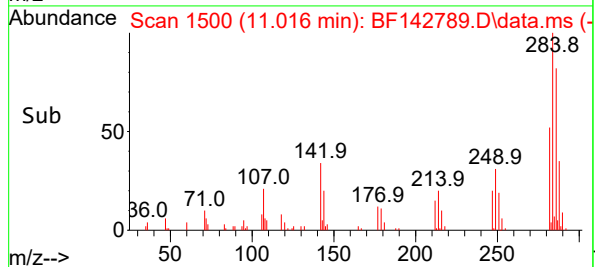
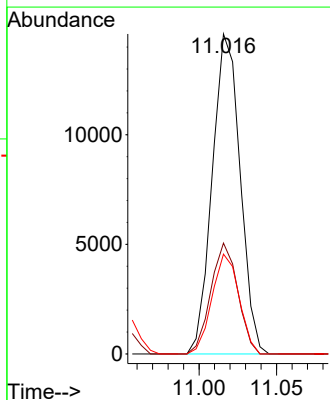
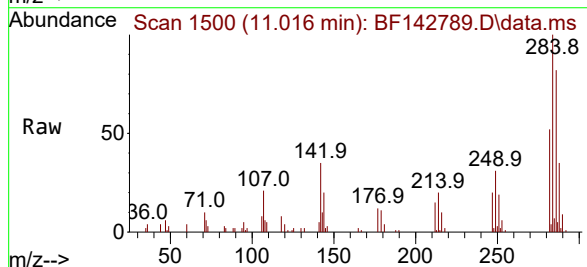
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

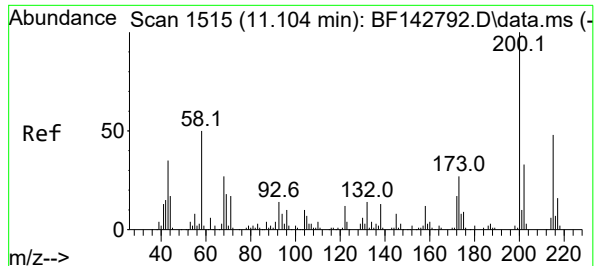
Tgt Ion:248 Resp: 15996
Ion Ratio Lower Upper
248 100
250 100.4 79.8 119.8
141 73.1 57.8 86.6



#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

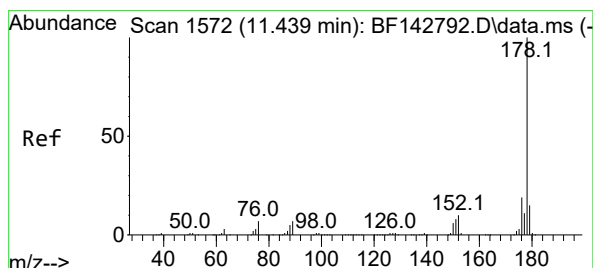
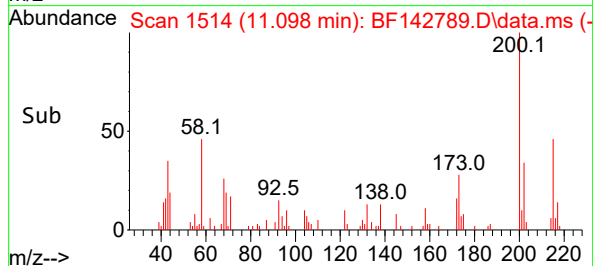
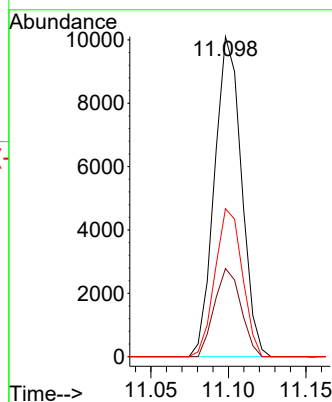
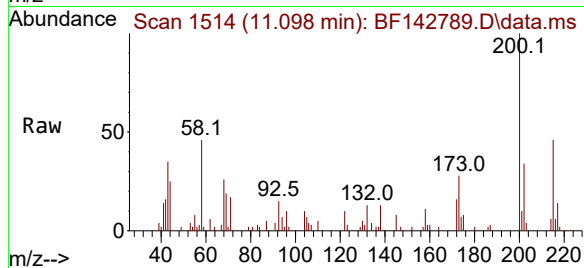
Tgt Ion:200 Resp: 12221

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

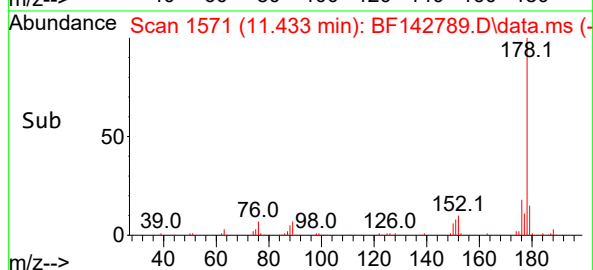
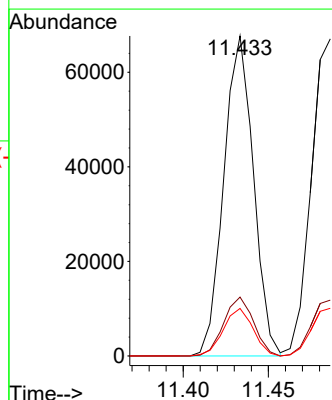
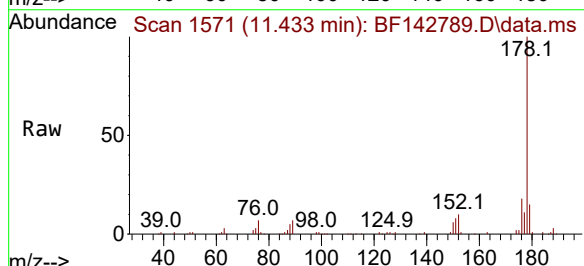
Tgt Ion:178 Resp: 81962

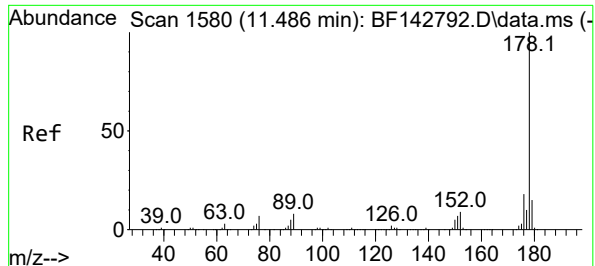
Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

179 14.8 12.0 18.0

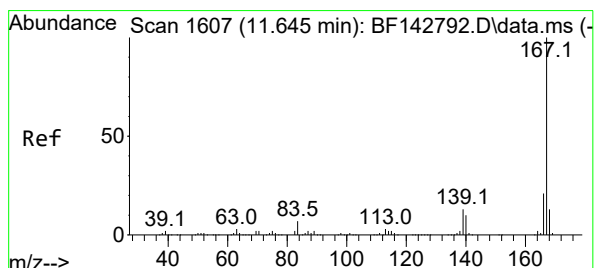
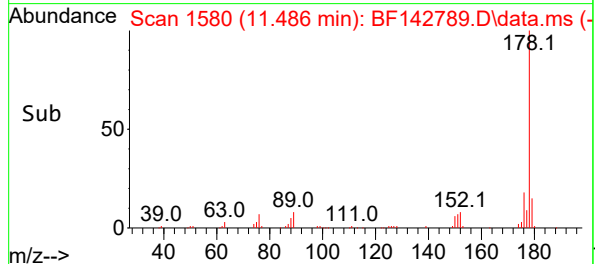
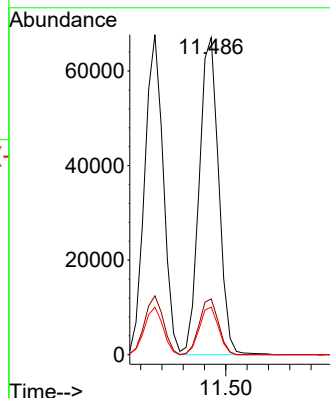
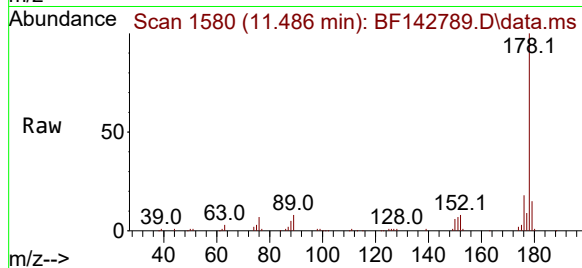




#72
Anthracene
Concen: 5.529 ng
RT: 11.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

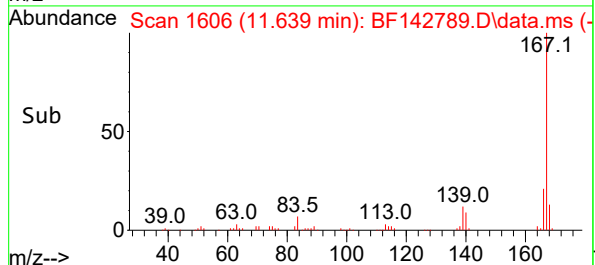
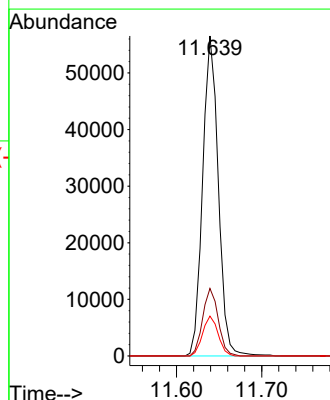
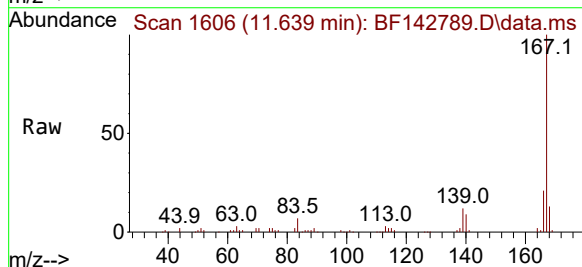
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

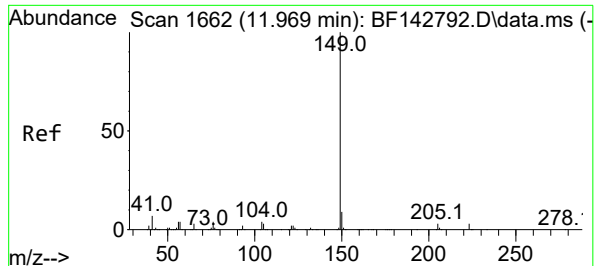
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	21.8
179	15.1	12.4	18.6



#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	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	12.5	10.2	15.2

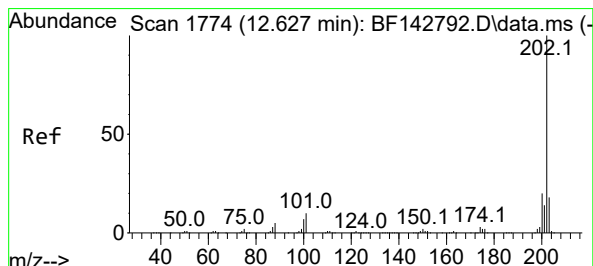
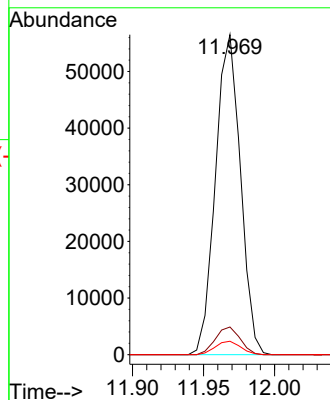
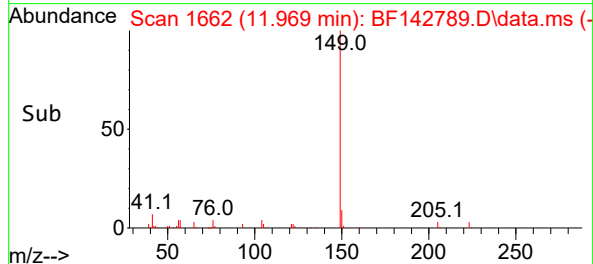
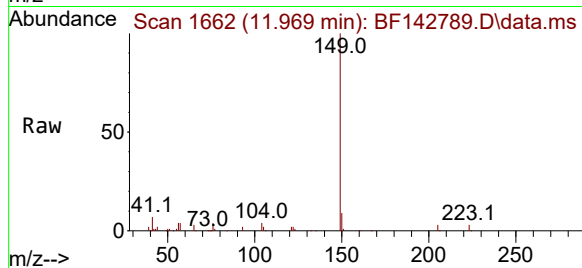




#74
Di-n-butylphthalate
Concen: 4.850 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

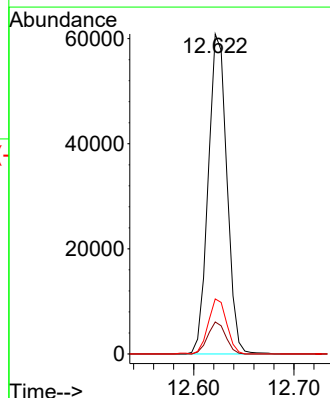
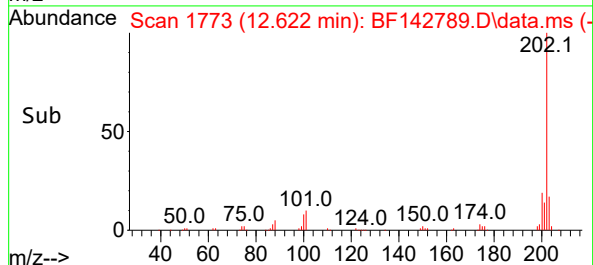
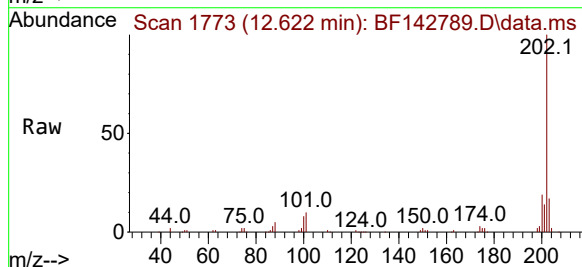
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

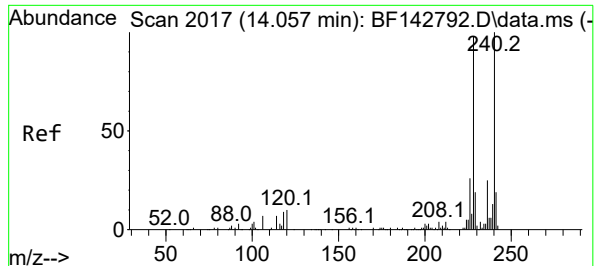
Tgt Ion:149 Resp: 69083
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.0
104 4.2 3.5 5.3



#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

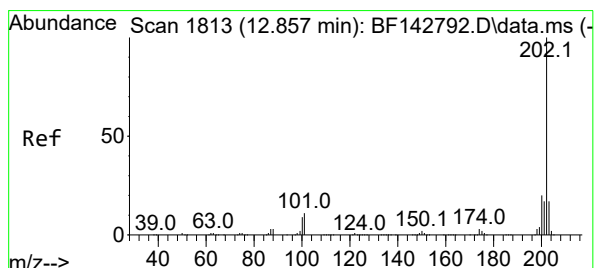
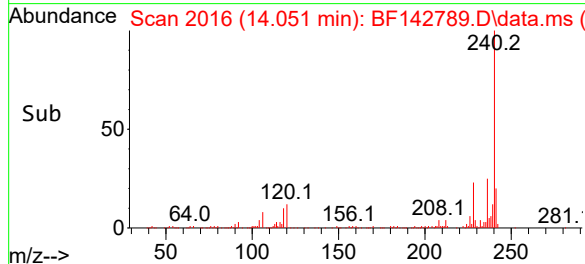
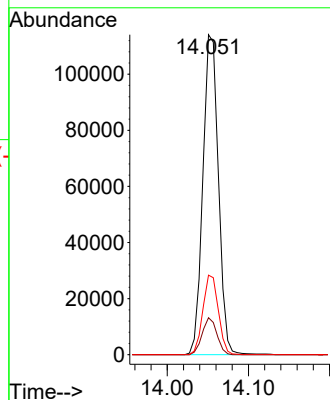
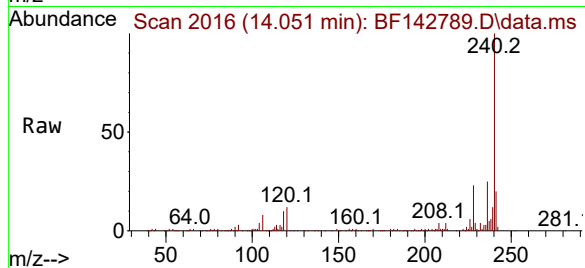




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

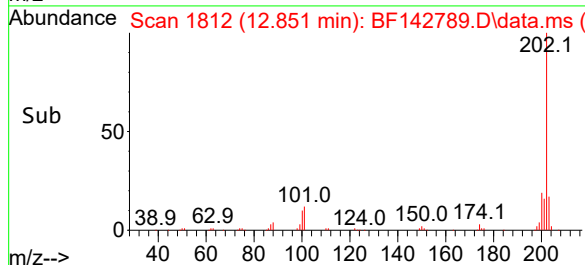
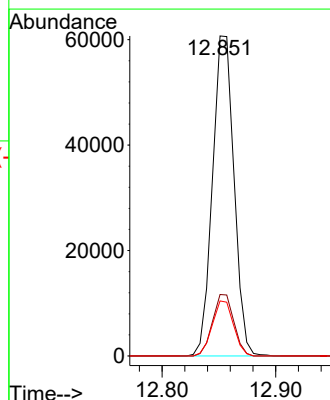
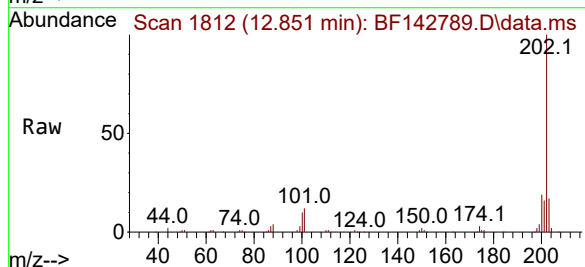
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

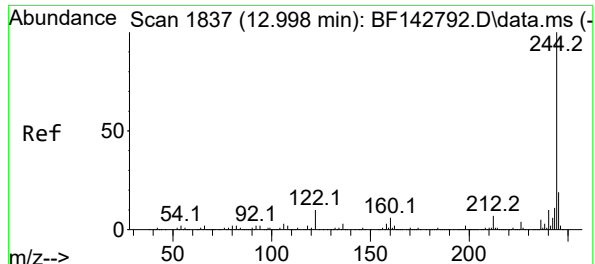
Tgt Ion:240 Resp: 151689
Ion Ratio Lower Upper
240 100
120 11.5 8.2 12.2
236 24.9 19.8 29.8



#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

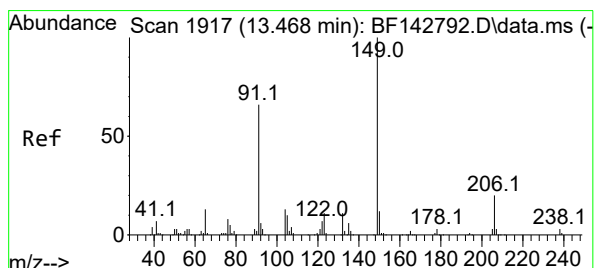
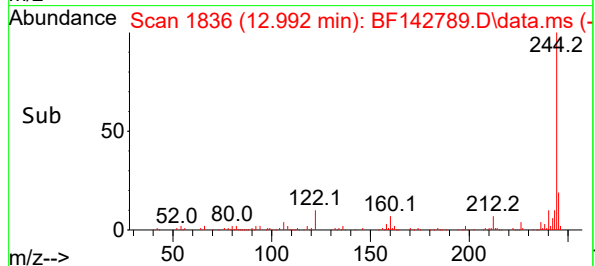
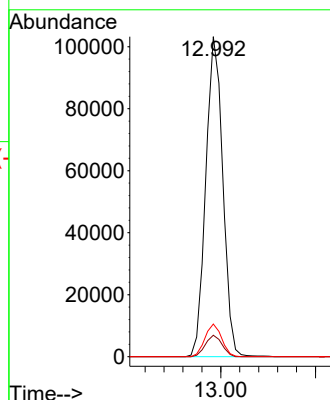
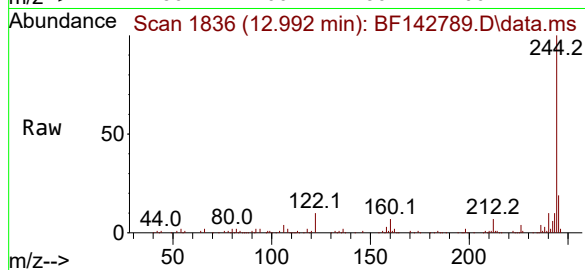
Tgt Ion:244 Resp: 128289

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

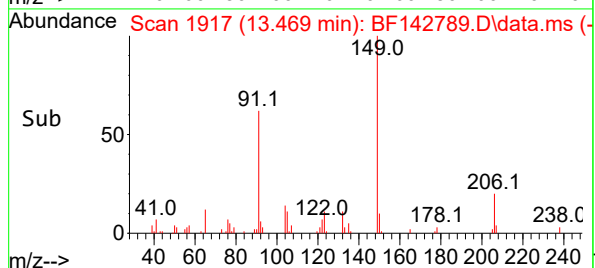
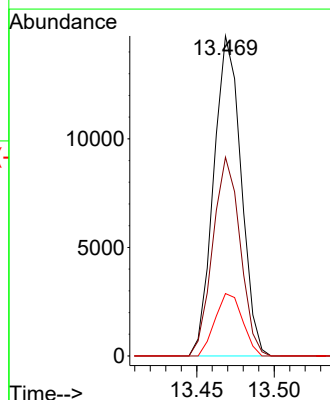
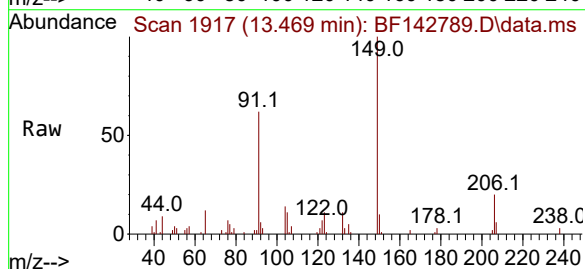
Tgt Ion:149 Resp: 18113

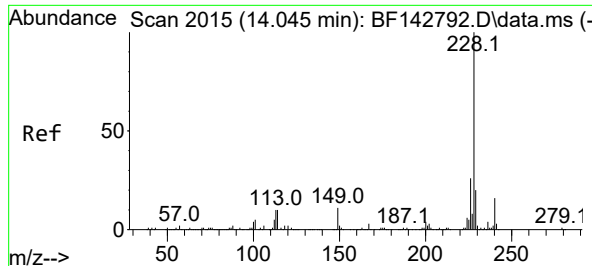
Ion Ratio Lower Upper

149 100

91 62.1 52.9 79.3

206 19.5 16.3 24.5

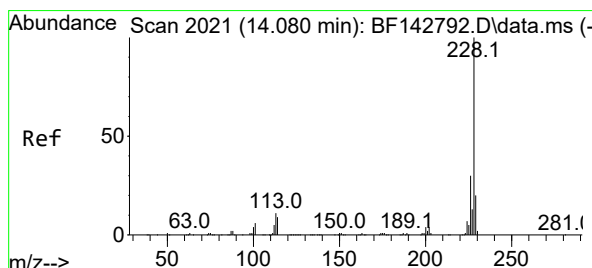
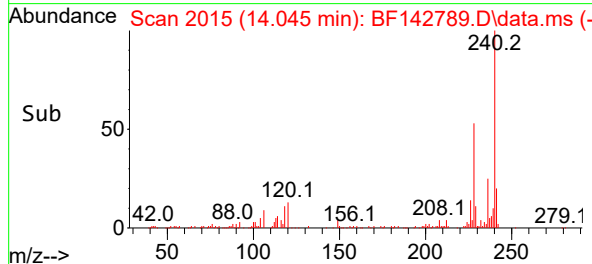
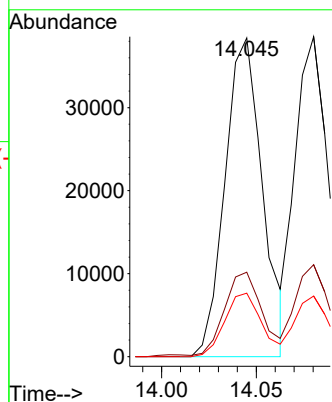
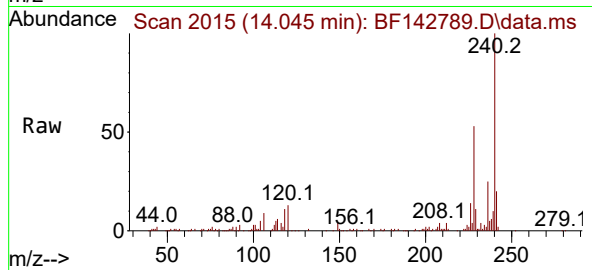




#81
Benzo(a)anthracene
Concen: 5.300 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

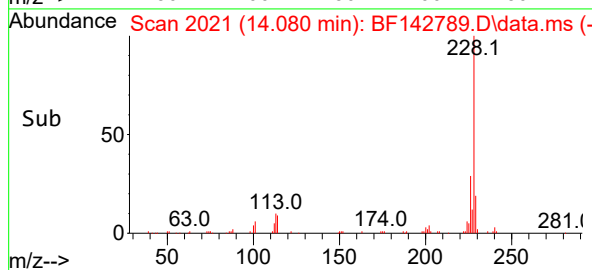
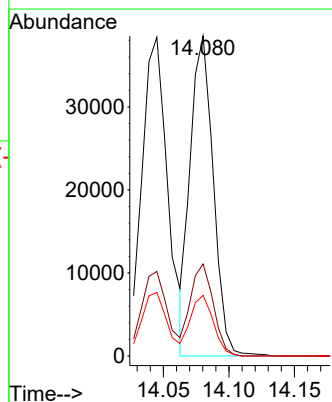
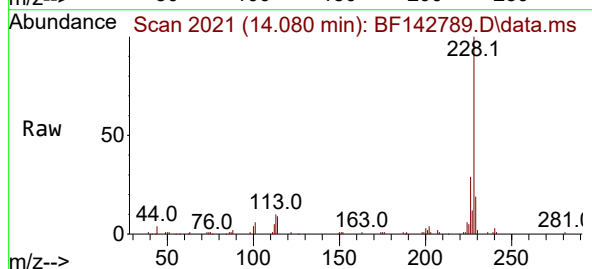
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

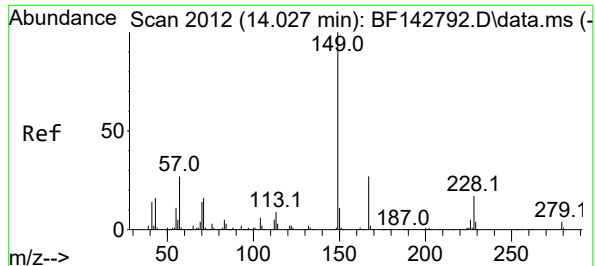
Tgt Ion:228 Resp: 52785
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.9 15.6 23.4



#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

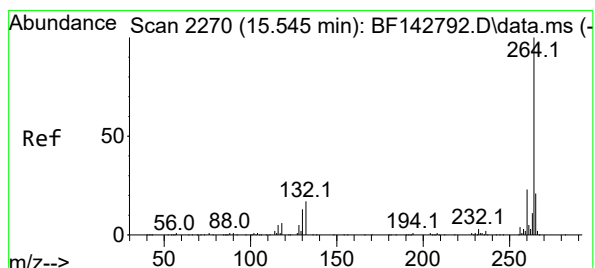
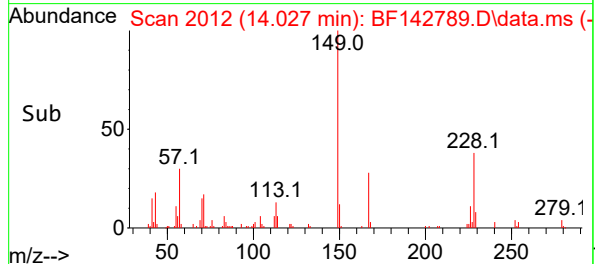
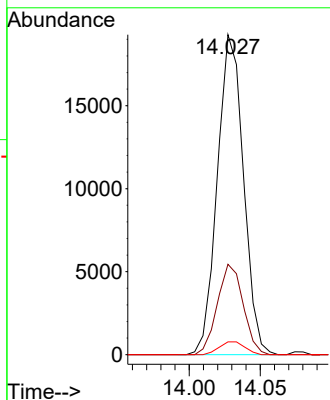
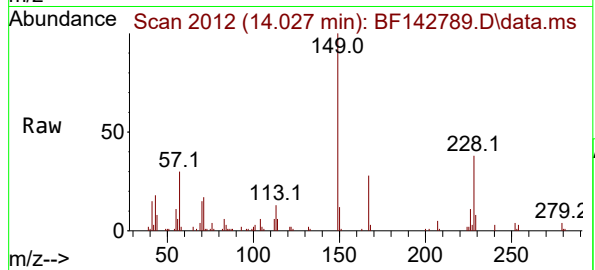




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.002 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

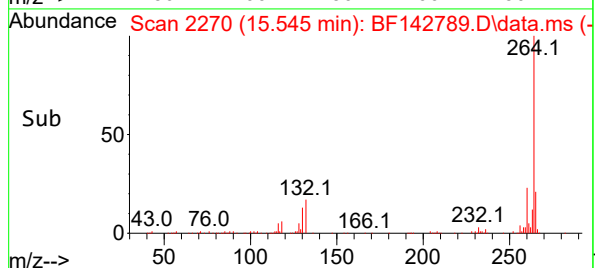
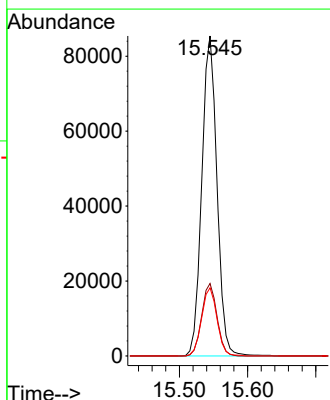
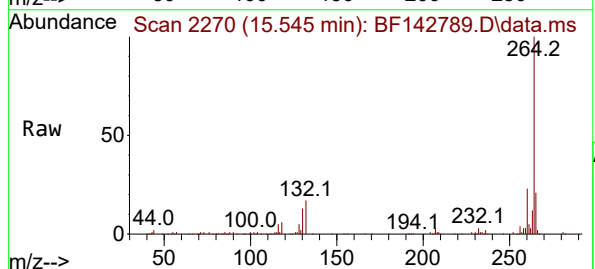
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

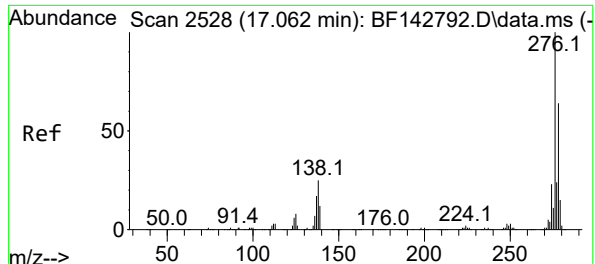
Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.4	32.0
279	4.0	3.0	4.6



#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	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

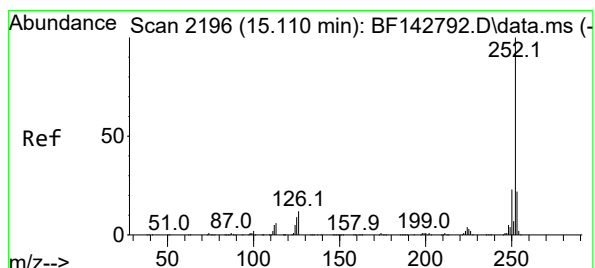
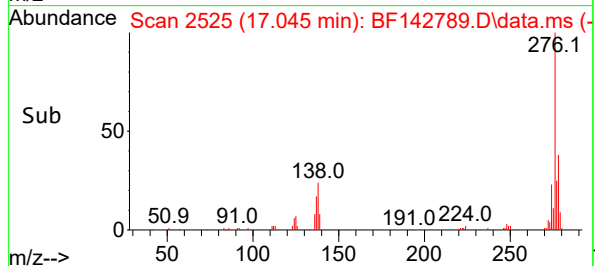
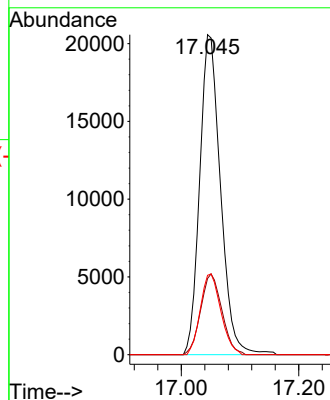
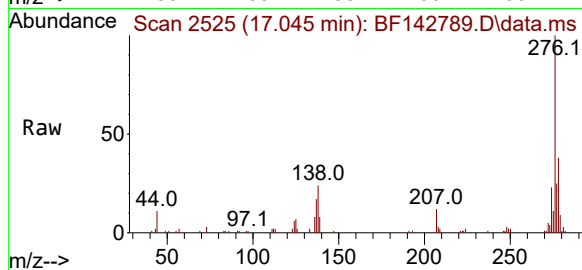
Tgt Ion:276 Resp: 50546

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

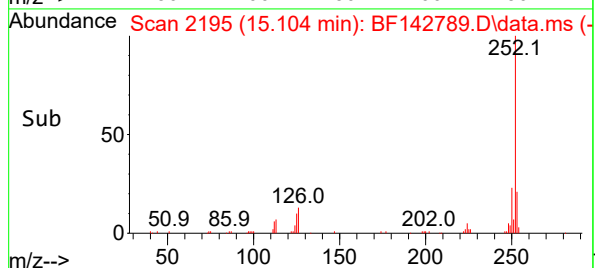
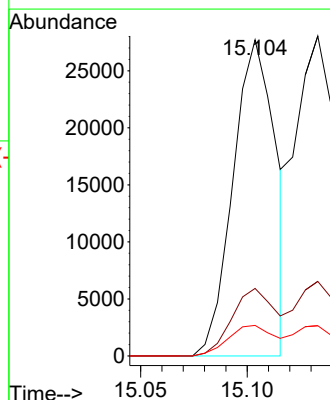
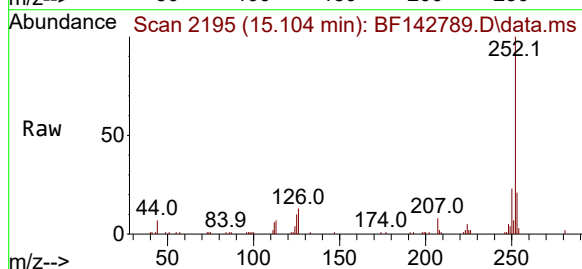
Tgt Ion:252 Resp: 38493

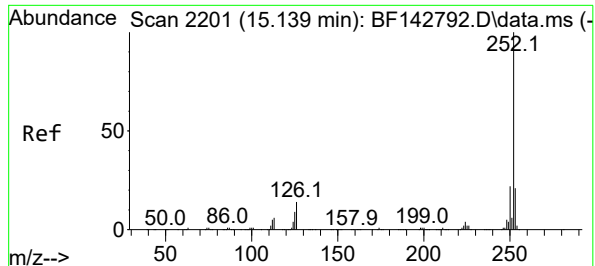
Ion Ratio Lower Upper

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

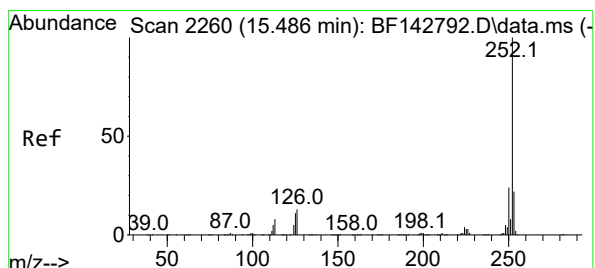
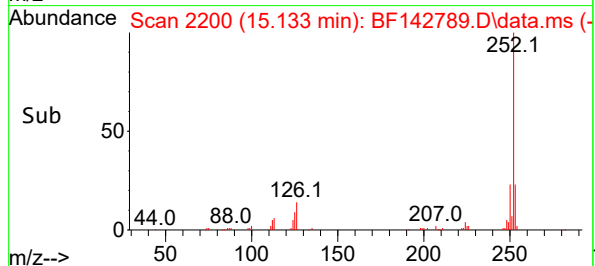
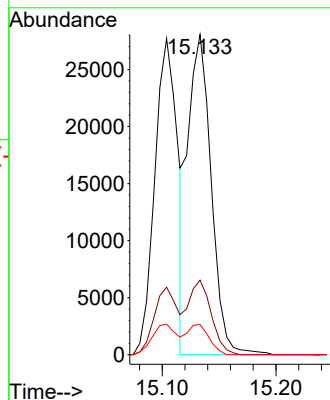
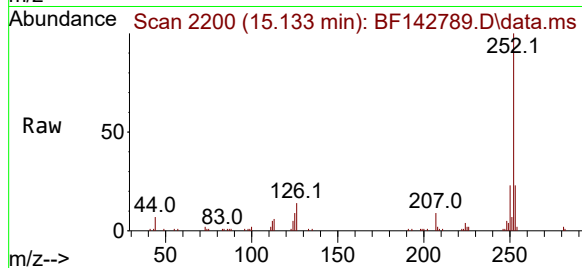
Tgt Ion:252 Resp: 39874

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

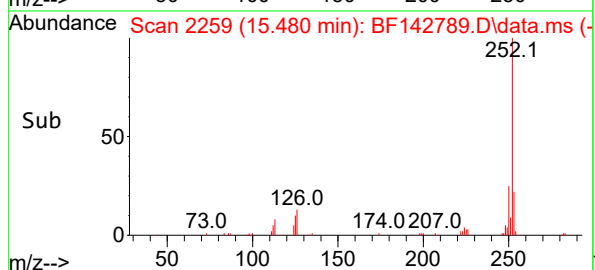
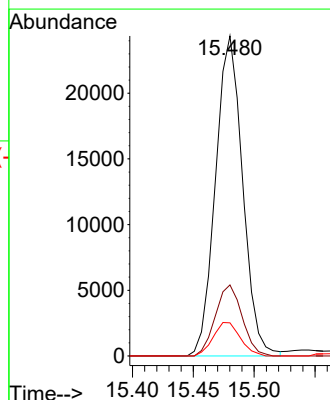
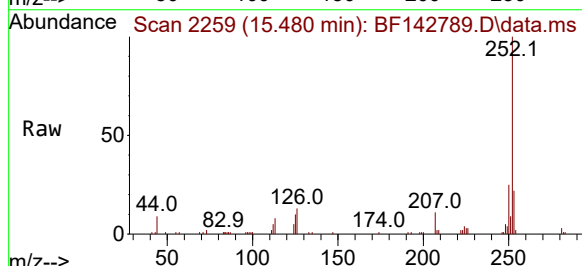
Tgt Ion:252 Resp: 37779

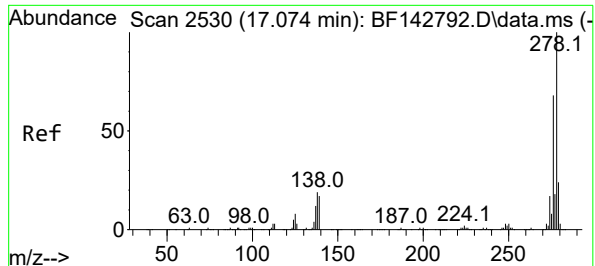
Ion Ratio Lower Upper

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 :

SSTDIC005

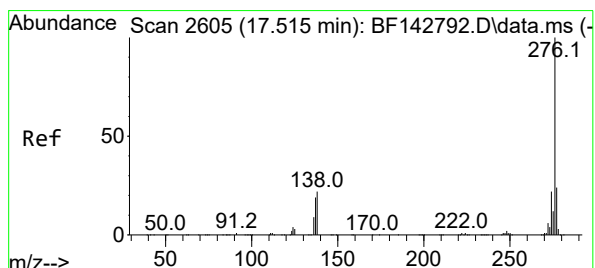
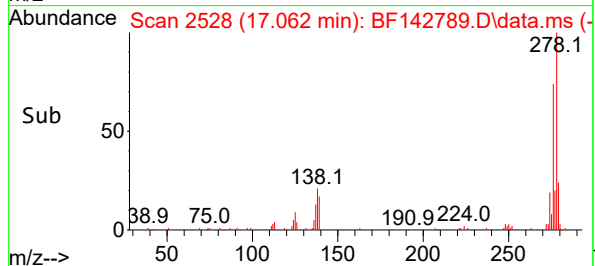
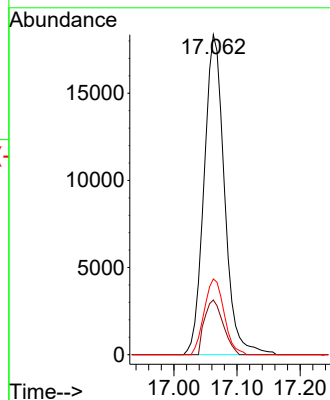
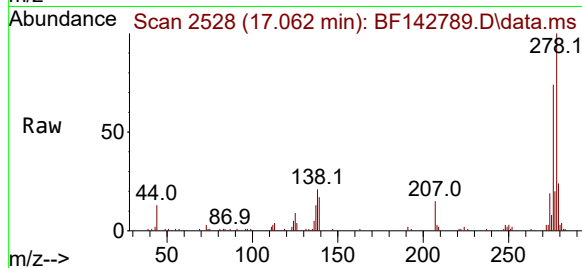
Tgt Ion:278 Resp: 41301

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

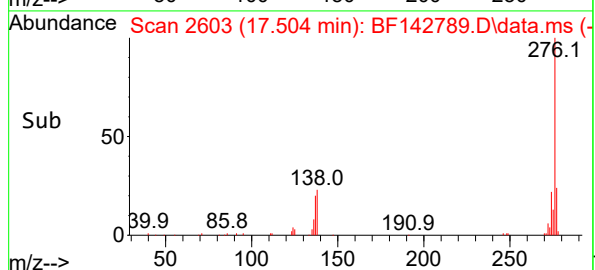
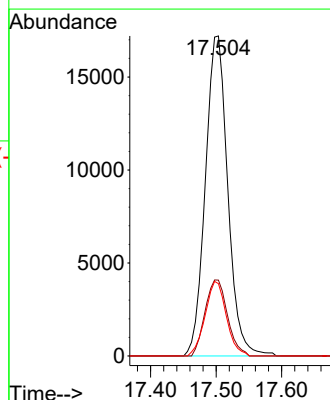
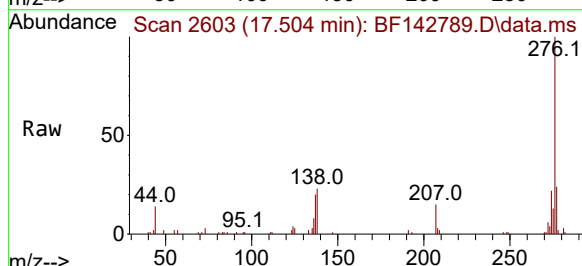
Tgt Ion:276 Resp: 40975

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

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 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

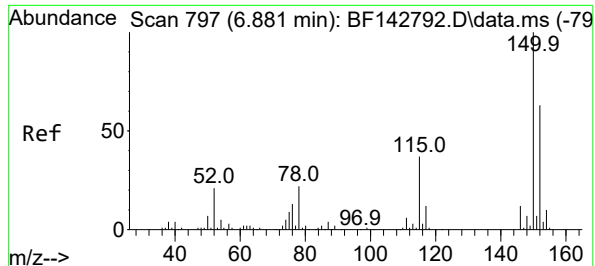
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

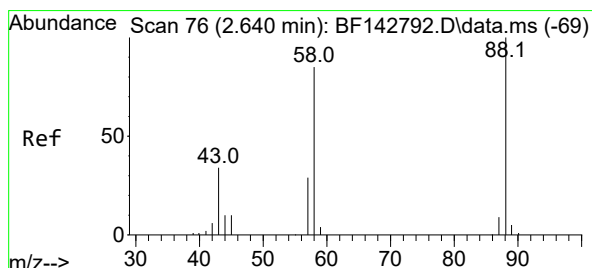
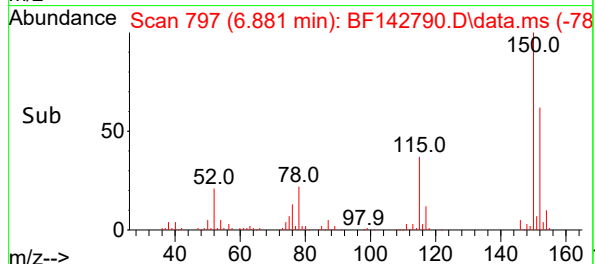
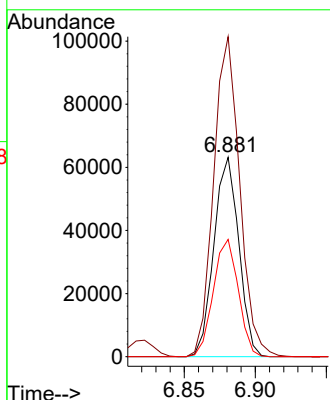
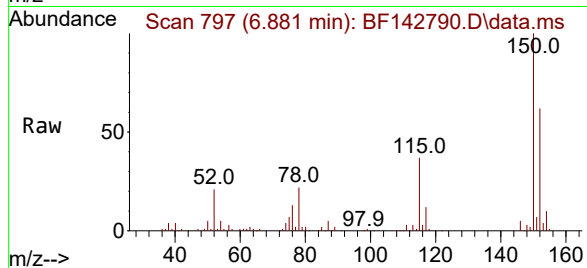
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

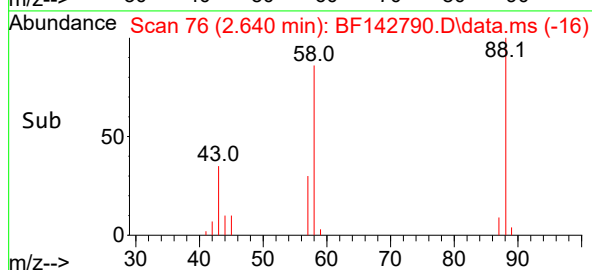
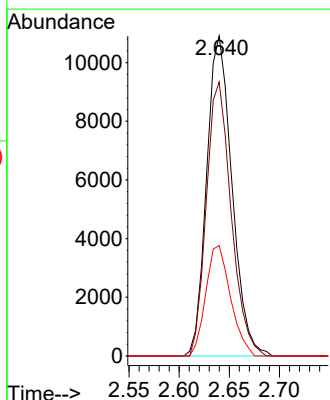
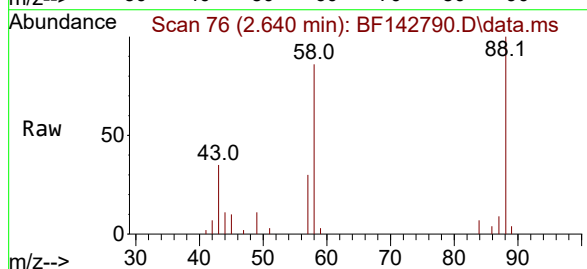
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BNA_F
ClientSampleId :
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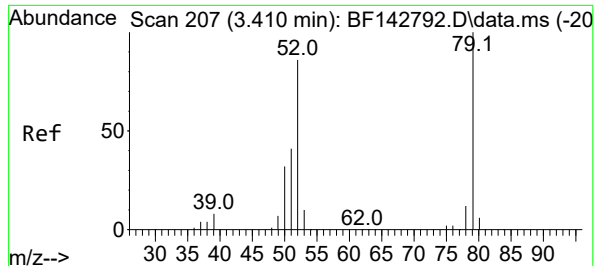
Tgt Ion:152 Resp: 76918
Ion Ratio Lower Upper
152 100
150 160.5 127.2 190.8
115 58.8 46.6 69.8



#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

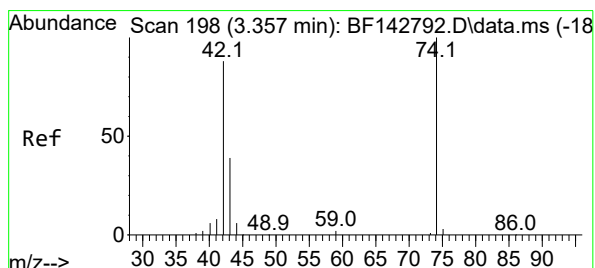
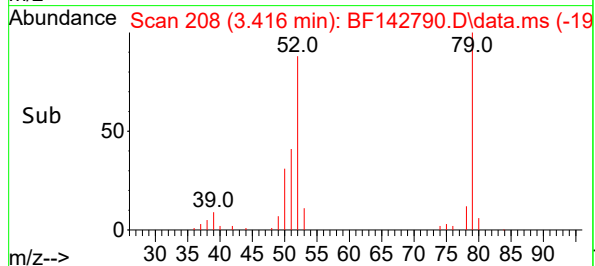
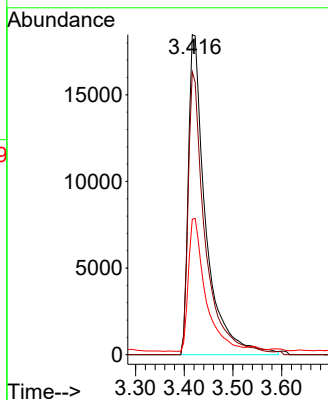
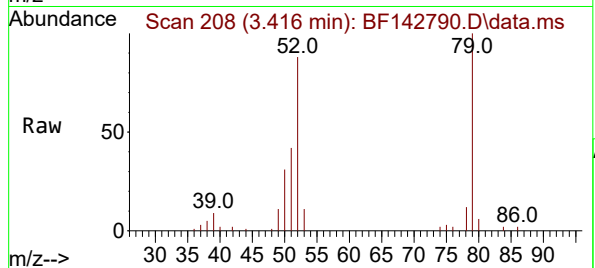
Tgt Ion: 79 Resp: 45966

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

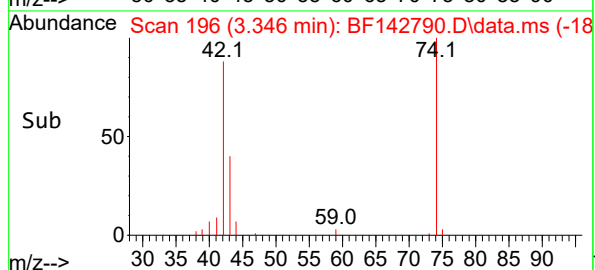
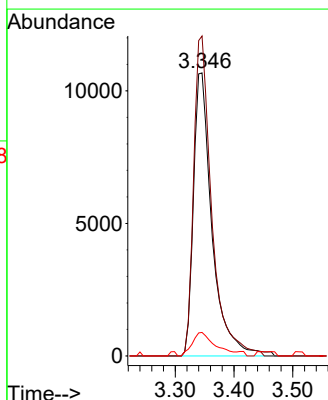
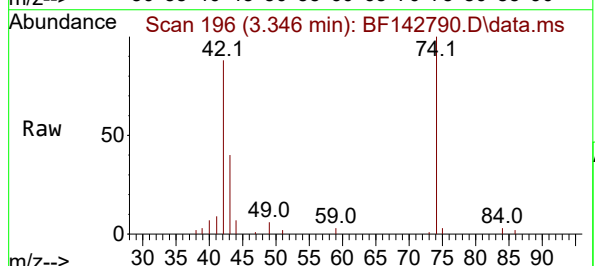
Tgt Ion: 42 Resp: 23459

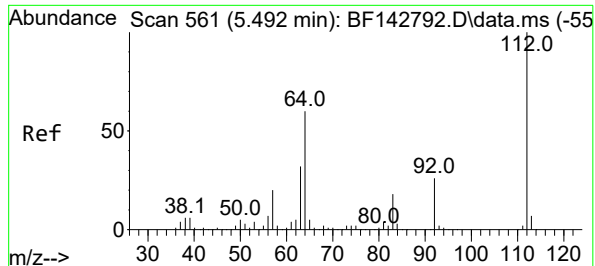
Ion Ratio Lower Upper

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

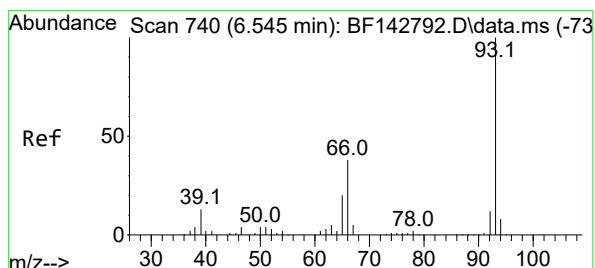
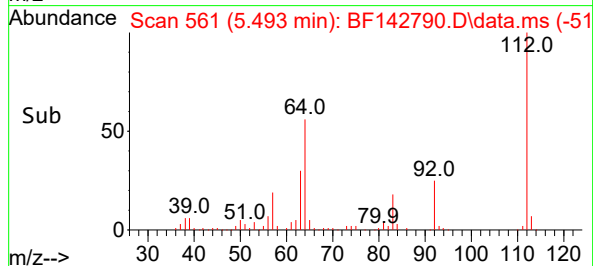
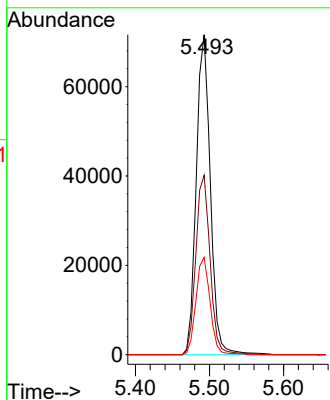
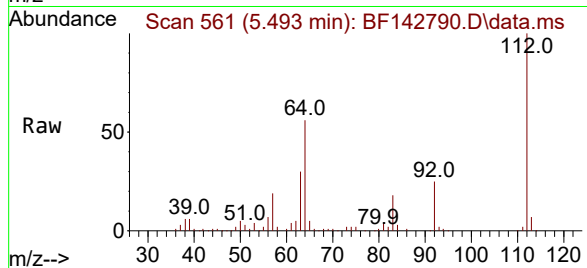
Tgt Ion:112 Resp: 94601

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

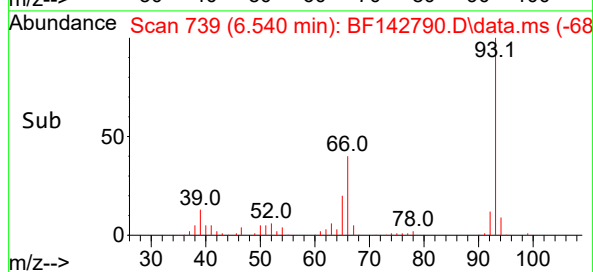
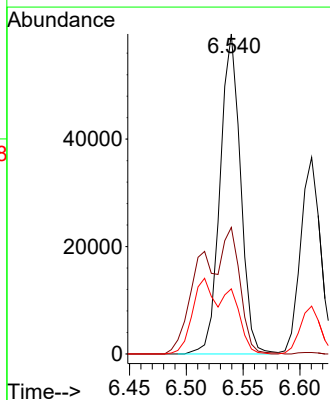
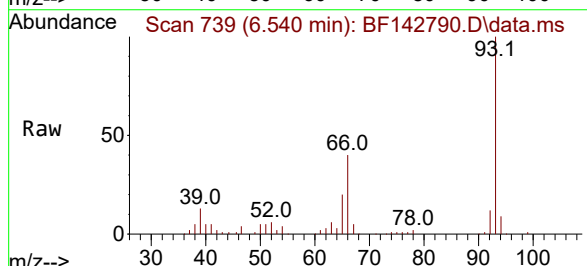
Tgt Ion: 93 Resp: 74779

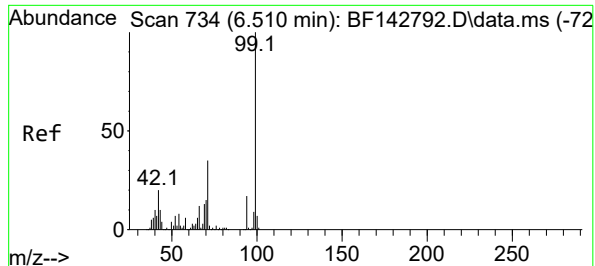
Ion Ratio Lower Upper

93 100

66 39.6 31.8 47.6

65 20.4 16.2 24.2

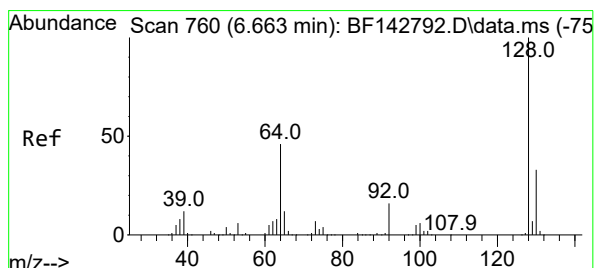
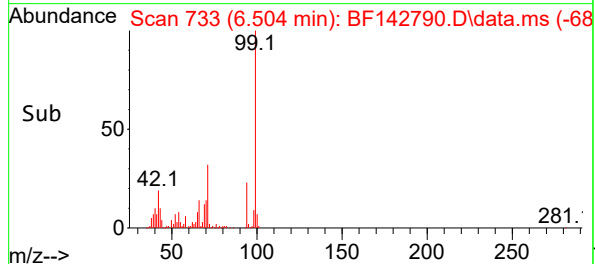
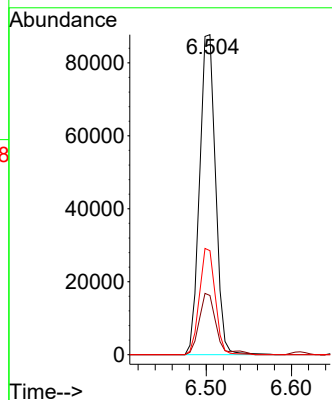
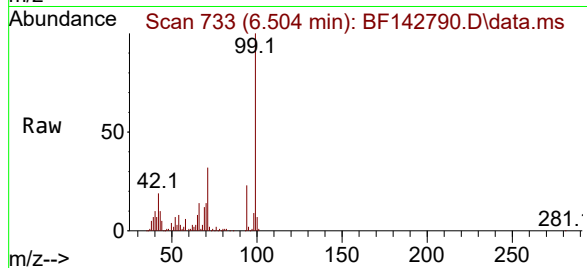




#7
Phenol-d6
Concen: 21.510 ng
RT: 6.504 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

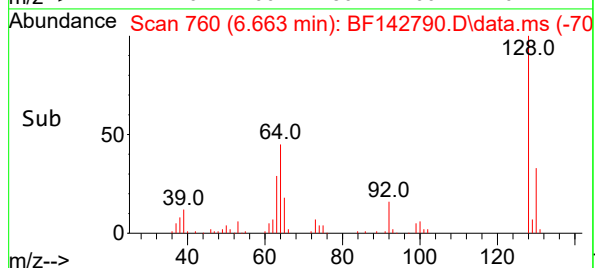
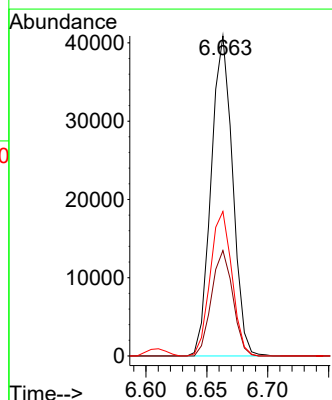
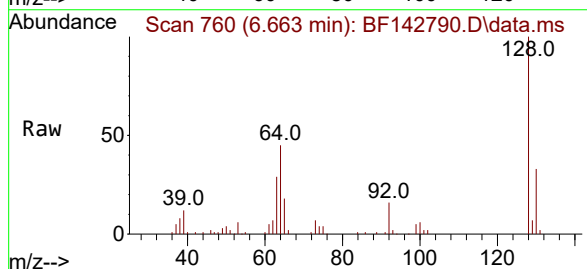
Instrument :
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ClientSampleId :
SSTDICC010

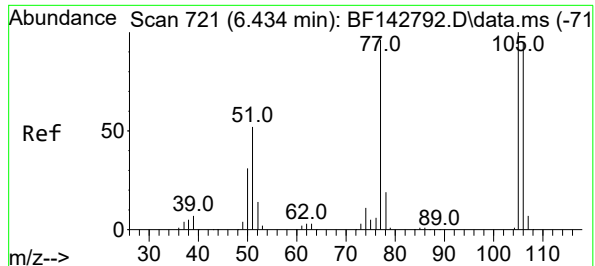
Tgt Ion: 99 Resp: 113910
Ion Ratio Lower Upper
99 100
42 18.5 15.9 23.9
71 32.5 27.8 41.8



#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

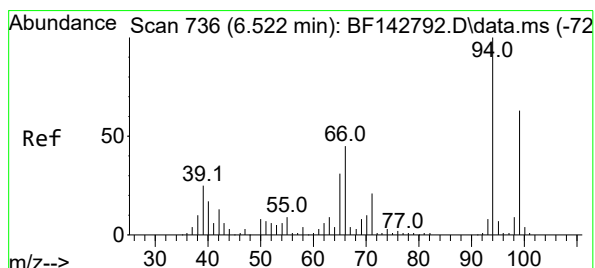
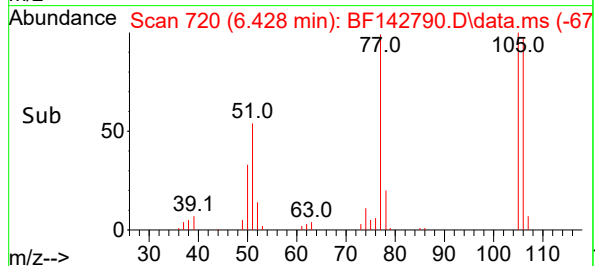
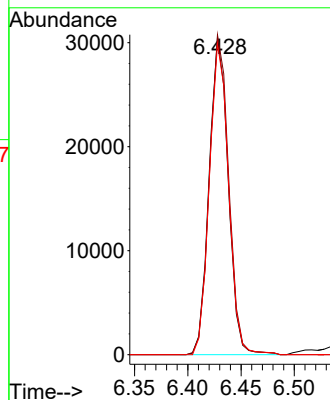
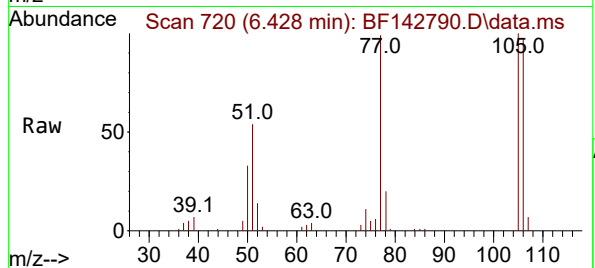




#9
Benzaldehyde
Concen: 11.768 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

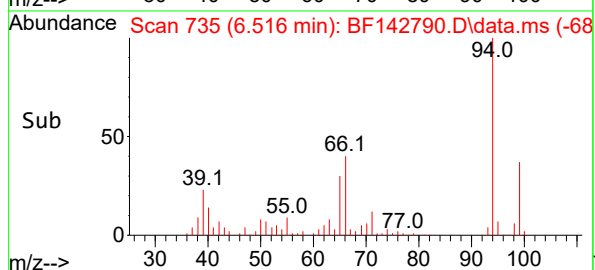
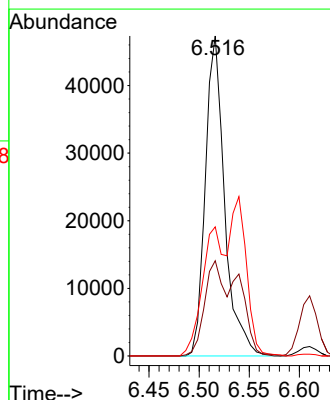
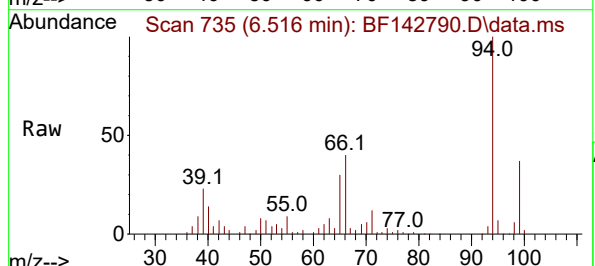
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BNA_F
ClientSampleId :
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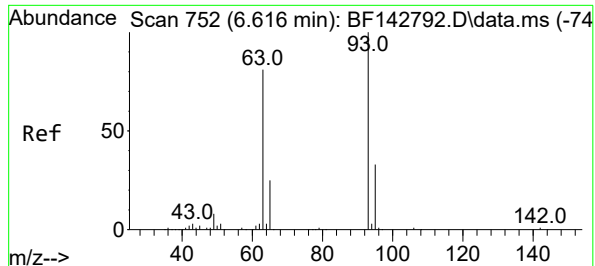
Tgt Ion: 77 Resp: 37993
Ion Ratio Lower Upper
77 100
105 100.8 83.8 123.8
106 98.1 78.7 118.7



#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

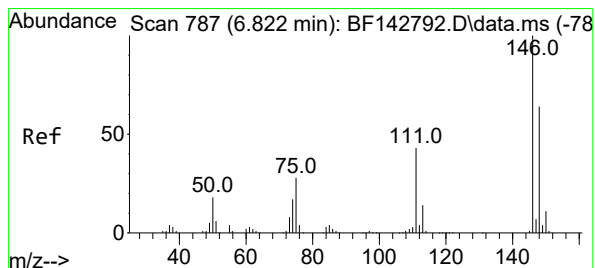
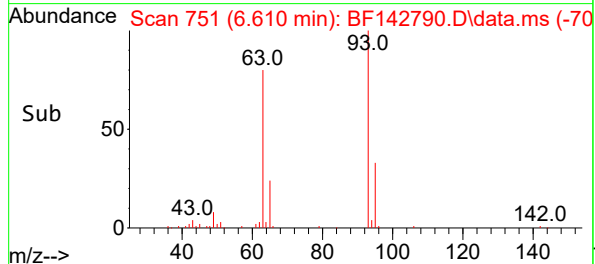
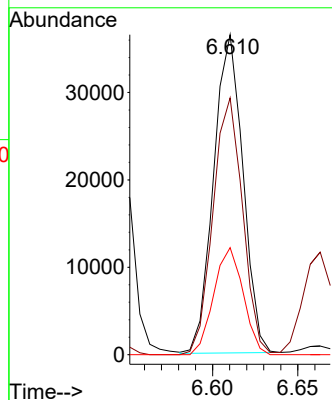
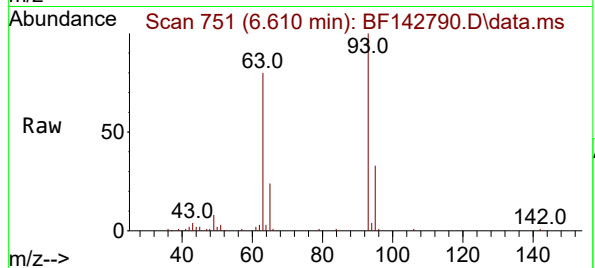




#11
bis(2-Chloroethyl)ether
Concen: 9.950 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

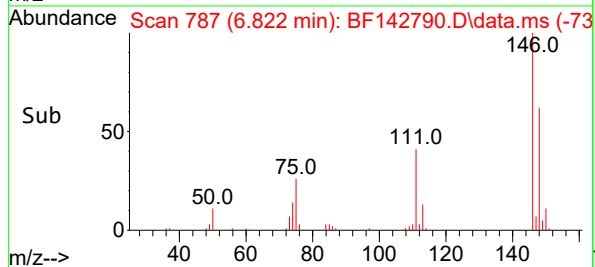
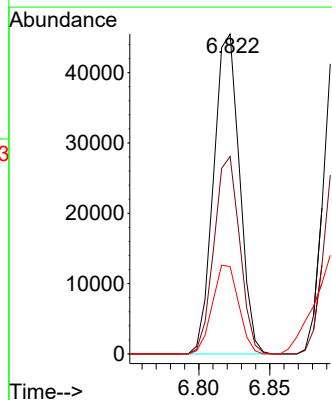
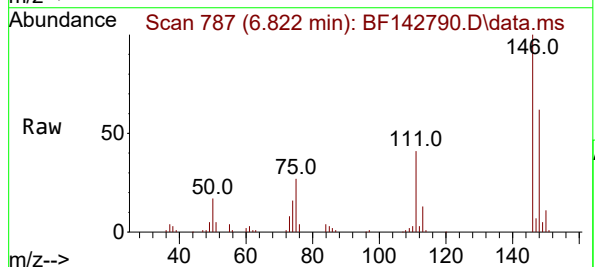
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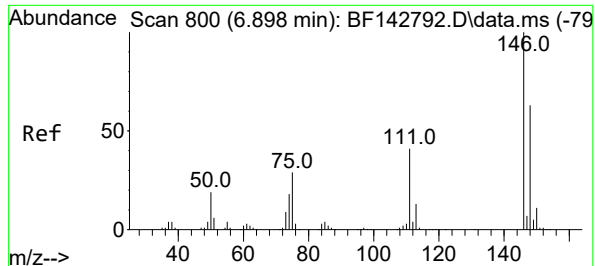
Tgt Ion: 93 Resp: 43585
Ion Ratio Lower Upper
93 100
63 80.2 60.3 100.3
95 33.5 12.5 52.5



#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

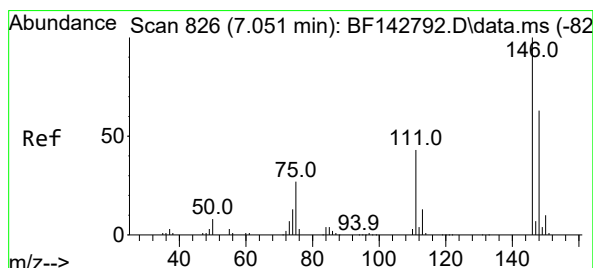
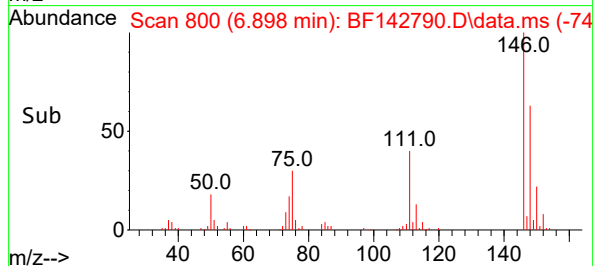
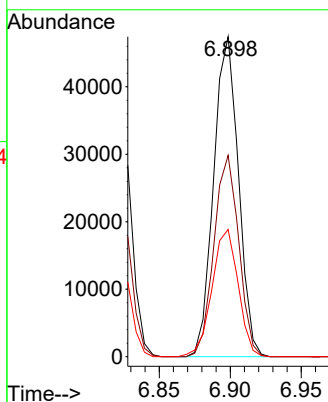
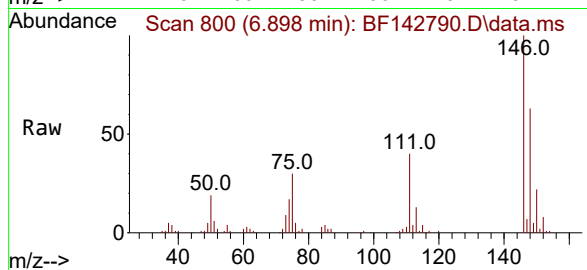
Tgt Ion:146 Resp: 57522

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

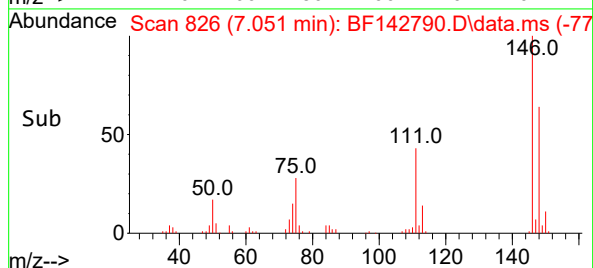
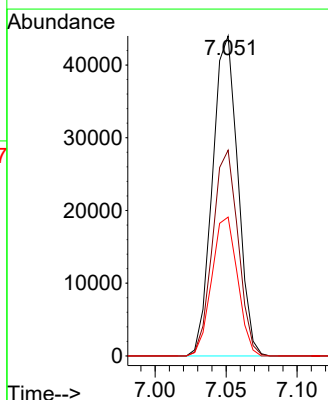
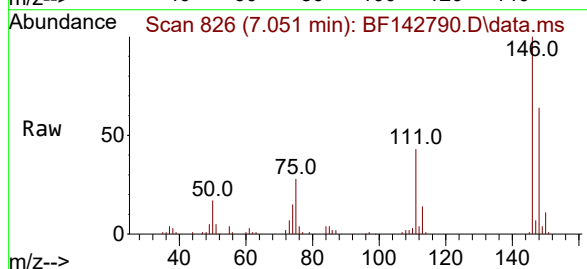
Tgt Ion:146 Resp: 54672

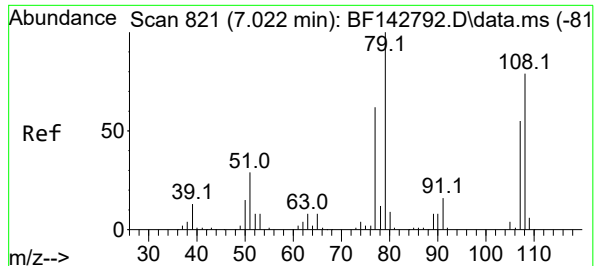
Ion Ratio Lower Upper

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

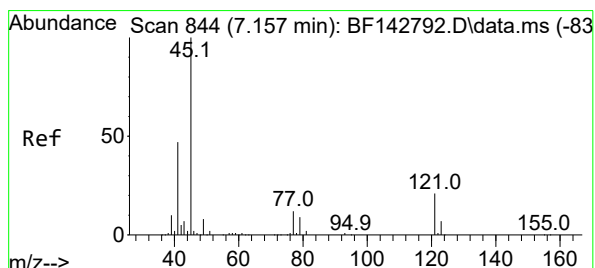
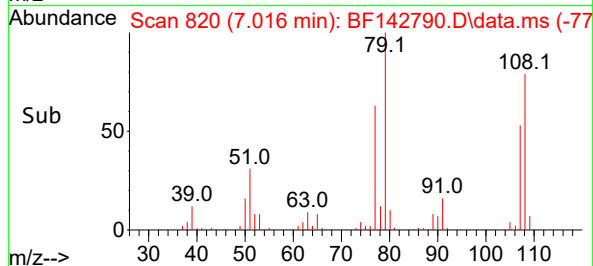
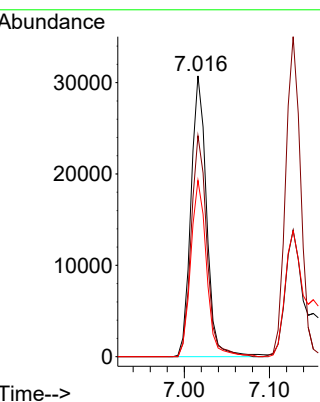
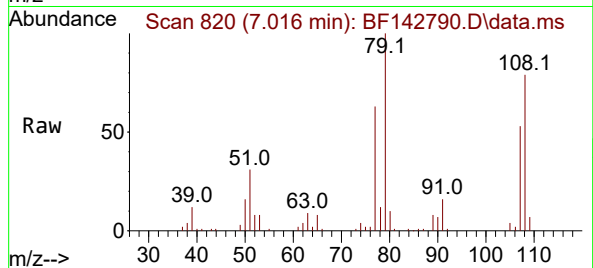
Tgt Ion: 79 Resp: 39348

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

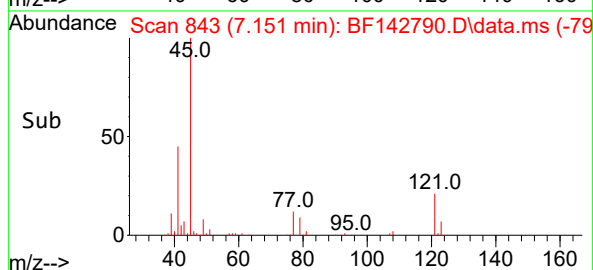
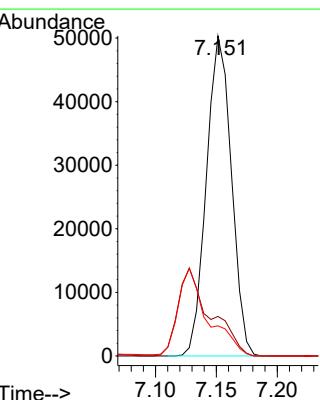
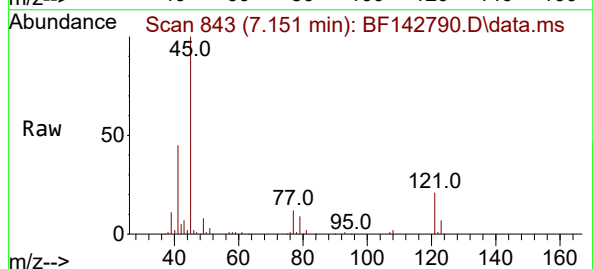
Tgt Ion: 45 Resp: 71897

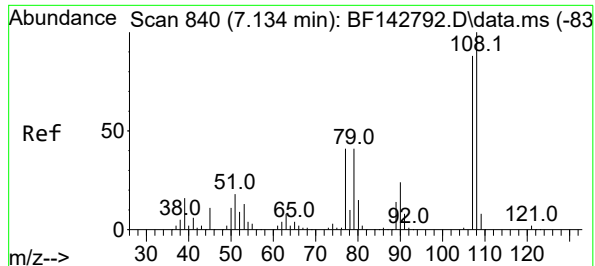
Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.8

79 9.4 0.0 29.8

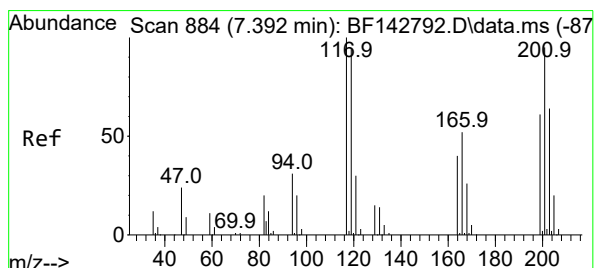
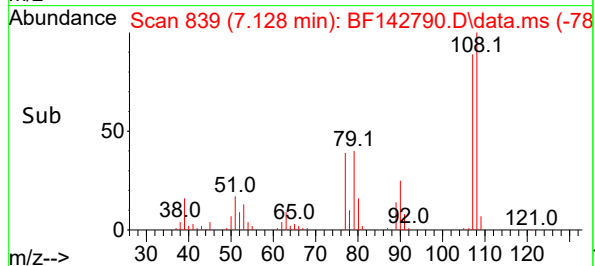
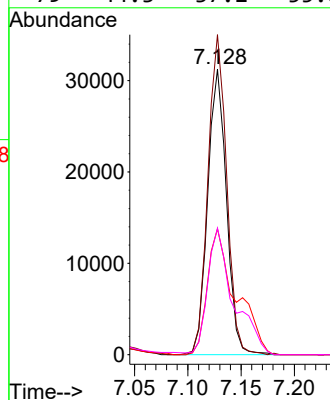
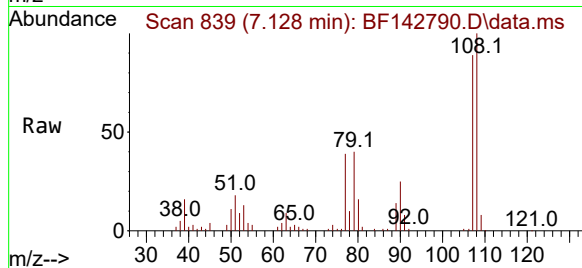




#17
2-Methylphenol
Concen: 10.217 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

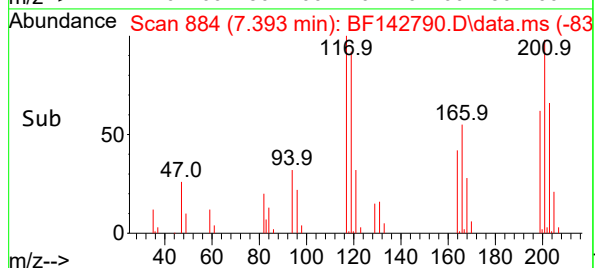
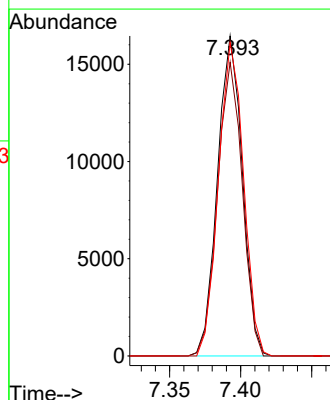
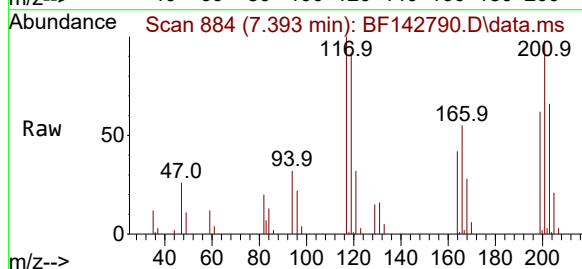
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

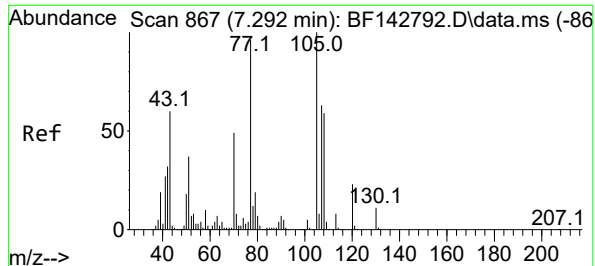
Tgt Ion:107 Resp: 38357
Ion Ratio Lower Upper
107 100
108 112.1 90.9 136.3
77 44.1 37.3 55.9
79 44.3 37.2 55.8



#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

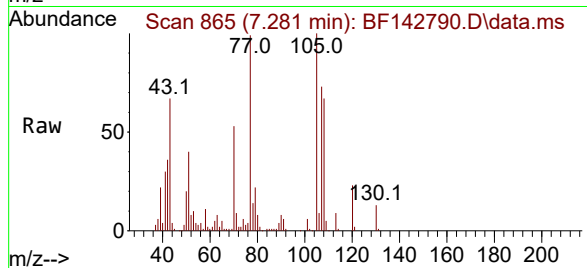
Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 32293

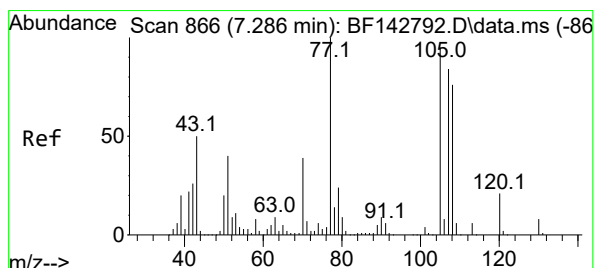
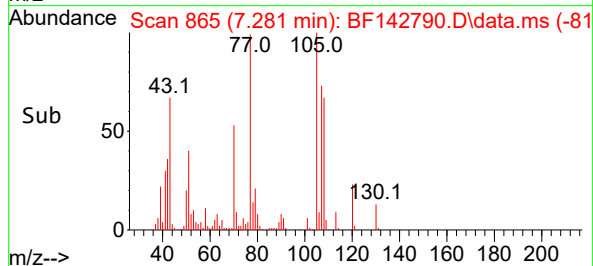
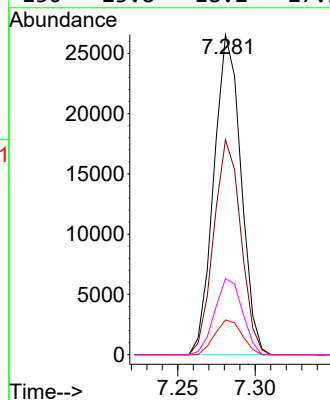
Ion Ratio Lower Upper

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

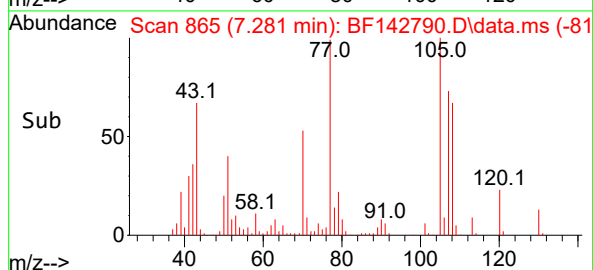
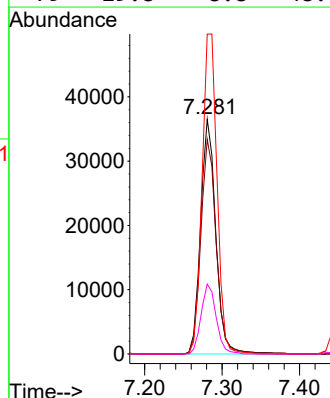
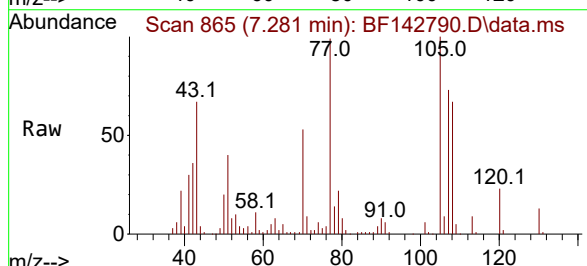
Ion Ratio Lower Upper

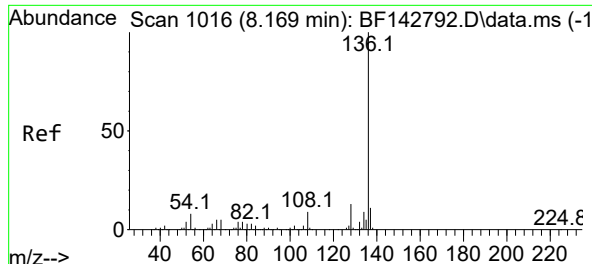
107 100

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 :

SSTDICC010

Tgt Ion:136 Resp: 299903

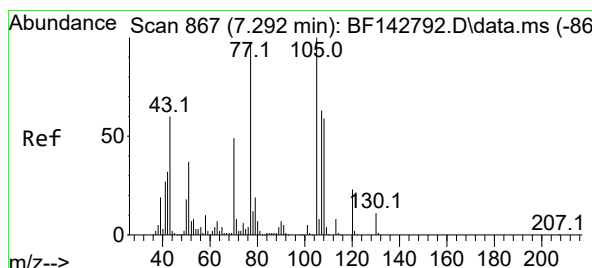
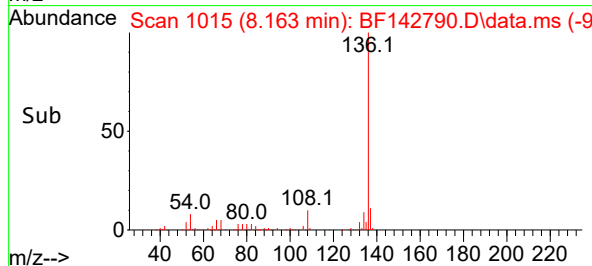
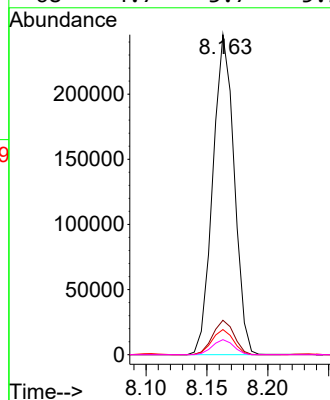
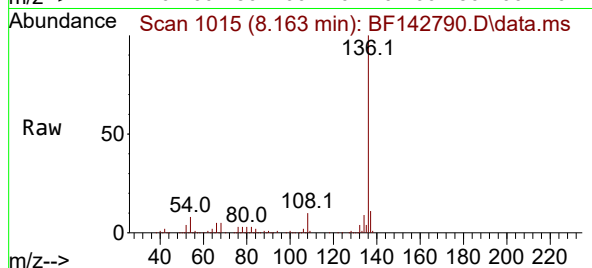
Ion Ratio Lower Upper

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

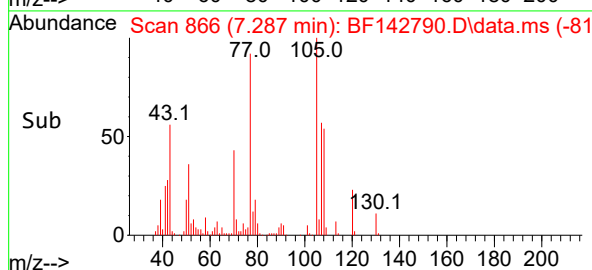
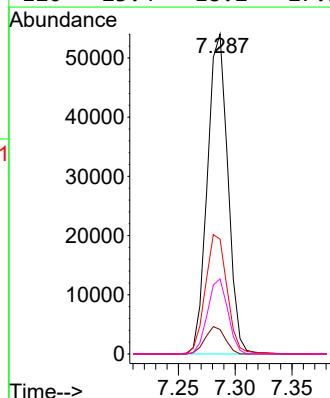
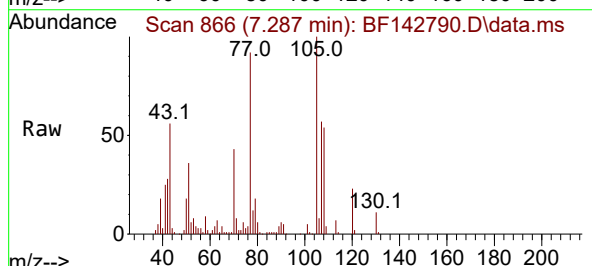
Ion Ratio Lower Upper

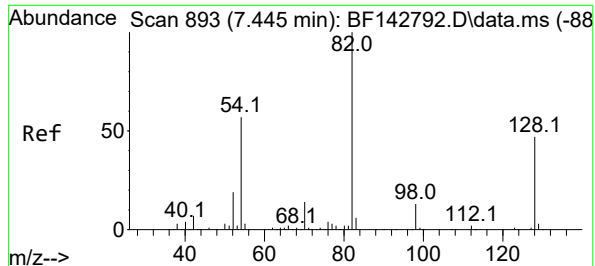
105 100

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

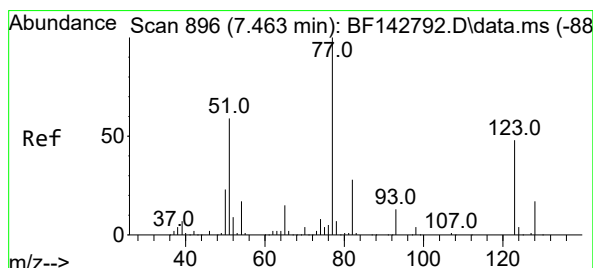
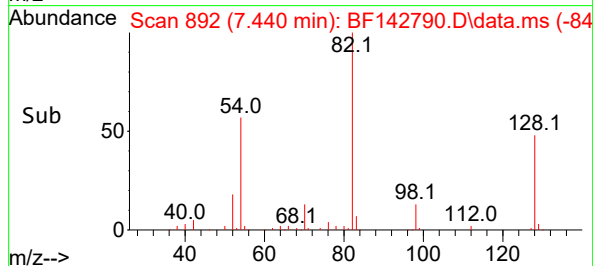
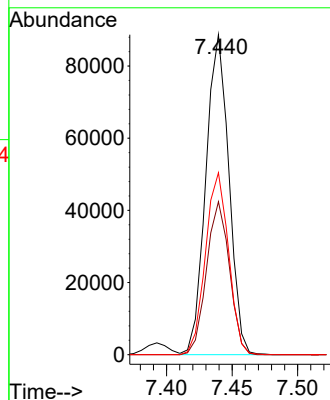
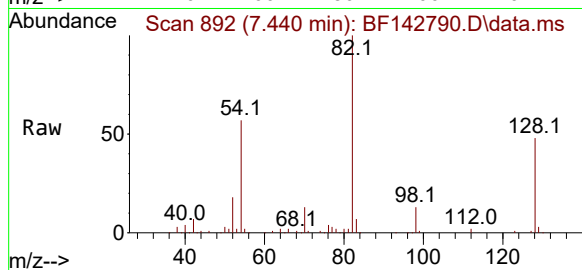
Tgt Ion: 82 Resp: 108508

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

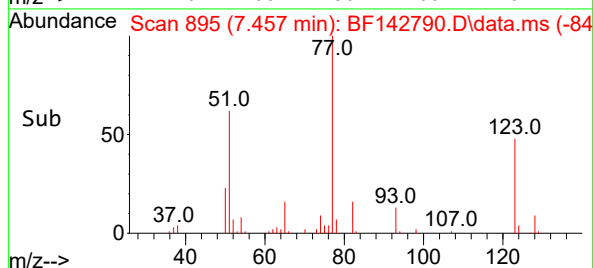
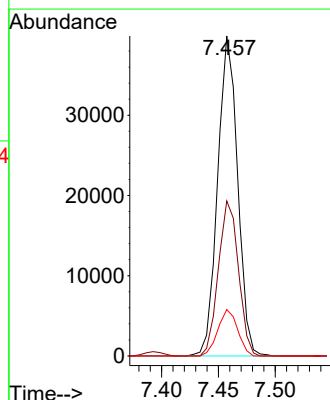
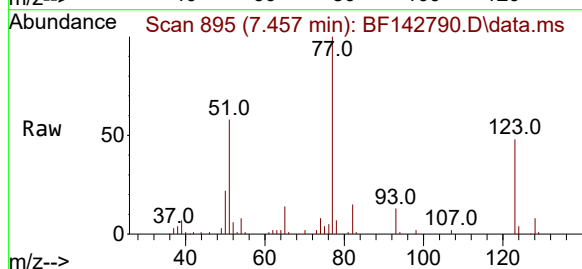
Tgt Ion: 77 Resp: 48789

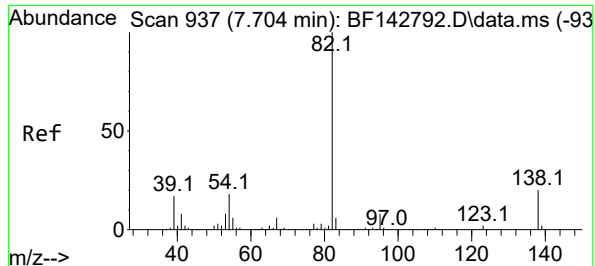
Ion Ratio Lower Upper

77 100

123 48.5 39.2 58.8

65 14.5 11.6 17.4

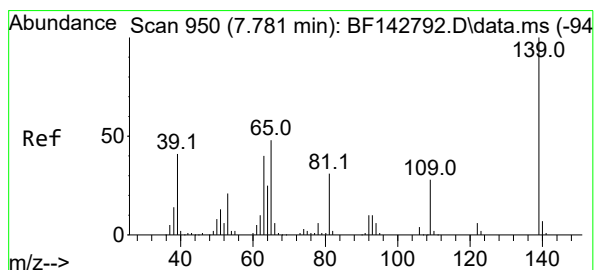
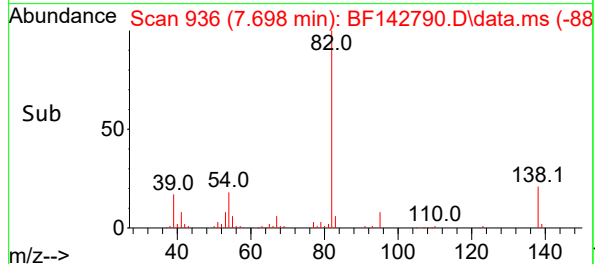
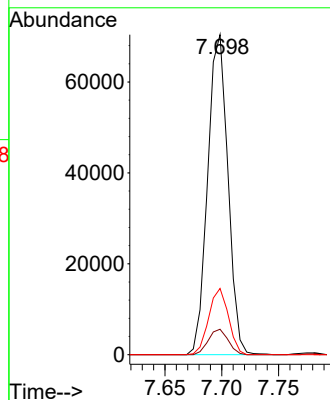
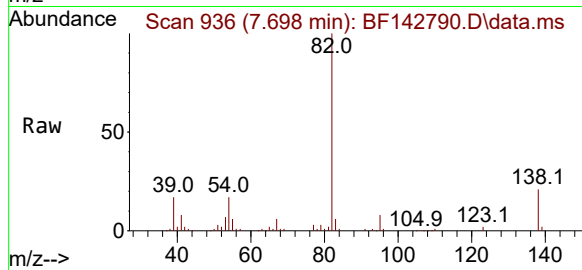




#25
Isophorone
Concen: 9.504 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

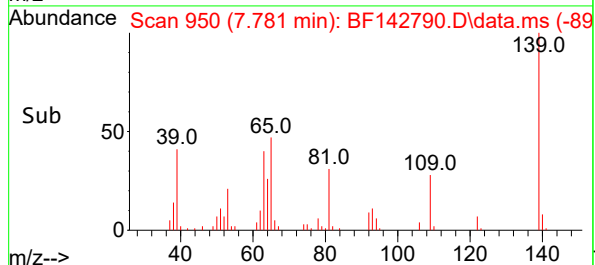
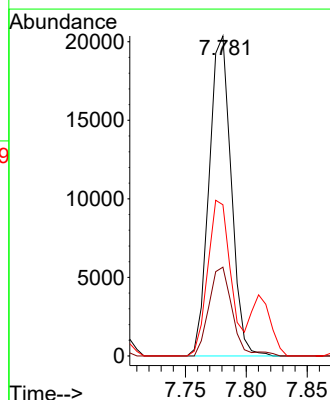
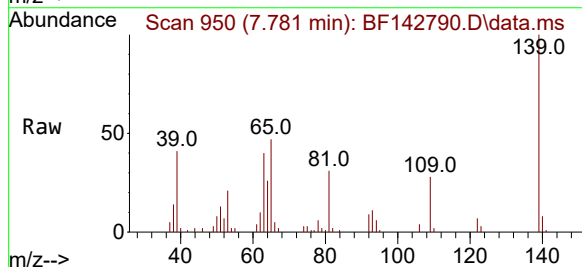
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

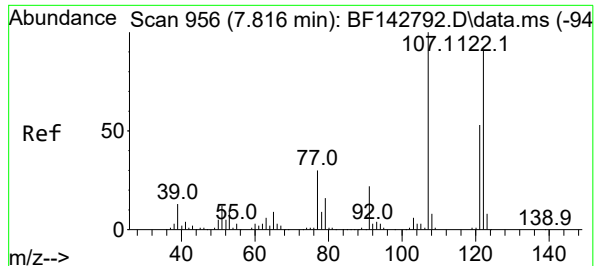
Tgt Ion: 82 Resp: 87205
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 20.7 16.2 24.4



#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

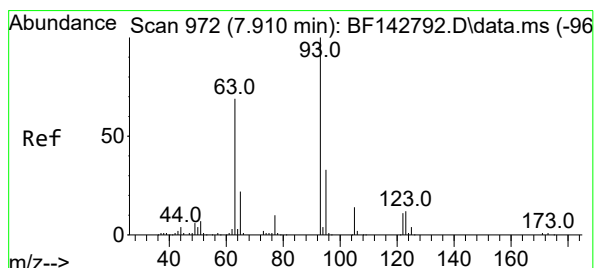
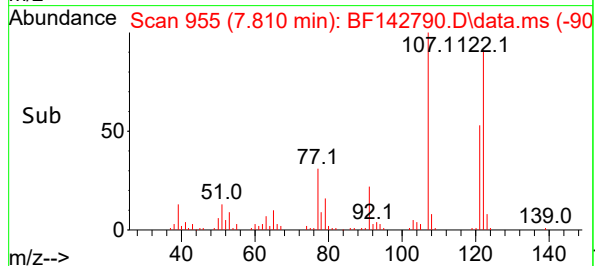
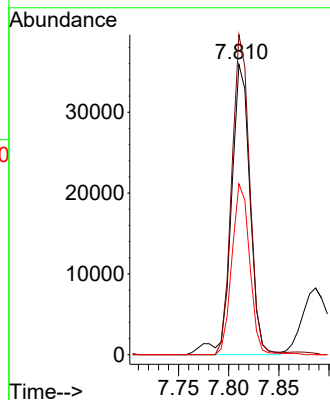
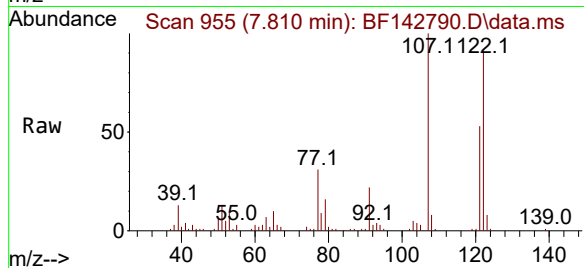
Tgt Ion:122 Resp: 46454

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

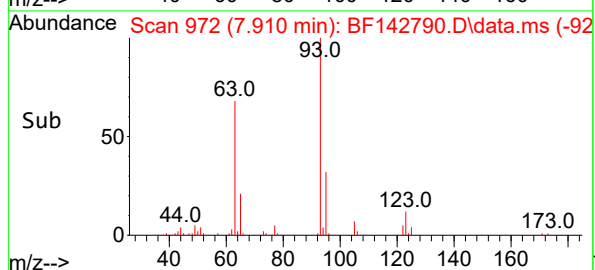
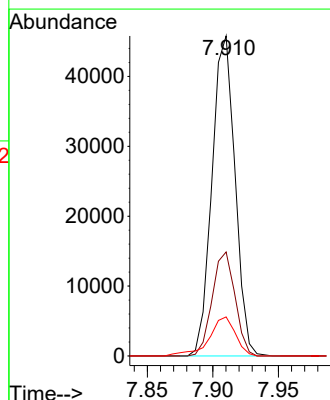
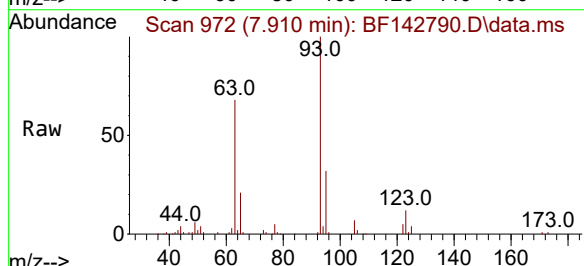
Tgt Ion: 93 Resp: 55907

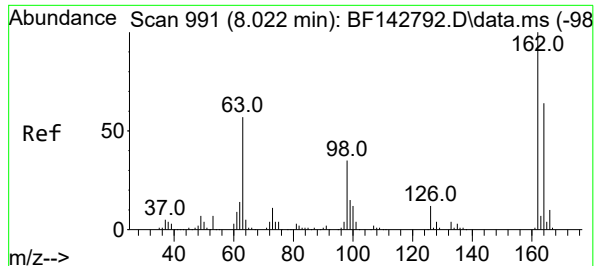
Ion Ratio Lower Upper

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 :

SSTDICC010

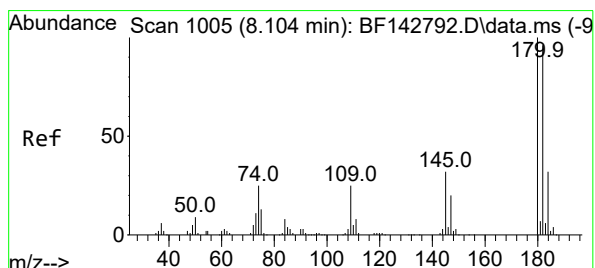
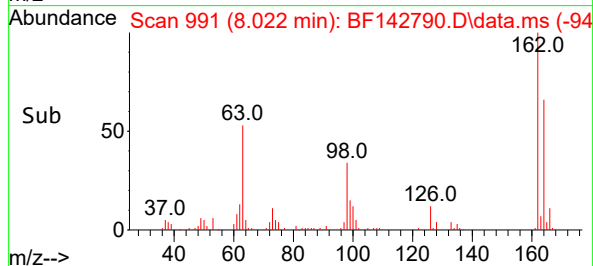
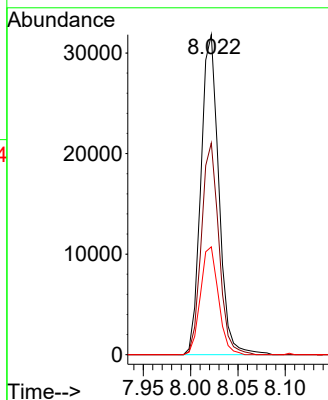
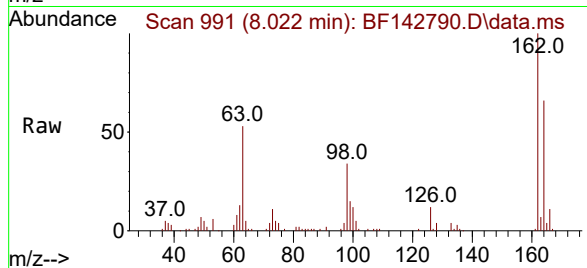
Tgt Ion:162 Resp: 41925

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

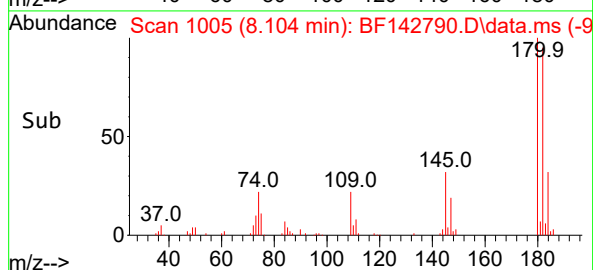
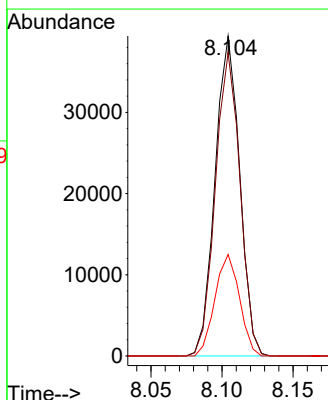
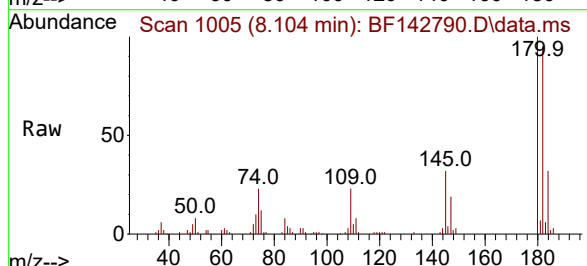
Tgt Ion:180 Resp: 47419

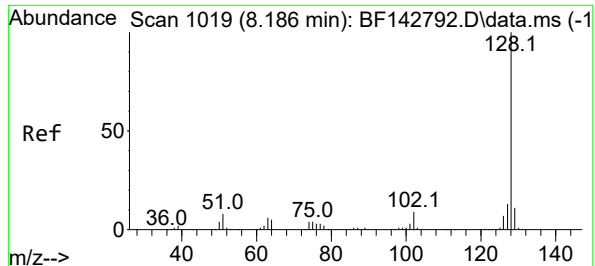
Ion Ratio Lower Upper

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# 1019

Delta R.T. 0.000 min

Lab File: BF142790.D

Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

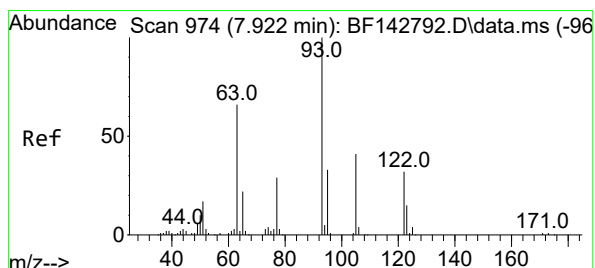
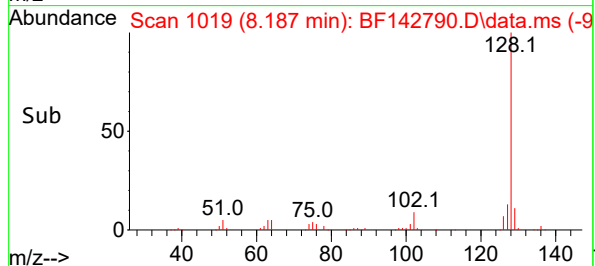
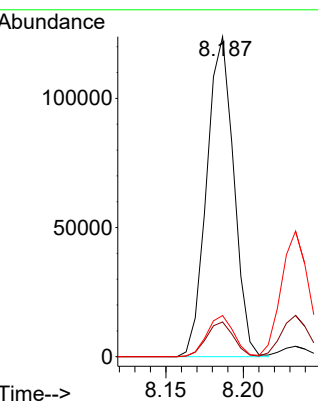
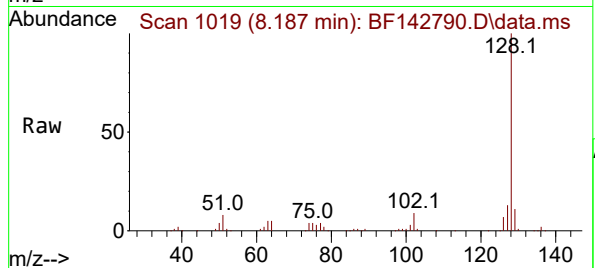
Tgt Ion:128 Resp: 150265

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

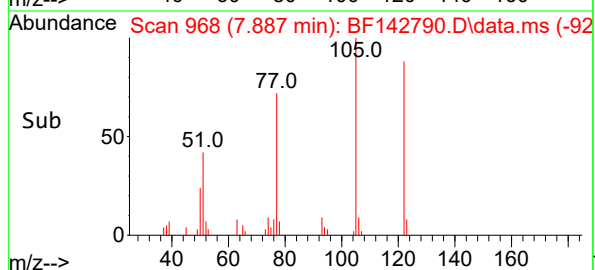
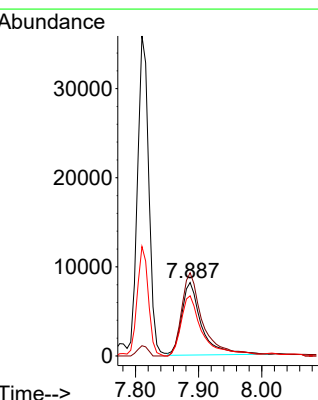
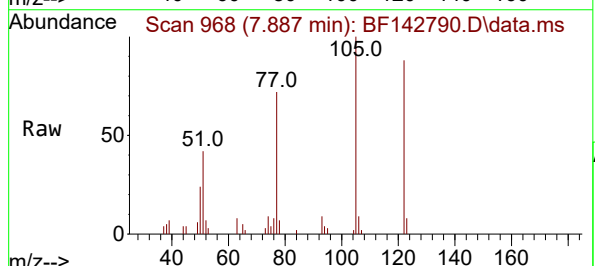
Tgt Ion:122 Resp: 17708

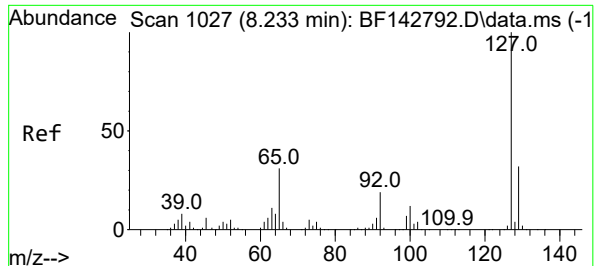
Ion Ratio Lower Upper

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

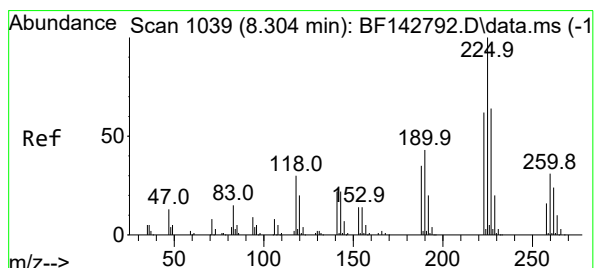
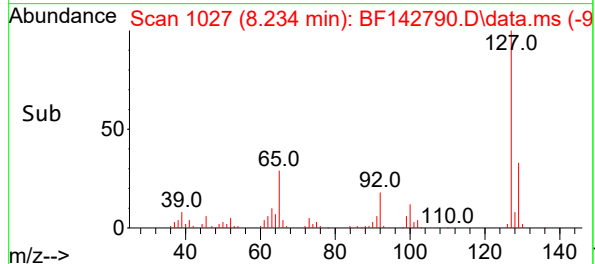
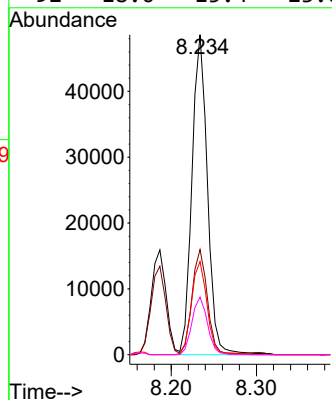
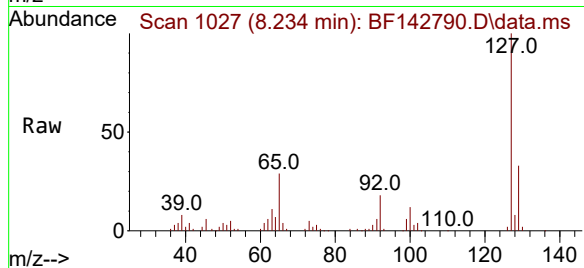
Ion Ratio Lower Upper

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

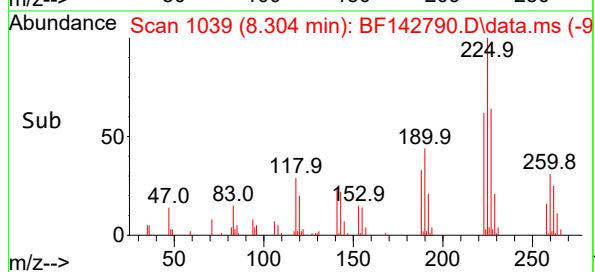
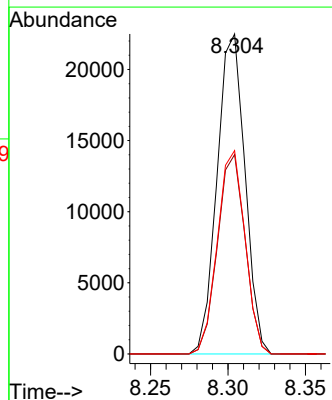
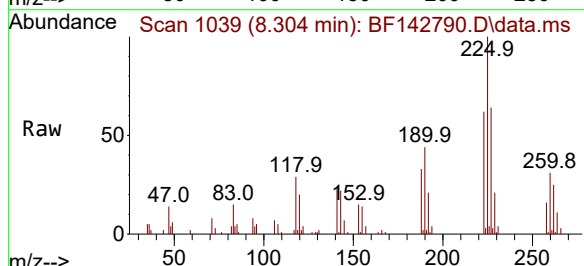
Tgt Ion:225 Resp: 28192

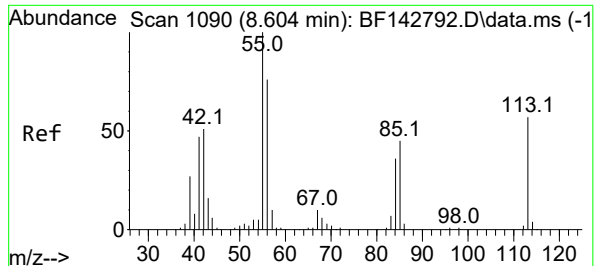
Ion Ratio Lower Upper

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

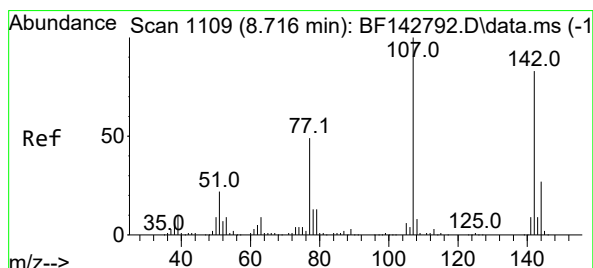
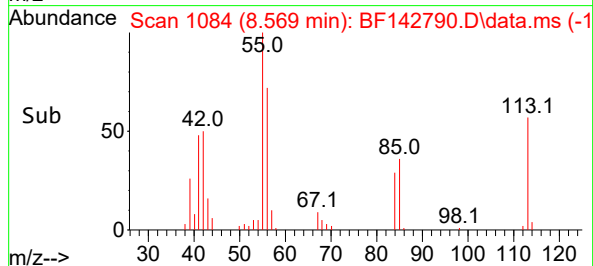
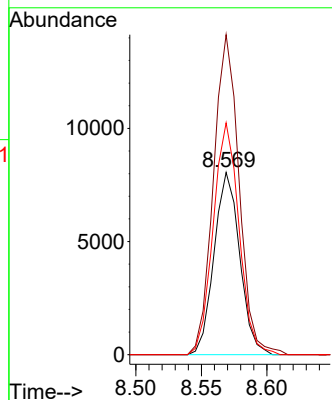
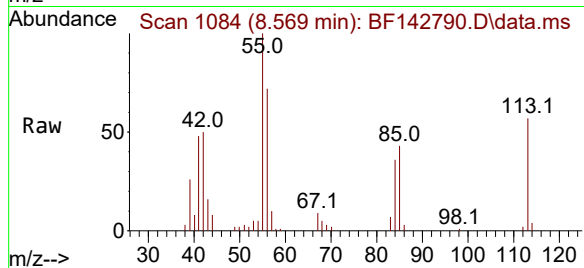
Tgt Ion:113 Resp: 10933

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

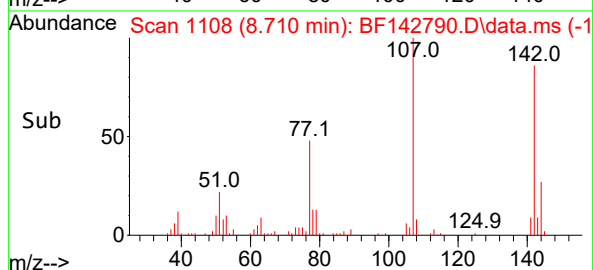
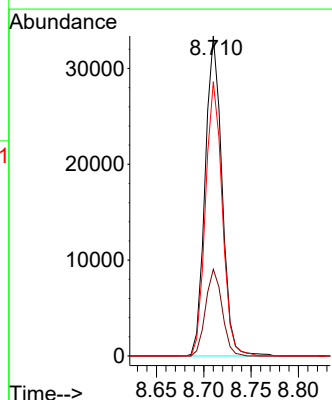
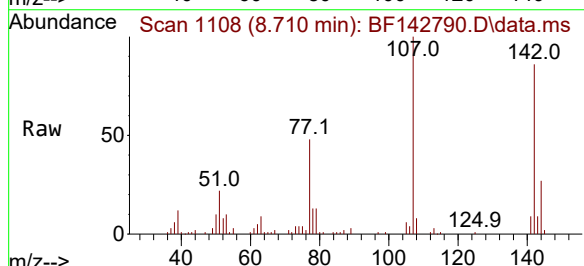
Tgt Ion:107 Resp: 41204

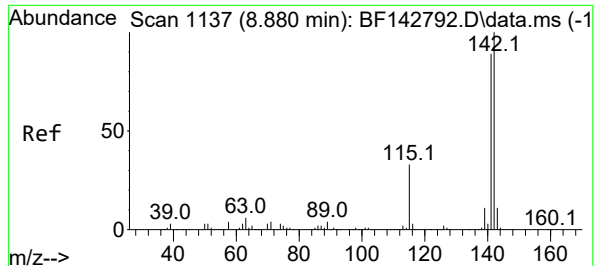
Ion Ratio Lower Upper

107 100

144 27.1 21.3 31.9

142 85.7 66.6 100.0

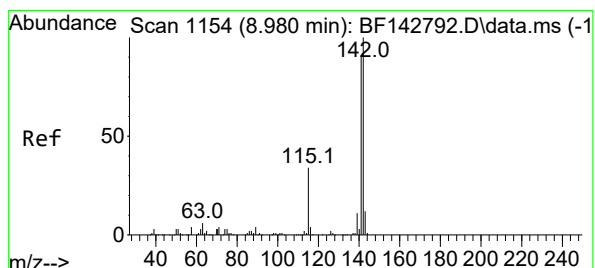
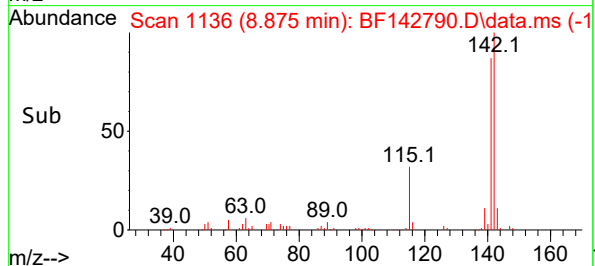
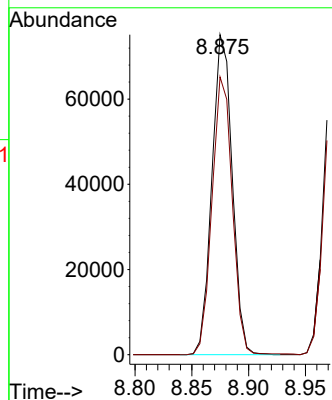
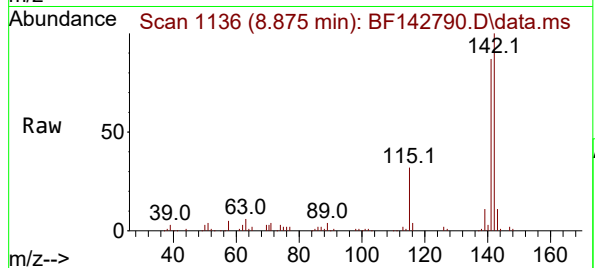




#37
2-Methylnaphthalene
Concen: 10.003 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

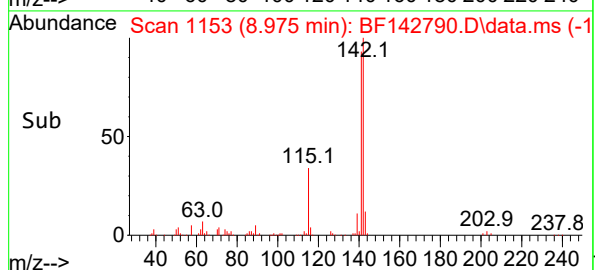
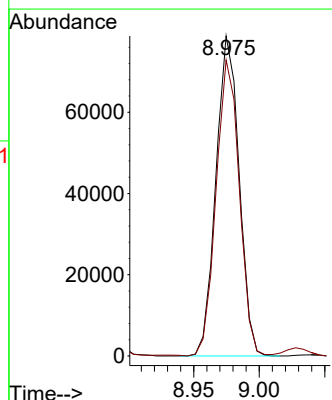
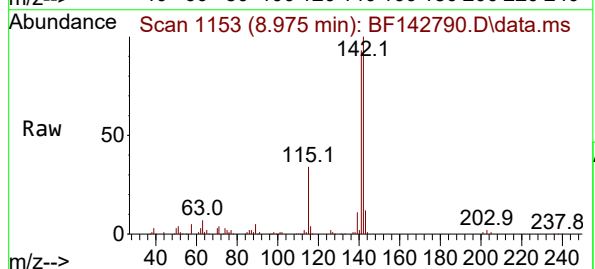
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

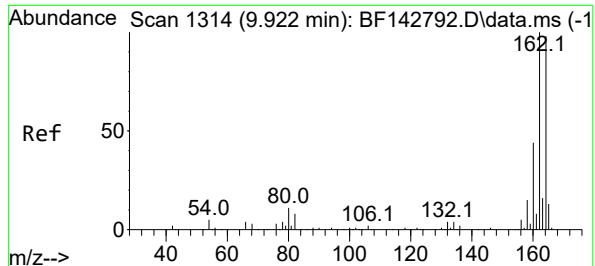
Tgt Ion:142 Resp: 93078
Ion Ratio Lower Upper
142 100
141 86.8 70.9 106.3



#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

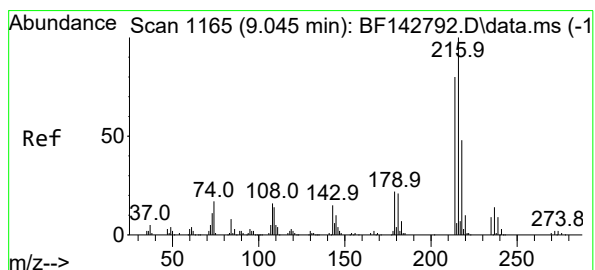
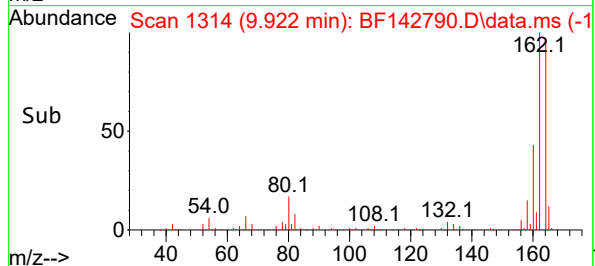
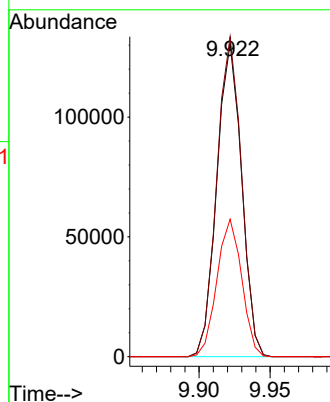
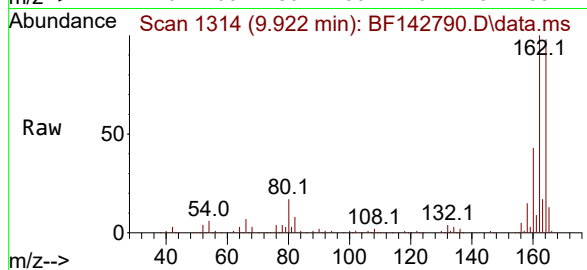
Tgt Ion:164 Resp: 158336

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

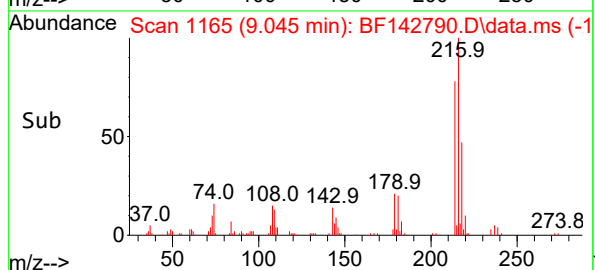
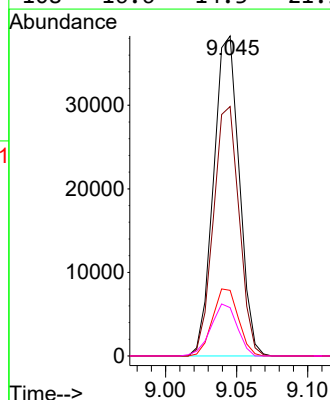
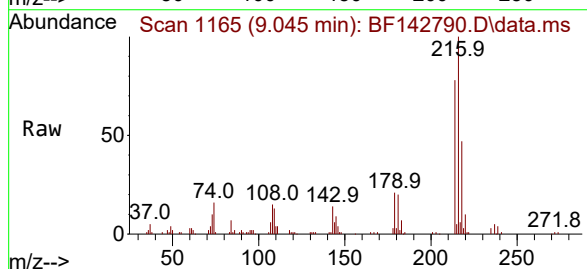
Ion Ratio Lower Upper

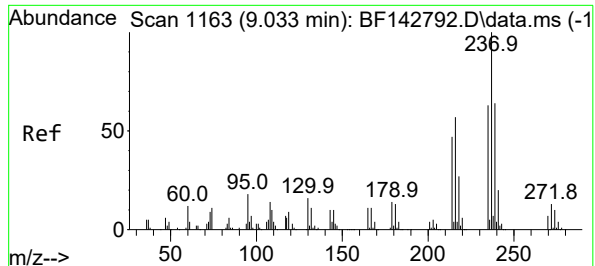
216 100

214 77.9 63.7 95.5

179 21.0 17.6 26.4

108 16.6 14.3 21.5

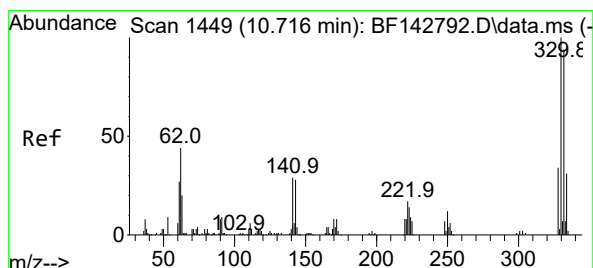
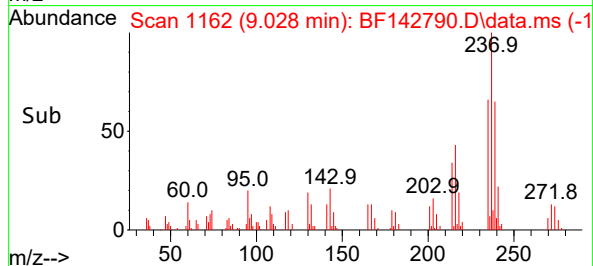
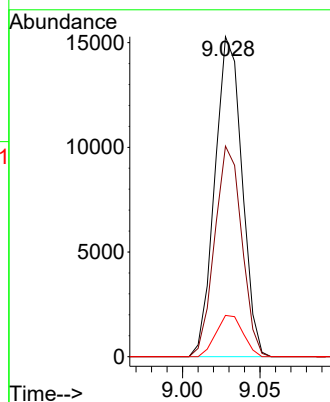
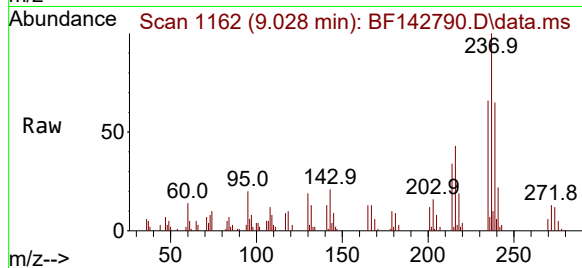




#41
Hexachlorocyclopentadiene
Concen: 6.436 ng
RT: 9.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

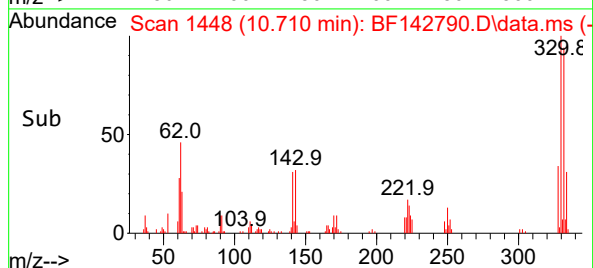
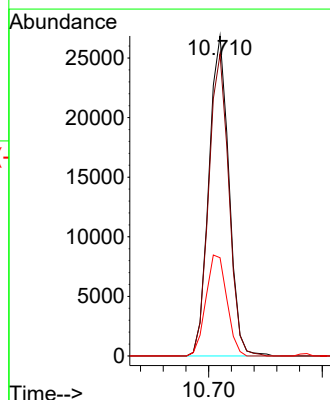
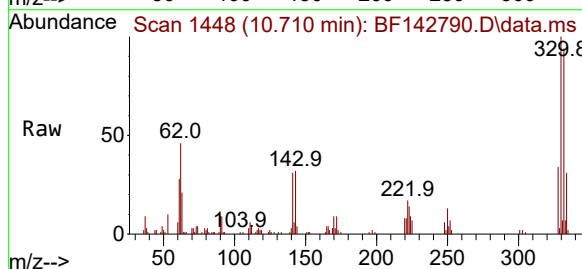
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

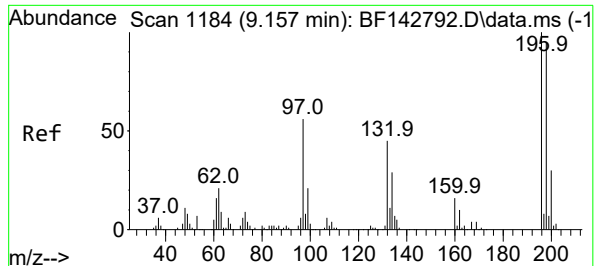
Tgt Ion:237 Resp: 18602
Ion Ratio Lower Upper
237 100
235 65.8 43.4 83.4
272 12.9 0.0 32.7



#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

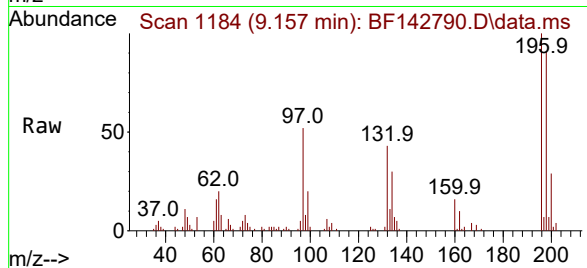
Acq: 19 Jun 2025 18:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



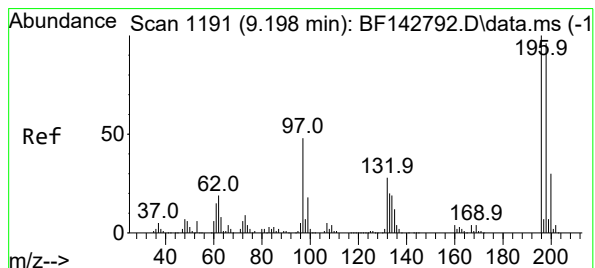
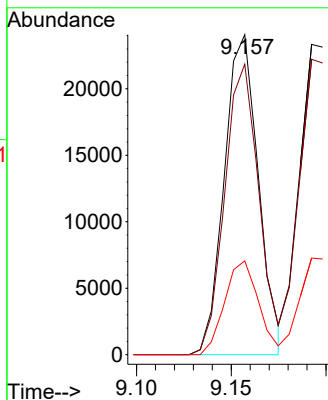
Tgt Ion:196 Resp: 30118

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

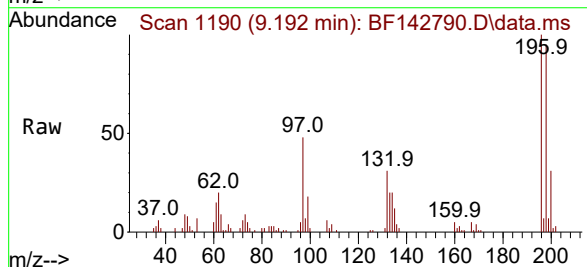
Concen: 9.987 ng

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

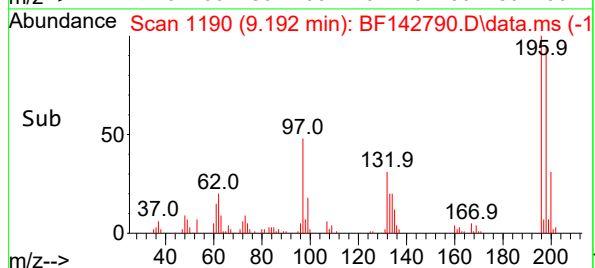
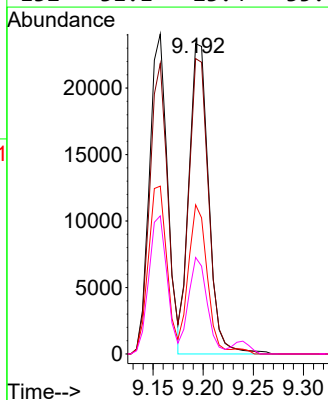
Ion Ratio Lower Upper

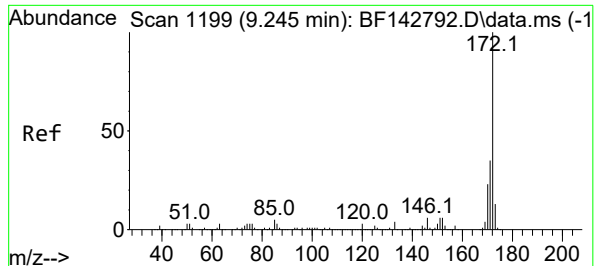
196 100

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

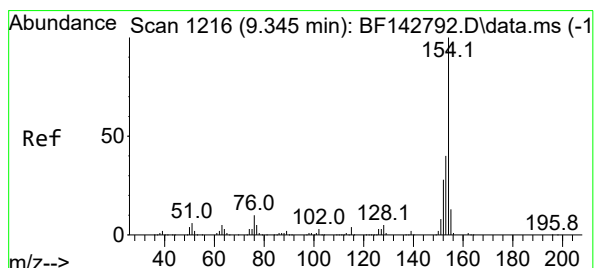
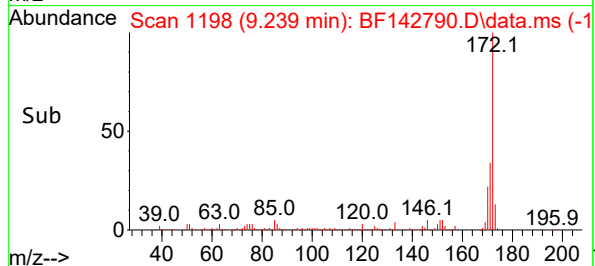
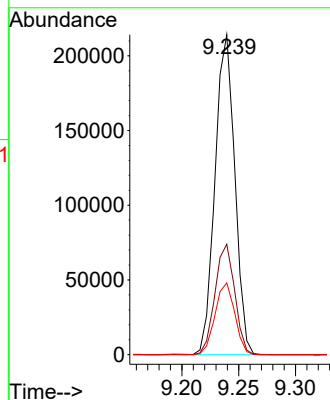
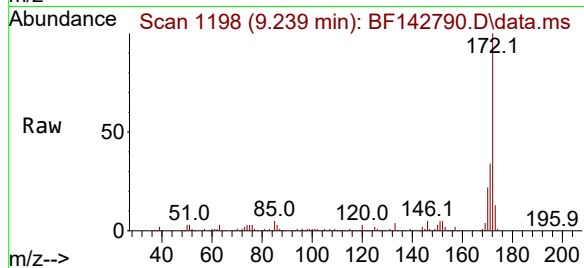
Tgt Ion:172 Resp: 259052

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

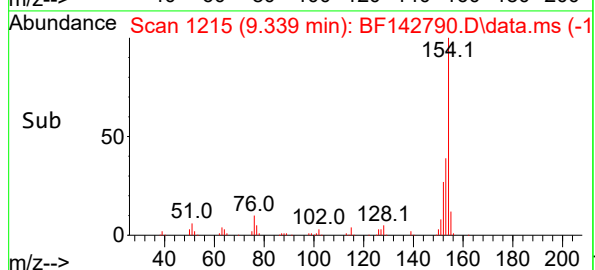
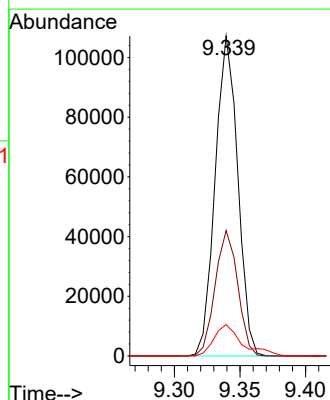
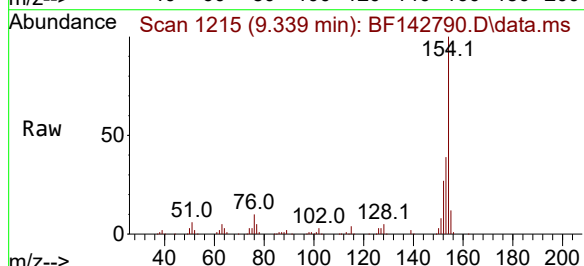
Tgt Ion:154 Resp: 127911

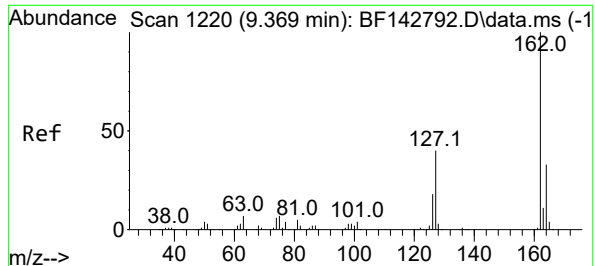
Ion Ratio Lower Upper

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

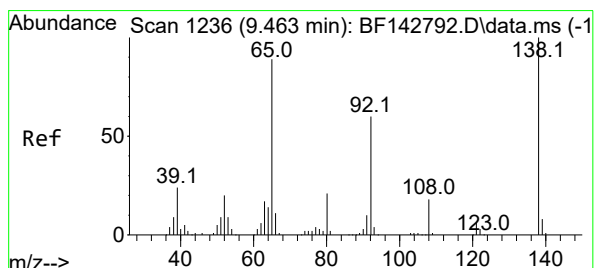
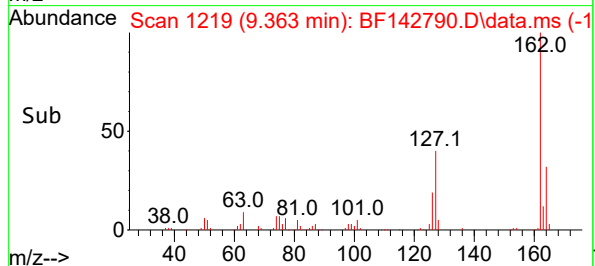
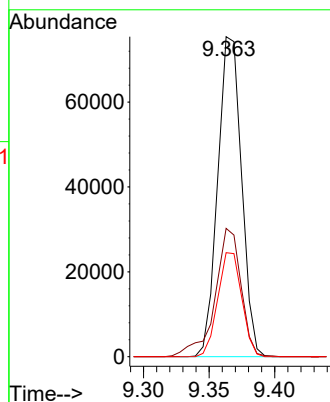
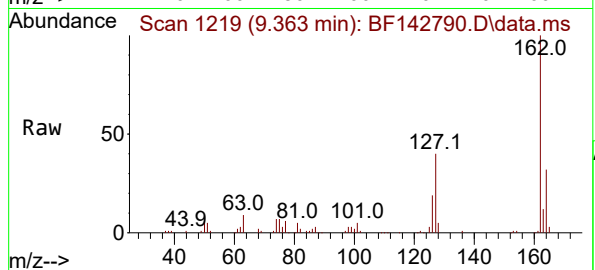
Tgt Ion:162 Resp: 95194

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

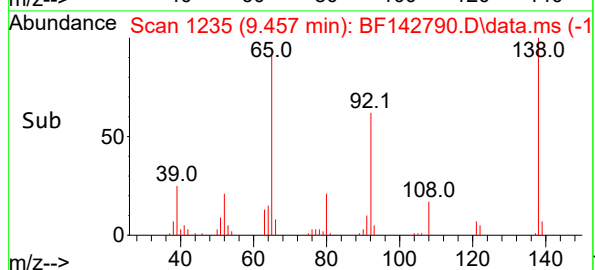
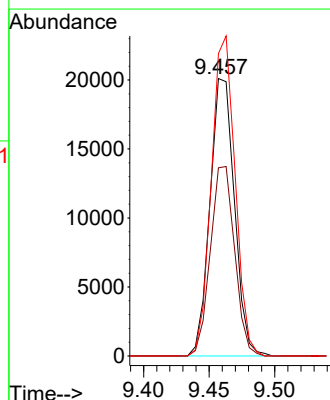
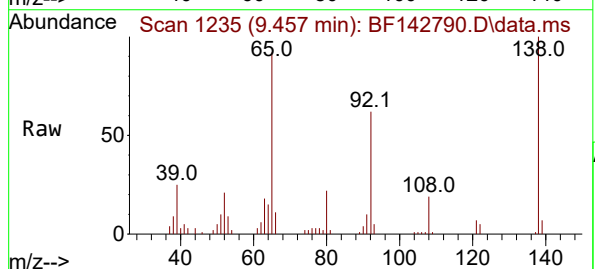
Tgt Ion: 65 Resp: 26075

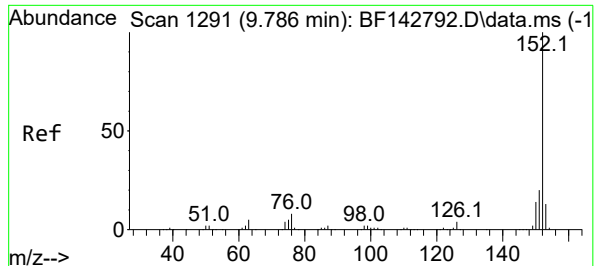
Ion Ratio Lower Upper

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

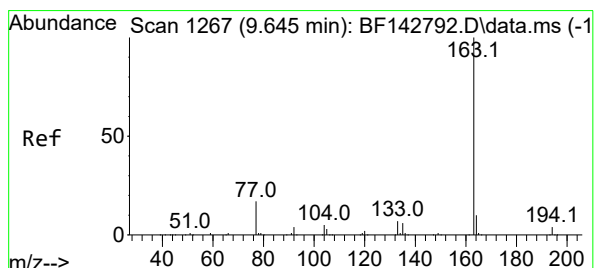
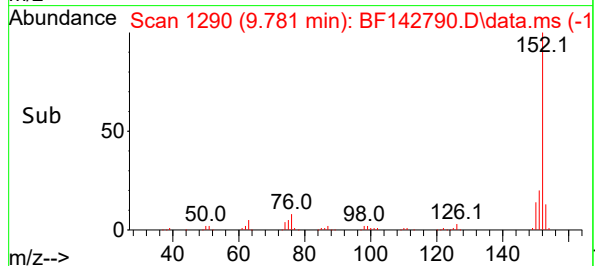
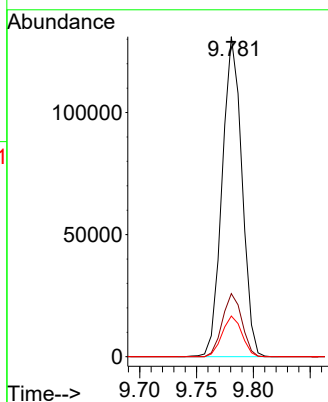
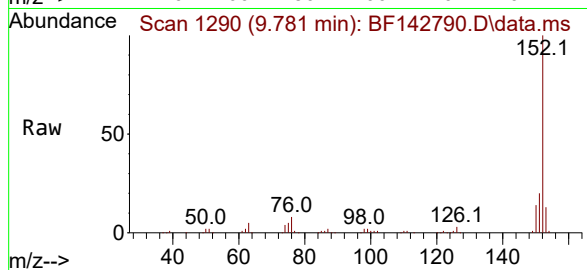
Tgt Ion:152 Resp: 158842

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

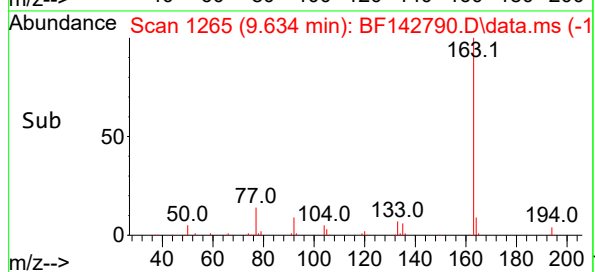
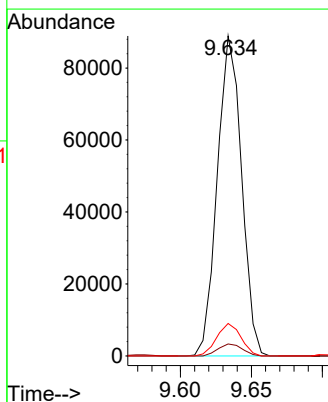
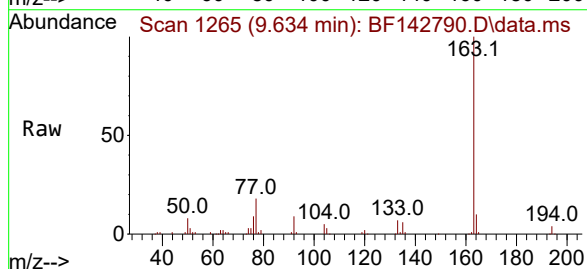
Tgt Ion:163 Resp: 105636

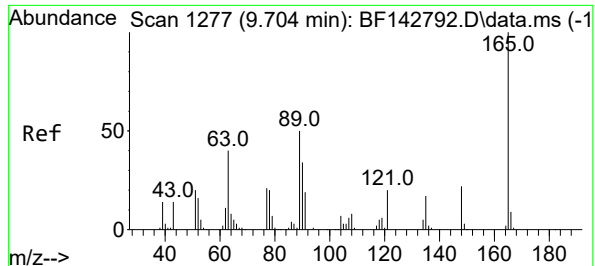
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.1 8.0 12.0

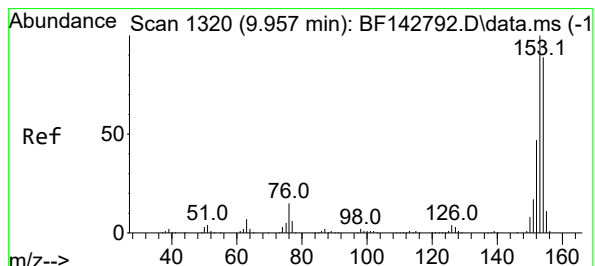
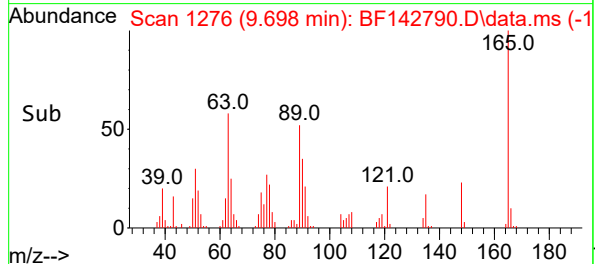
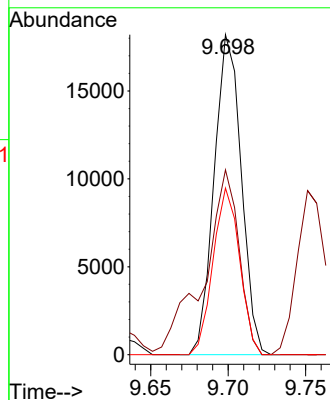
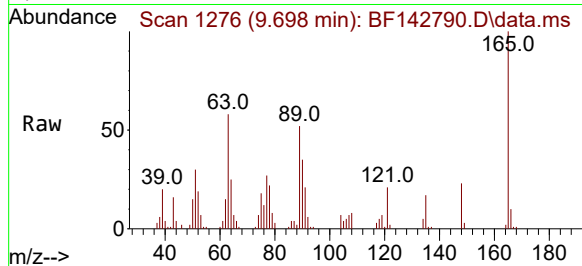




#51
2,6-Dinitrotoluene
Concen: 9.714 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

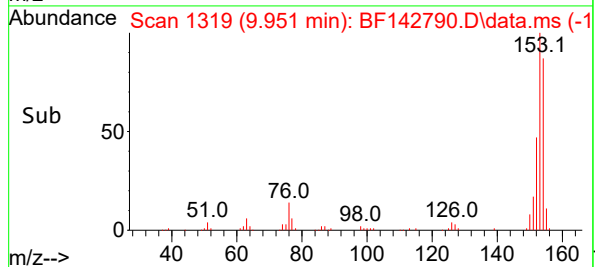
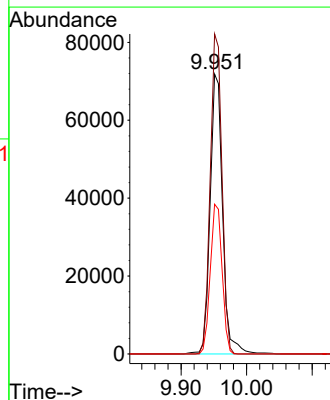
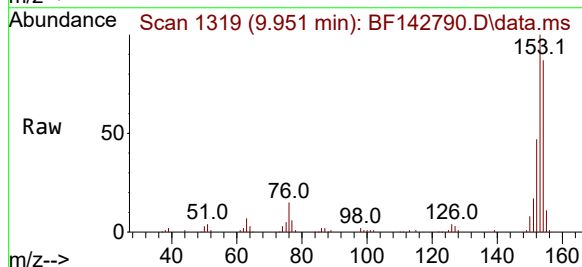
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

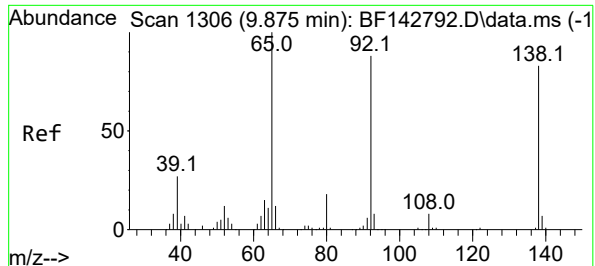
Tgt Ion:	165	Resp:	22116
Ion Ratio	Lower	Upper	
165	100		
63	57.7	44.2	66.4
89	52.1	39.8	59.8



#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

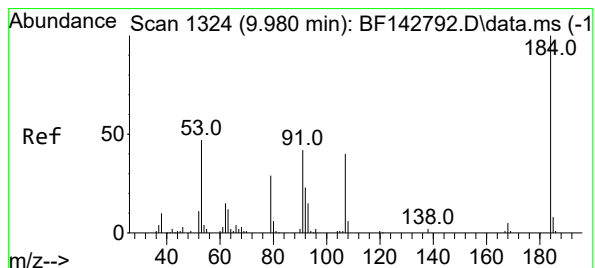
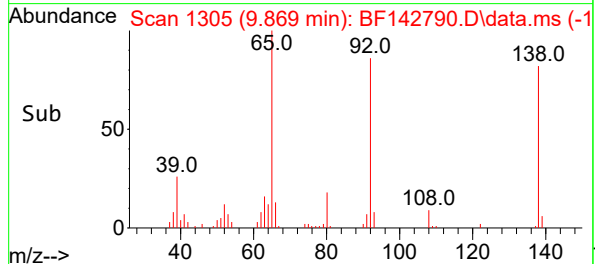
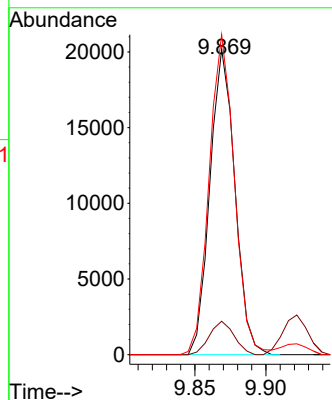
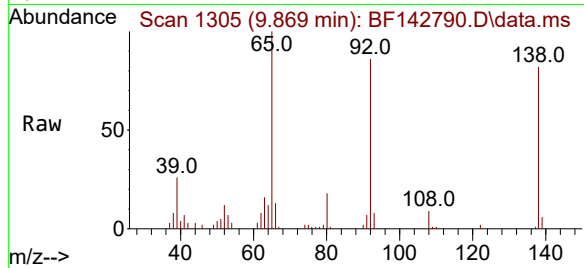




#53
3-Nitroaniline
Concen: 9.968 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

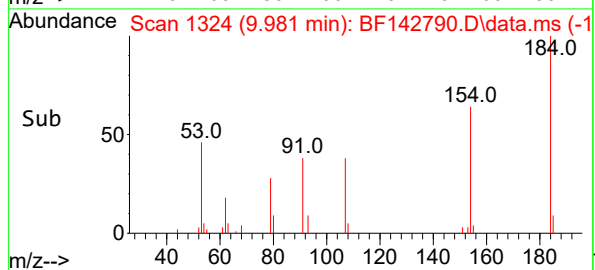
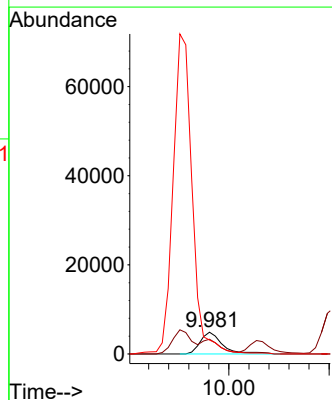
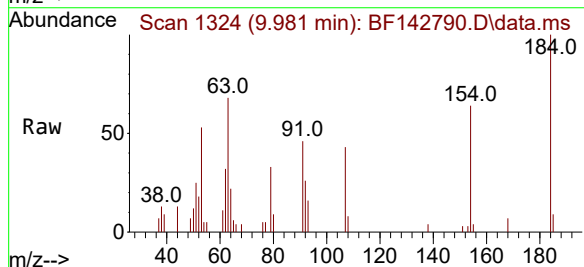
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

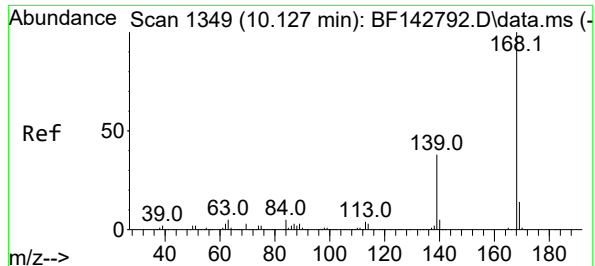
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.1	12.1
92	104.8	85.1	127.7



#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

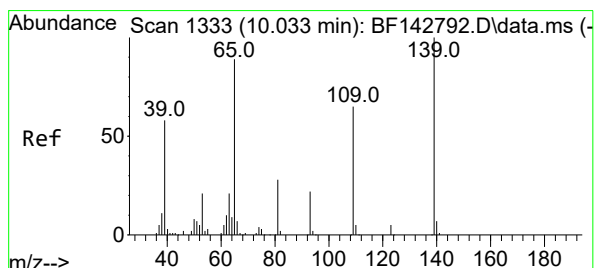
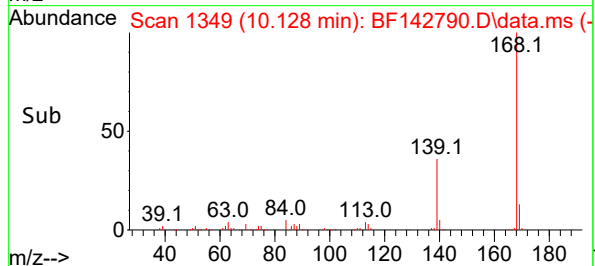
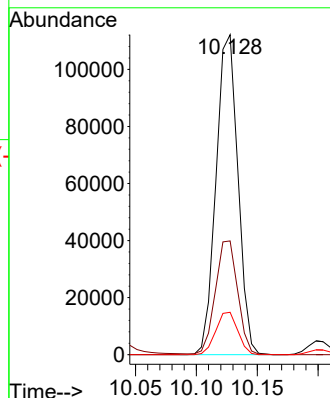
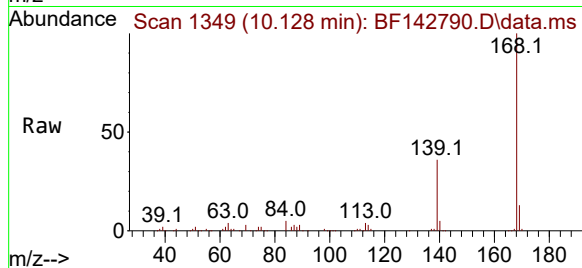
Tgt Ion:168 Resp: 140256

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

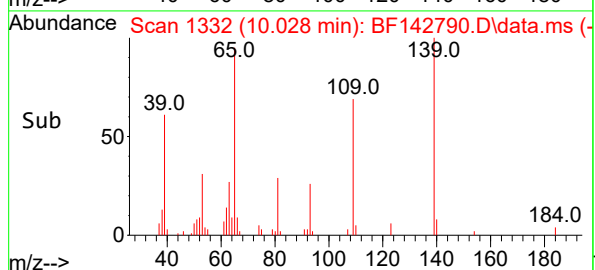
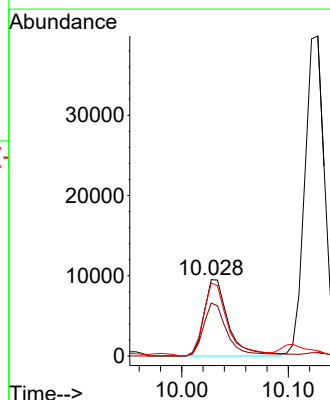
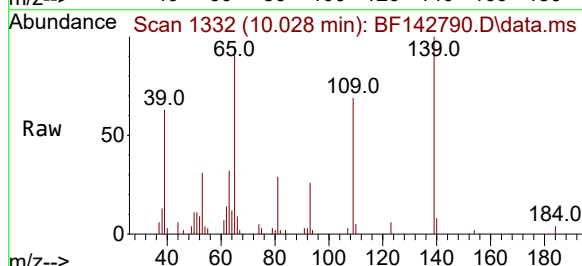
Tgt Ion:139 Resp: 14986

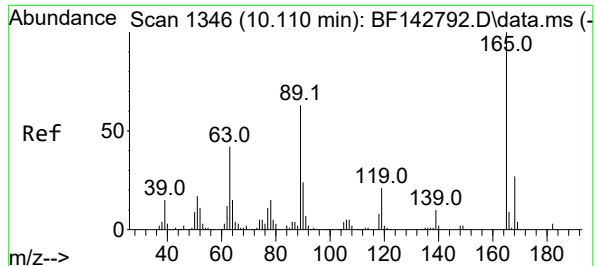
Ion Ratio Lower Upper

139 100

109 69.3 44.7 84.7

65 95.5 69.8 109.8

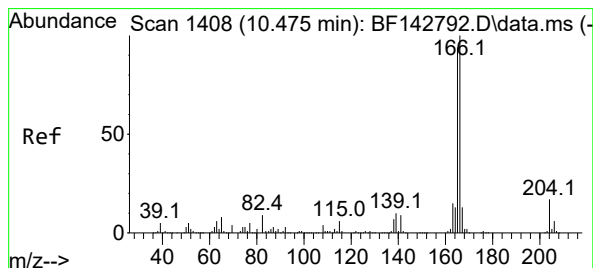
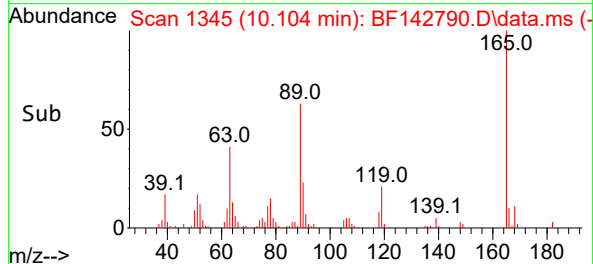
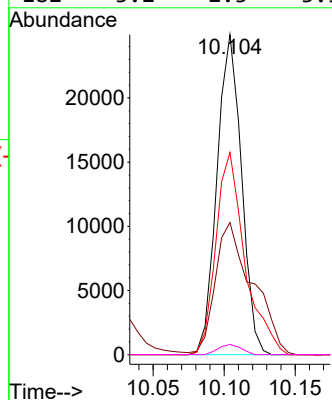
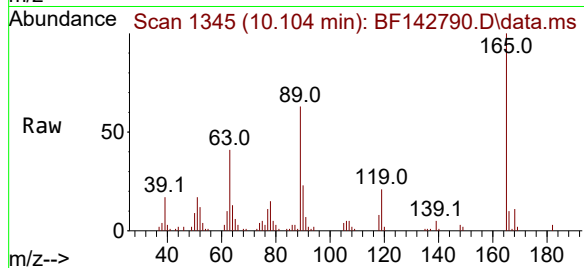




#57
2,4-Dinitrotoluene
Concen: 9.943 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

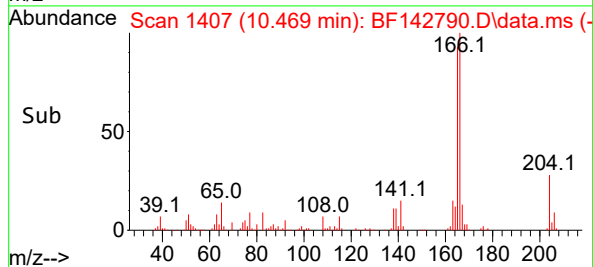
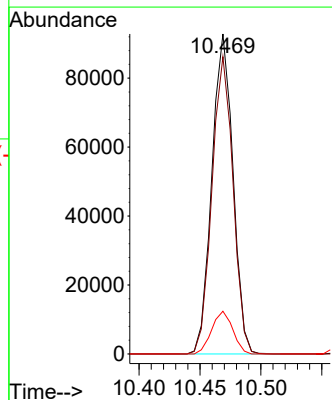
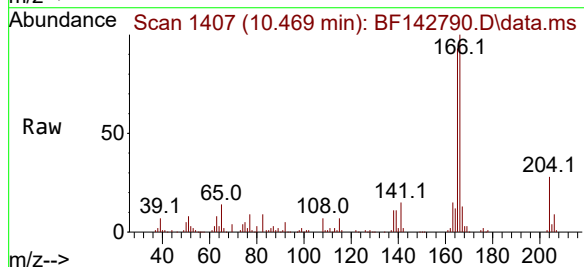
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

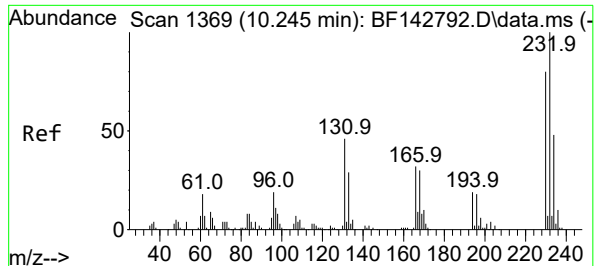
Tgt Ion:165 Resp: 29934
Ion Ratio Lower Upper
165 100
63 41.3 33.9 50.9
89 63.2 50.6 75.8
182 3.2 2.3 3.5



#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

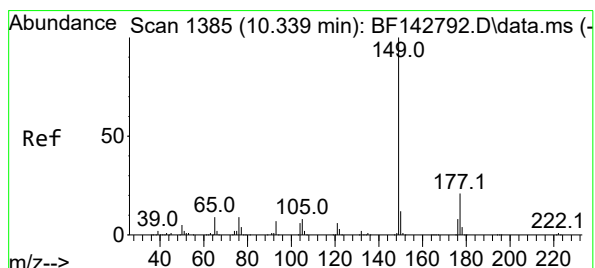
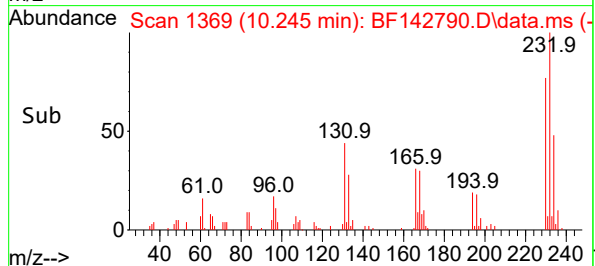
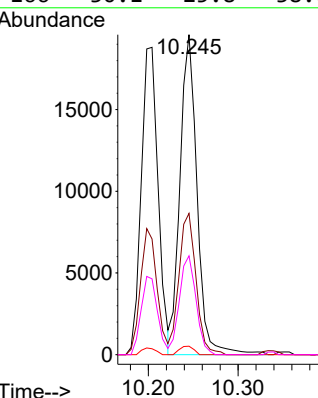
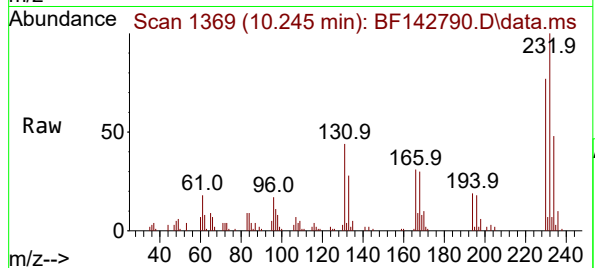




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.666 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

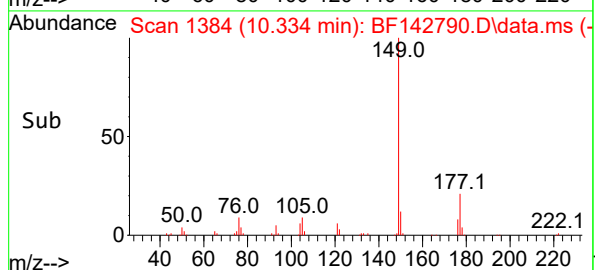
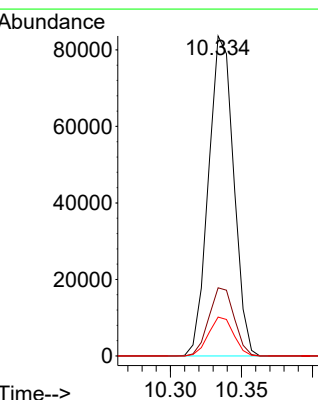
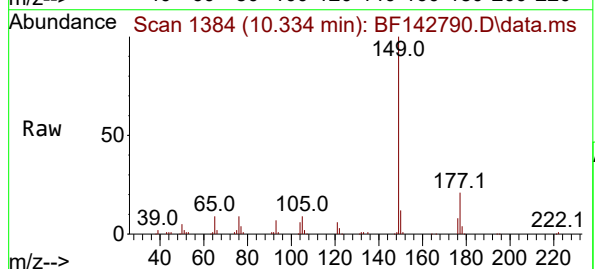
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

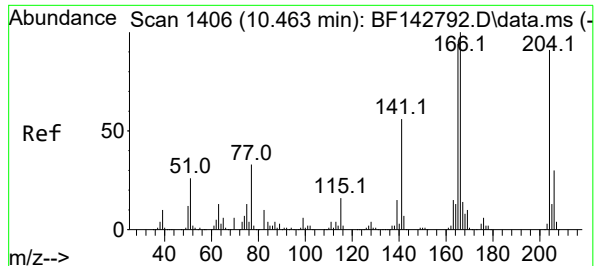
Tgt Ion:232 Resp: 25885
Ion Ratio Lower Upper
232 100
131 44.2 37.6 56.4
130 2.2 1.7 2.5
166 30.1 25.8 38.6



#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

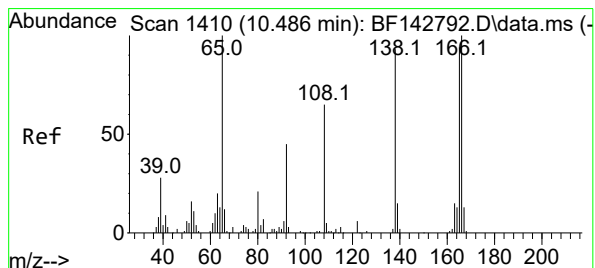
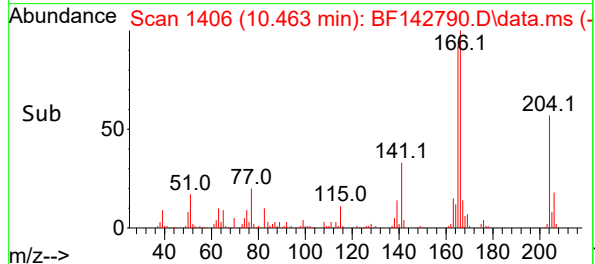
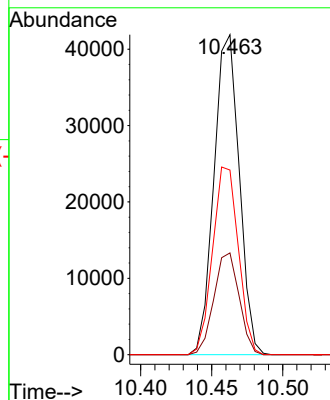
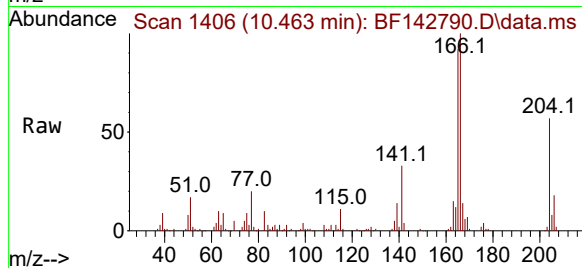




#61
4-Chlorophenyl-phenylether
Concen: 10.067 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

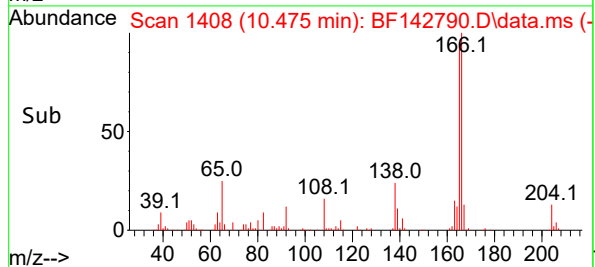
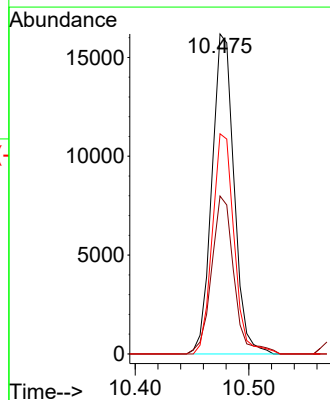
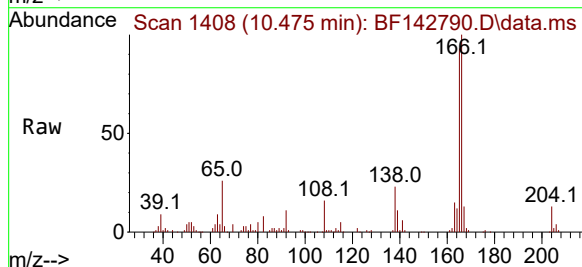
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

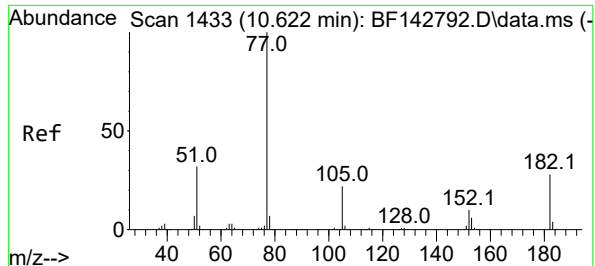
Tgt Ion:	204	Resp:	51958
Ion Ratio	Lower	Upper	
204	100		
206	31.8	26.3	39.5
141	57.7	49.1	73.7



#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

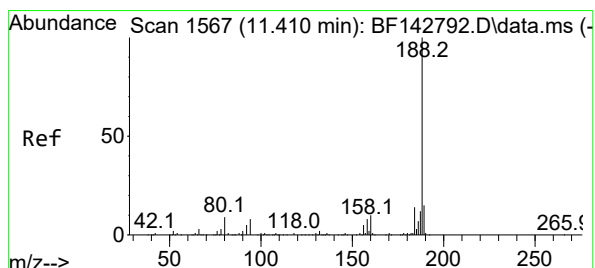
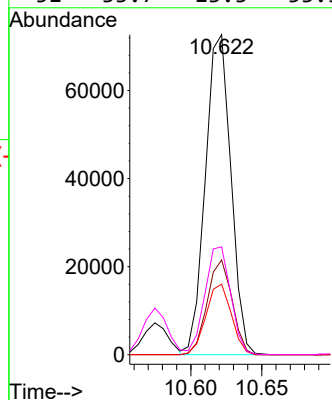
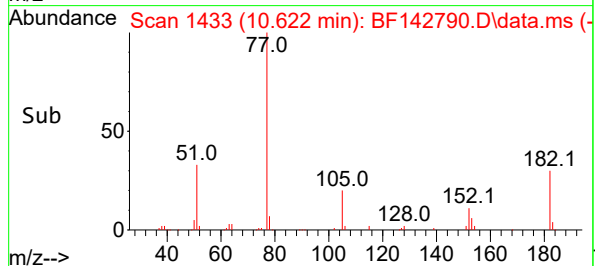
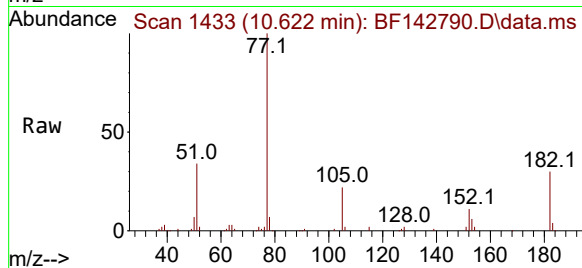




#63
Azobenzene
Concen: 9.977 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

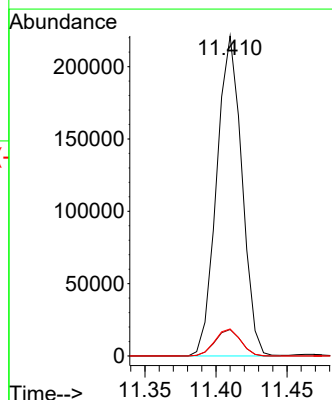
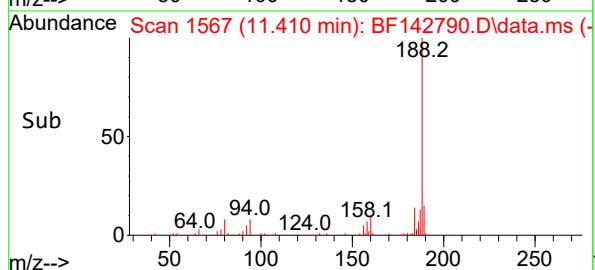
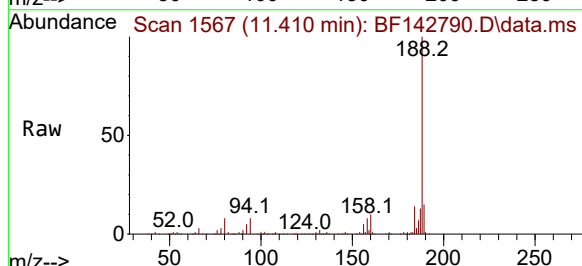
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

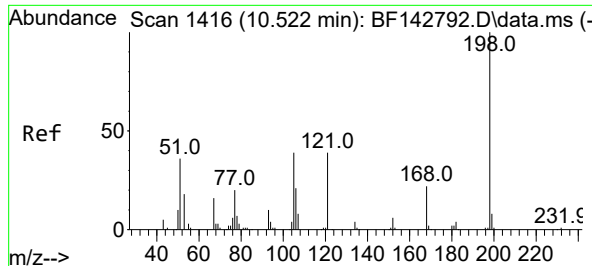
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.6	7.7	47.7
105	22.0	1.9	41.9
51	33.7	13.3	53.3



#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	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.5	6.9	10.3

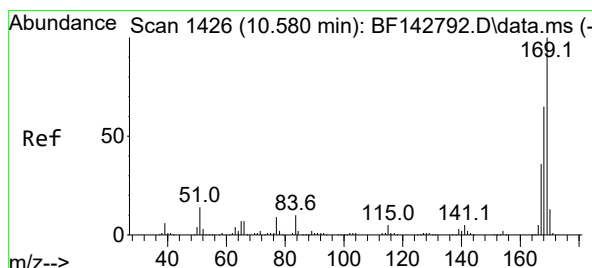
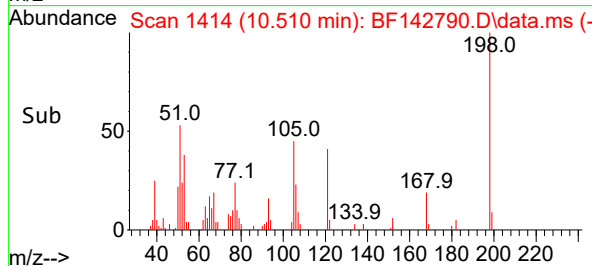
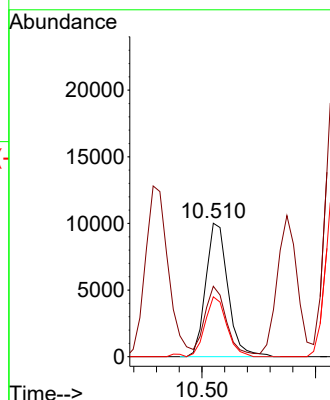
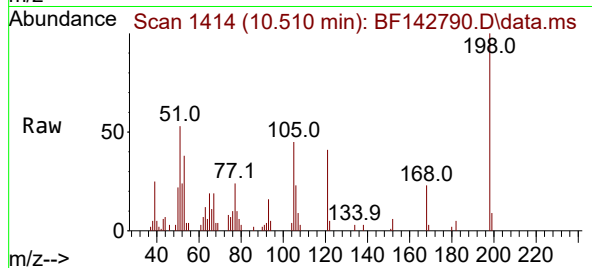




#65
4,6-Dinitro-2-methylphenol
Concen: 7.982 ng
RT: 10.510 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

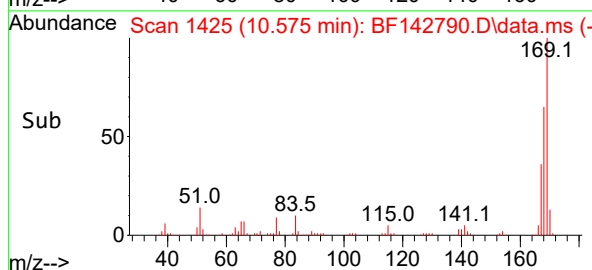
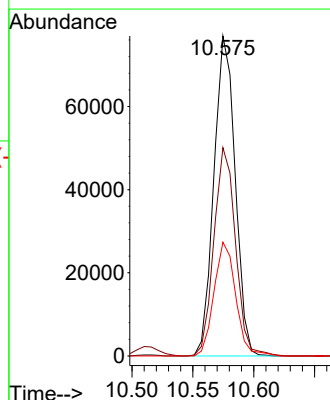
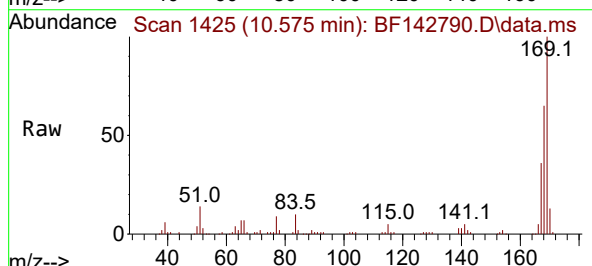
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

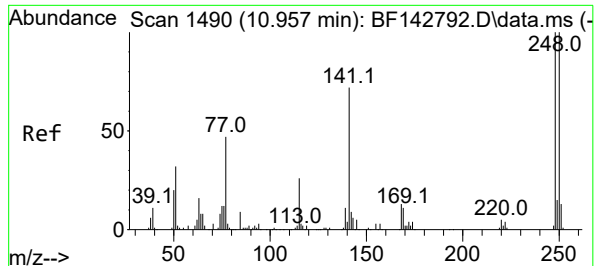
Tgt Ion	Ratio	Lower	Upper
198	100		
51	52.8	25.4	65.4
105	44.8	20.4	60.4



#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	Ratio	Lower	Upper
169	100		
168	65.1	51.9	77.9
167	35.6	28.5	42.7

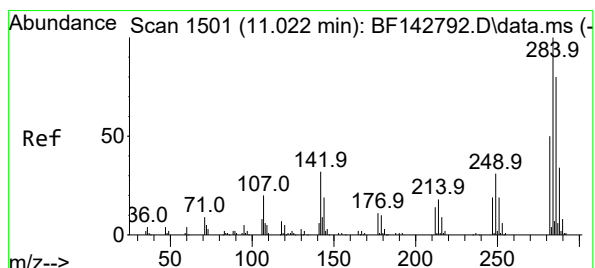
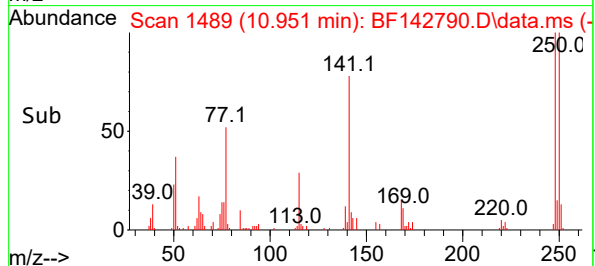
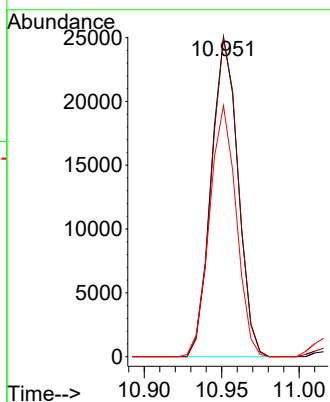
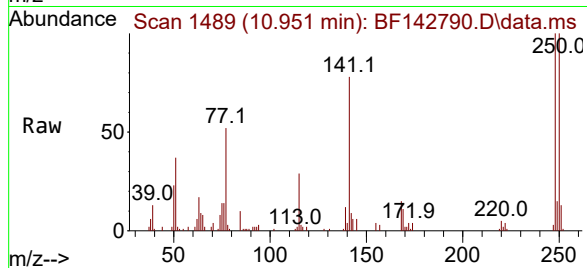




#67
4-Bromophenyl-phenylether
Concen: 9.425 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

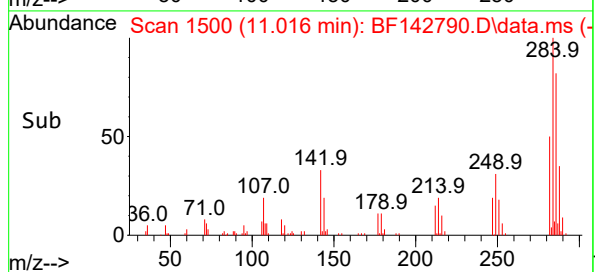
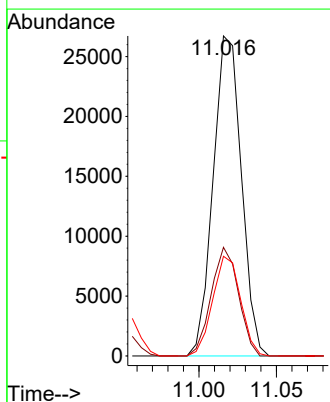
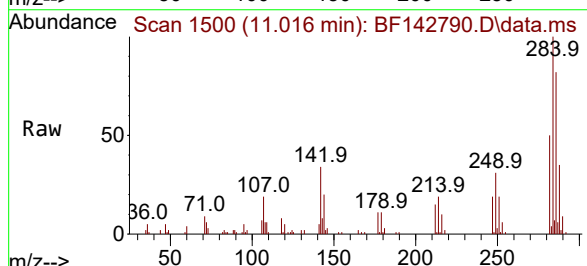
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

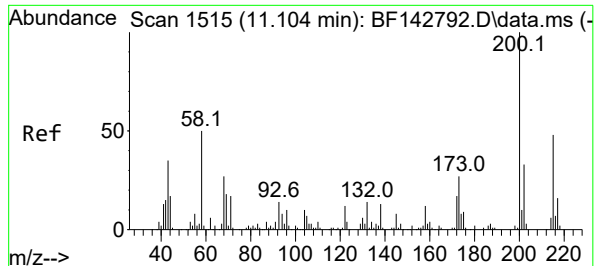
Tgt Ion:	248	Resp:	30145
Ion Ratio	Lower	Upper	
248	100		
250	99.6	79.8	119.8
141	78.4	57.8	86.6



#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

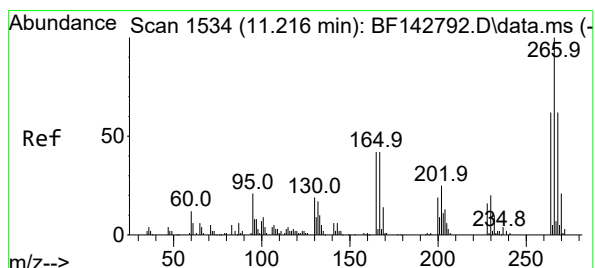
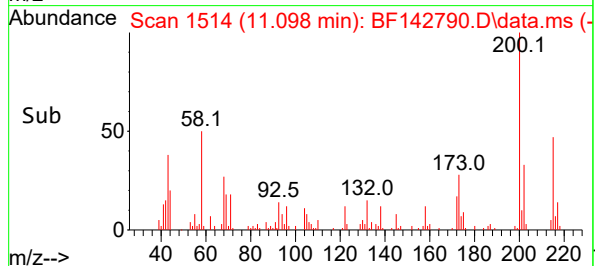
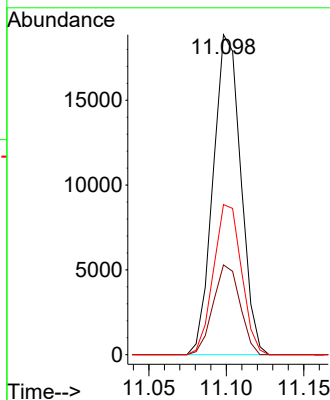
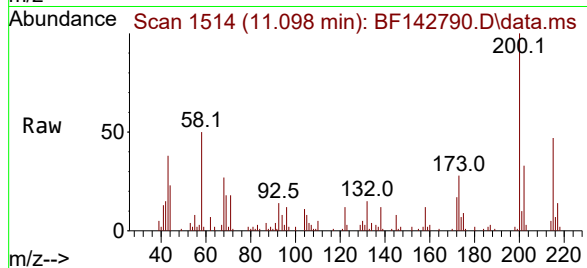




#69
Atrazine
Concen: 9.401 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

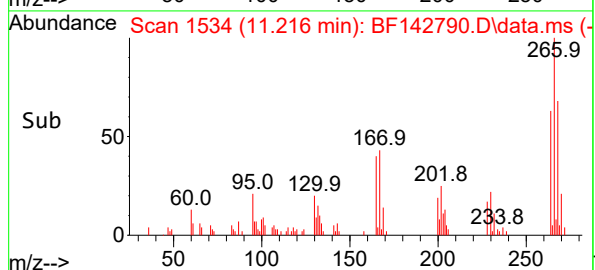
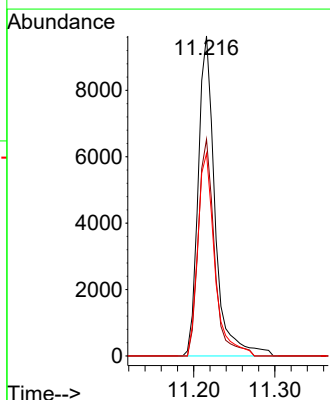
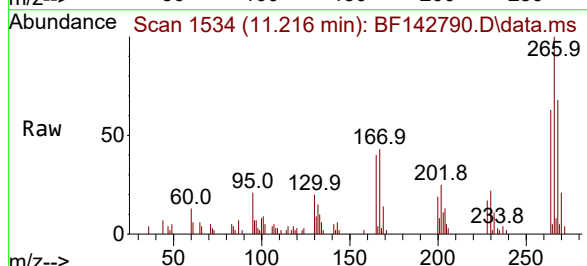
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

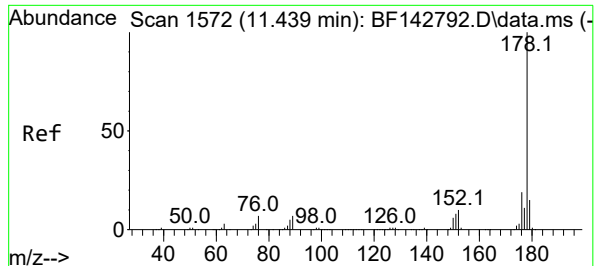
Tgt Ion	200	Resp	23423
Ion Ratio	Lower	Upper	
200	100		
173	28.1	7.4	47.4
215	46.9	28.4	68.4



#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

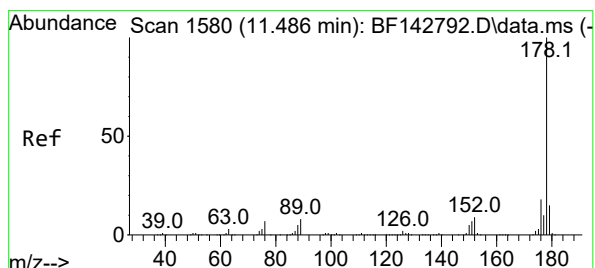
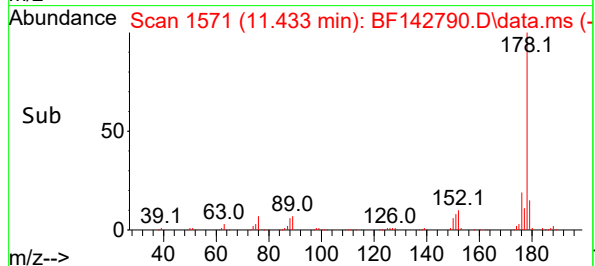
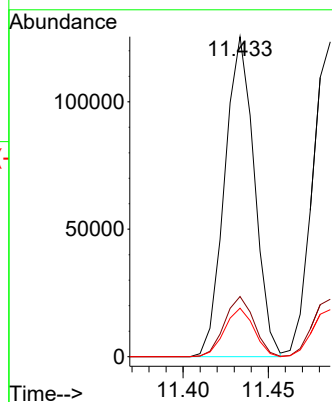
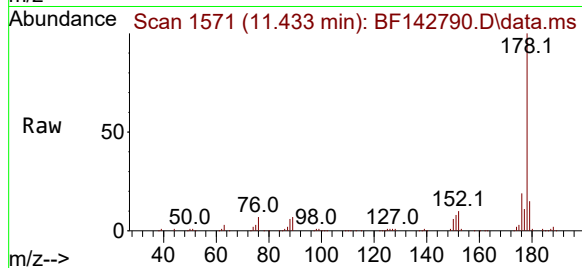




#71
Phenanthrene
Concen: 10.396 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

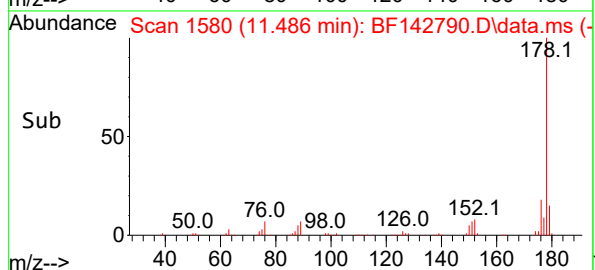
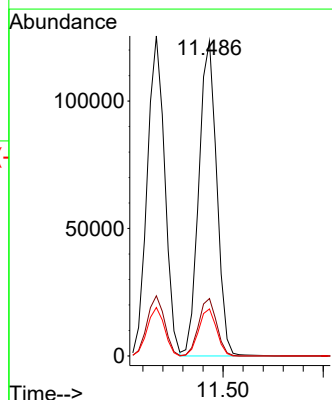
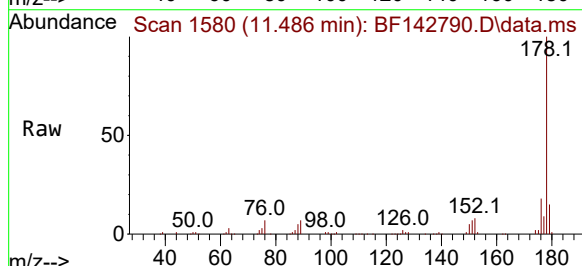
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

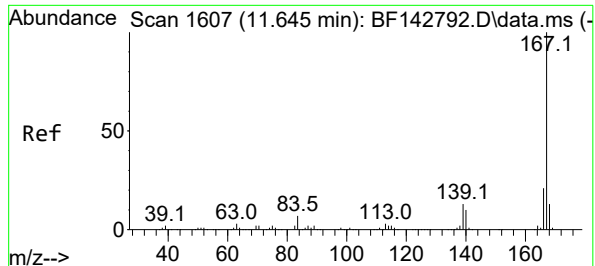
Tgt Ion:178 Resp: 151997
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.1 12.0 18.0



#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

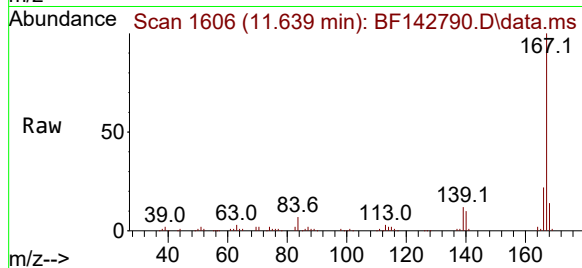
Tgt Ion:178 Resp: 153376
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.0 12.4 18.6



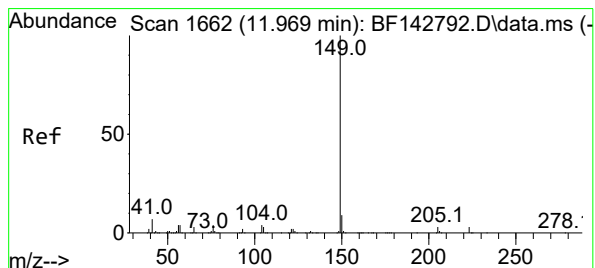
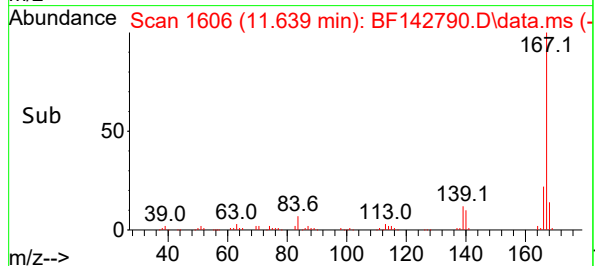
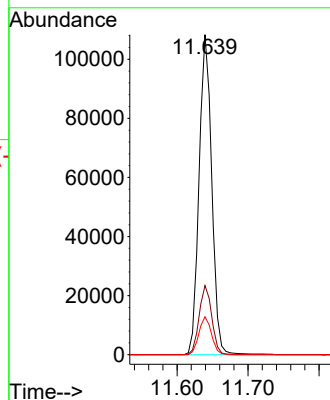


#73
Carbazole
Concen: 10.625 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

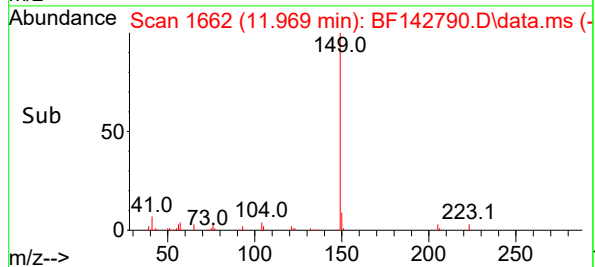
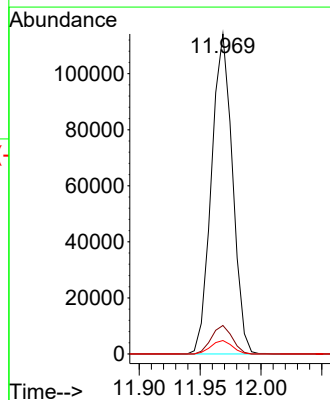
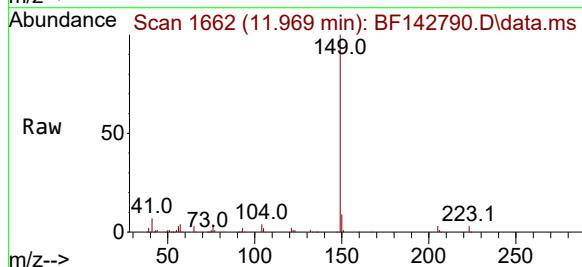


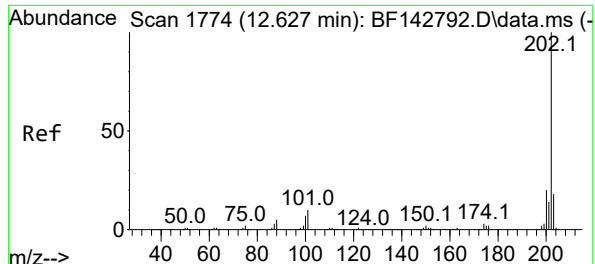
Tgt Ion:167 Resp: 134656
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.4
139 11.8 10.2 15.2



#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

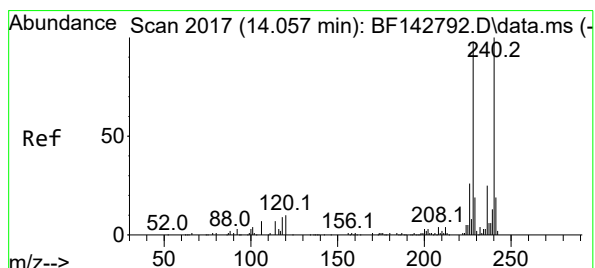
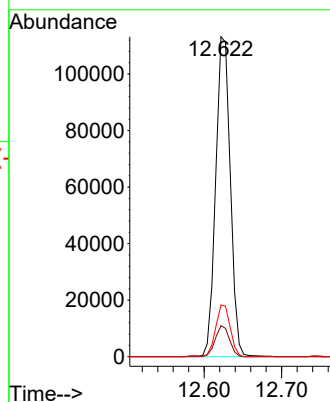
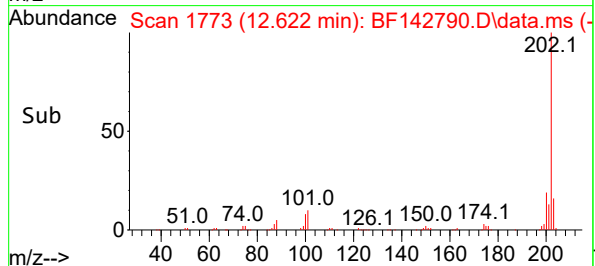
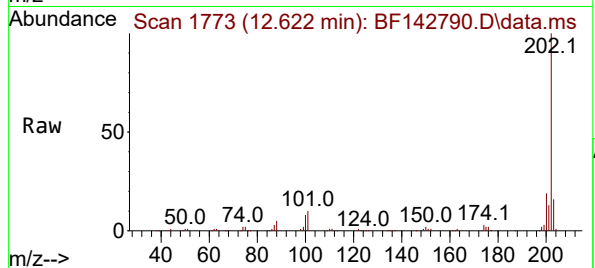




#75
Fluoranthene
Concen: 10.693 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

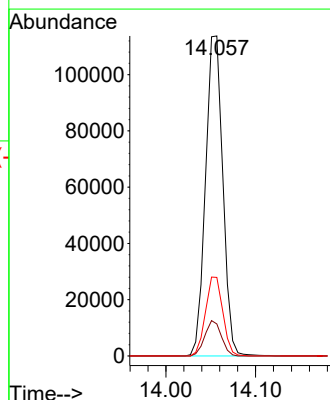
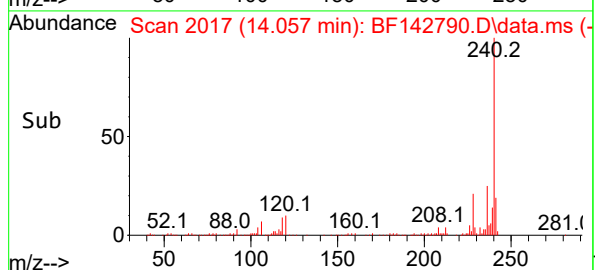
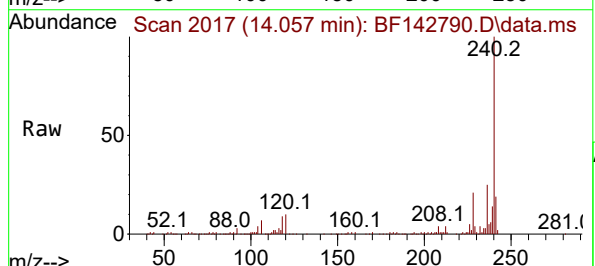
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

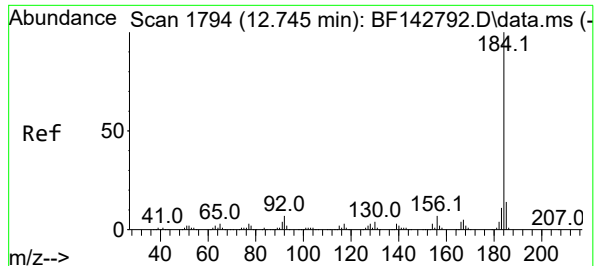
Tgt Ion:202 Resp: 148540
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.7
203 16.2 0.0 37.5



#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

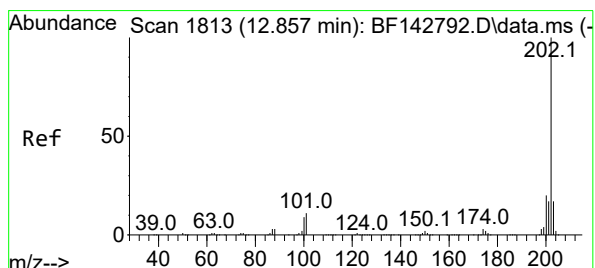
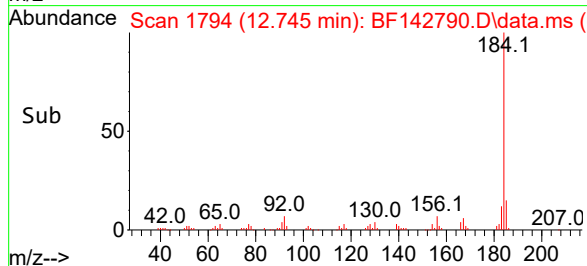
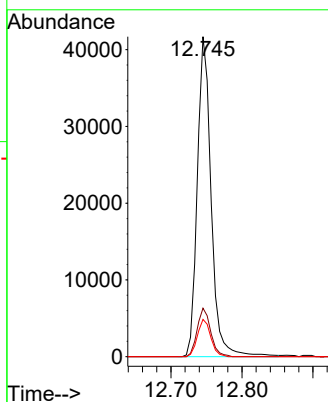
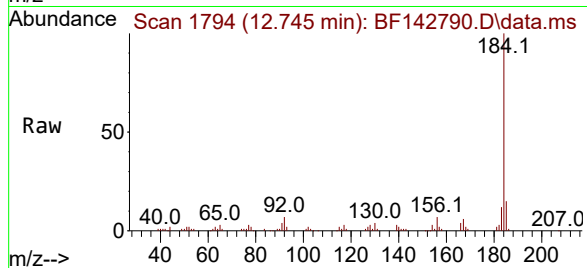
Tgt Ion:184 Resp: 56769

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

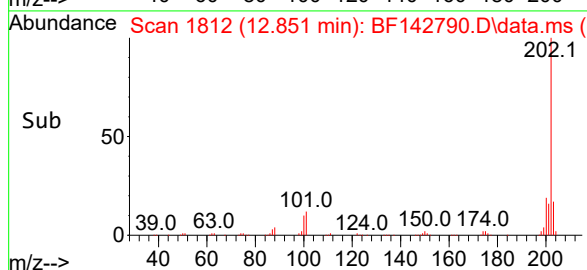
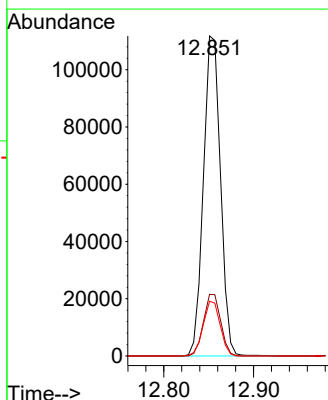
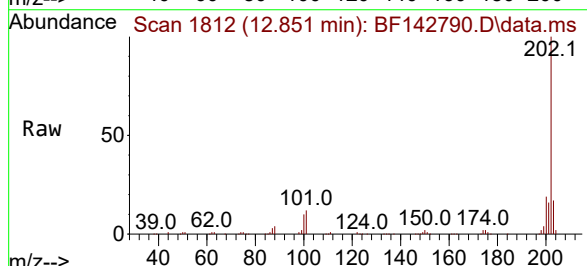
Tgt Ion:202 Resp: 147819

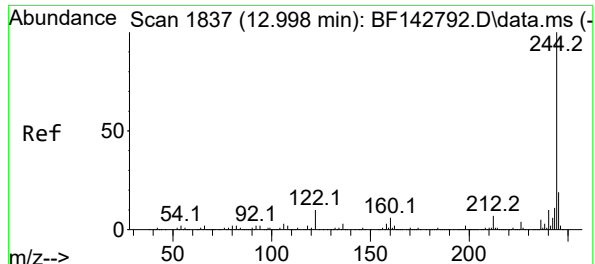
Ion Ratio Lower Upper

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

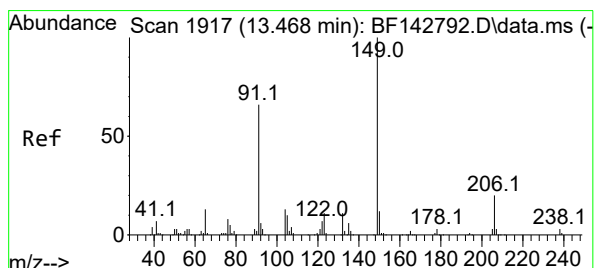
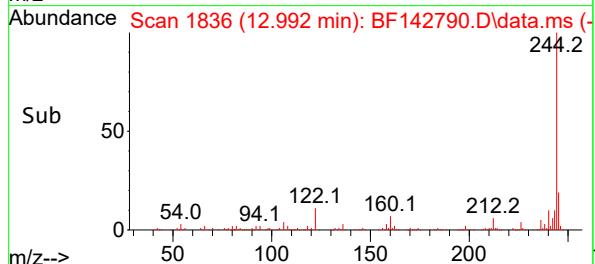
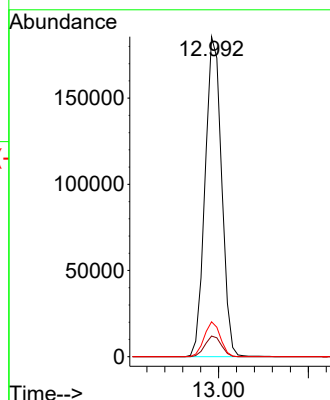
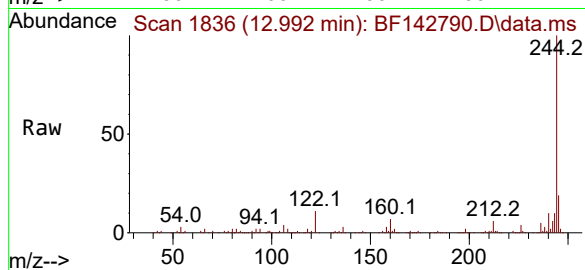
Tgt Ion:244 Resp: 237037

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

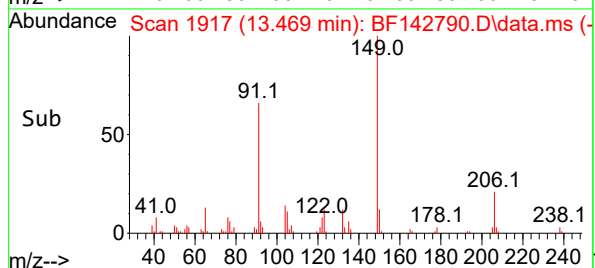
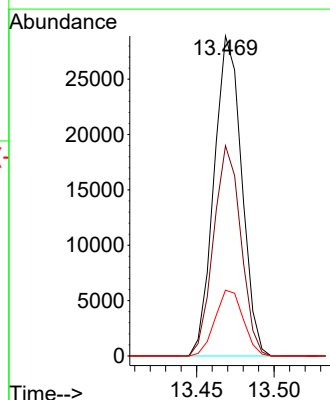
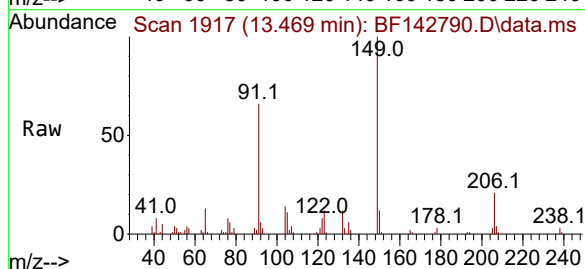
Tgt Ion:149 Resp: 35843

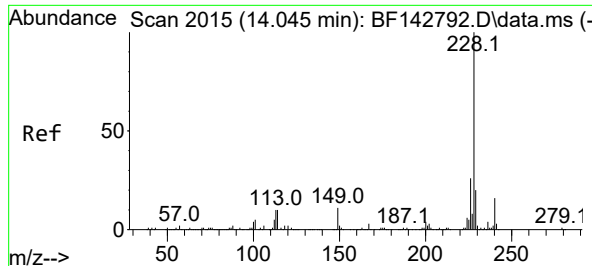
Ion Ratio Lower Upper

149 100

91 65.7 52.9 79.3

206 20.5 16.3 24.5

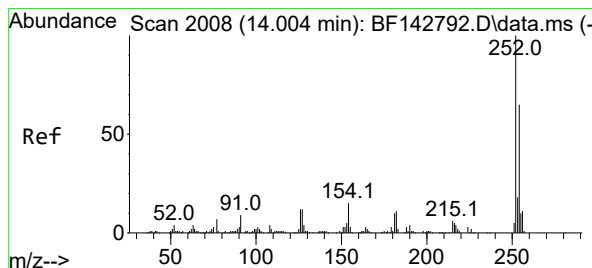
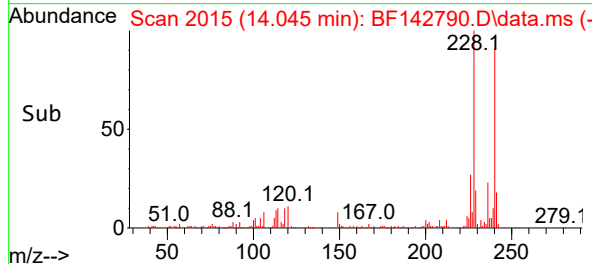
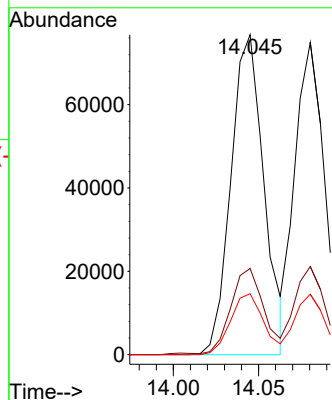
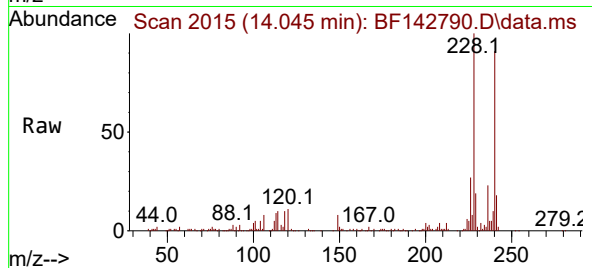




#81
Benzo(a)anthracene
Concen: 10.345 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

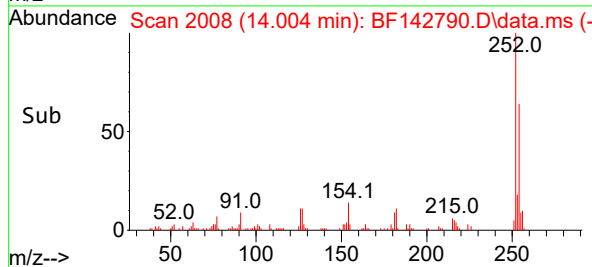
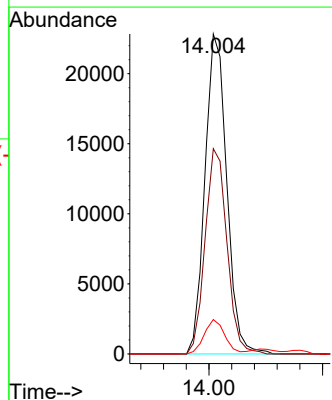
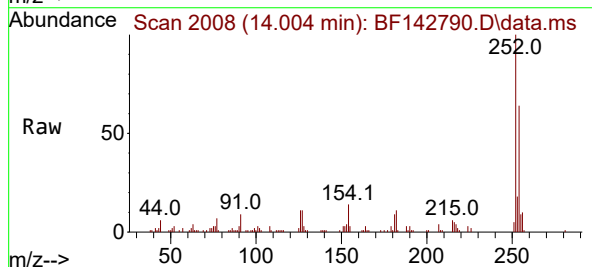
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

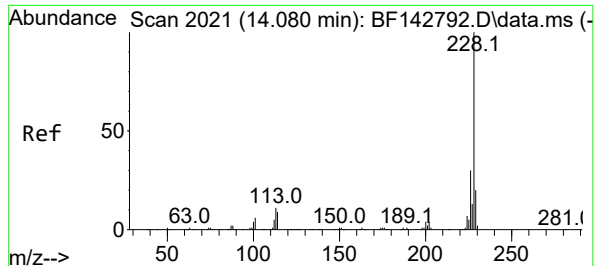
Tgt Ion:228 Resp: 103495
Ion Ratio Lower Upper
228 100
226 27.0 21.2 31.8
229 19.1 15.6 23.4



#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

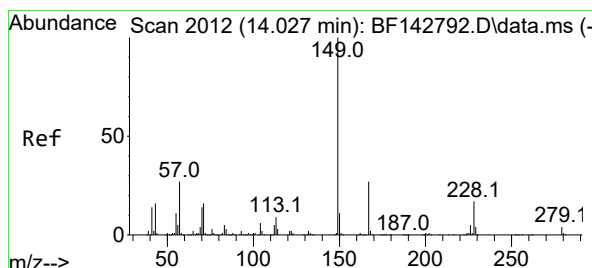
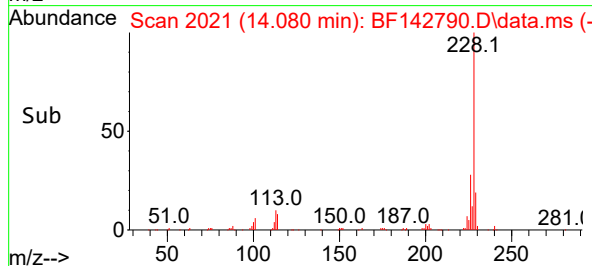
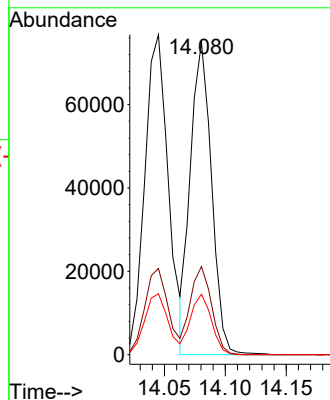
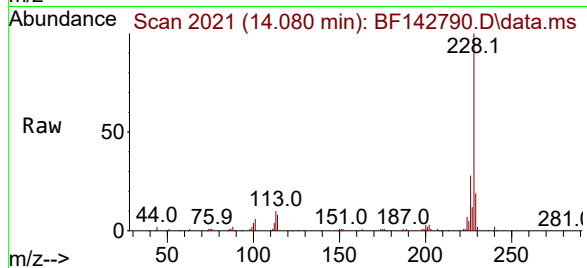
Tgt Ion:228 Resp: 90725

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

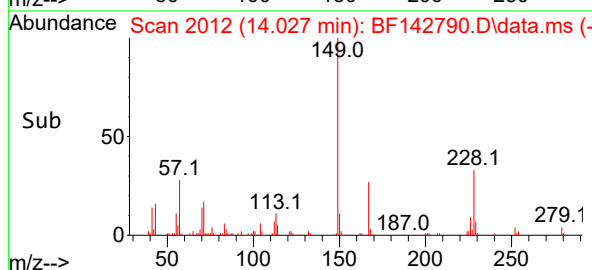
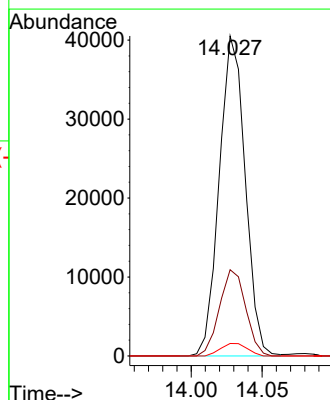
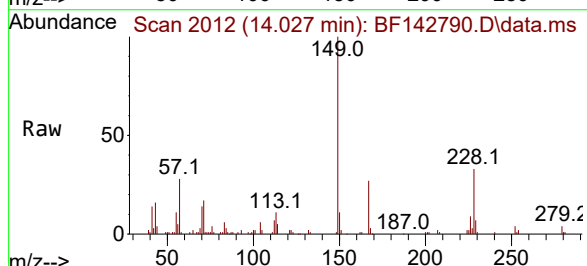
Tgt Ion:149 Resp: 51432

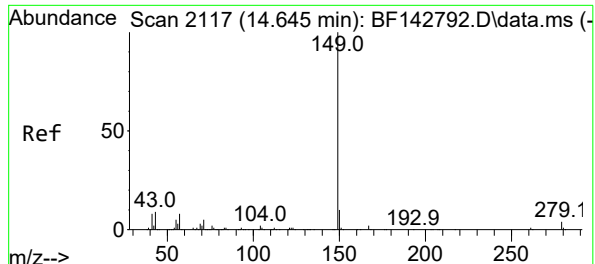
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 3.9 3.0 4.6

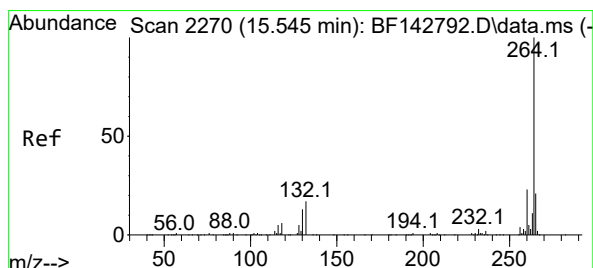
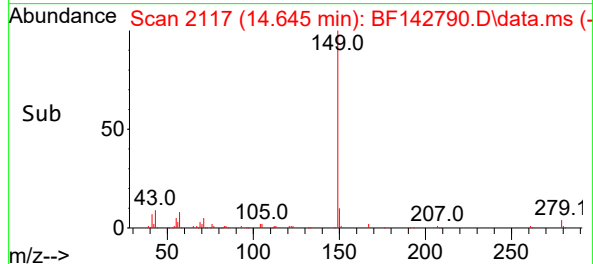
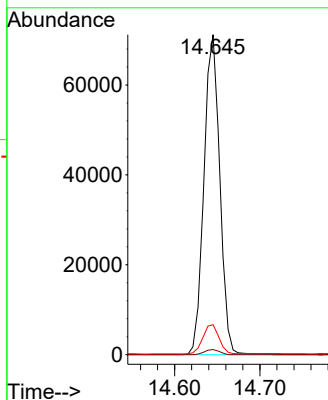
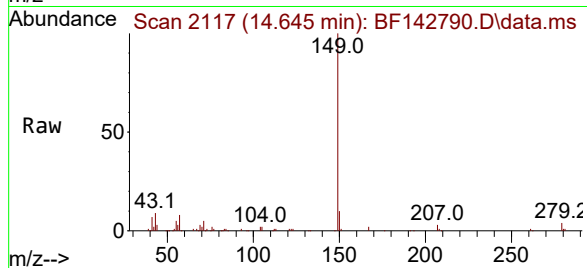




#85
Di-n-octyl phthalate
Concen: 7.805 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

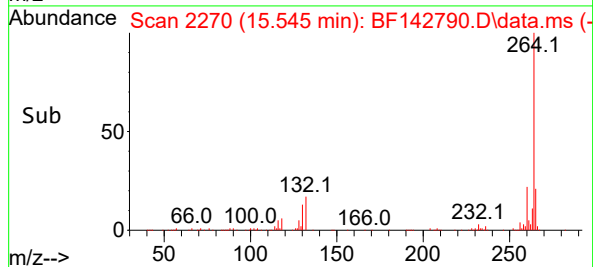
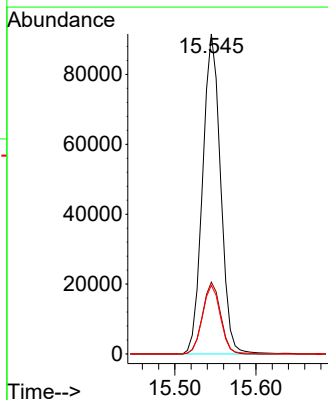
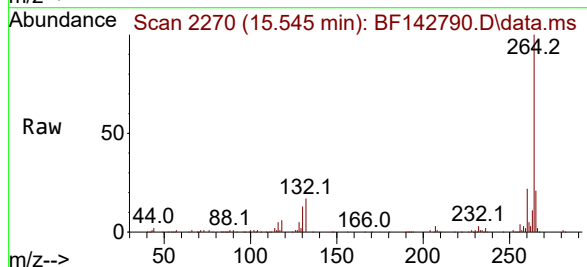
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

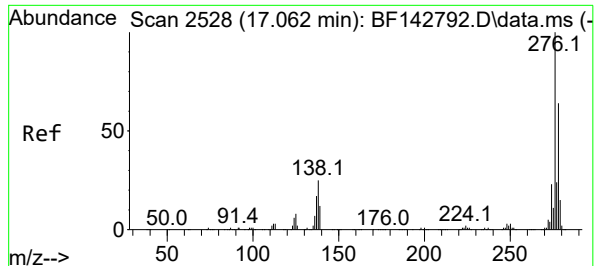
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.3	7.6	11.4



#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

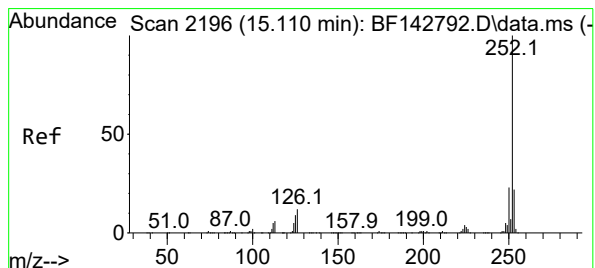
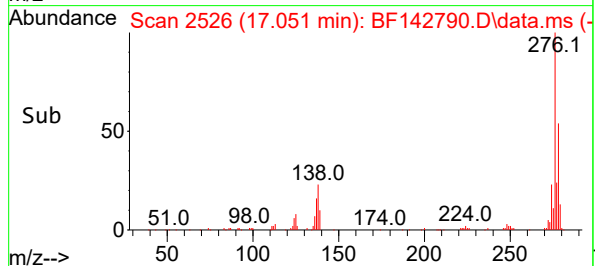
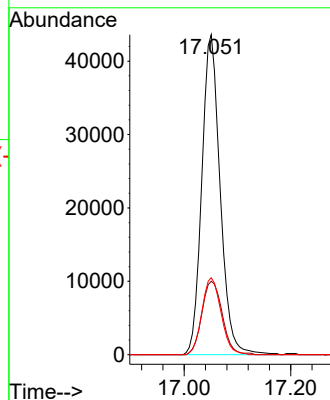
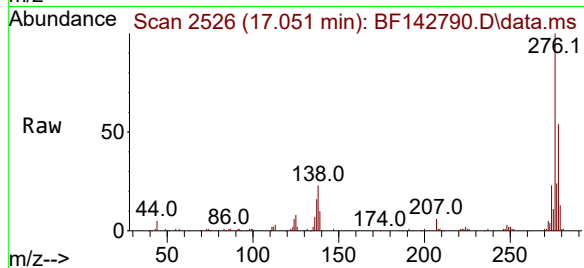
Tgt Ion:276 Resp: 104445

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

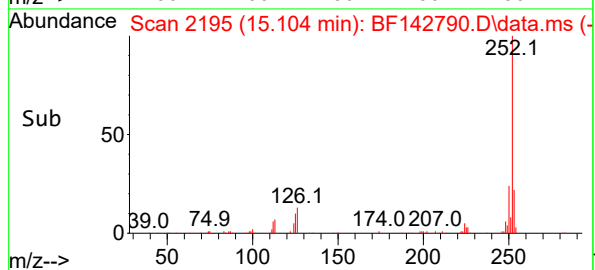
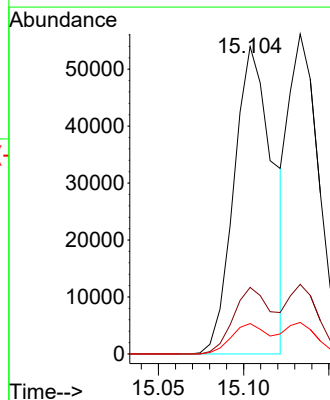
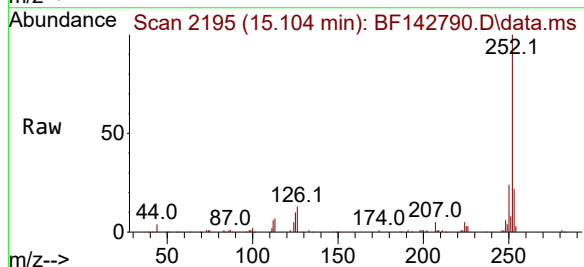
Tgt Ion:252 Resp: 85689

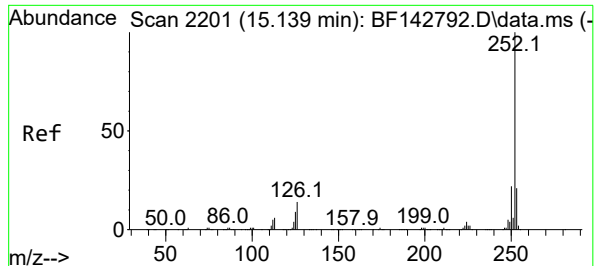
Ion Ratio Lower Upper

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

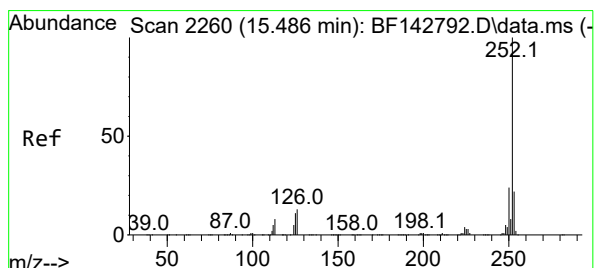
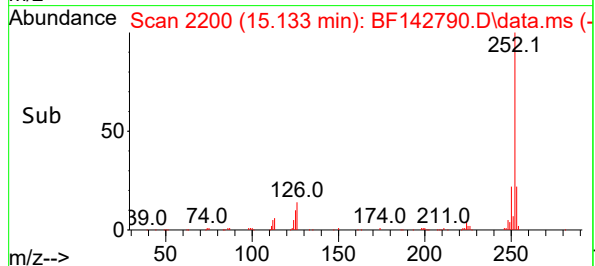
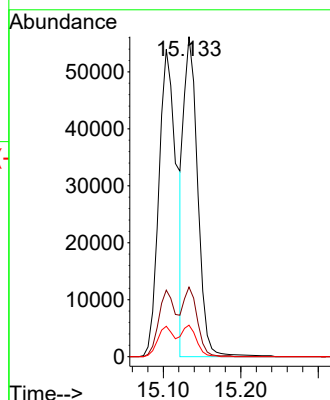
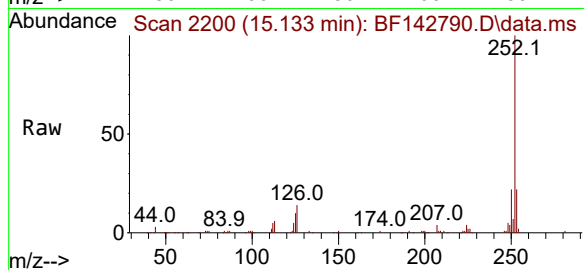
Tgt Ion:252 Resp: 70470

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

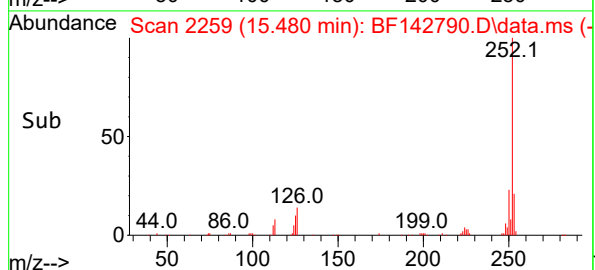
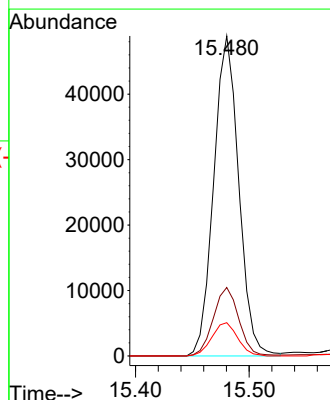
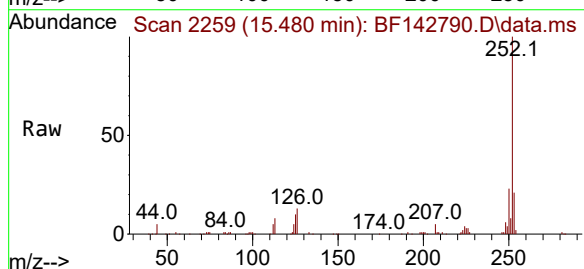
Tgt Ion:252 Resp: 74803

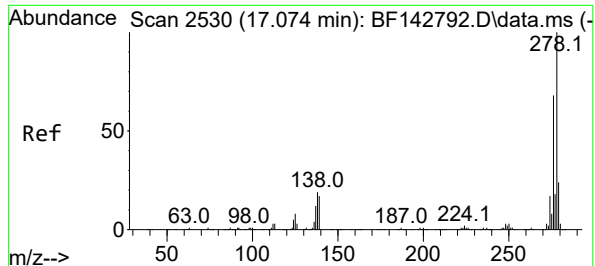
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.4 8.6 12.8

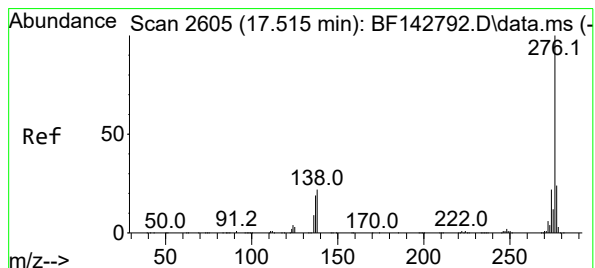
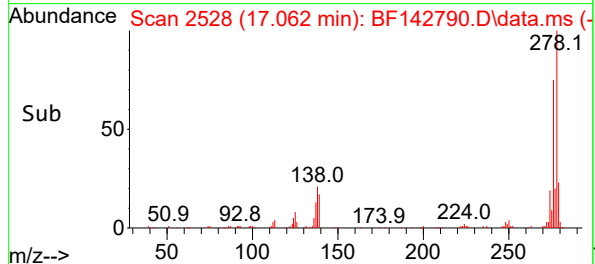
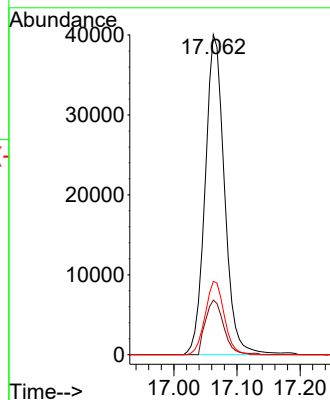
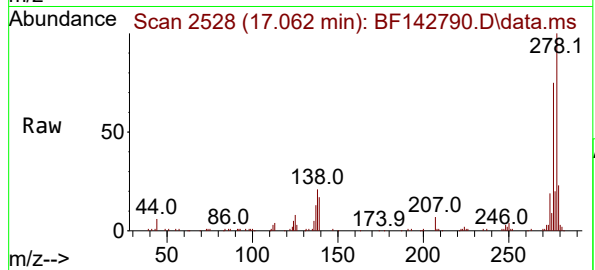




#91
Dibenzo(a,h)anthracene
Concen: 10.099 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

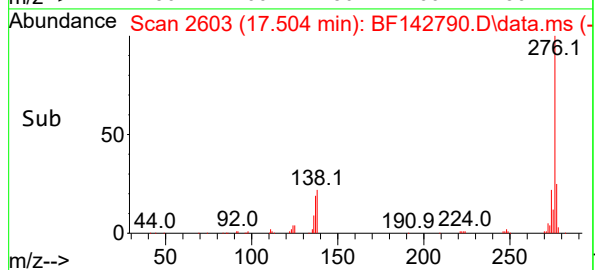
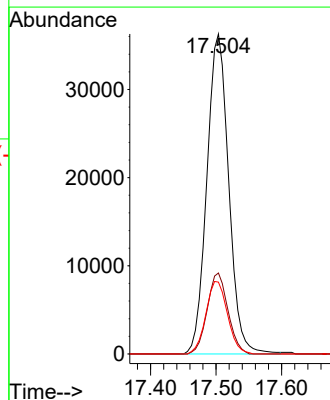
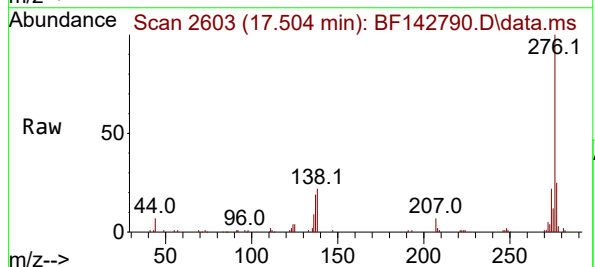
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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

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

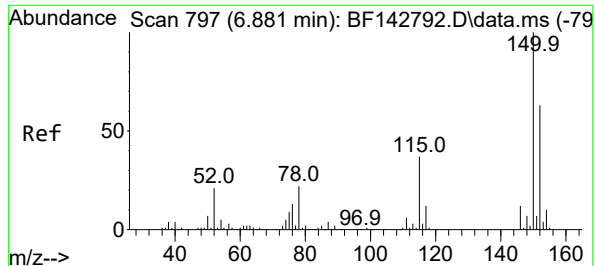
Quant Time: Jun 20 04:39:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

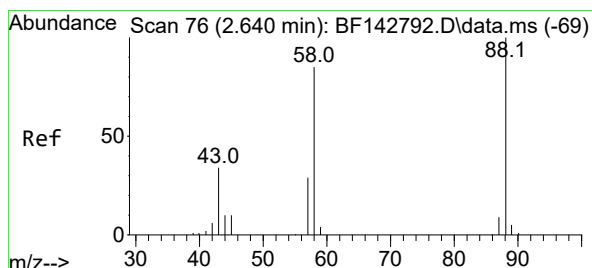
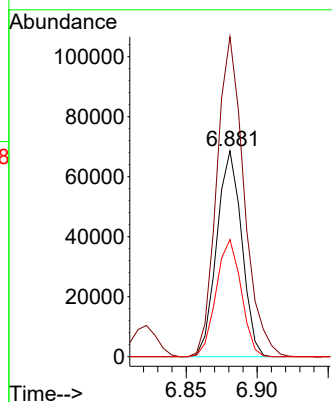
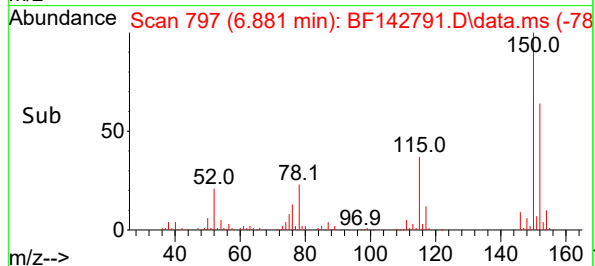
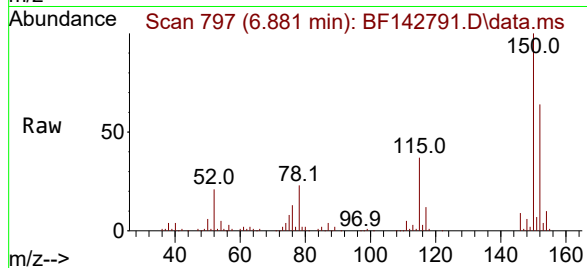
[illegible]



#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

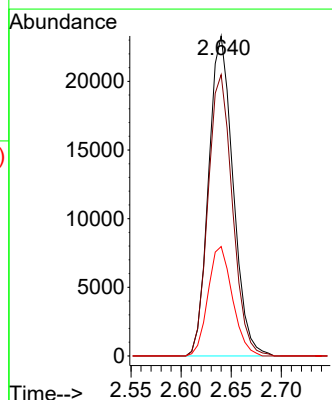
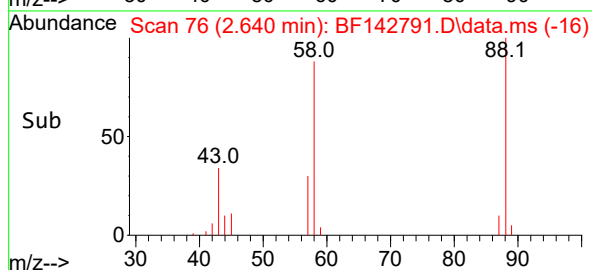
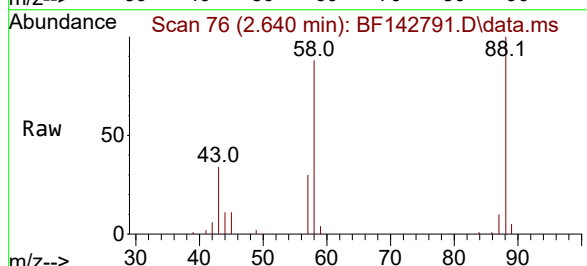
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BNA_F
ClientSampleId :
SSTDICC020

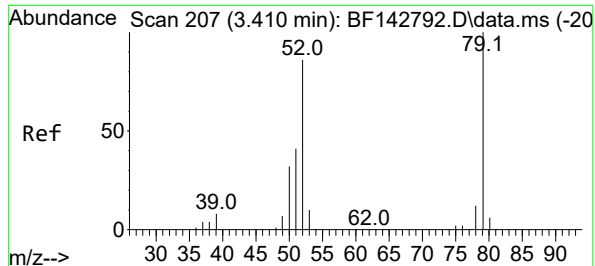
Tgt Ion:152 Resp: 83780
Ion Ratio Lower Upper
152 100
150 155.5 127.2 190.8
115 56.9 46.6 69.8



#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

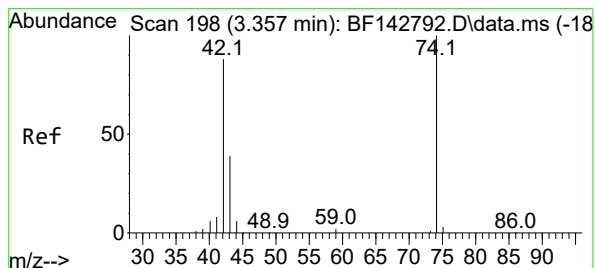
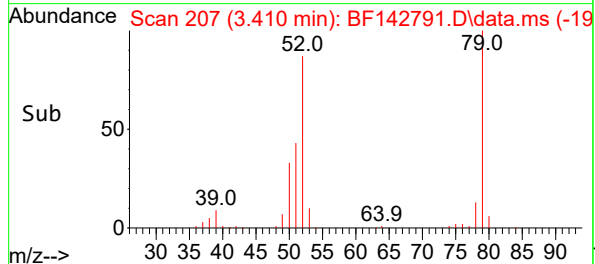
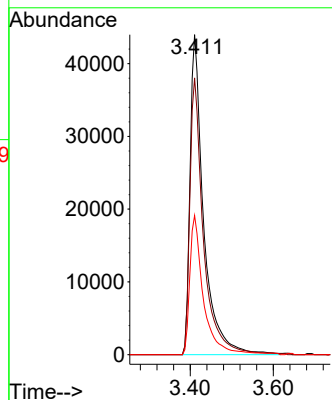
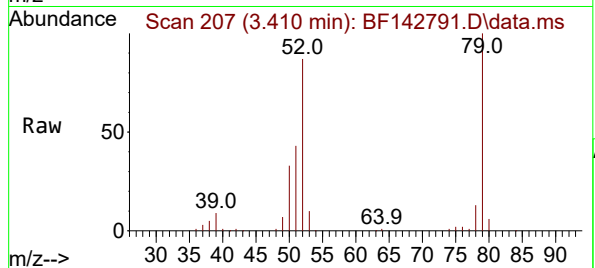




#3
Pyridine
Concen: 20.419 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

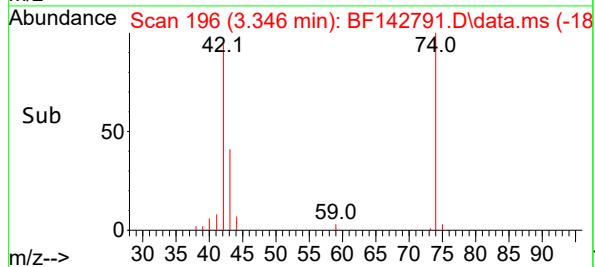
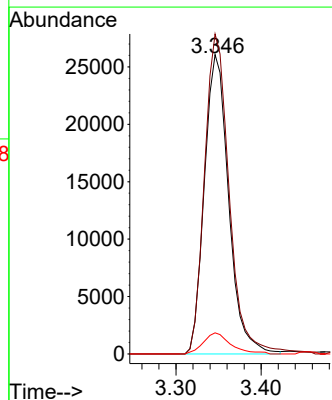
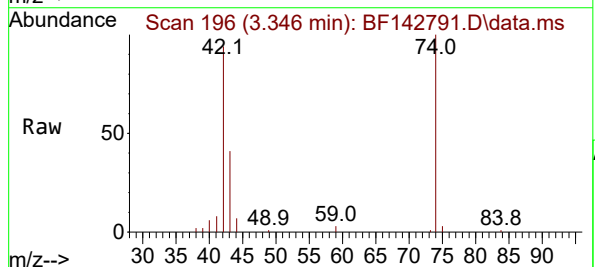
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

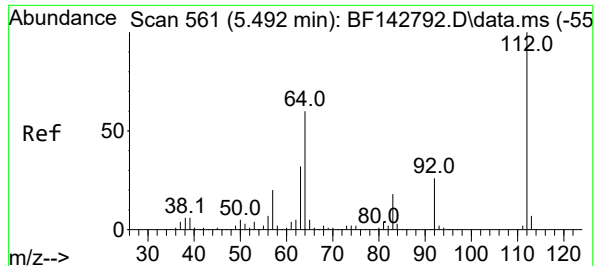
Tgt Ion: 79 Resp: 99721
Ion Ratio Lower Upper
79 100
52 86.5 69.2 103.8
51 43.5 33.2 49.8



#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

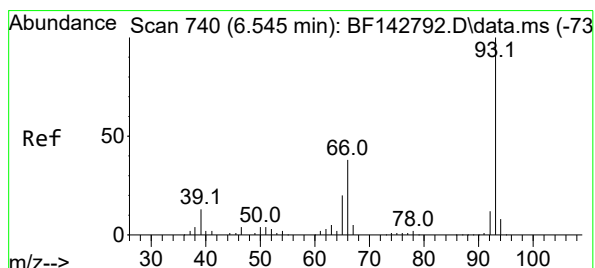
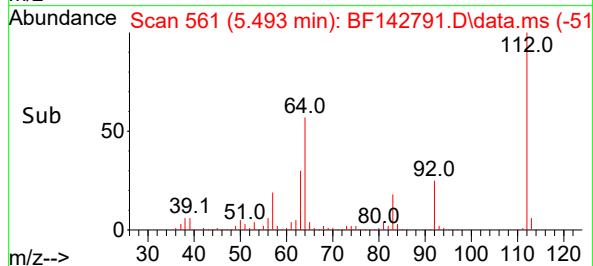
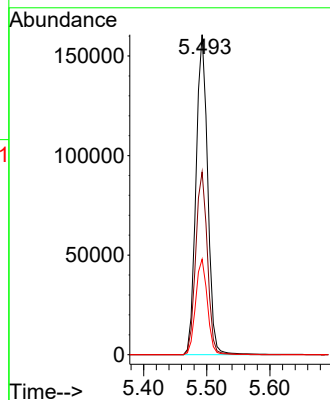
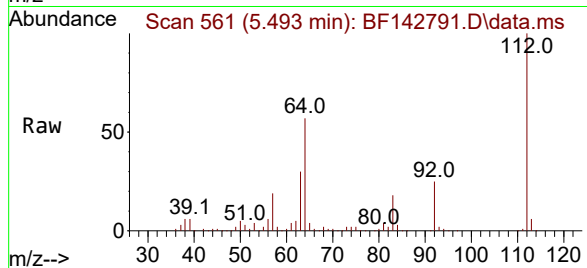
Tgt Ion:112 Resp: 206126

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

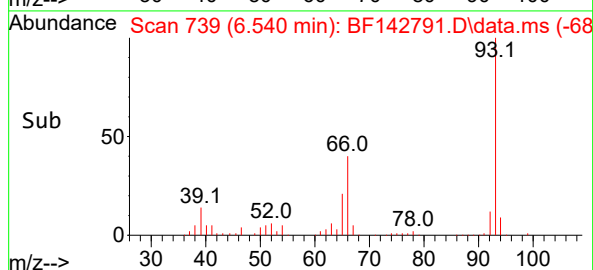
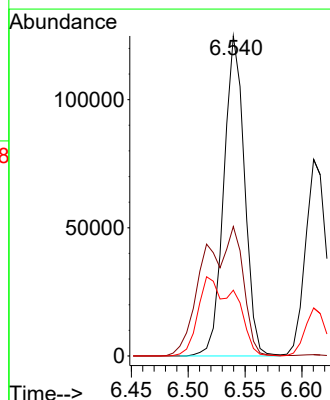
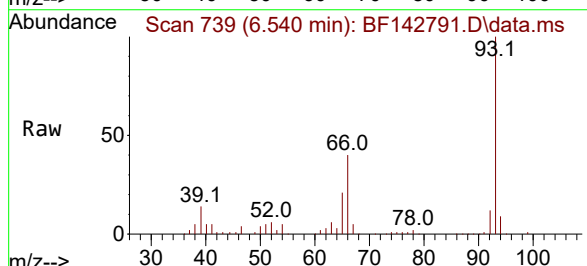
Tgt Ion: 93 Resp: 158463

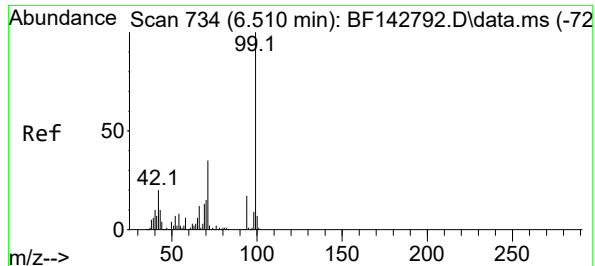
Ion Ratio Lower Upper

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

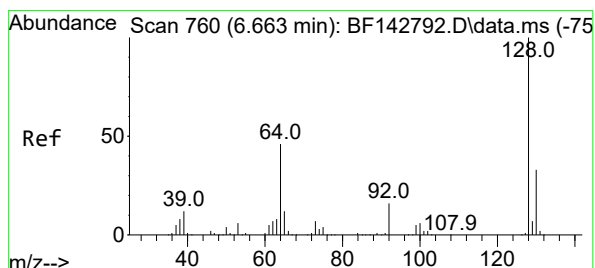
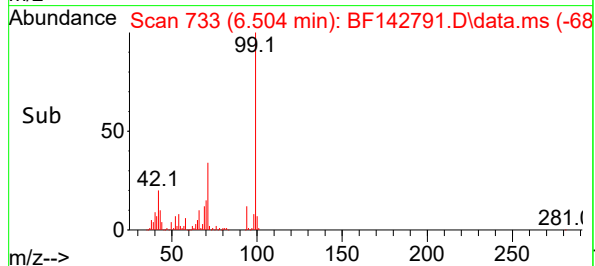
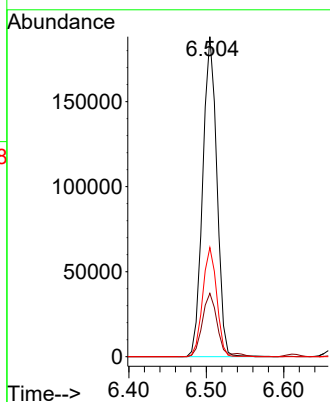
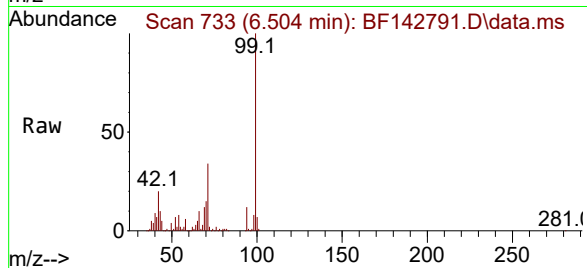
Tgt Ion: 99 Resp: 238437

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

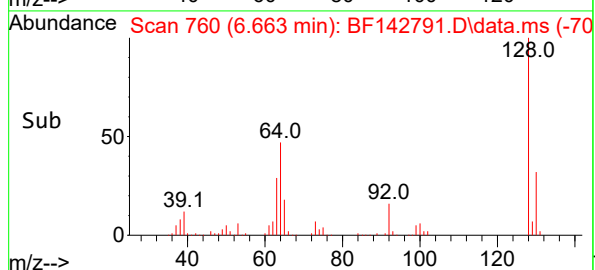
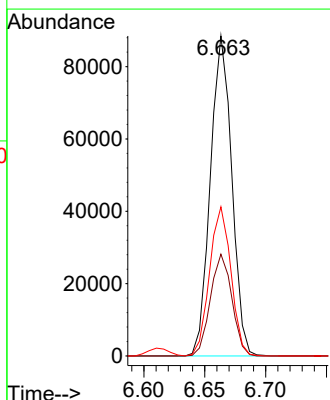
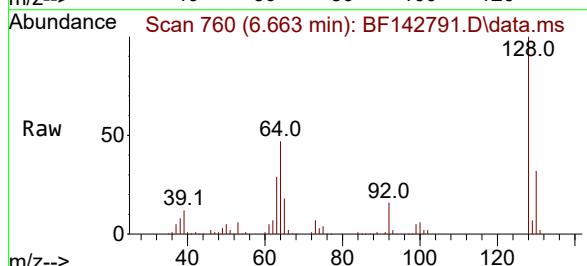
Tgt Ion:128 Resp: 108230

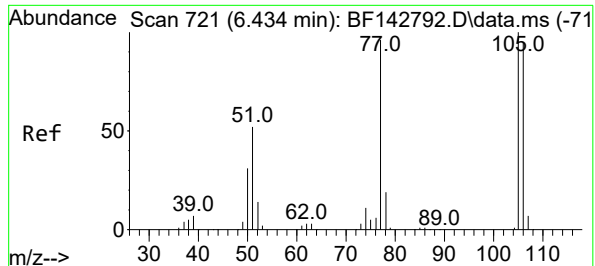
Ion Ratio Lower Upper

128 100

130 31.8 12.7 52.7

64 46.6 26.5 66.5

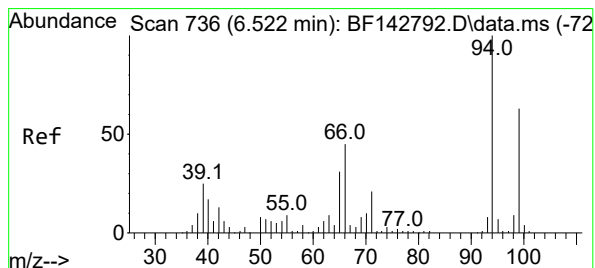
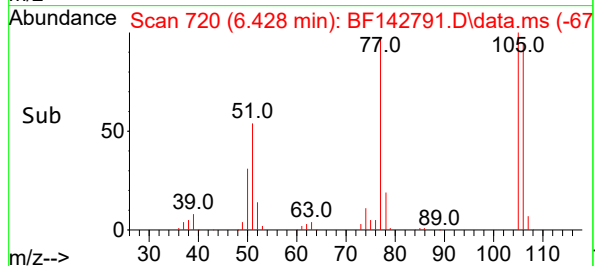
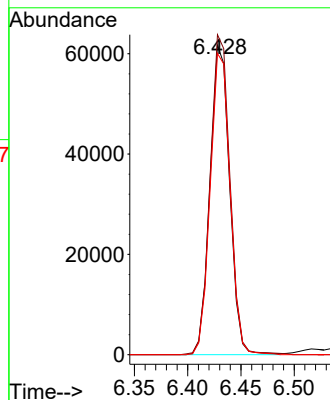
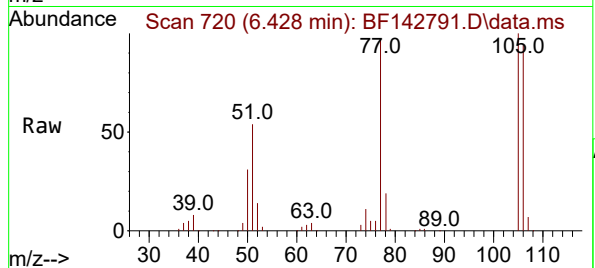




#9
Benzaldehyde
Concen: 22.467 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

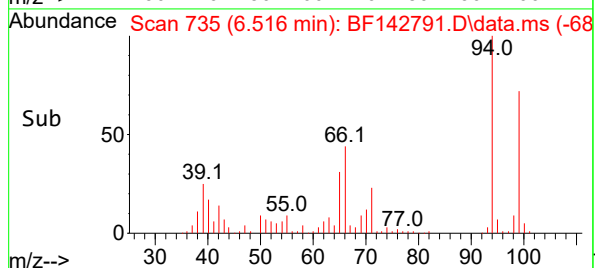
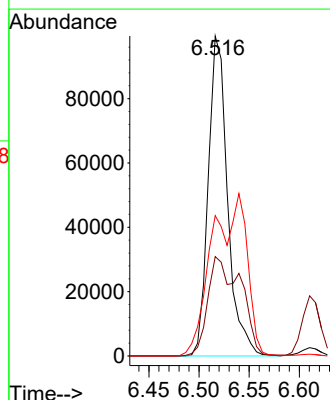
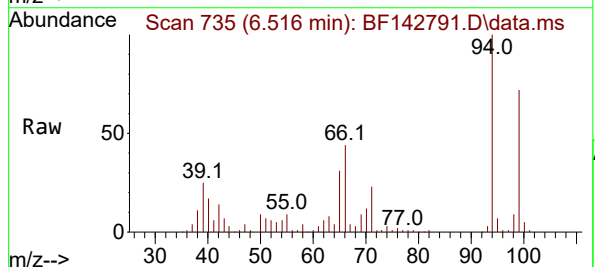
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

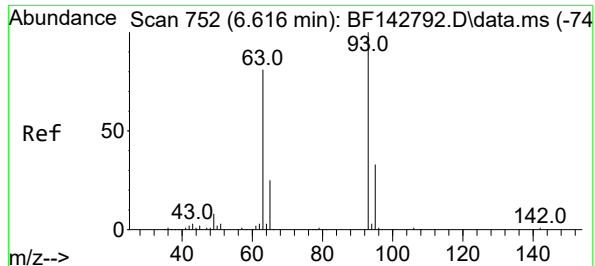
Tgt Ion: 77 Resp: 79008
Ion Ratio Lower Upper
77 100
105 103.4 83.8 123.8
106 97.4 78.7 118.7



#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

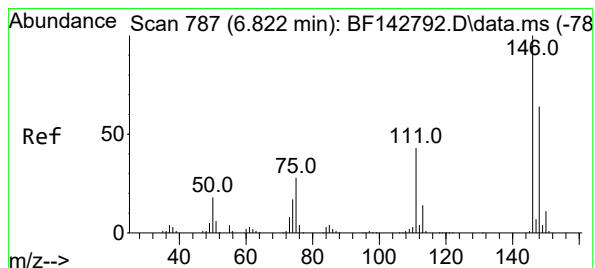
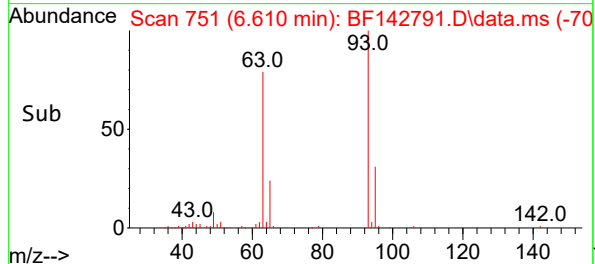
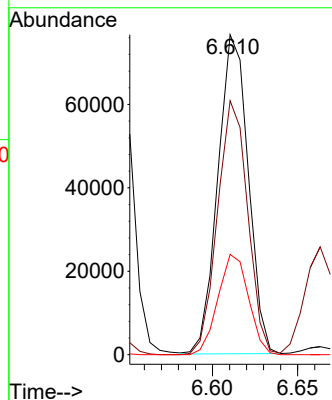
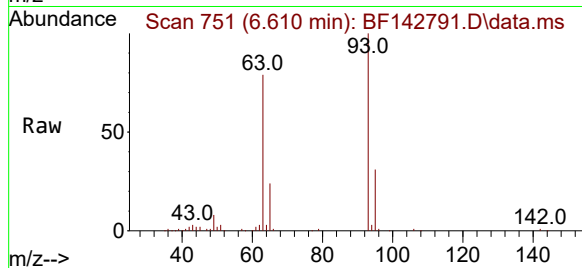




#11
bis(2-Chloroethyl)ether
Concen: 19.905 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

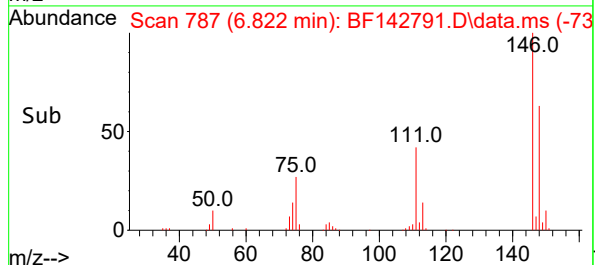
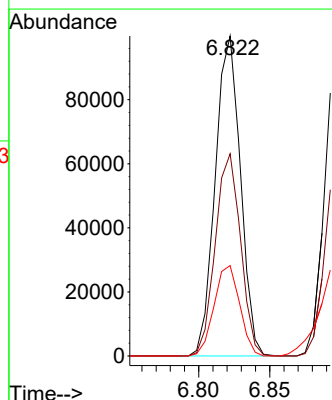
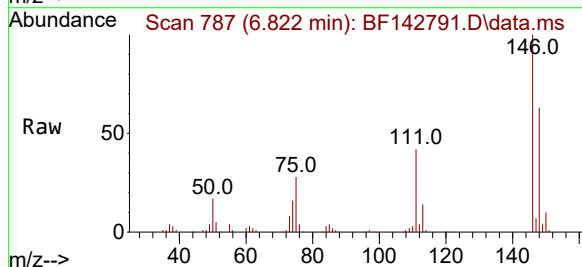
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

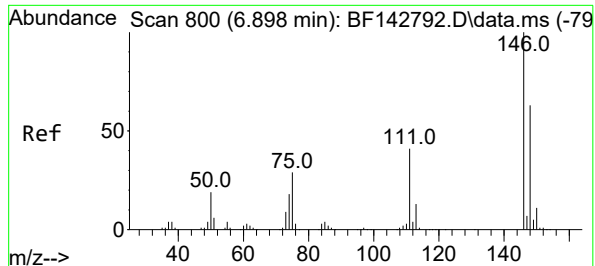
Tgt Ion: 93 Resp: 94972
Ion Ratio Lower Upper
93 100
63 79.3 60.3 100.3
95 31.3 12.5 52.5



#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

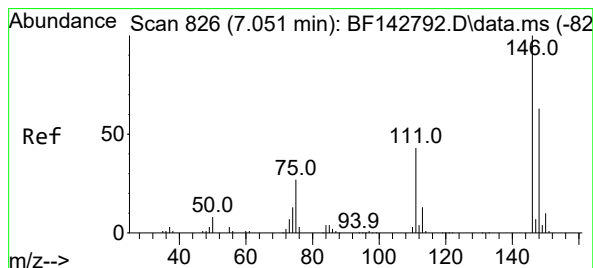
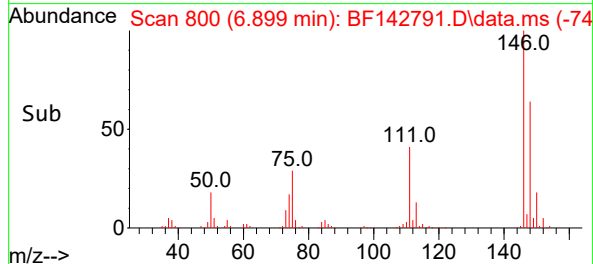
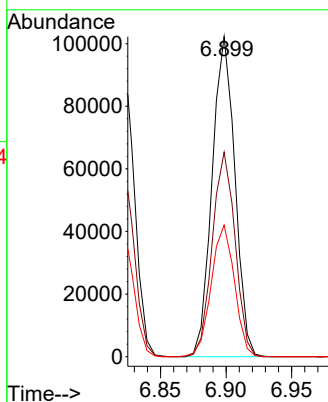
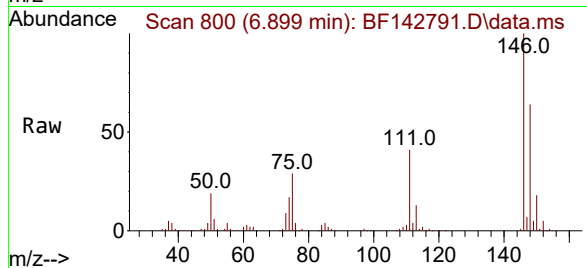
Tgt Ion:146 Resp: 123337

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

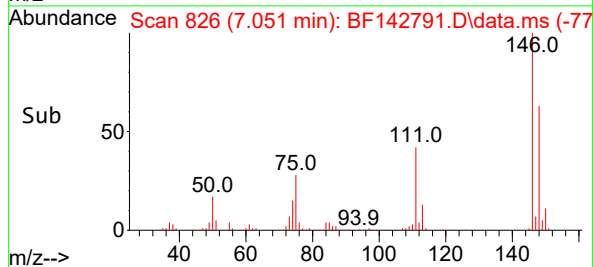
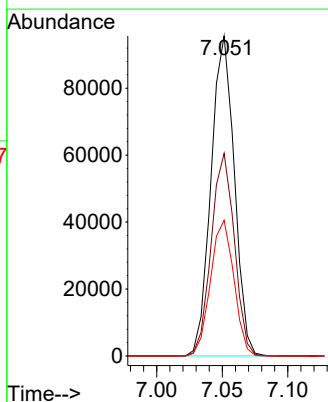
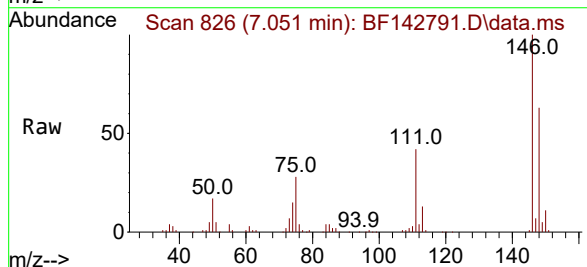
Tgt Ion:146 Resp: 118033

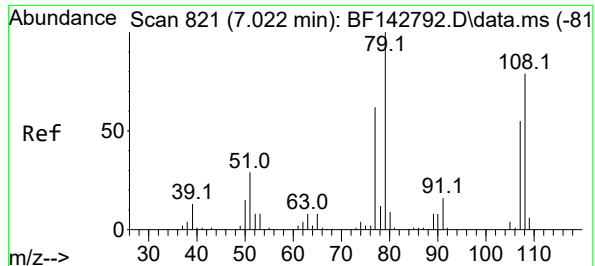
Ion Ratio Lower Upper

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

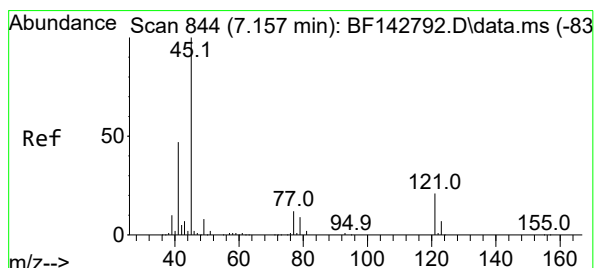
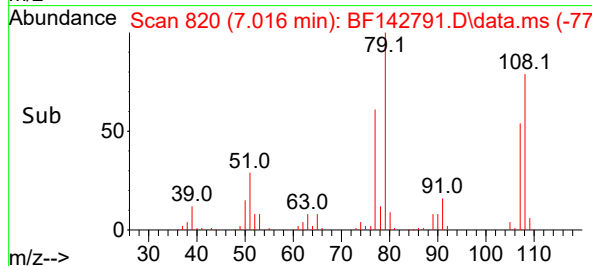
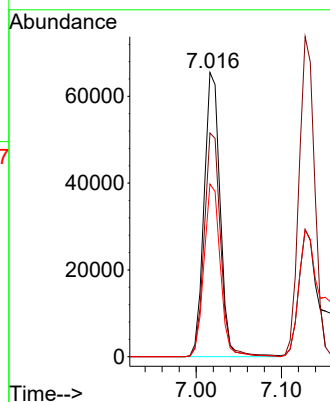
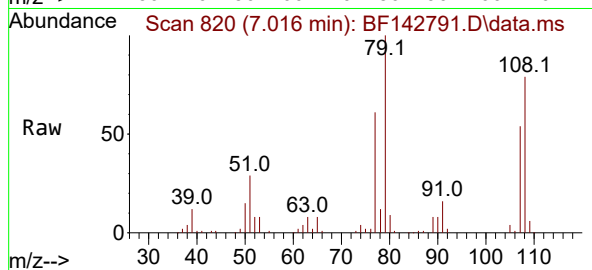
Tgt Ion: 79 Resp: 85856

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

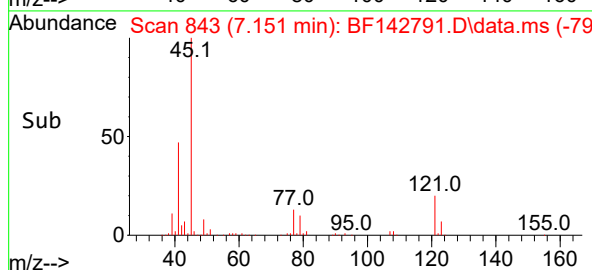
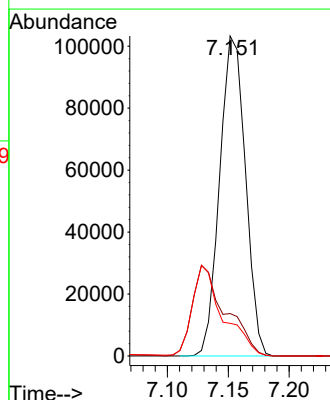
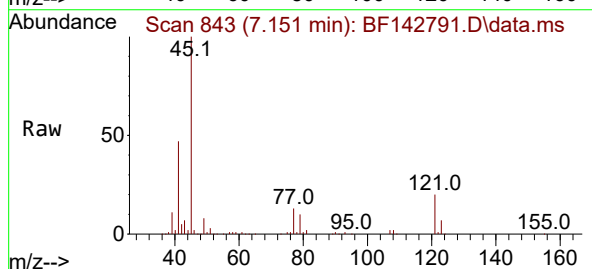
Tgt Ion: 45 Resp: 152035

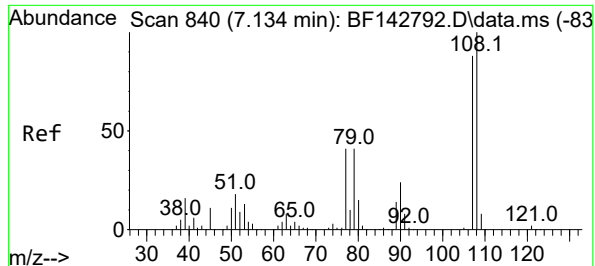
Ion Ratio Lower Upper

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

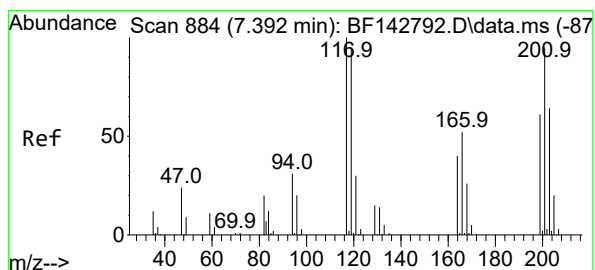
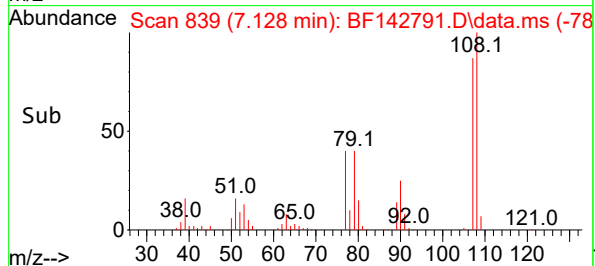
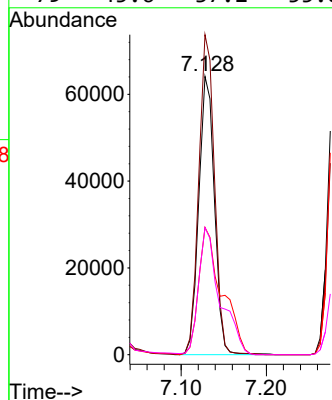
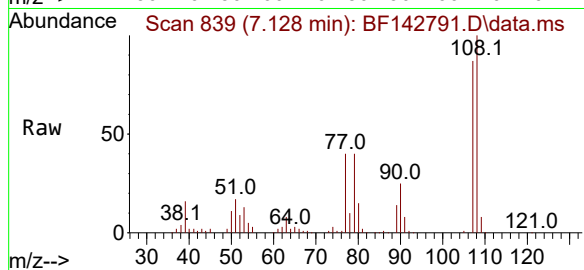
Ion Ratio Lower Upper

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

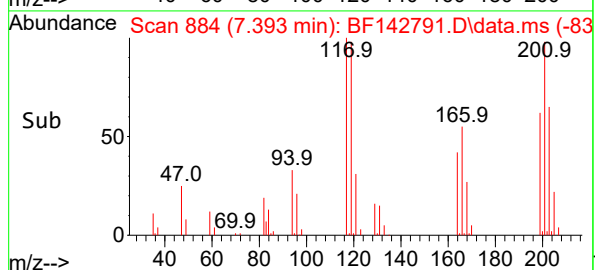
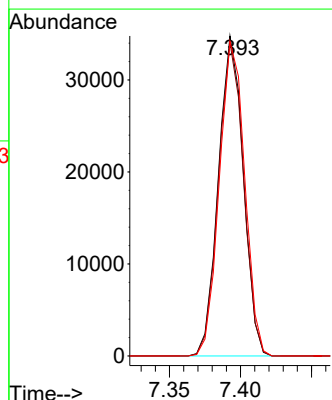
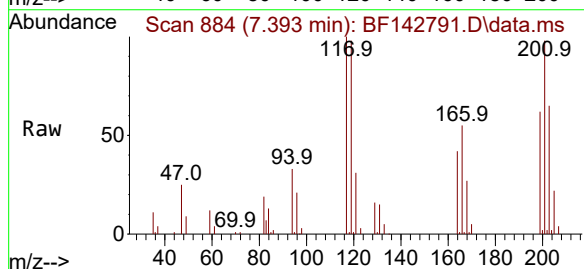
Tgt Ion:117 Resp: 42435

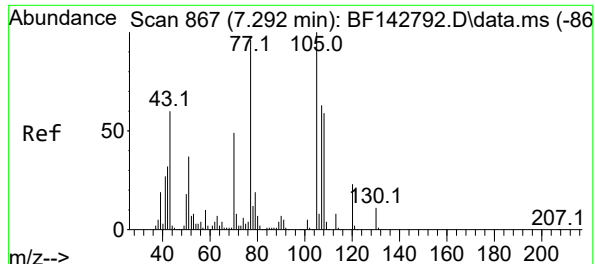
Ion Ratio Lower Upper

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# 866

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

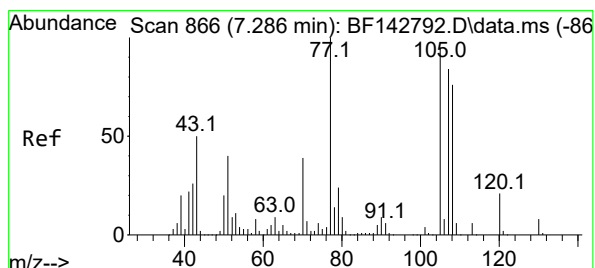
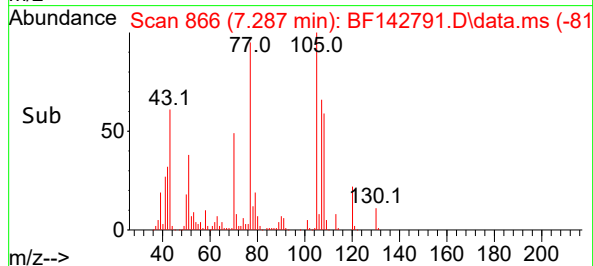
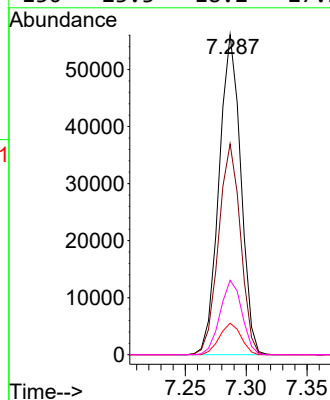
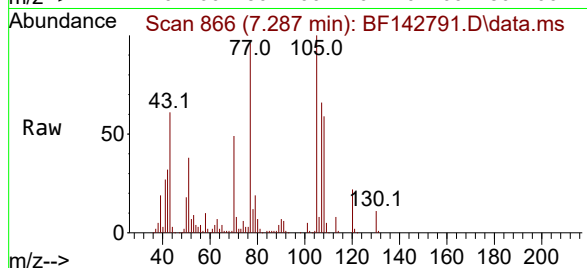
Ion Ratio Lower Upper

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

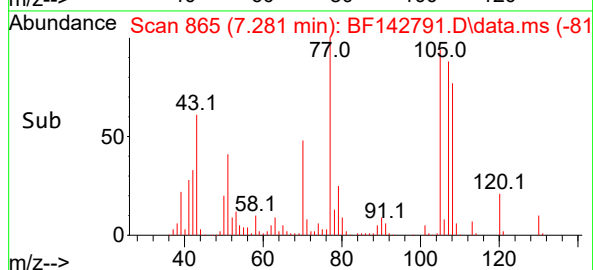
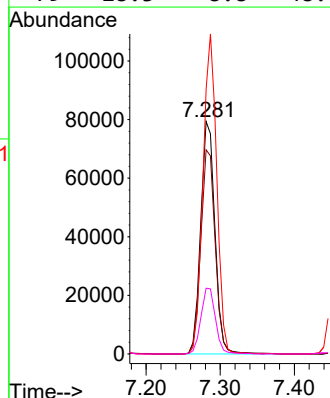
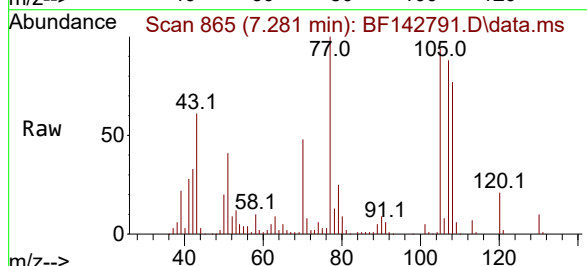
Ion Ratio Lower Upper

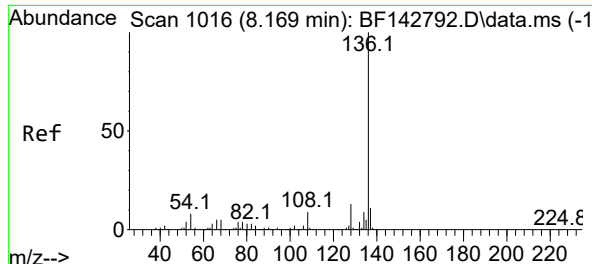
107 100

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# 1016

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

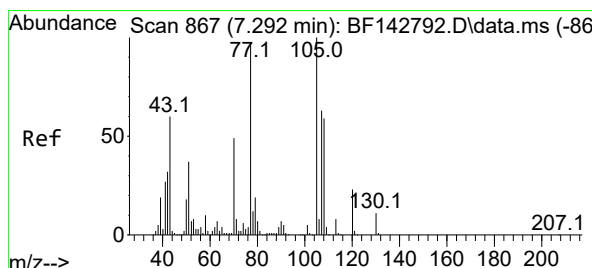
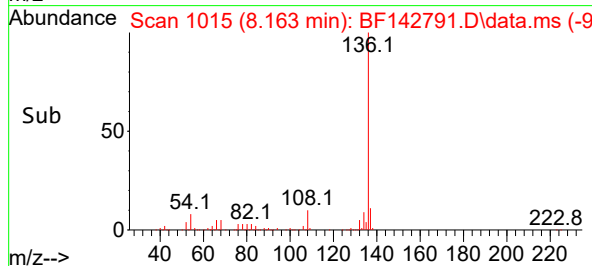
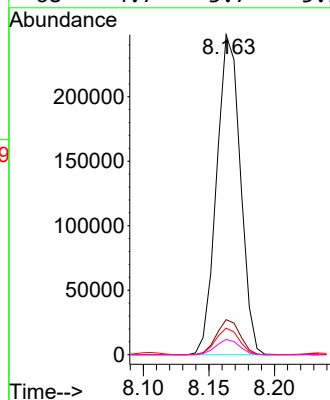
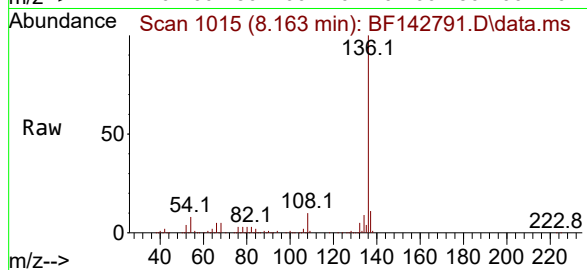
Ion Ratio Lower Upper

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

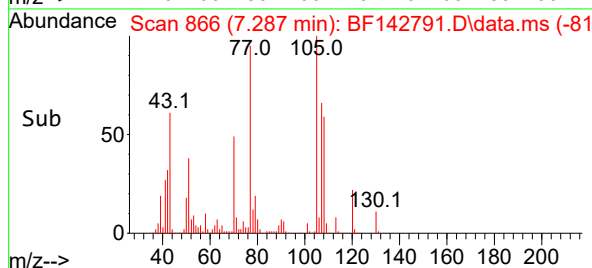
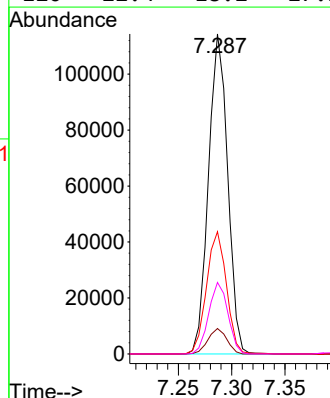
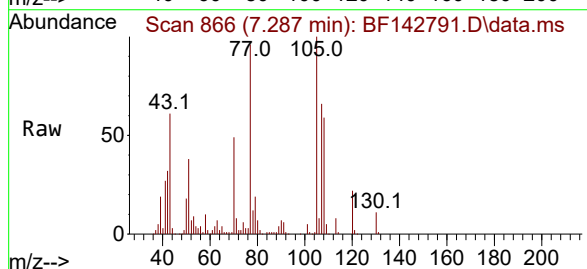
Ion Ratio Lower Upper

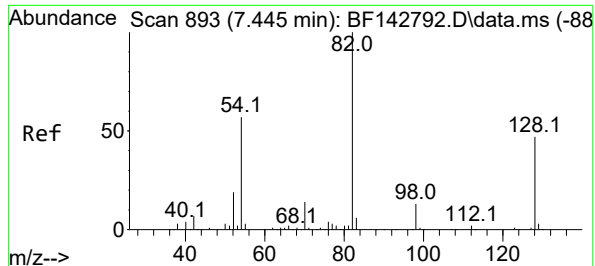
105 100

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

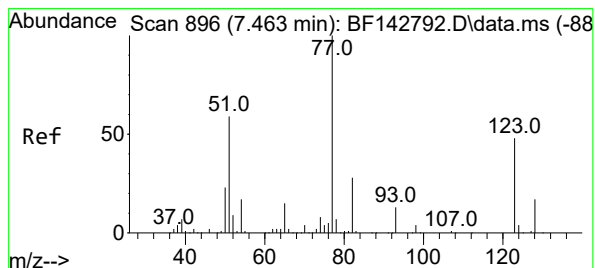
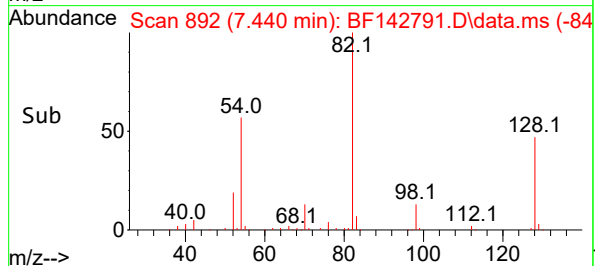
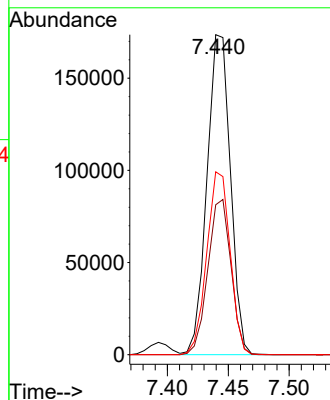
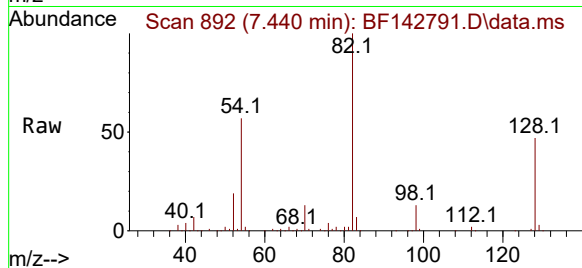
Tgt Ion: 82 Resp: 233268

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

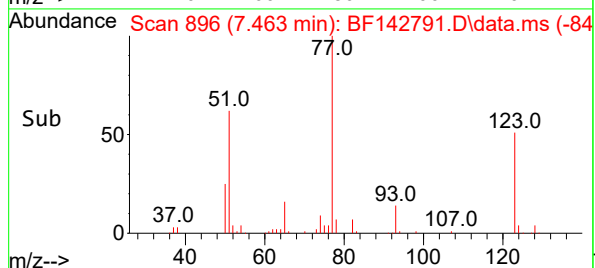
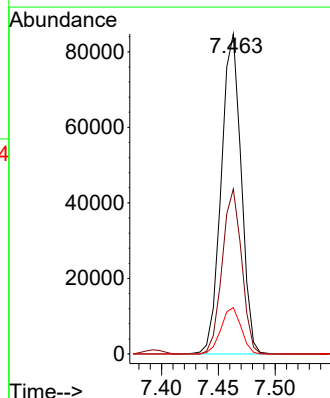
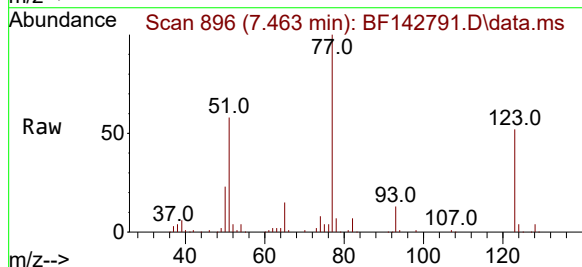
Tgt Ion: 77 Resp: 103569

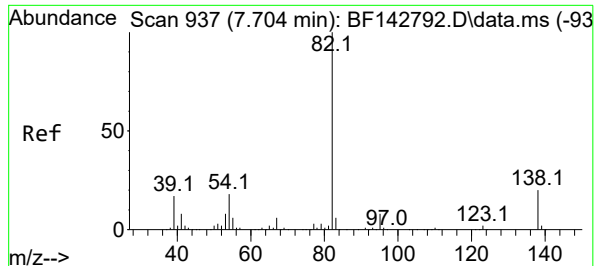
Ion Ratio Lower Upper

77 100

123 51.6 39.2 58.8

65 14.5 11.6 17.4

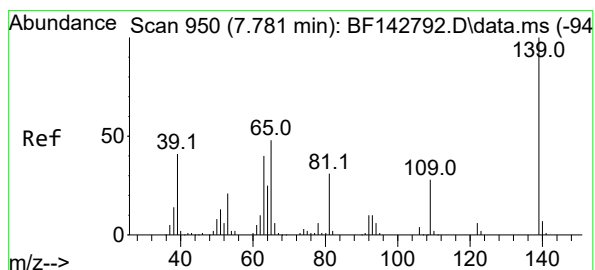
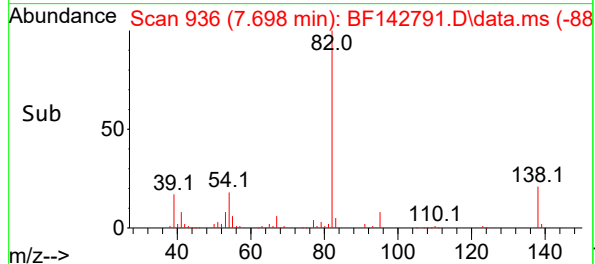
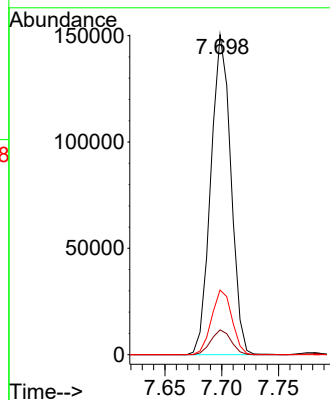
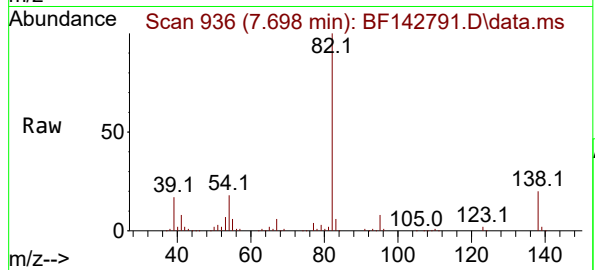




#25
Isophorone
Concen: 19.365 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

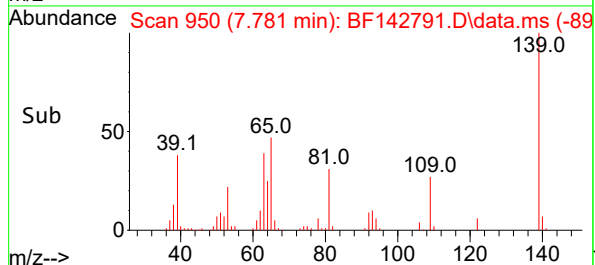
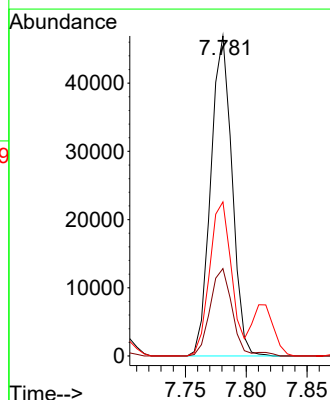
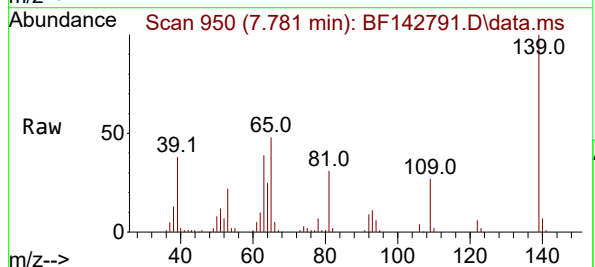
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

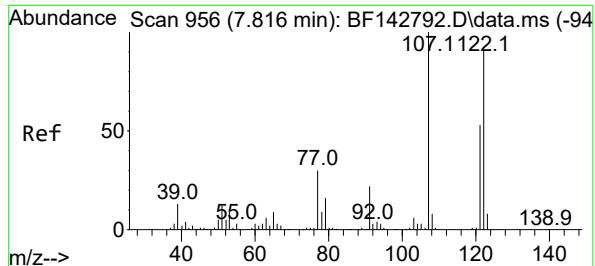
Tgt Ion: 82 Resp: 185071
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.2 16.2 24.4



#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

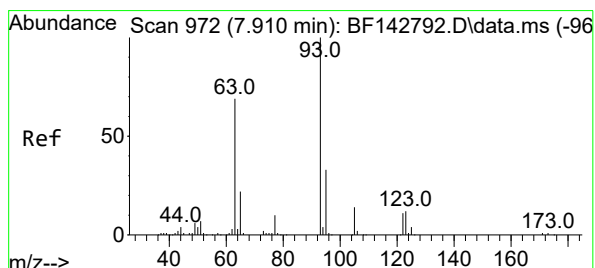
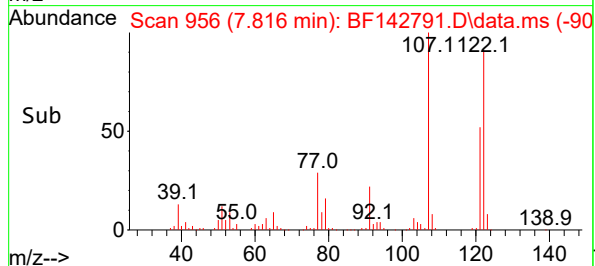
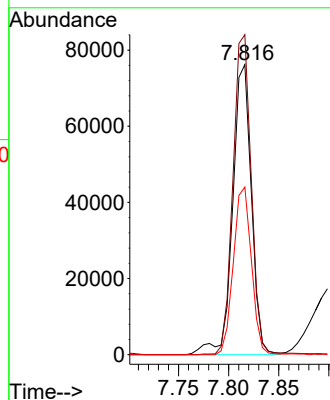
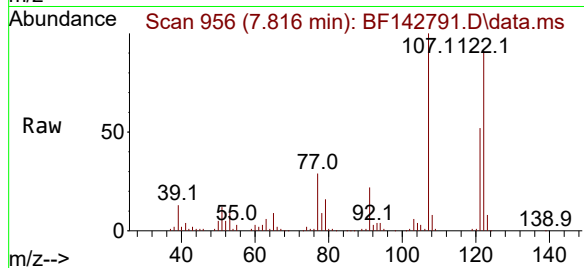
Tgt Ion:122 Resp: 99256

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

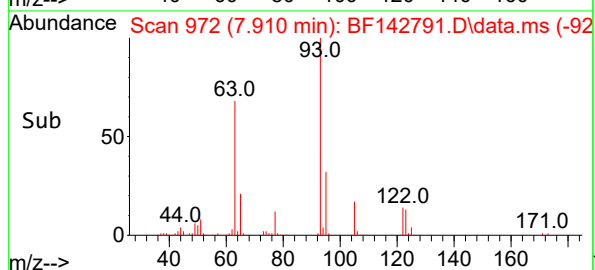
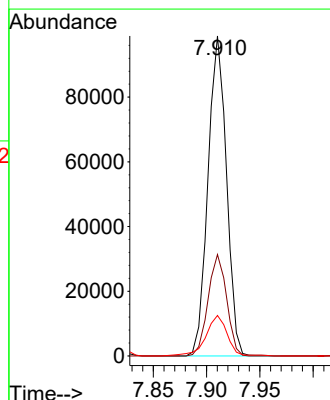
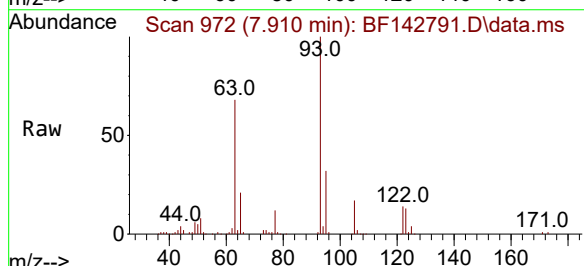
Tgt Ion: 93 Resp: 119505

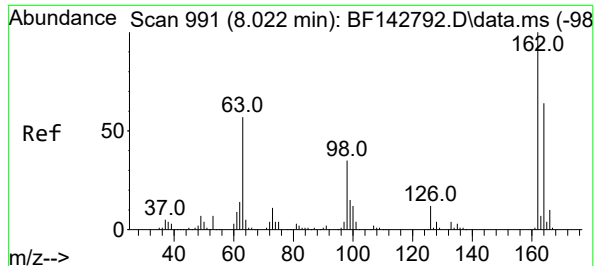
Ion Ratio Lower Upper

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

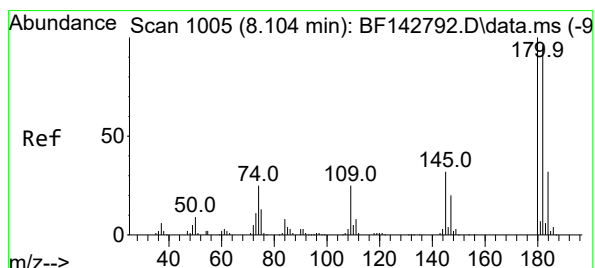
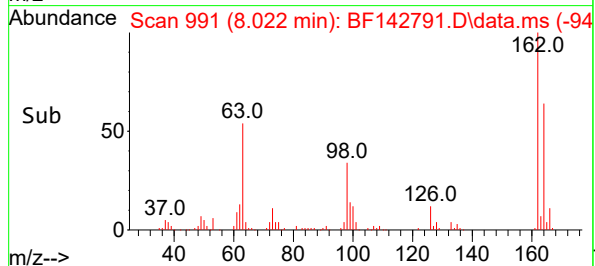
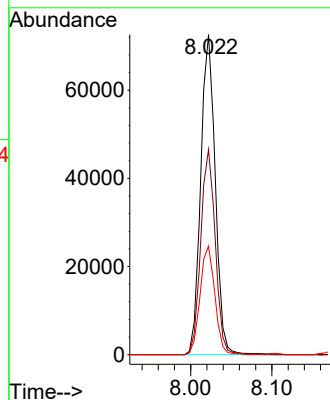
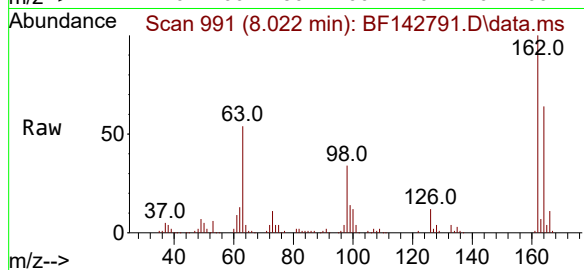
Tgt Ion:162 Resp: 90497

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

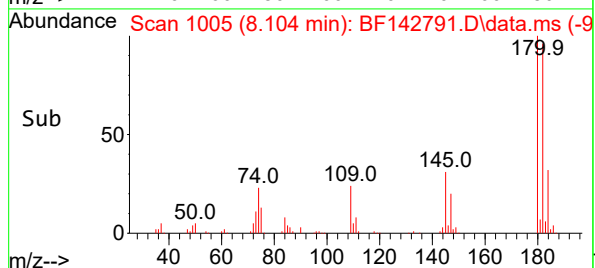
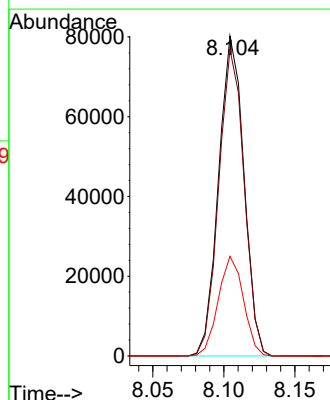
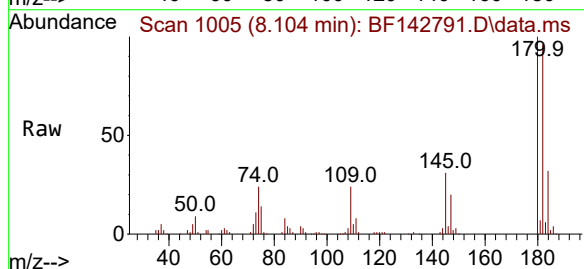
Tgt Ion:180 Resp: 99320

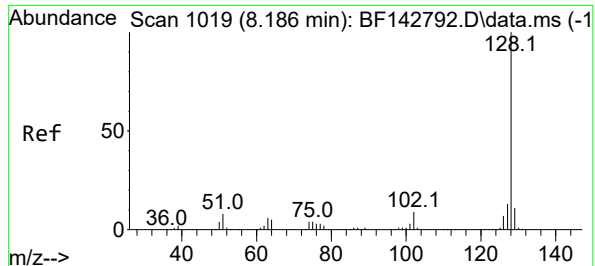
Ion Ratio Lower Upper

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

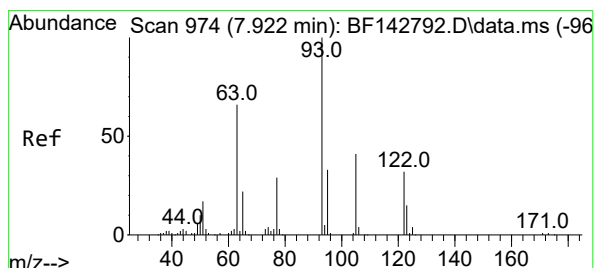
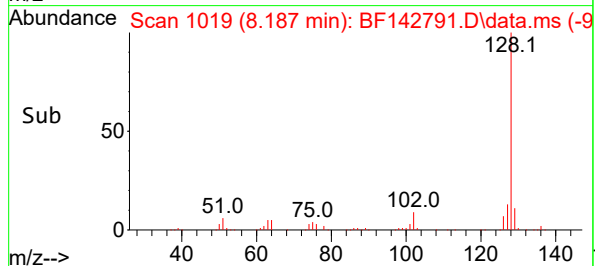
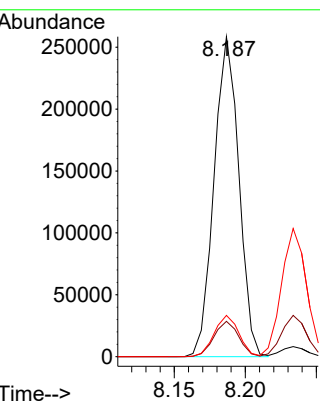
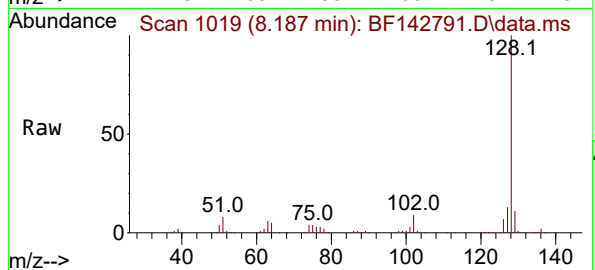
Tgt Ion:128 Resp: 313467

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

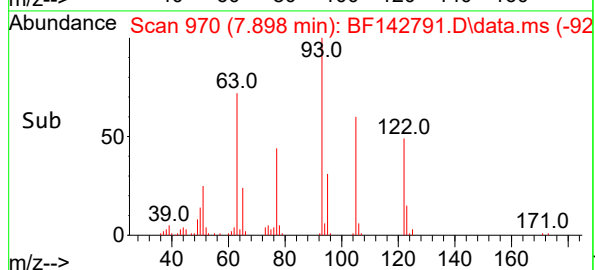
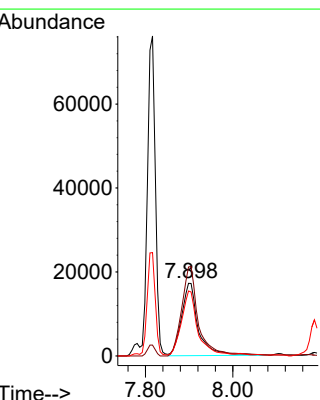
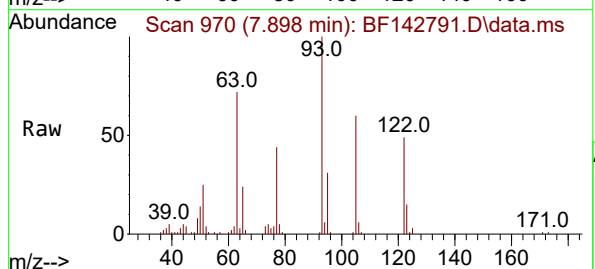
Tgt Ion:122 Resp: 45969

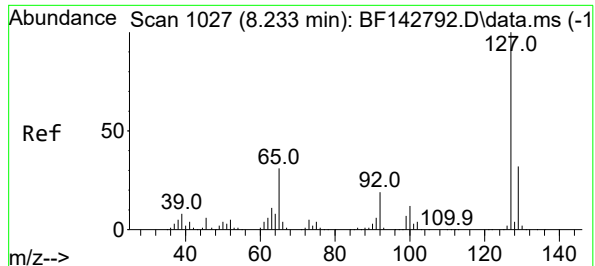
Ion Ratio Lower Upper

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

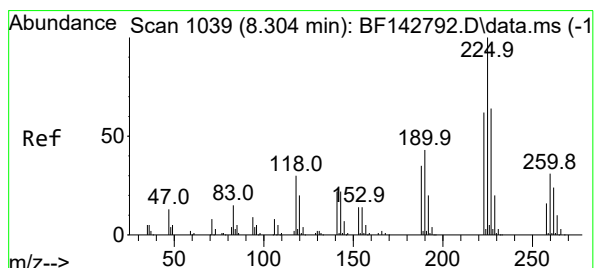
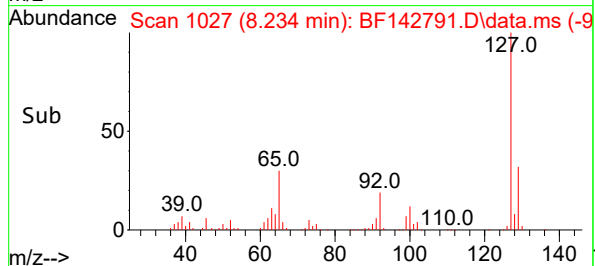
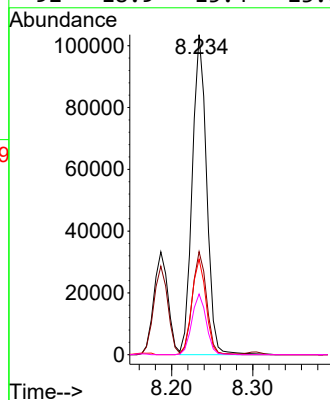
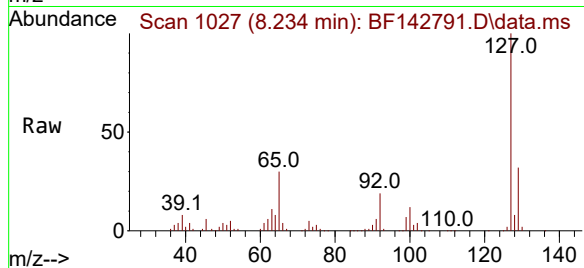
Ion Ratio Lower Upper

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

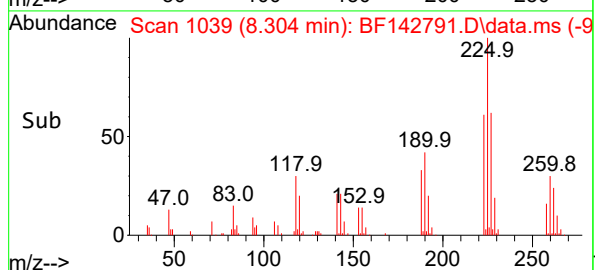
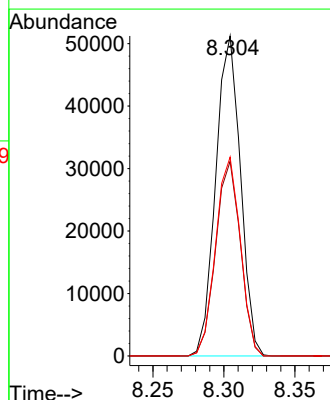
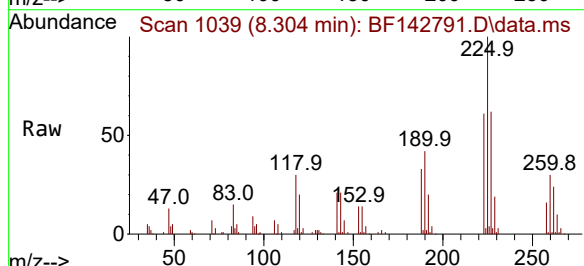
Tgt Ion:225 Resp: 61994

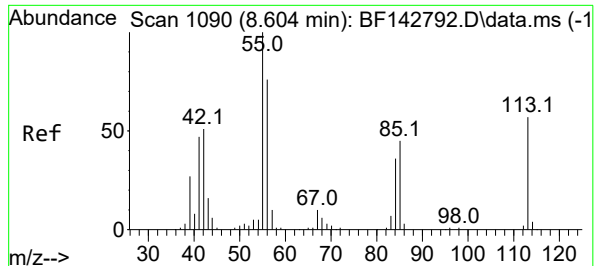
Ion Ratio Lower Upper

225 100

223 60.8 49.9 74.9

227 62.2 51.4 77.0

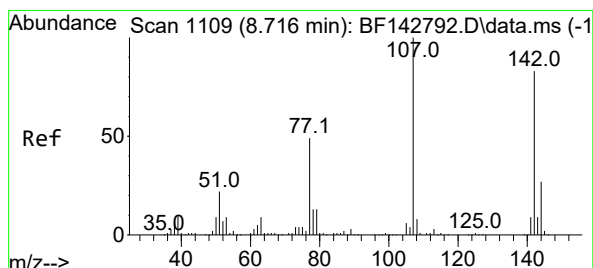
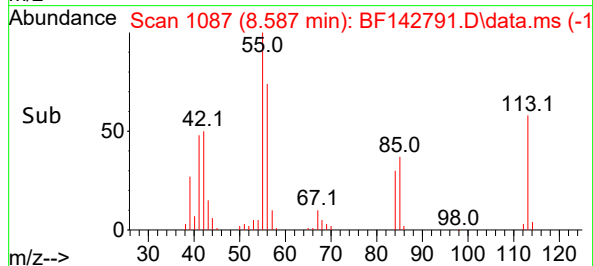
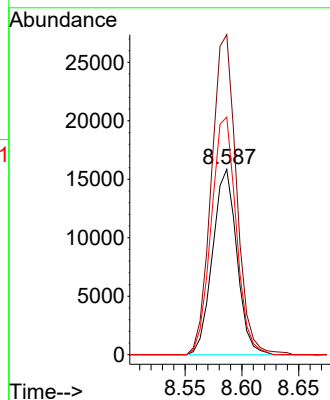
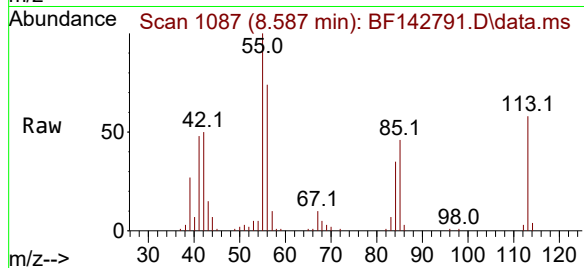




#35
Caprolactam
Concen: 19.769 ng
RT: 8.587 min Scan# 1108
Delta R.T. -0.017 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

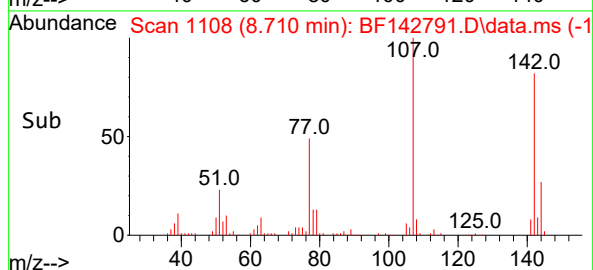
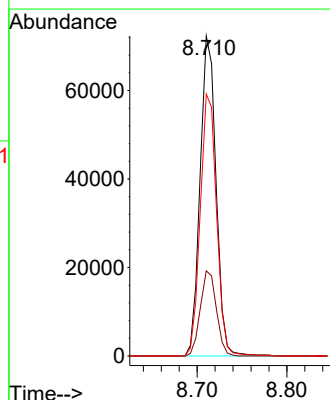
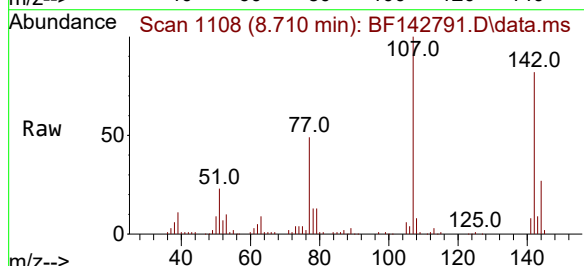
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

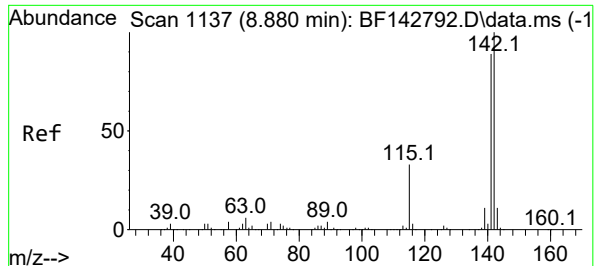
Tgt Ion:113 Resp: 23555
Ion Ratio Lower Upper
113 100
55 172.7 154.4 194.4
56 128.3 112.1 152.1



#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

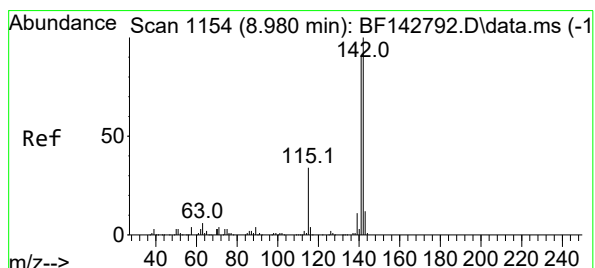
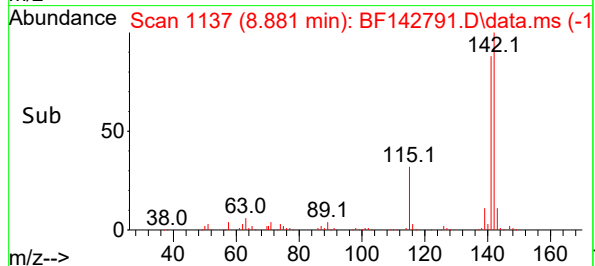
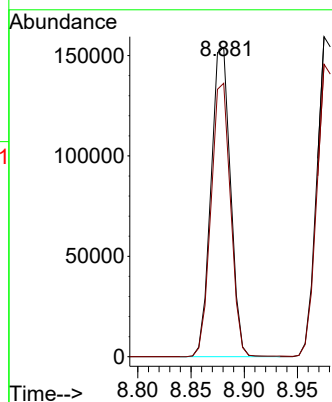
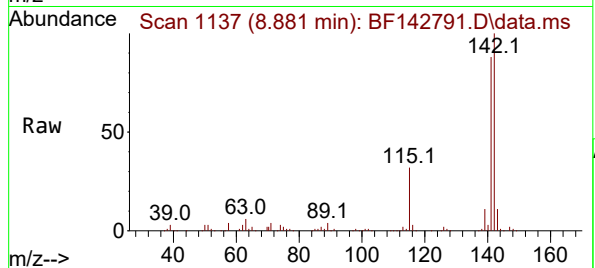




#37
2-Methylnaphthalene
Concen: 20.287 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

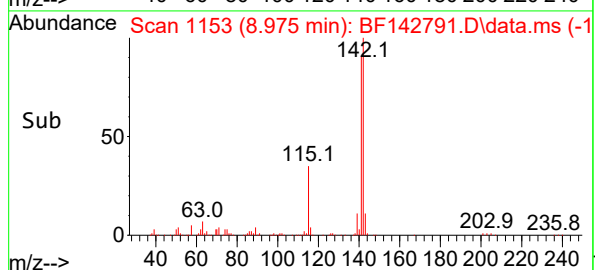
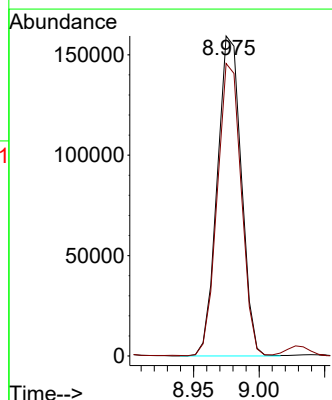
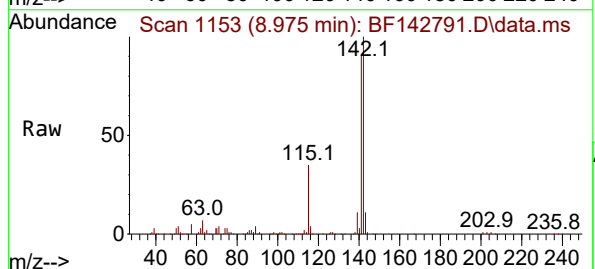
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

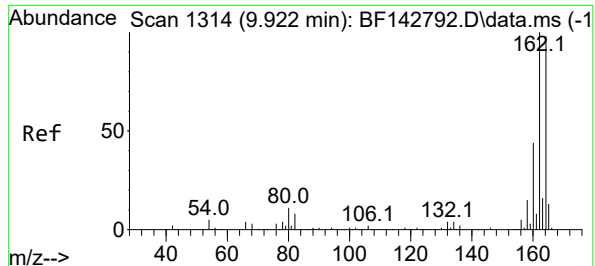
Tgt Ion:142 Resp: 196609
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#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

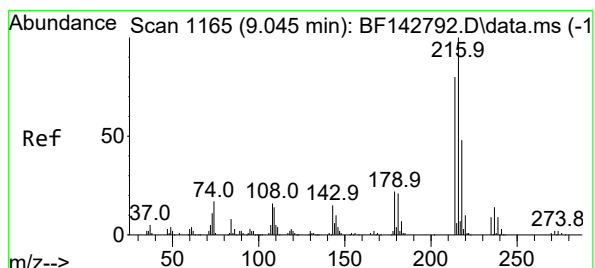
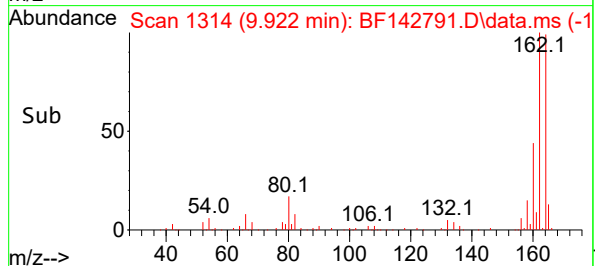
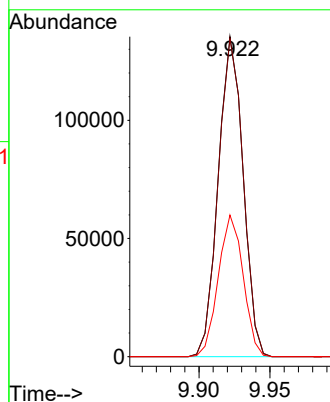
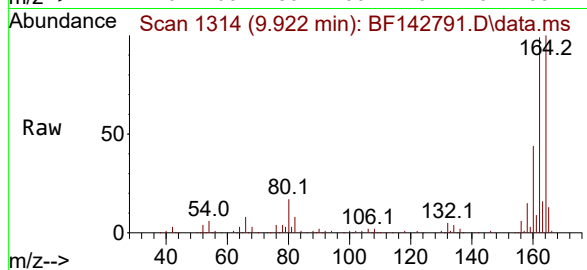
Tgt Ion:164 Resp: 164603

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

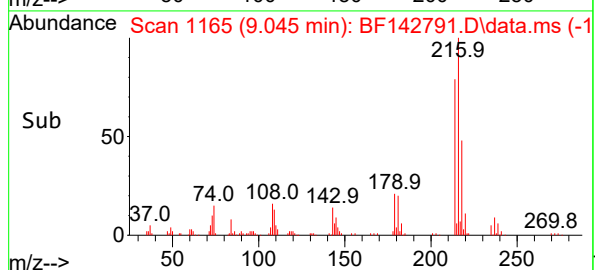
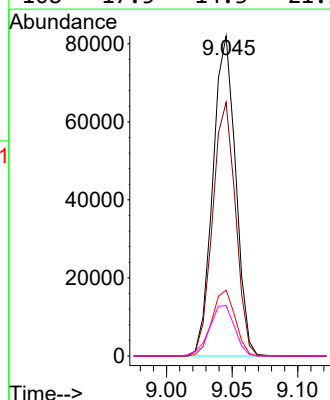
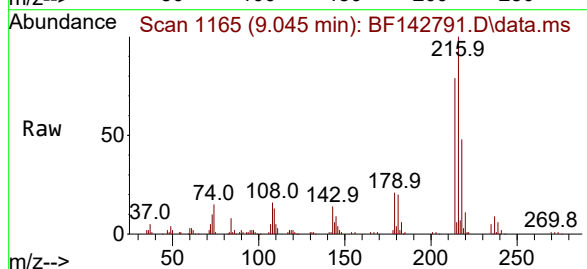
Ion Ratio Lower Upper

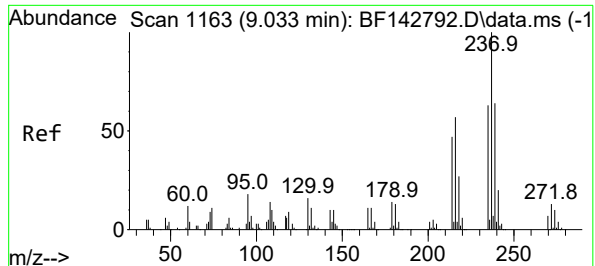
216 100

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

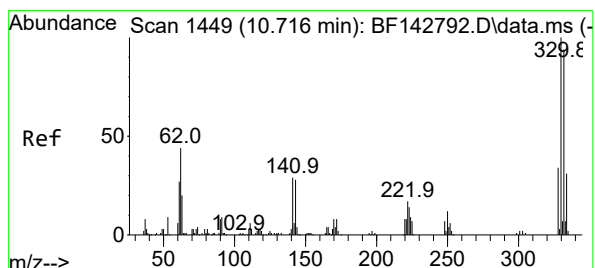
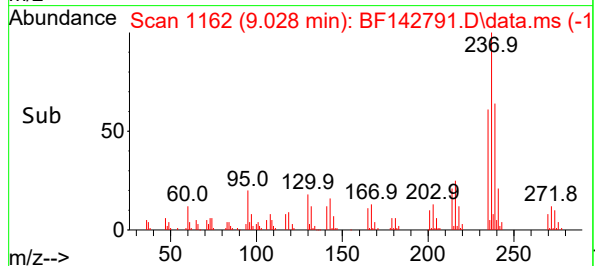
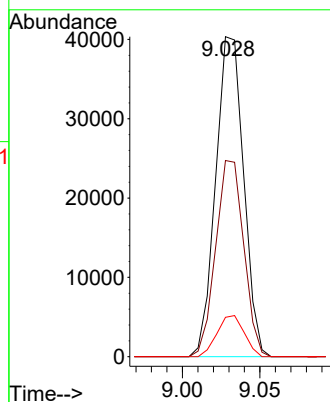
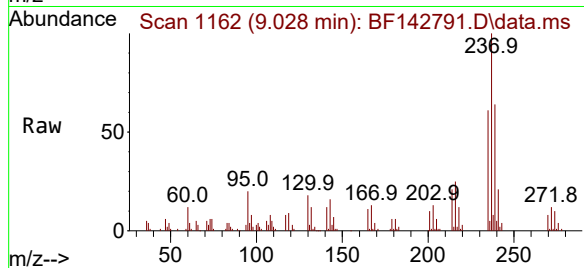
Tgt Ion:237 Resp: 50669

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

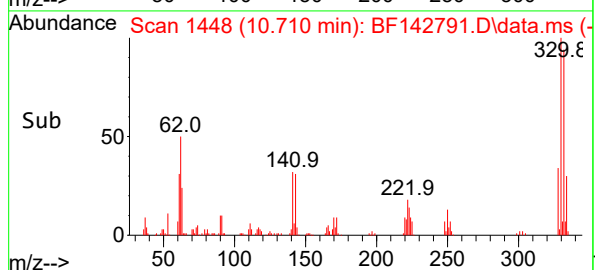
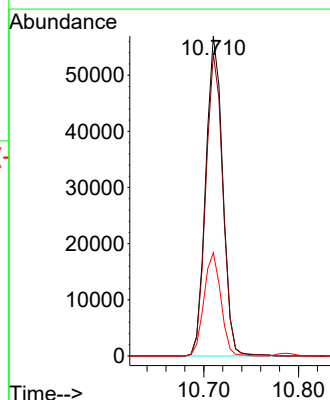
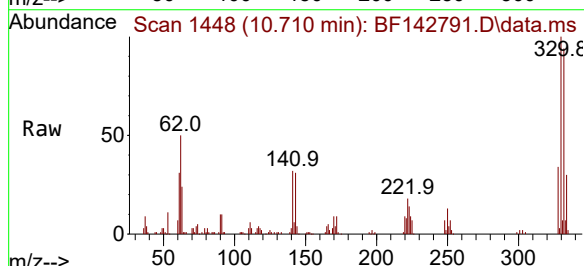
Tgt Ion:330 Resp: 70502

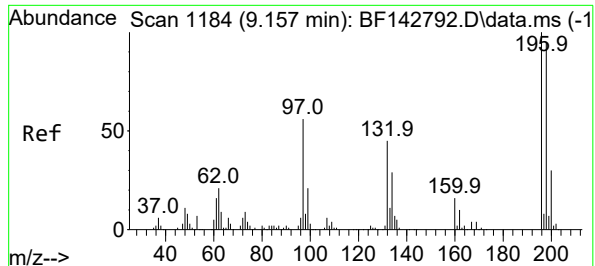
Ion Ratio Lower Upper

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

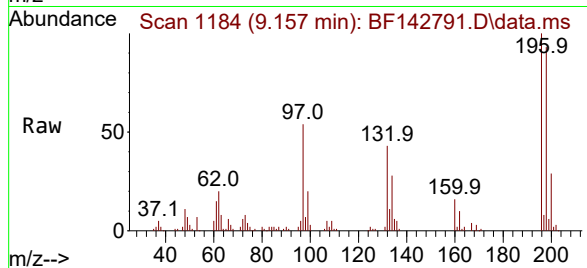
Acq: 19 Jun 2025 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



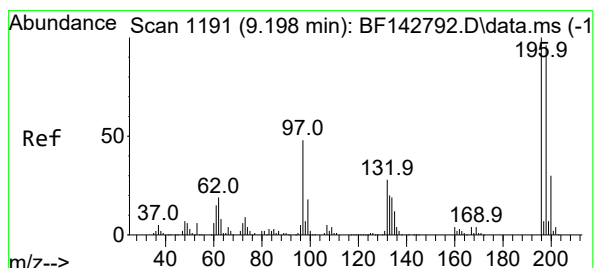
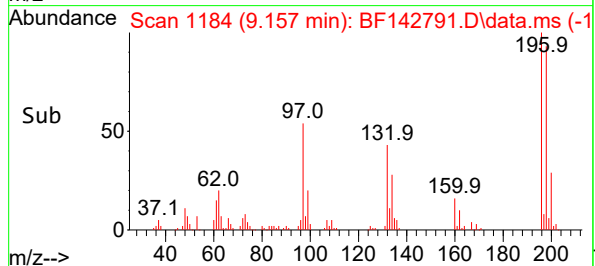
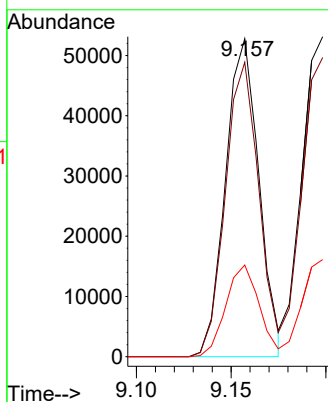
Tgt Ion:196 Resp: 64786

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

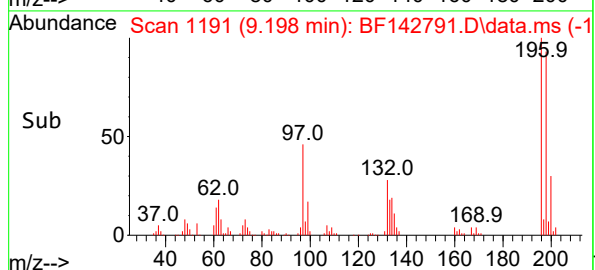
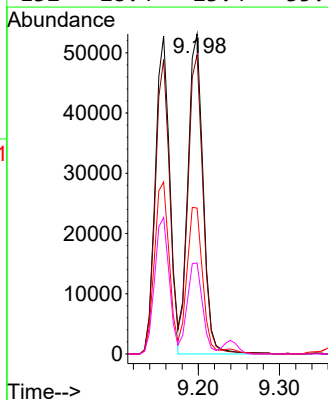
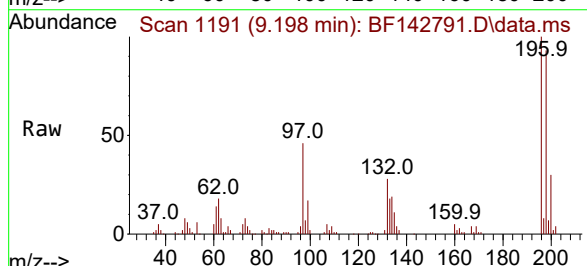
Ion Ratio Lower Upper

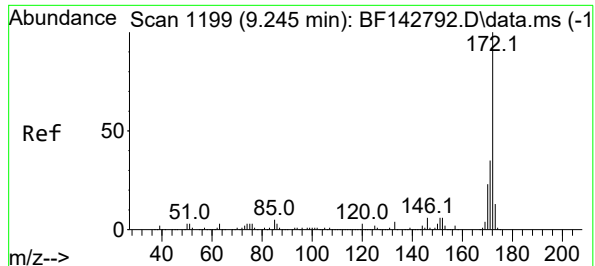
196 100

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

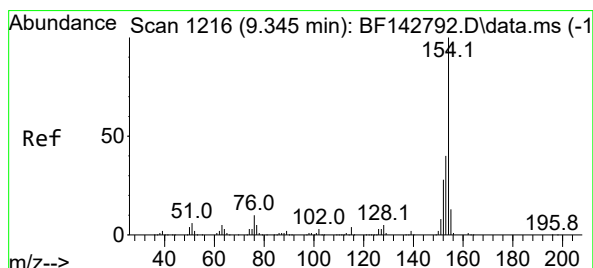
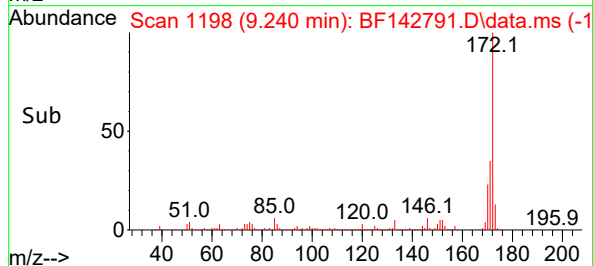
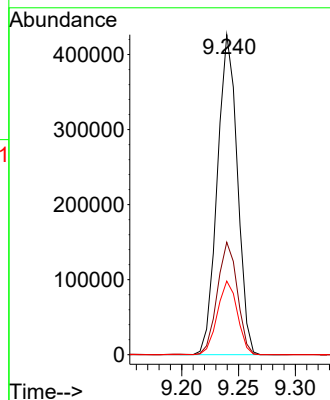
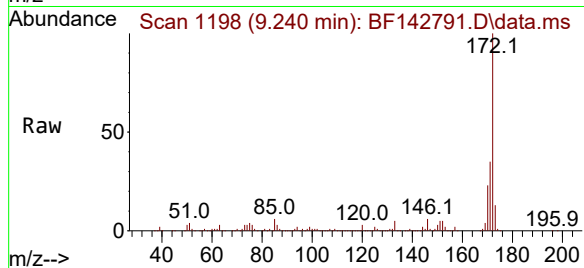
Tgt Ion:172 Resp: 524084

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

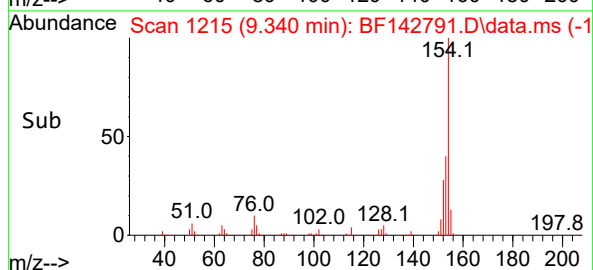
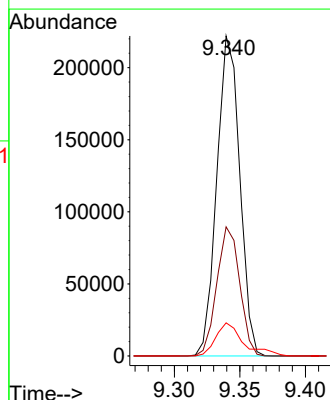
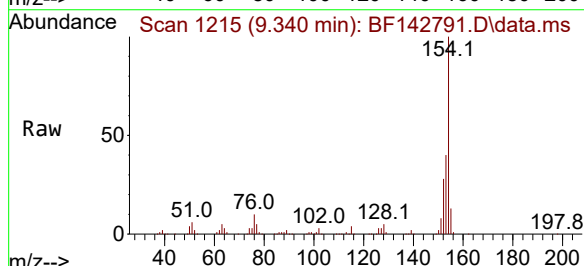
Tgt Ion:154 Resp: 269396

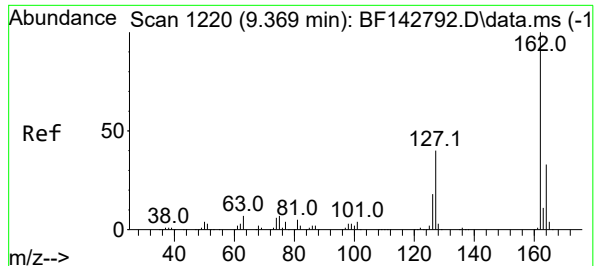
Ion Ratio Lower Upper

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

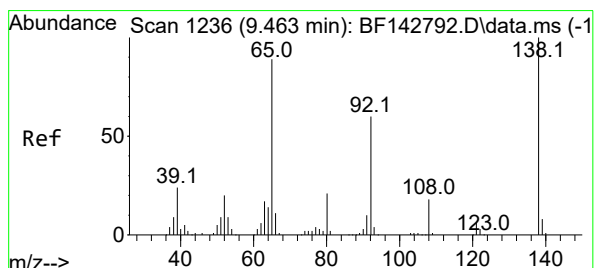
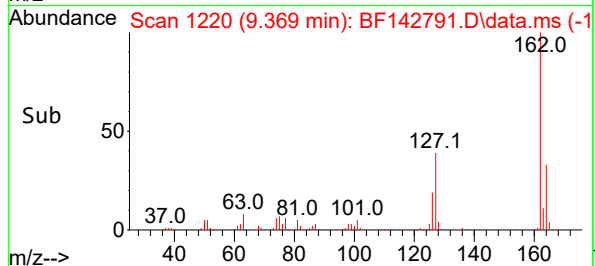
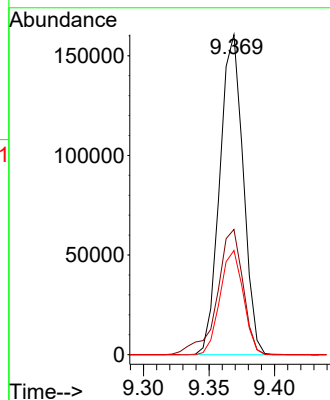
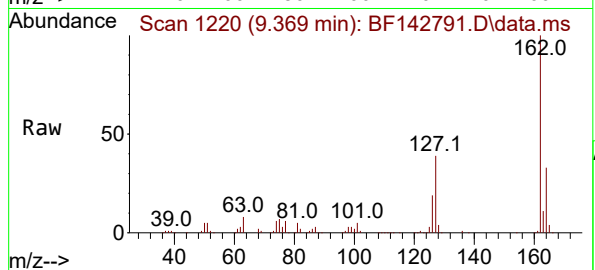
Tgt Ion:162 Resp: 198874

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

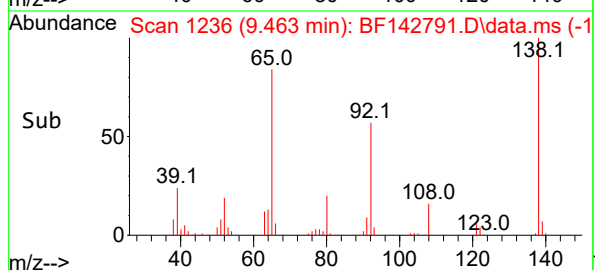
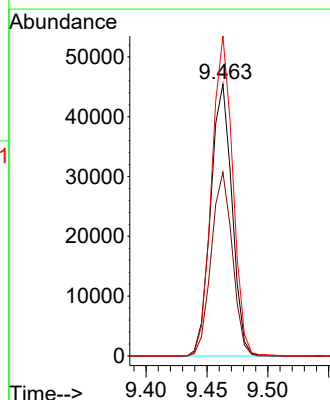
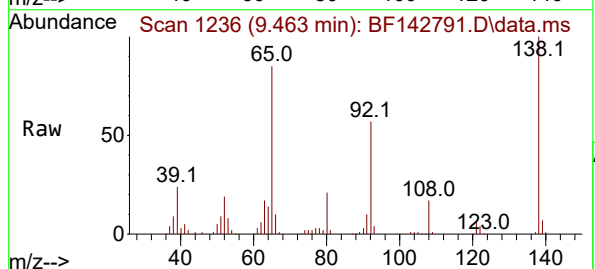
Tgt Ion: 65 Resp: 55412

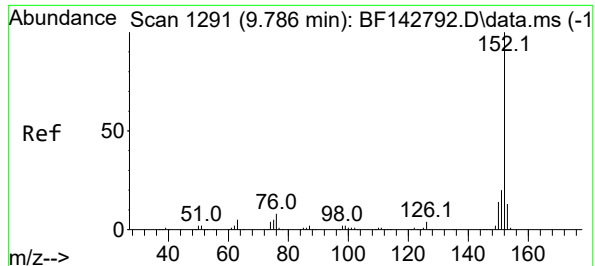
Ion Ratio Lower Upper

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 :

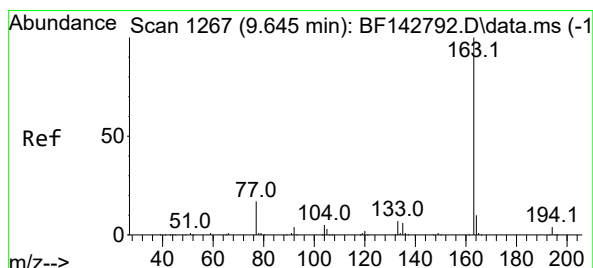
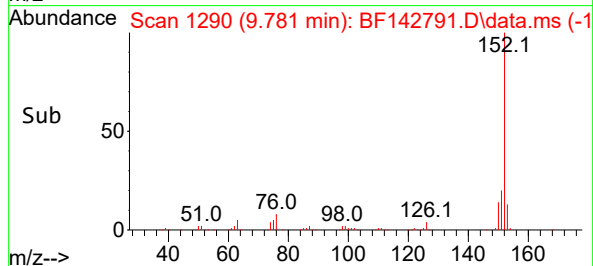
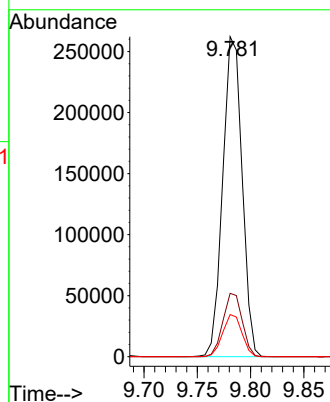
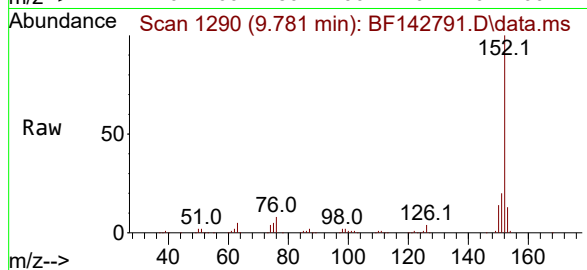
BNA_F

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

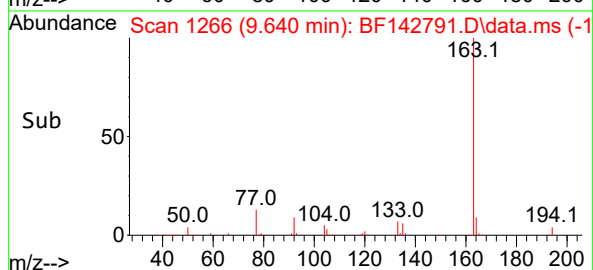
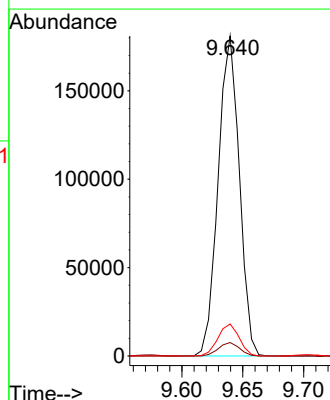
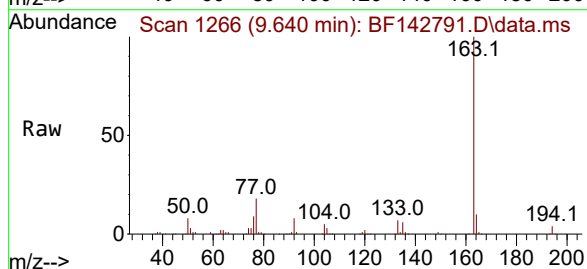
Delta R.T. -0.006 min

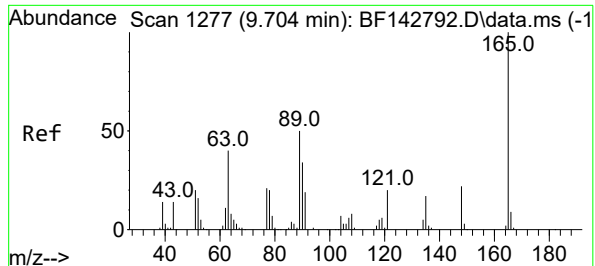
Lab File: BF142791.D

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

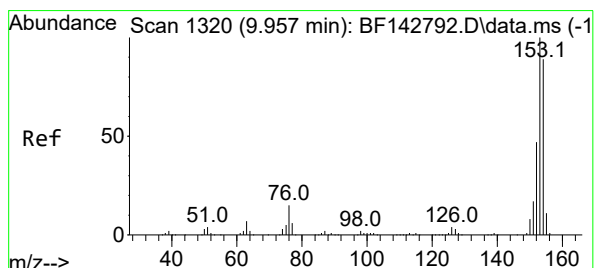
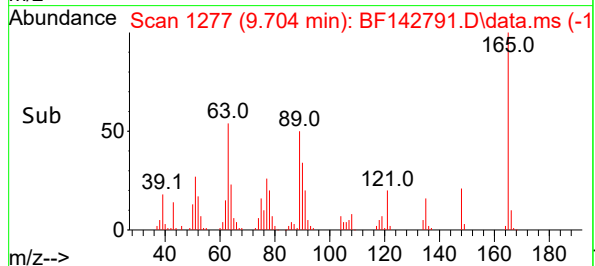
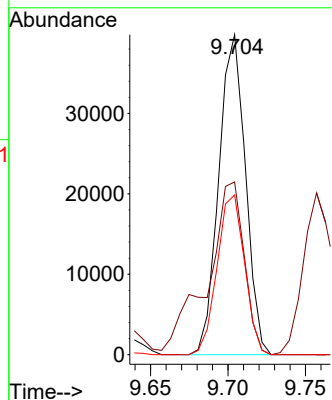
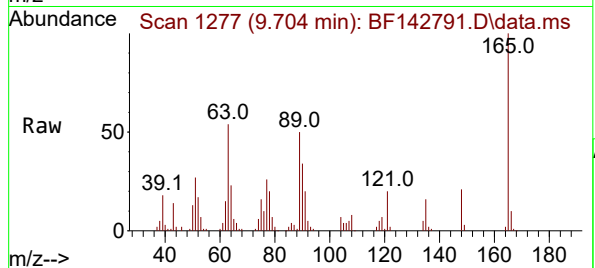




#51
2,6-Dinitrotoluene
Concen: 20.156 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

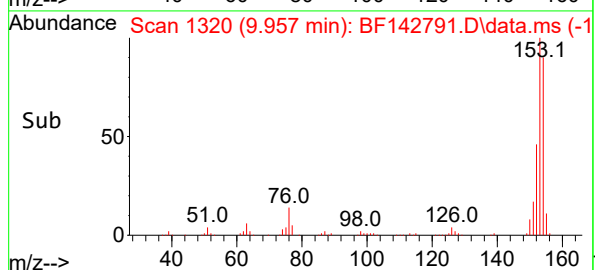
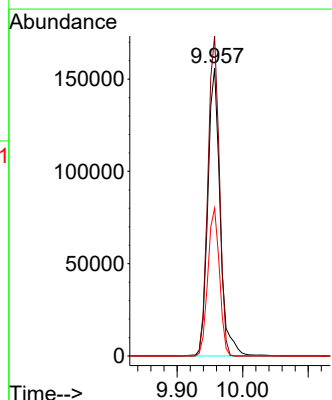
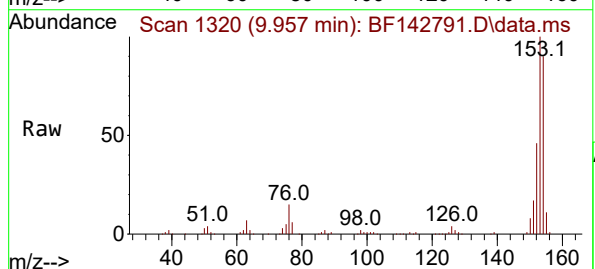
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

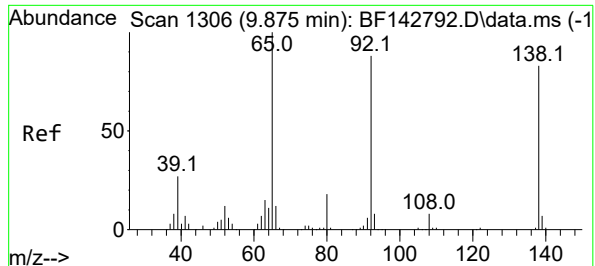
Tgt Ion:165 Resp: 47707
Ion Ratio Lower Upper
165 100
63 54.0 44.2 66.4
89 49.9 39.8 59.8



#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

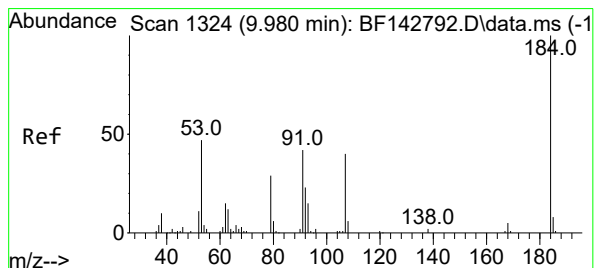
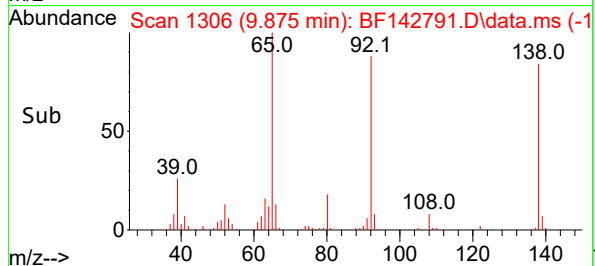
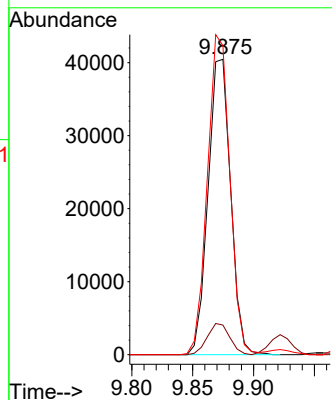
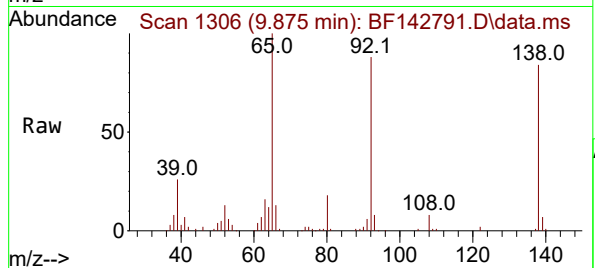
Tgt Ion:138 Resp: 52088

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

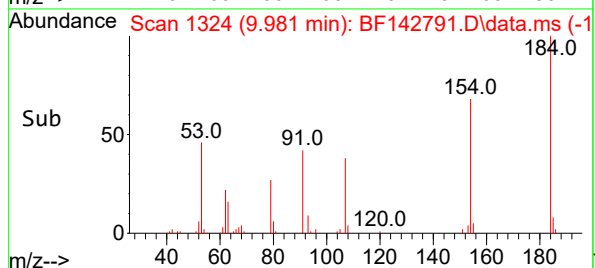
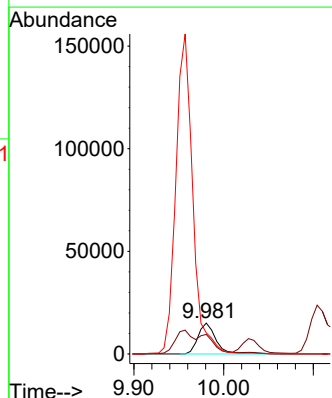
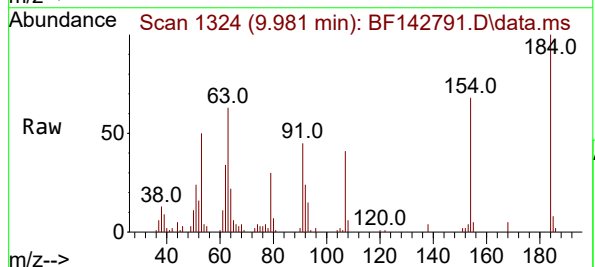
Tgt Ion:184 Resp: 21231

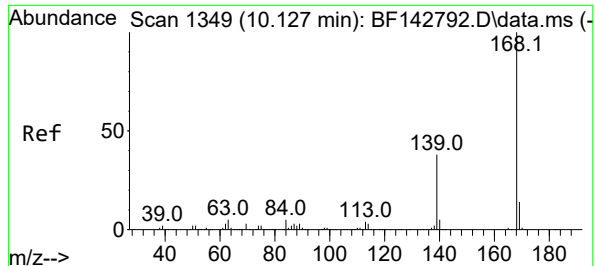
Ion Ratio Lower Upper

184 100

63 62.9 50.6 75.8

154 68.5 51.8 77.8

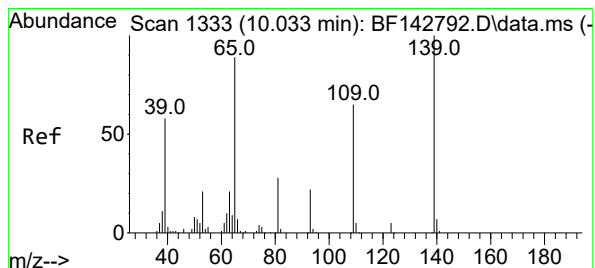
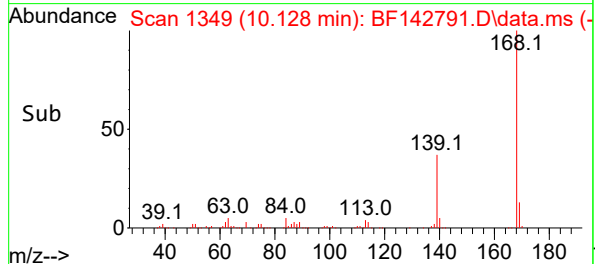
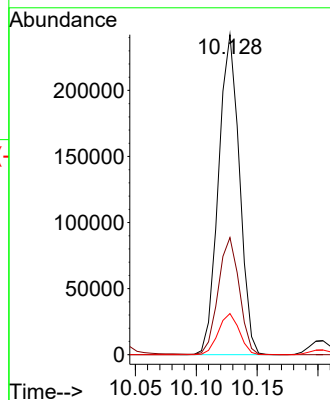
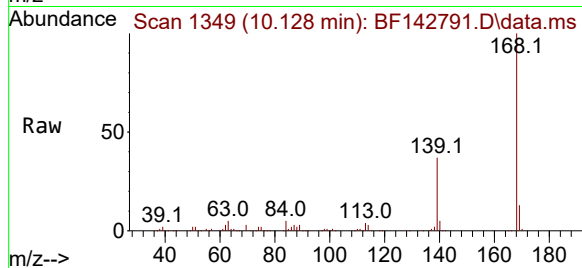




#55
Dibenzofuran
Concen: 20.736 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

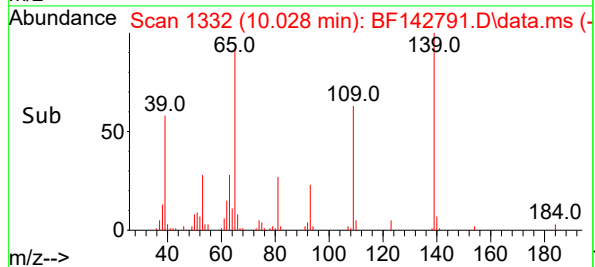
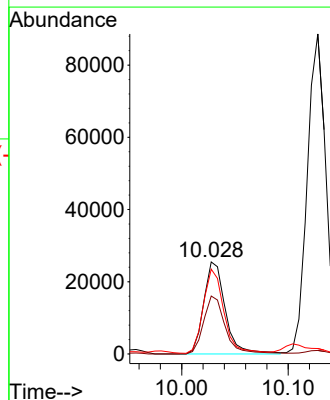
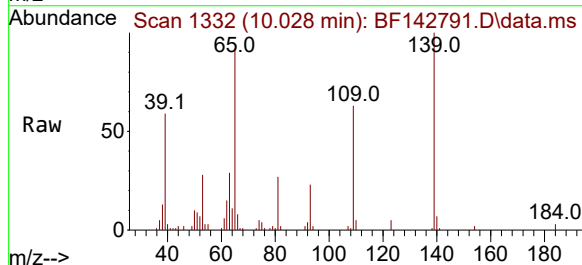
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

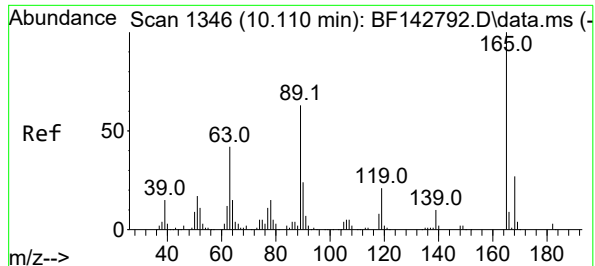
Tgt Ion:168 Resp: 290254
Ion Ratio Lower Upper
168 100
139 36.6 30.2 45.4
169 12.8 10.8 16.2



#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

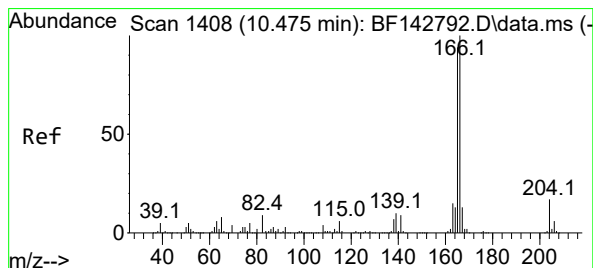
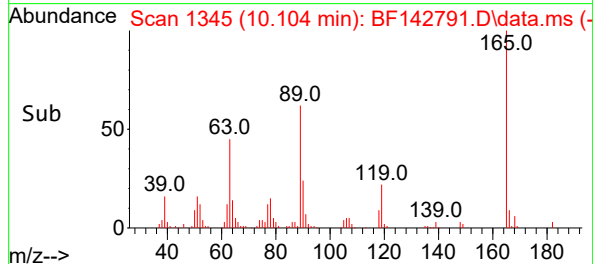
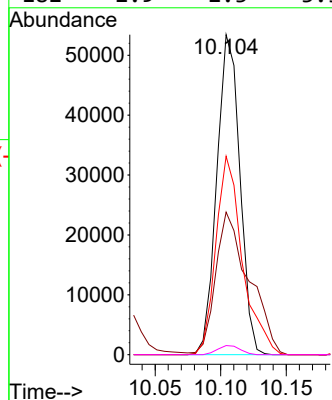
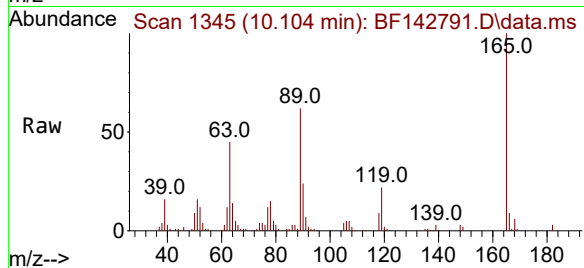




#57
2,4-Dinitrotoluene
Concen: 20.887 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

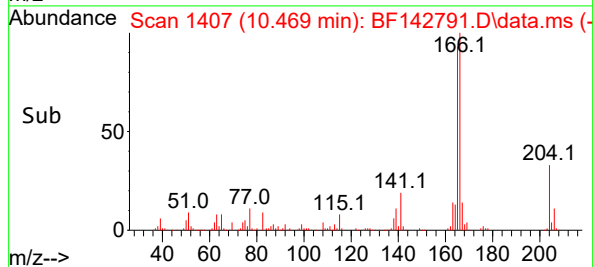
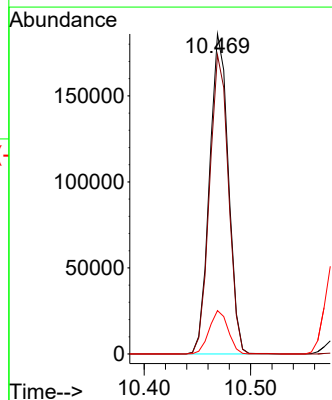
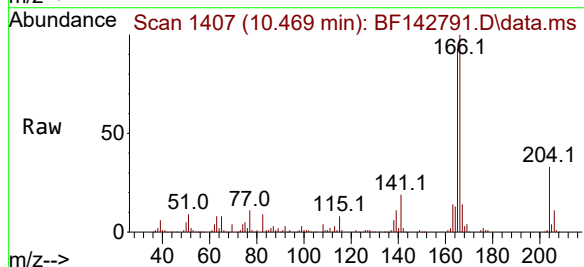
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

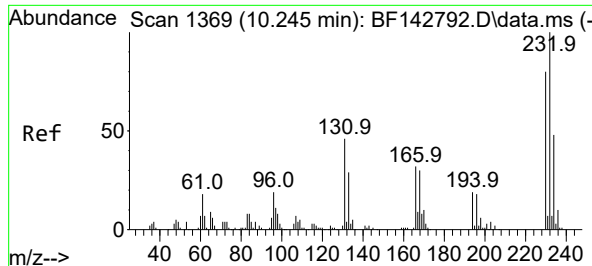
Tgt Ion:165 Resp: 65367
Ion Ratio Lower Upper
165 100
63 44.5 33.9 50.9
89 62.0 50.6 75.8
182 2.9 2.3 3.5



#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

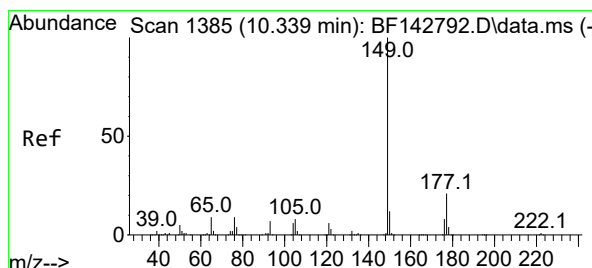
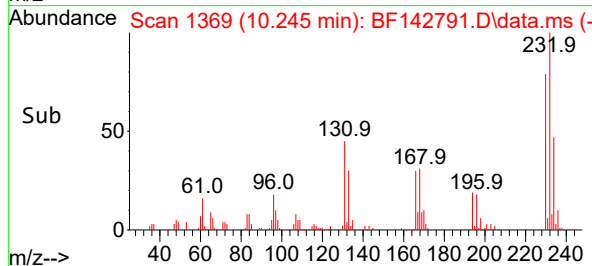
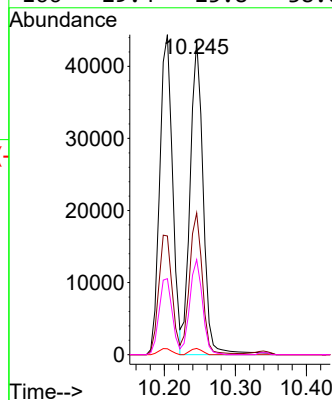
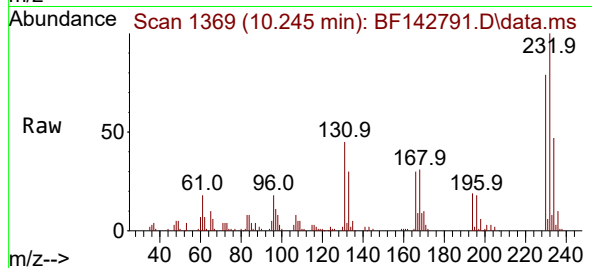




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.042 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

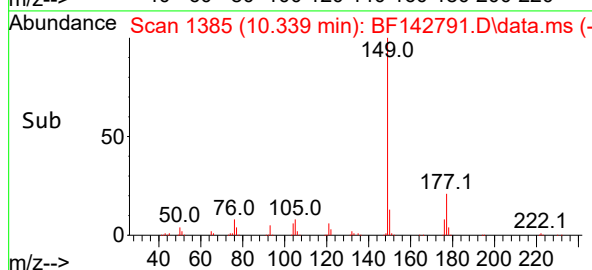
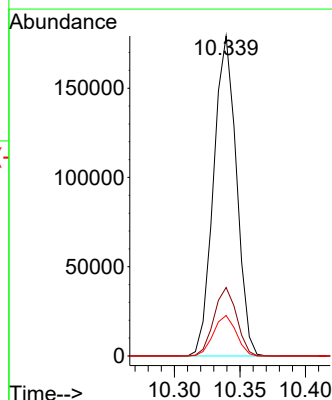
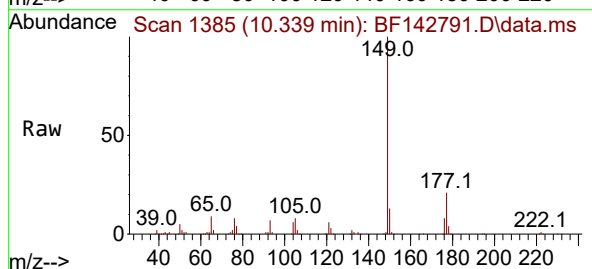
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

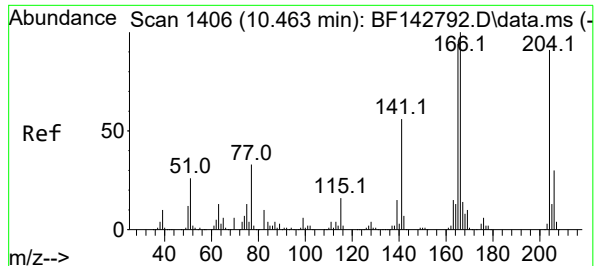
Tgt Ion:232 Resp: 55799
Ion Ratio Lower Upper
232 100
131 44.3 37.6 56.4
130 1.8 1.7 2.5
166 29.4 25.8 38.6



#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

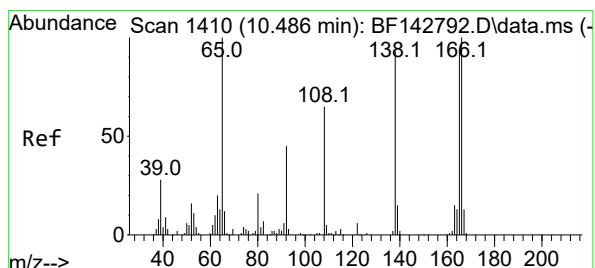
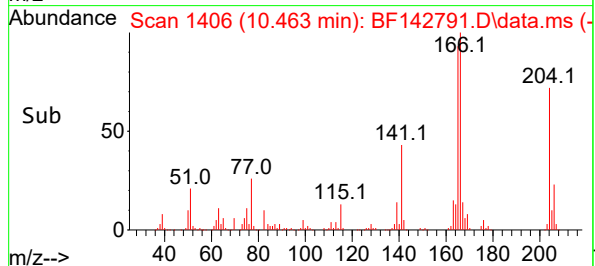
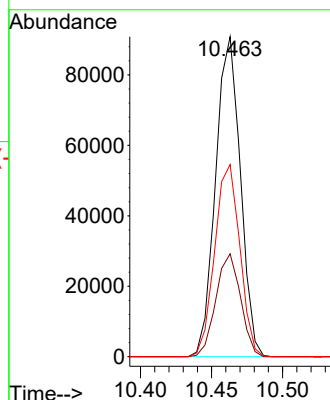
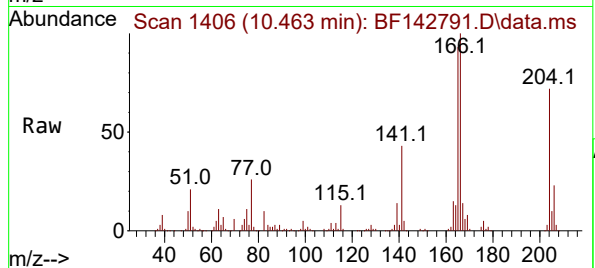




#61
4-Chlorophenyl-phenylether
Concen: 20.526 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

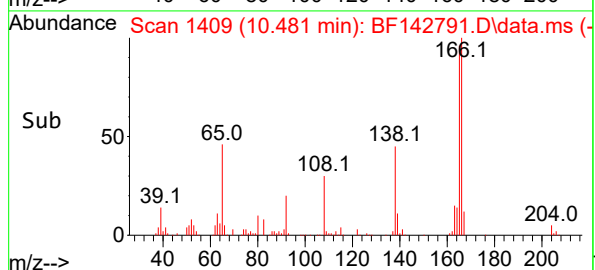
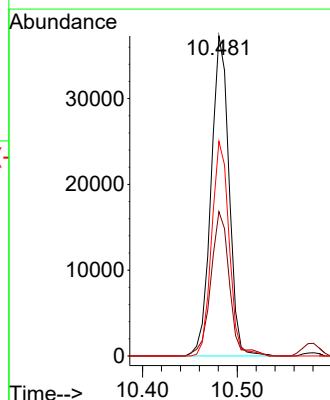
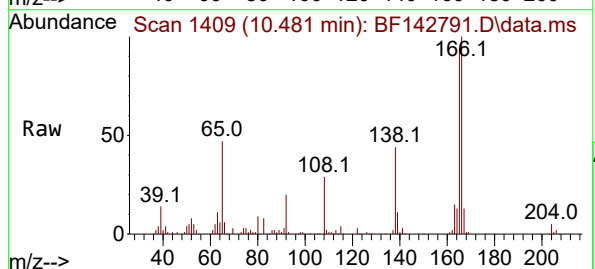
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

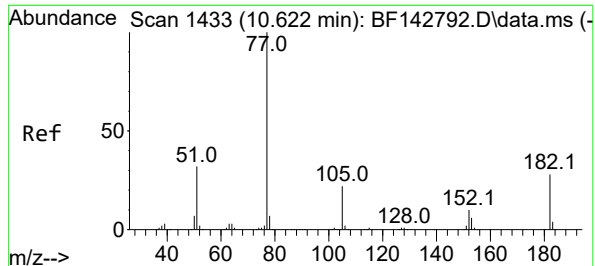
Tgt Ion:204 Resp: 110133
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 60.1 49.1 73.7



#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

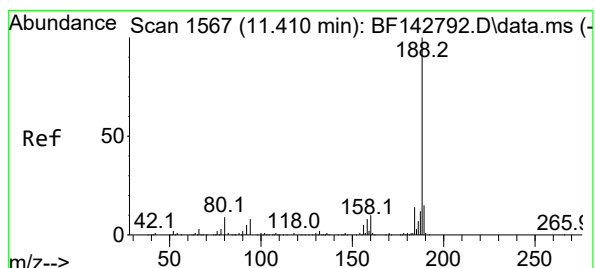
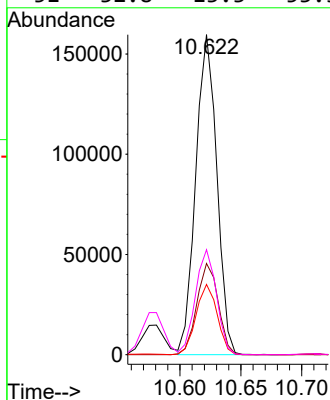
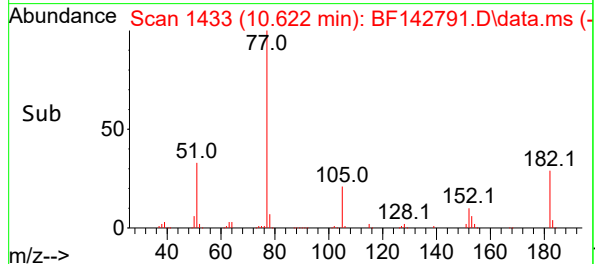
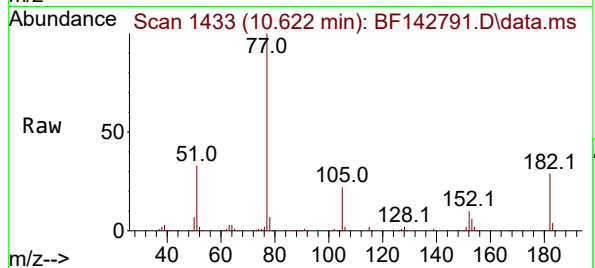




#63
Azobenzene
Concen: 20.263 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

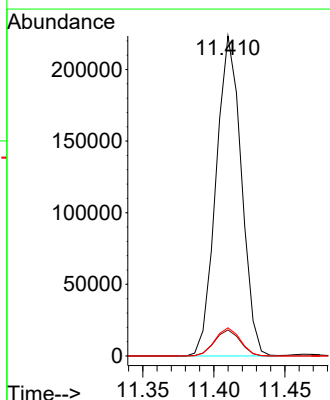
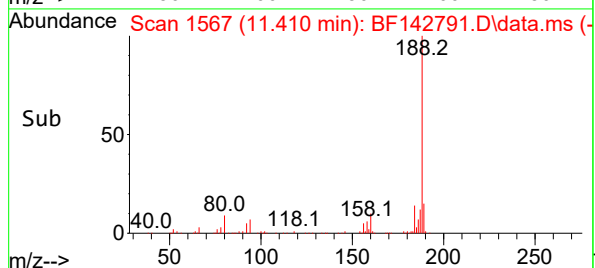
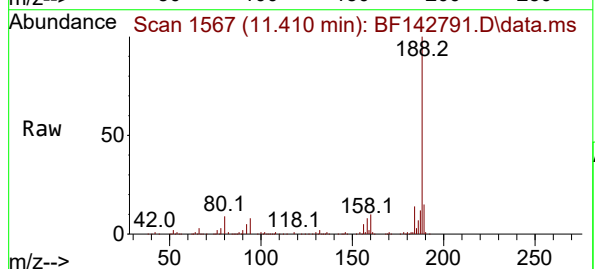
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

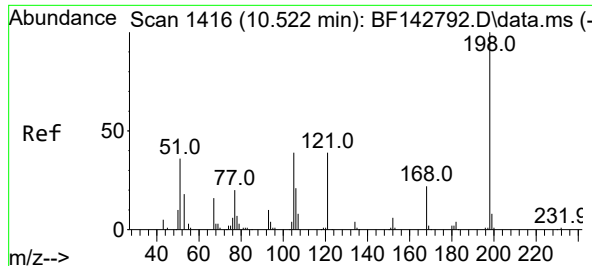
Tgt Ion: 77 Resp: 192057
Ion Ratio Lower Upper
77 100
182 28.5 7.7 47.7
105 22.0 1.9 41.9
51 32.8 13.3 53.3



#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: 188 Resp: 277149
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.8 6.9 10.3

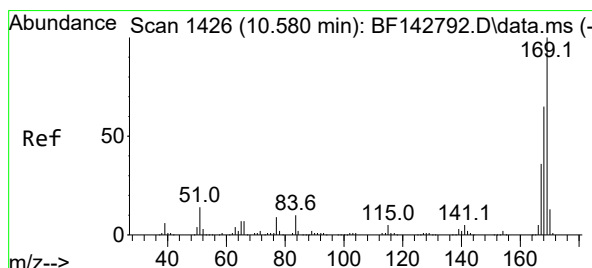
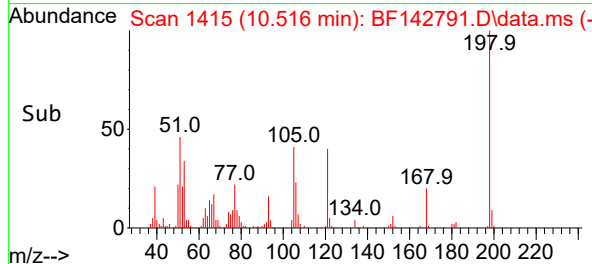
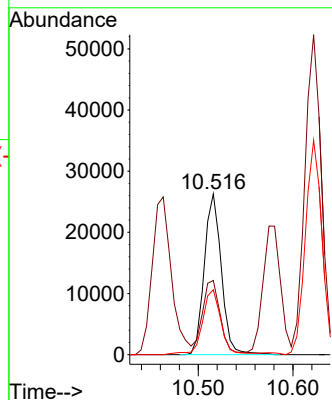
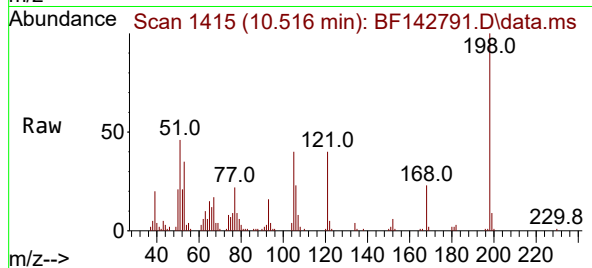




#65
4,6-Dinitro-2-methylphenol
Concen: 19.130 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

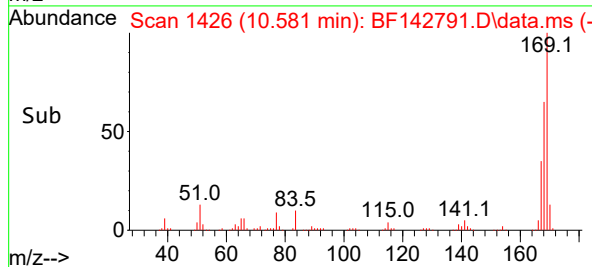
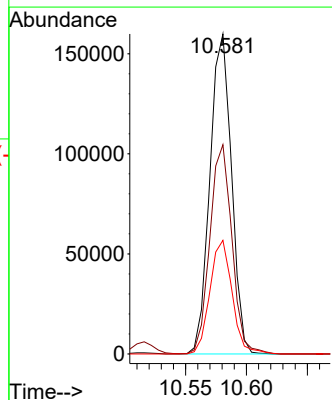
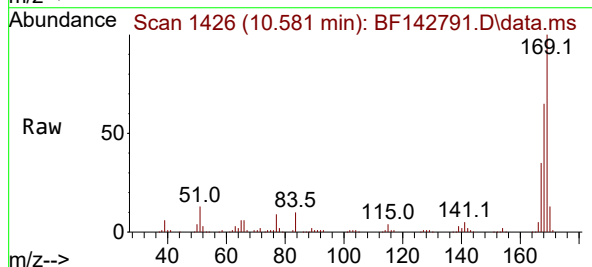
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

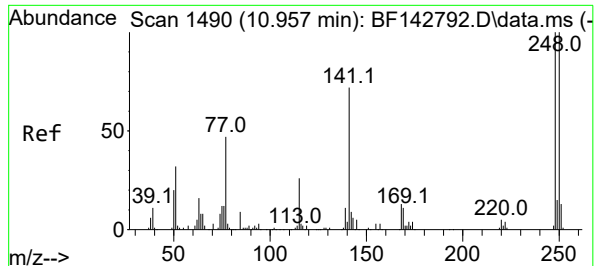
Tgt Ion:198 Resp: 32946
Ion Ratio Lower Upper
198 100
51 46.2 25.4 65.4
105 40.4 20.4 60.4



#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

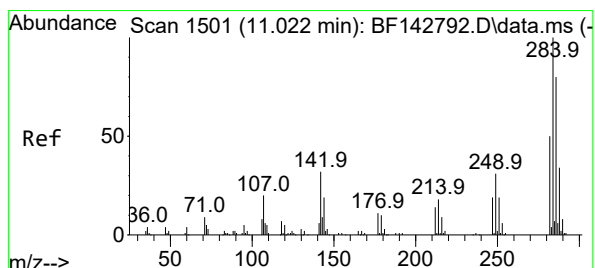
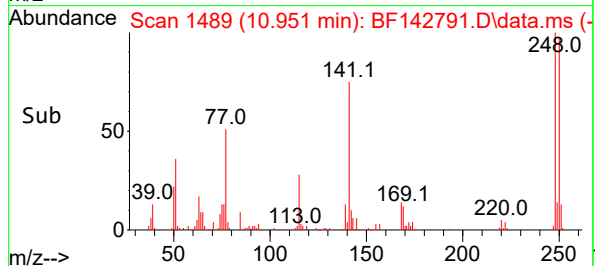
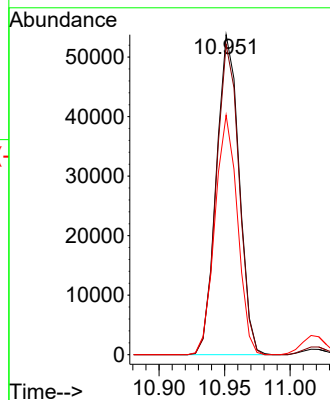
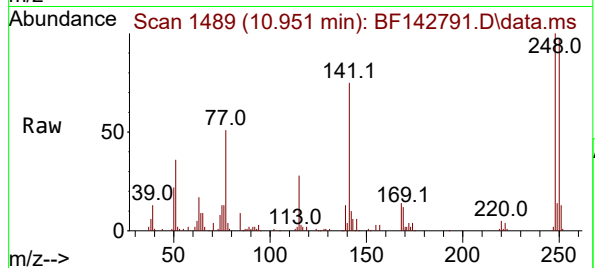




#67
4-Bromophenyl-phenylether
Concen: 20.068 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

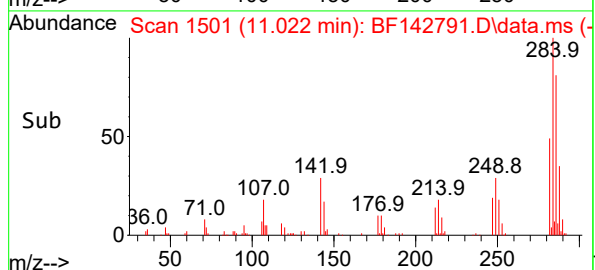
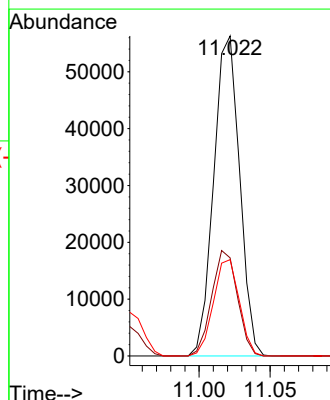
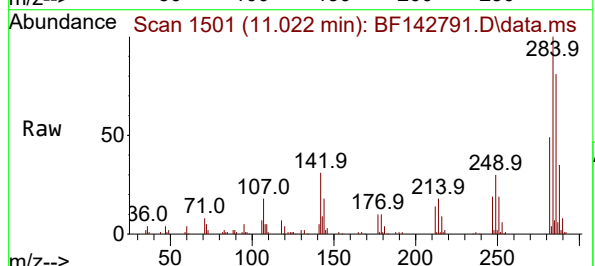
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

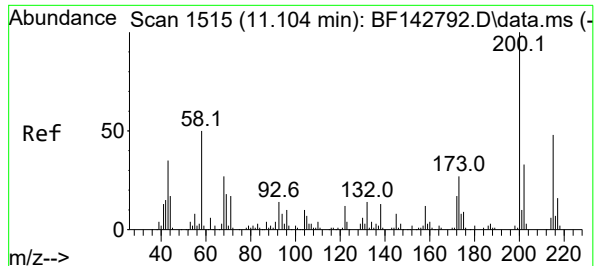
Tgt Ion:248 Resp: 65137
Ion Ratio Lower Upper
248 100
250 97.0 79.8 119.8
141 74.9 57.8 86.6



#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 :

SSTDICC020

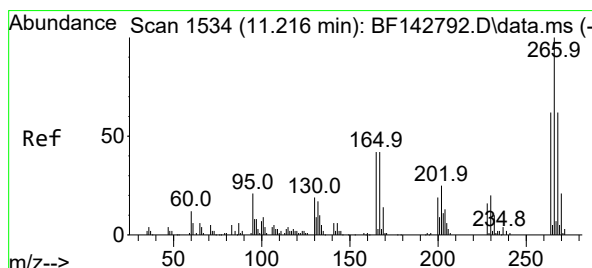
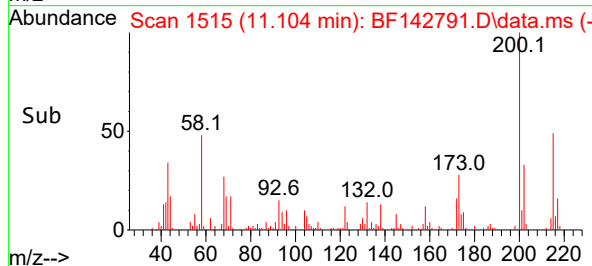
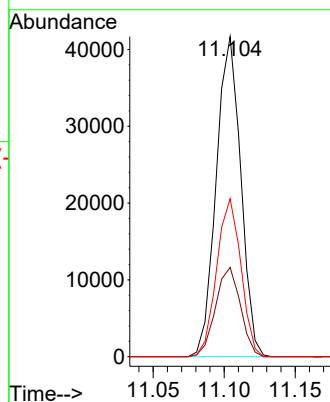
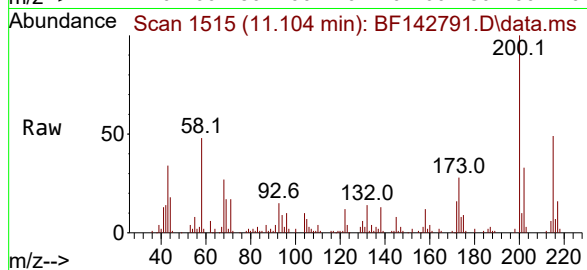
Tgt Ion:200 Resp: 49963

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

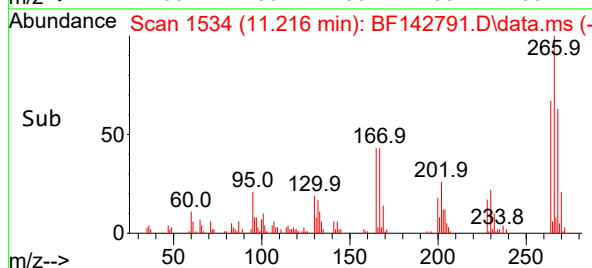
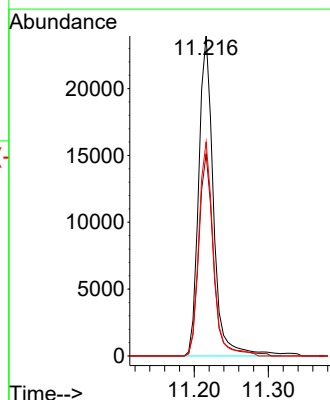
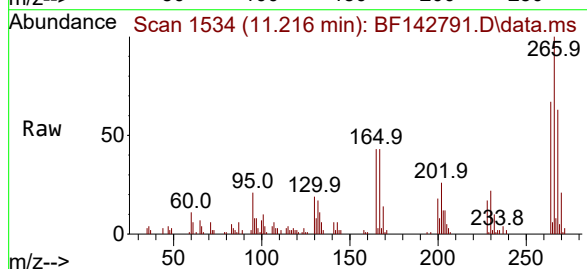
Tgt Ion:266 Resp: 33089

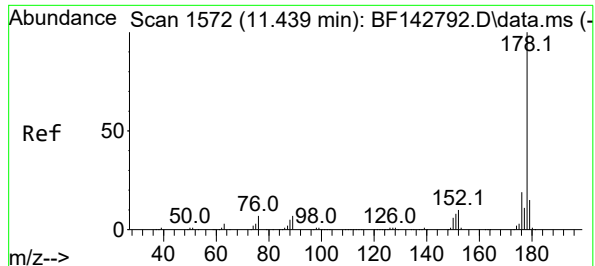
Ion Ratio Lower Upper

266 100

268 63.1 49.8 74.8

264 66.8 49.9 74.9

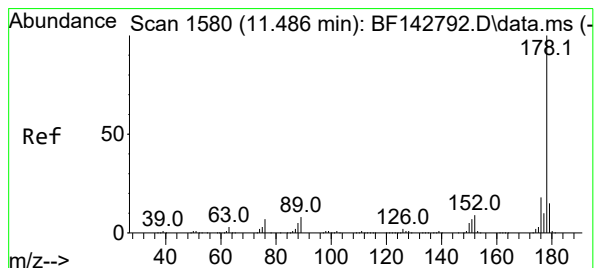
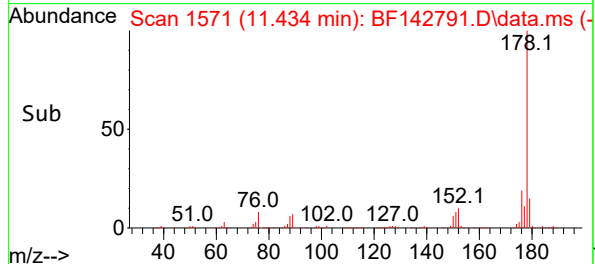
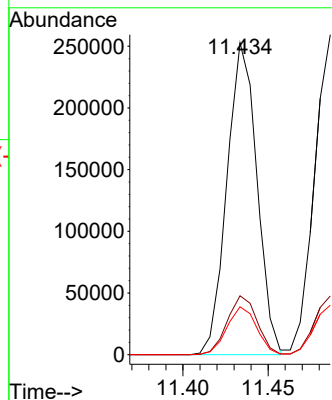
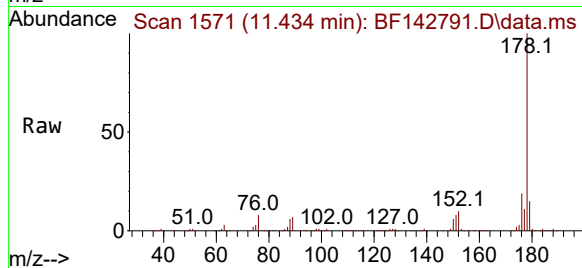




#71
Phenanthrene
Concen: 20.826 ng
RT: 11.434 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

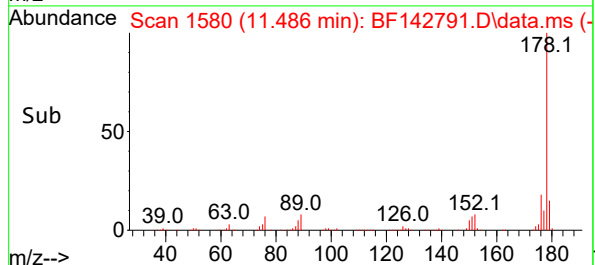
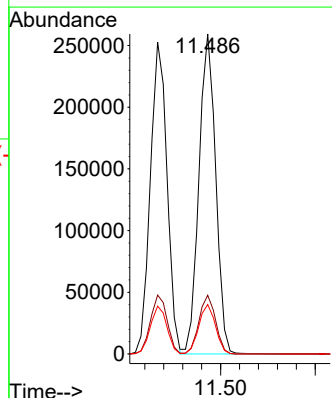
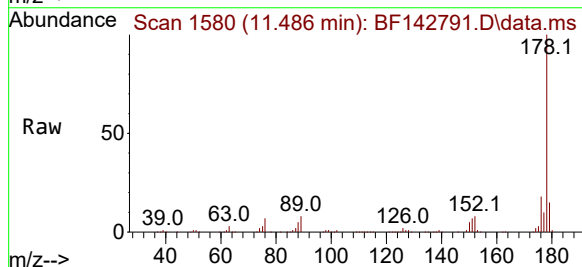
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

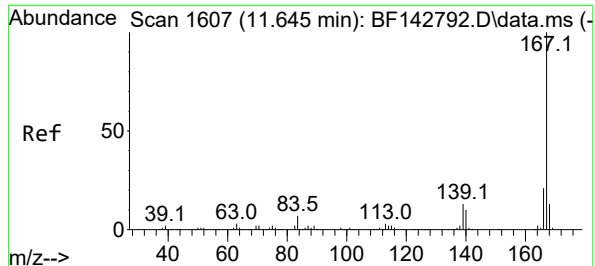
Tgt Ion:178 Resp: 309015
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.3 12.0 18.0



#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

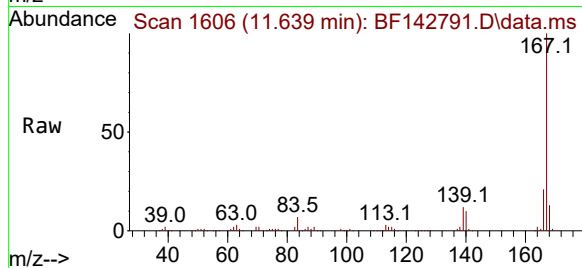
Tgt Ion:178 Resp: 318388
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.4 12.4 18.6



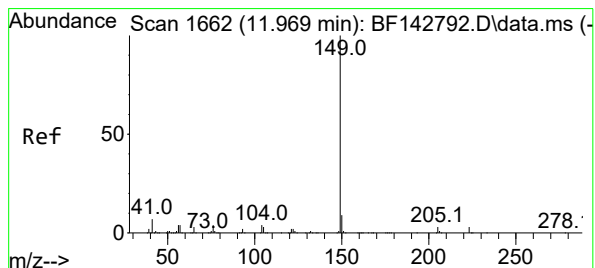
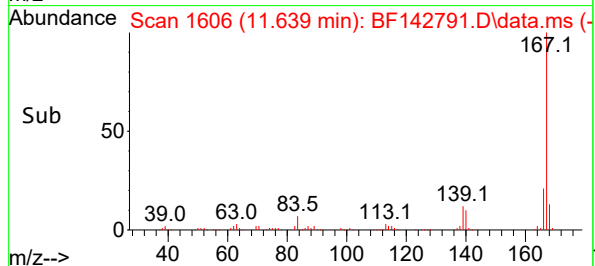
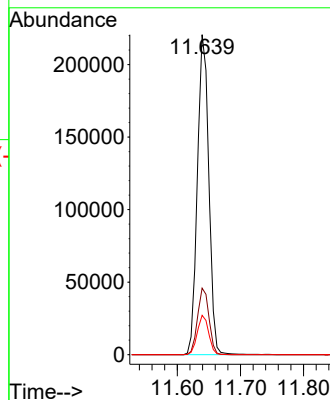


#73
Carbazole
Concen: 21.523 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

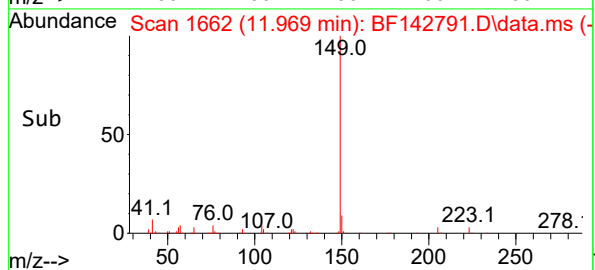
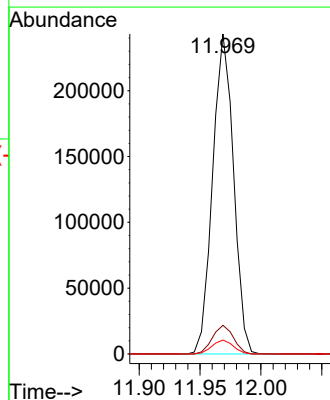
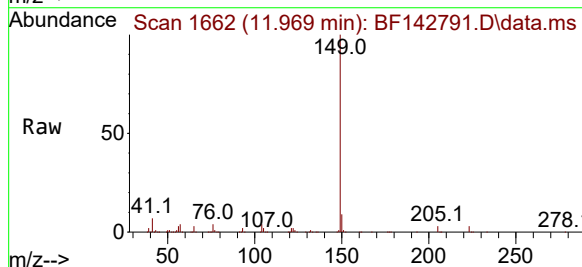


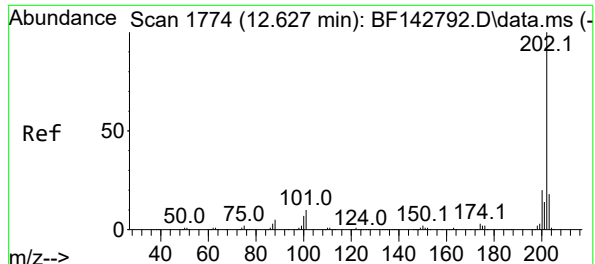
Tgt Ion:167 Resp: 276824
Ion Ratio Lower Upper
167 100
166 20.8 17.0 25.4
139 12.3 10.2 15.2



#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

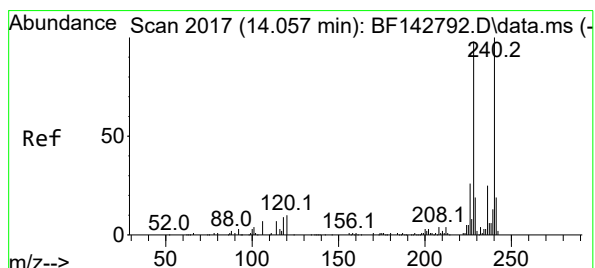
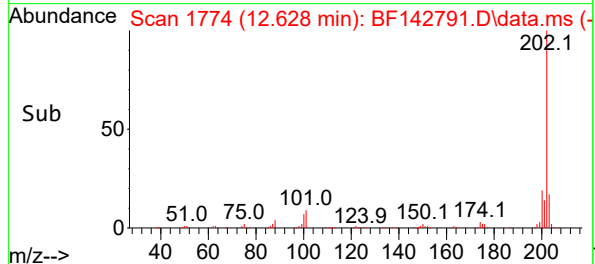
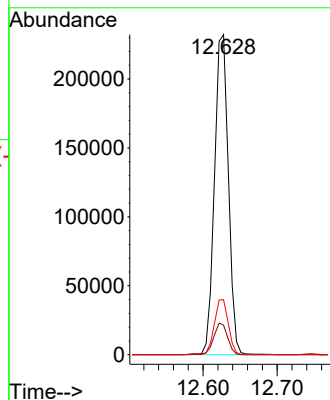
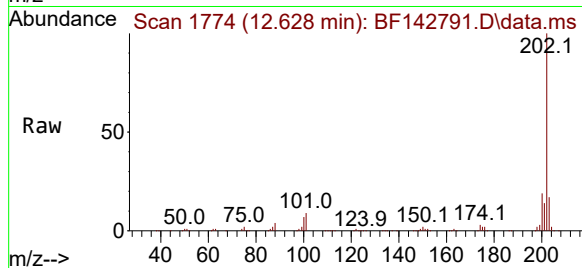




#75
Fluoranthene
Concen: 21.424 ng
RT: 12.628 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

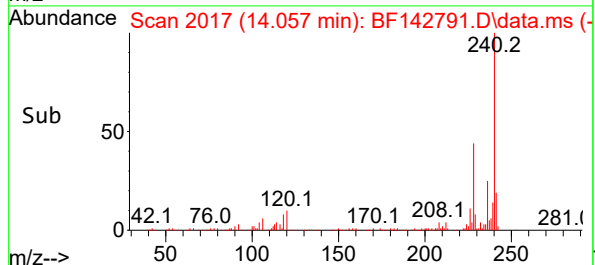
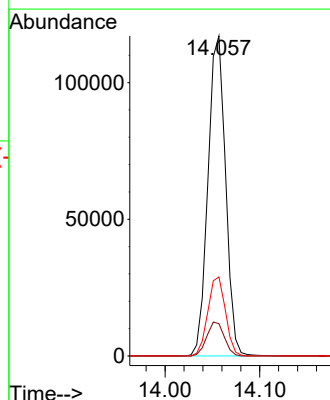
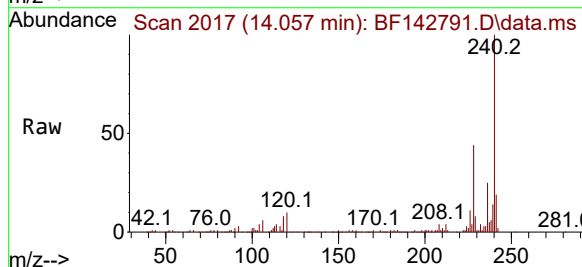
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

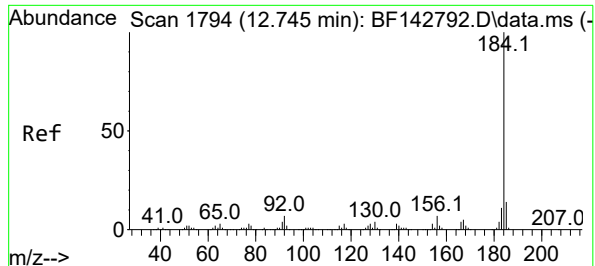
Tgt Ion:202 Resp: 302035
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.7
203 17.2 0.0 37.5



#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

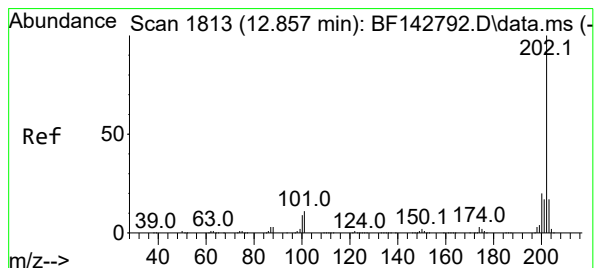
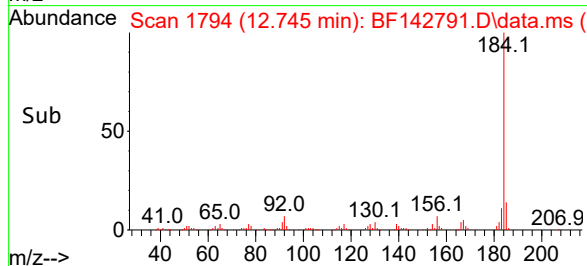
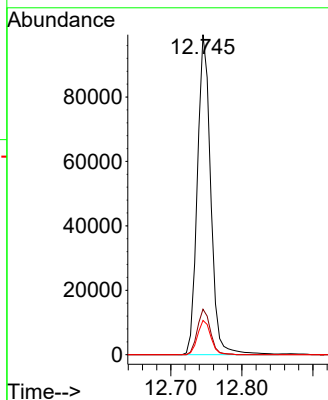
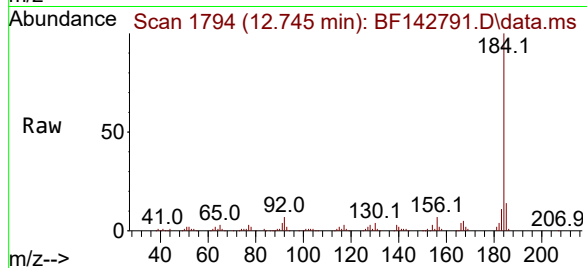




#77
Benzidine
Concen: 24.285 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

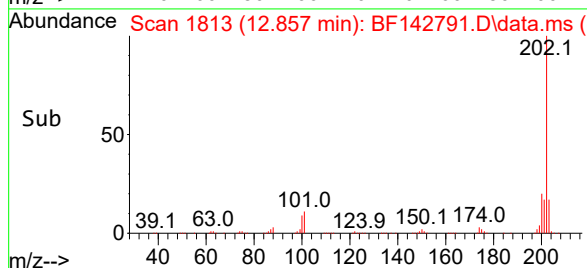
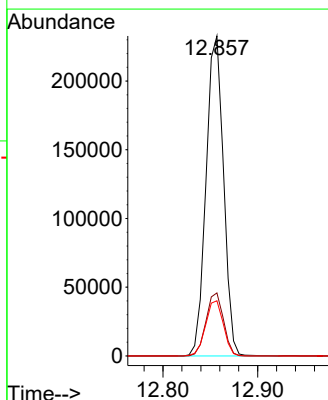
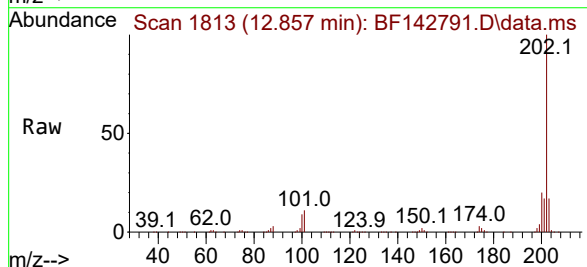
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

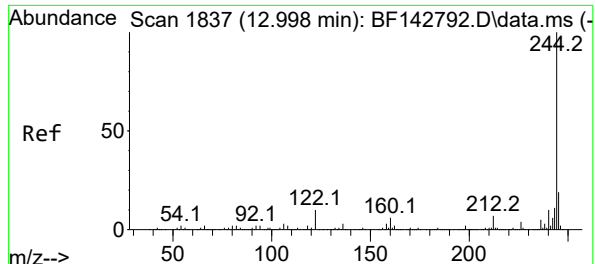
Tgt Ion:184 Resp: 130162
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 10.7 9.0 13.4



#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

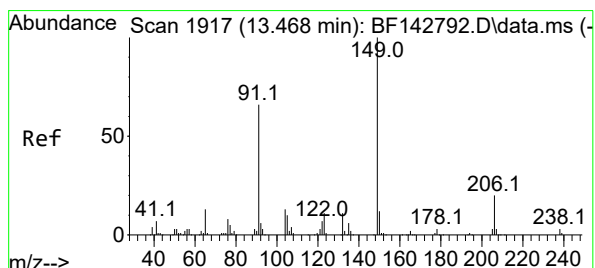
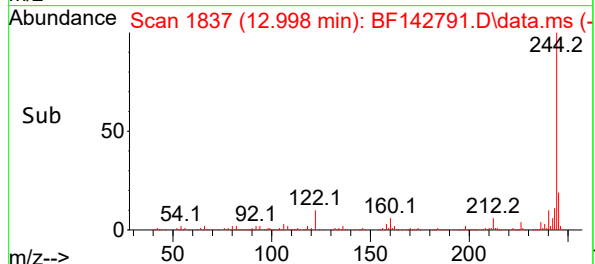
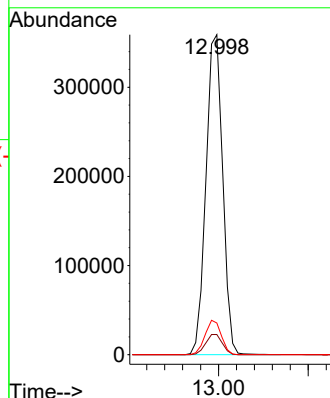
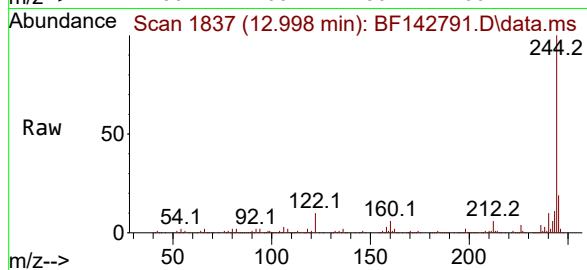
Tgt Ion:244 Resp: 464214

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

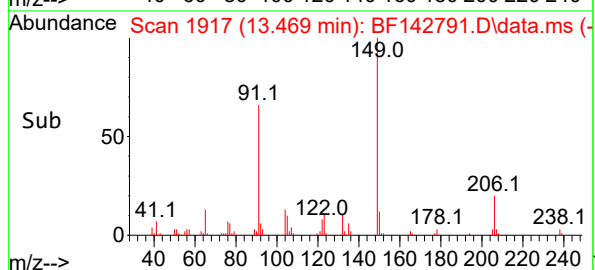
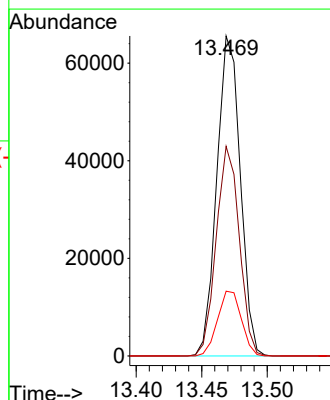
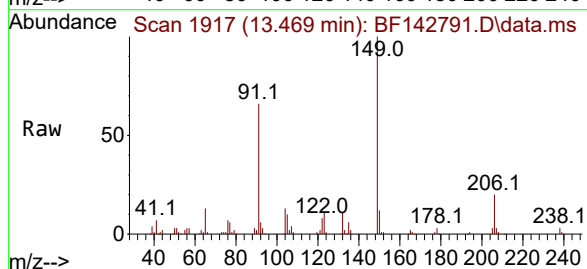
Tgt Ion:149 Resp: 81500

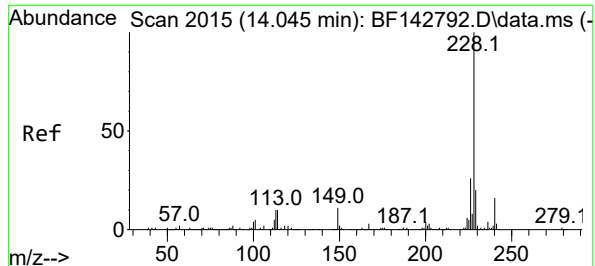
Ion Ratio Lower Upper

149 100

91 65.5 52.9 79.3

206 20.3 16.3 24.5

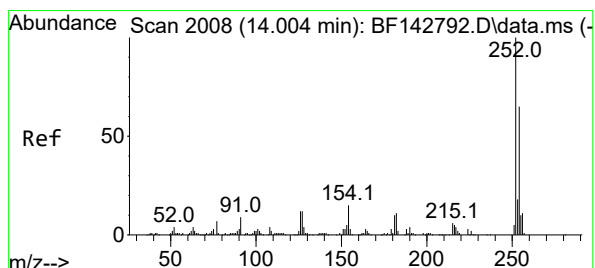
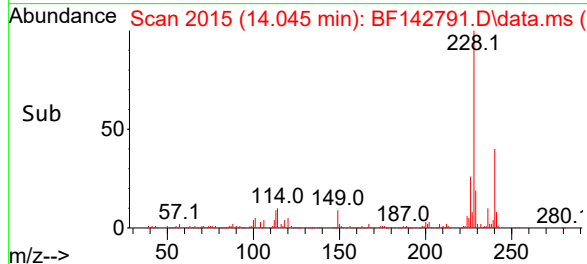
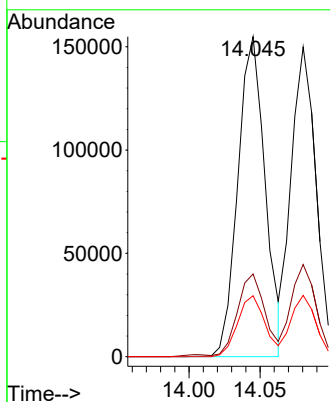
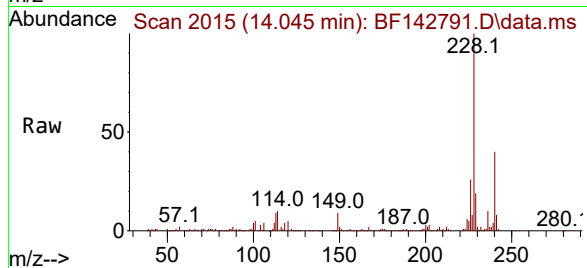




#81
Benzo(a)anthracene
Concen: 20.807 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

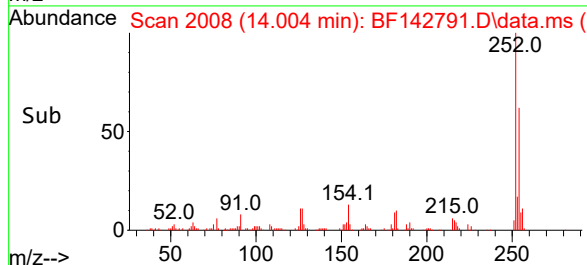
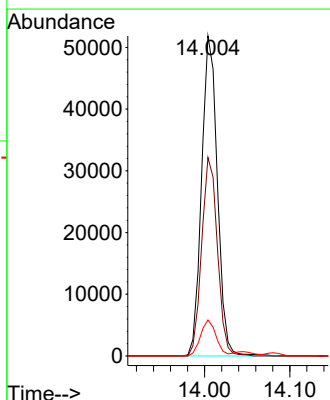
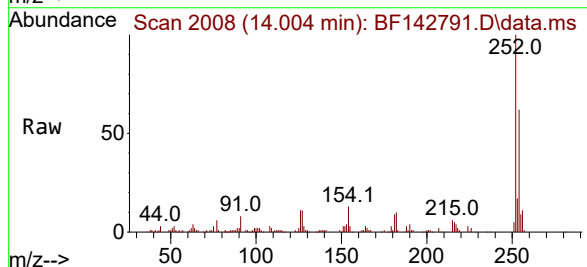
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

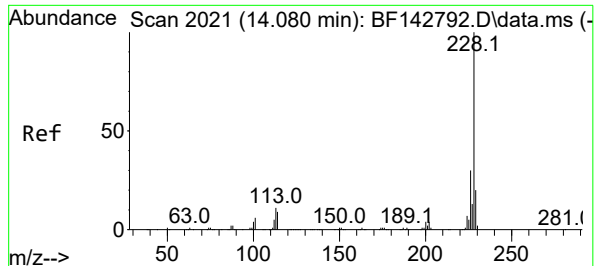
Tgt Ion:228 Resp: 206831
Ion Ratio Lower Upper
228 100
226 25.8 21.2 31.8
229 19.0 15.6 23.4



#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

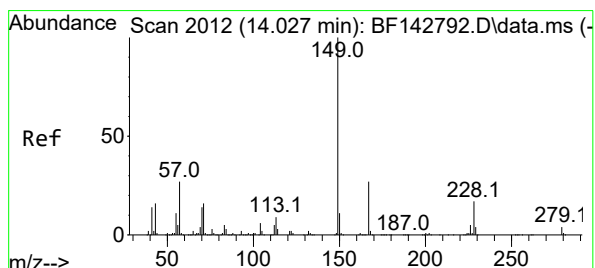
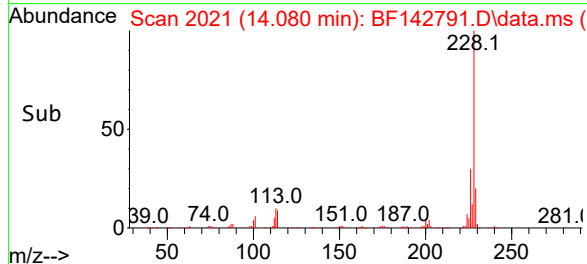
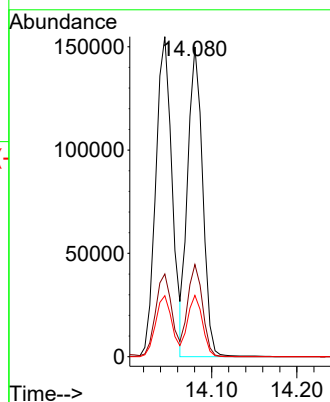
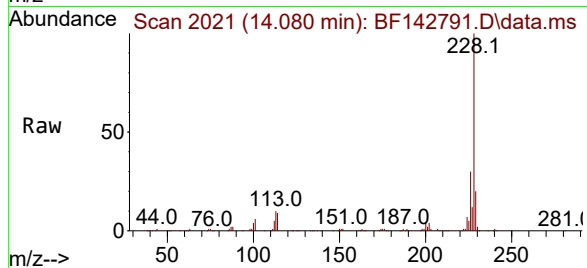




#83
Chrysene
Concen: 19.756 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

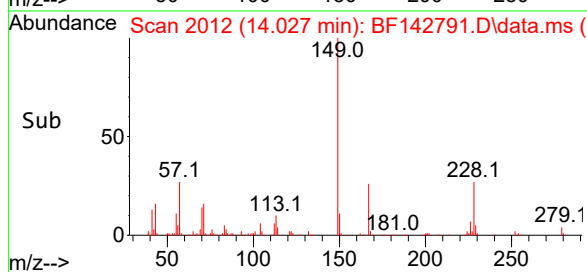
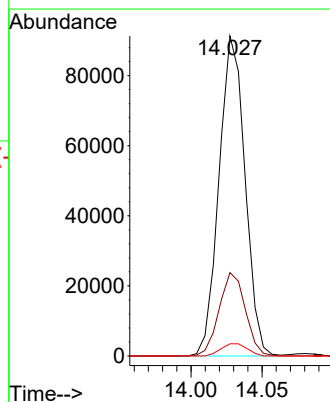
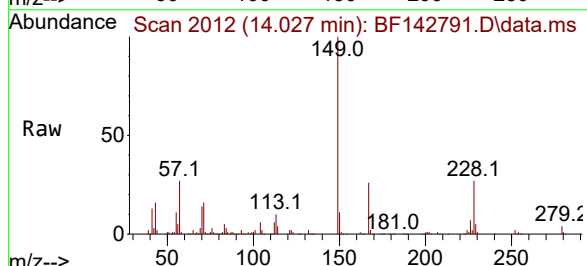
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

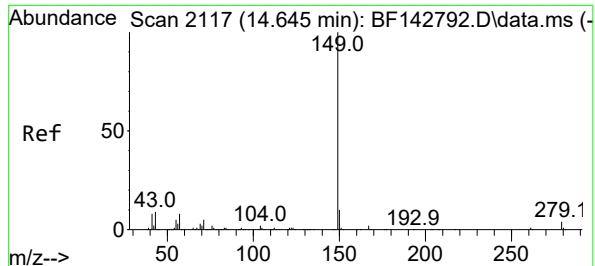
Tgt Ion:228 Resp: 182829
Ion Ratio Lower Upper
228 100
226 29.8 23.7 35.5
229 19.8 15.7 23.5



#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

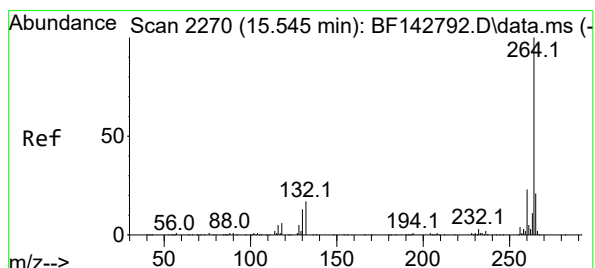
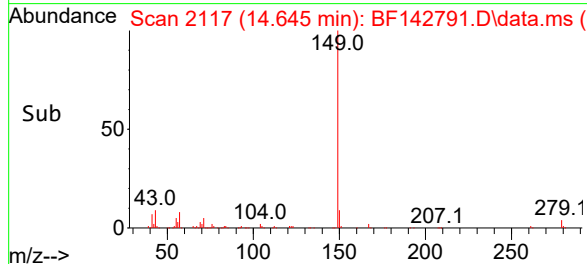
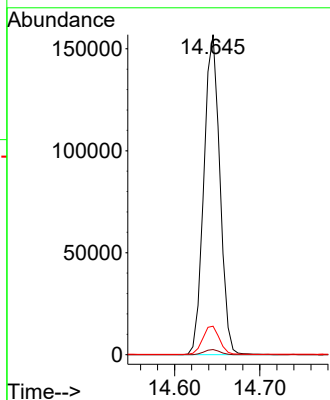
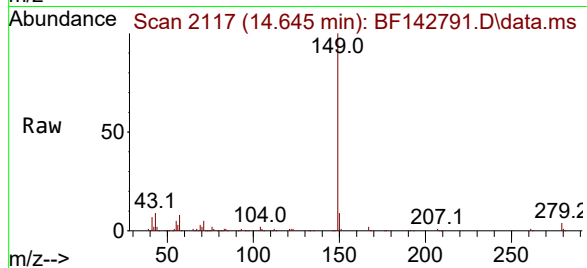




#85
Di-n-octyl phthalate
Concen: 17.475 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

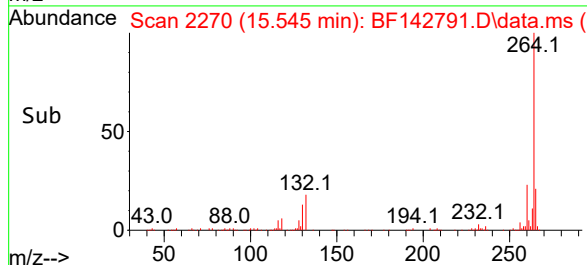
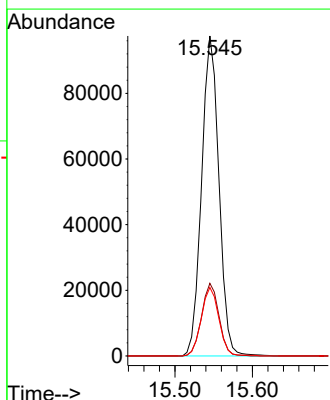
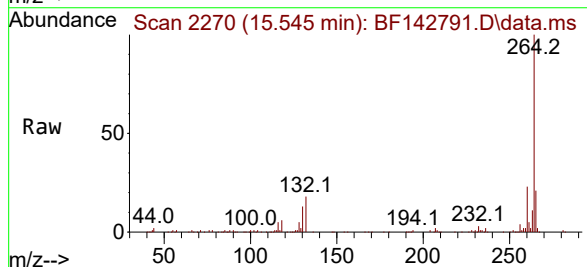
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

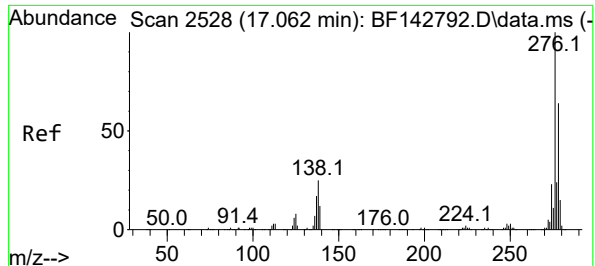
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	7.6	11.4



#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	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

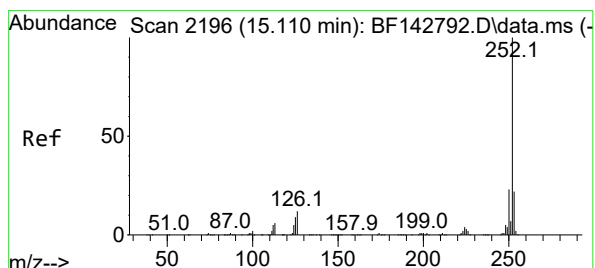
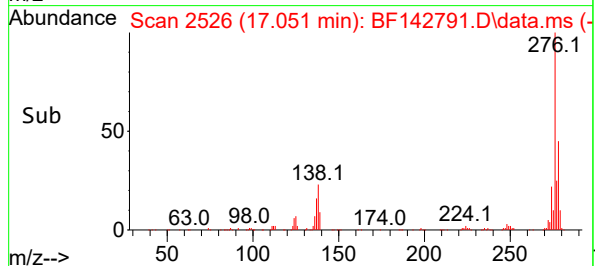
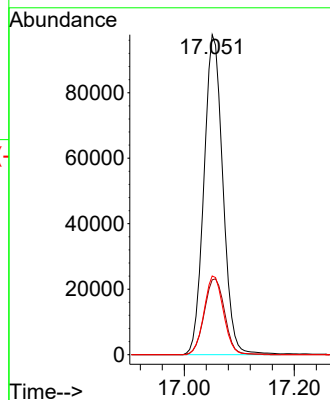
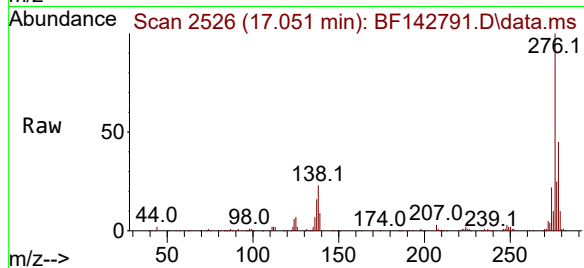
Tgt Ion:276 Resp: 233757

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

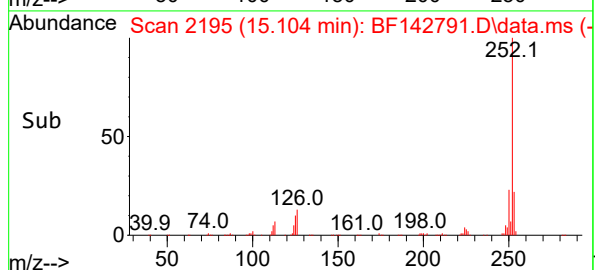
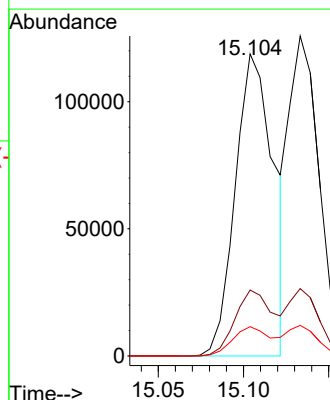
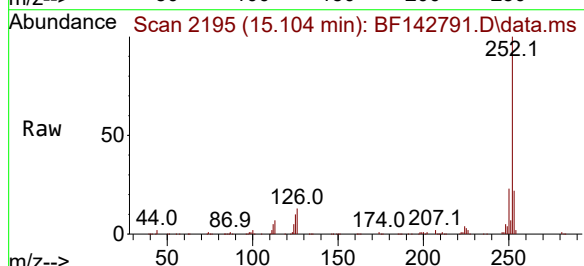
Tgt Ion:252 Resp: 185574

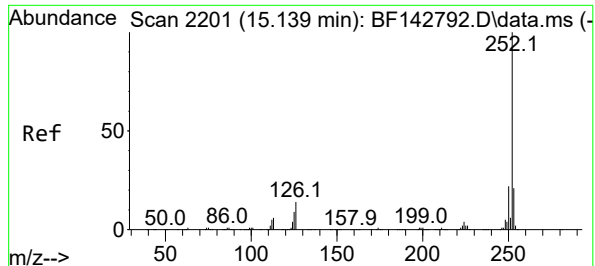
Ion Ratio Lower Upper

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

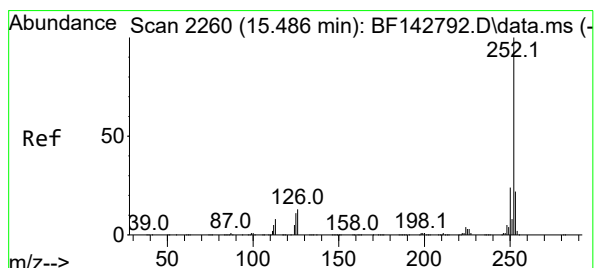
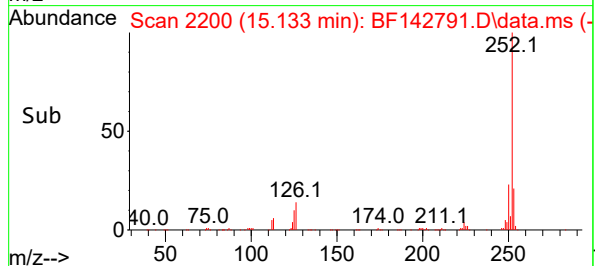
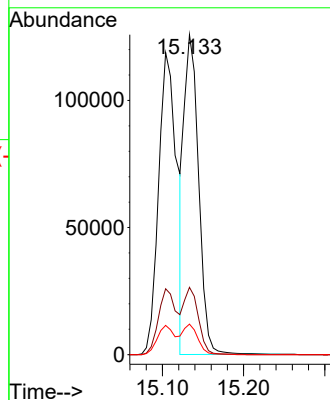
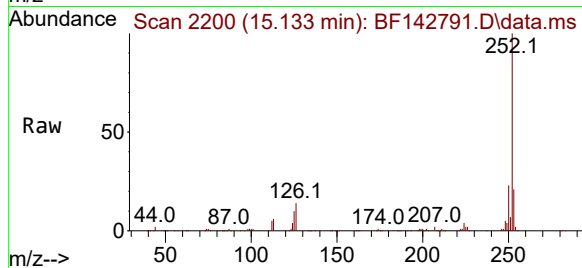
Tgt Ion:252 Resp: 156588

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

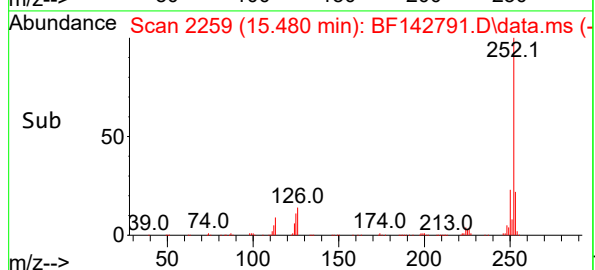
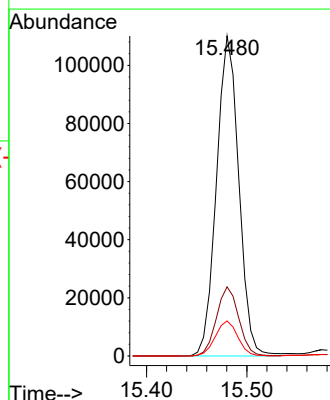
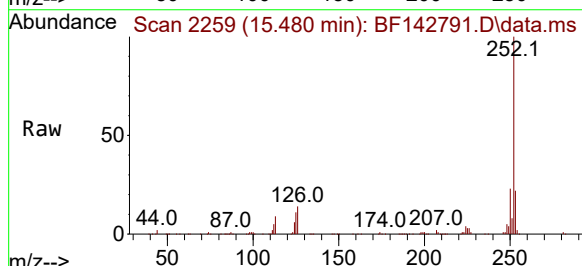
Tgt Ion:252 Resp: 170053

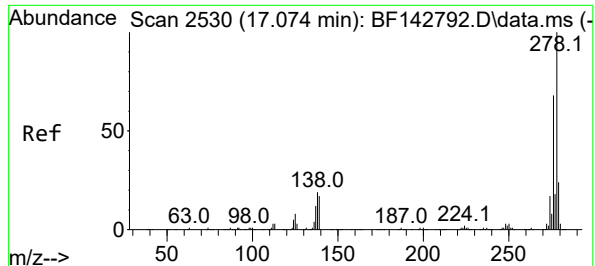
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 11.0 8.6 12.8

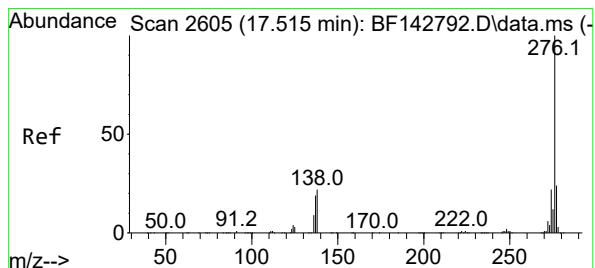
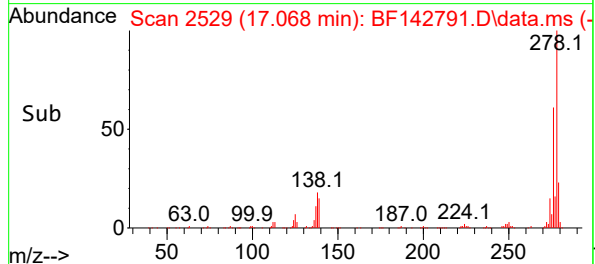
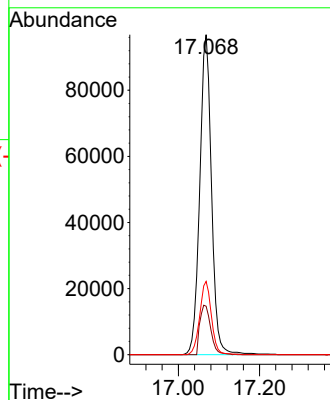
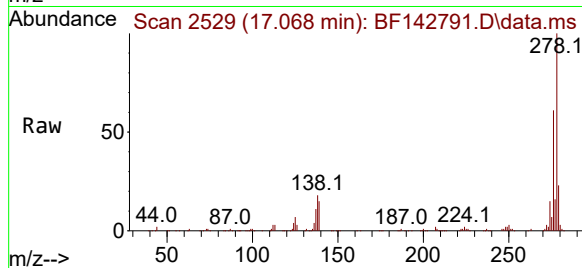




#91
Dibenzo(a,h)anthracene
Concen: 21.504 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

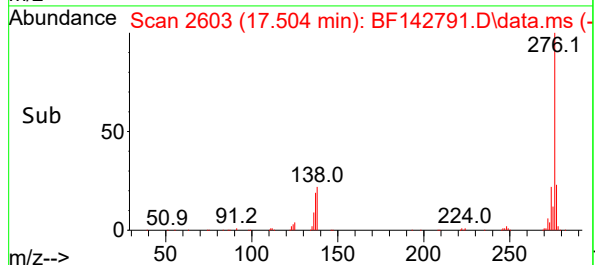
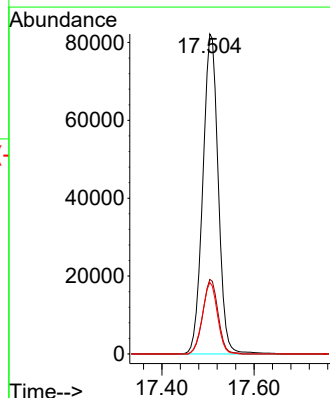
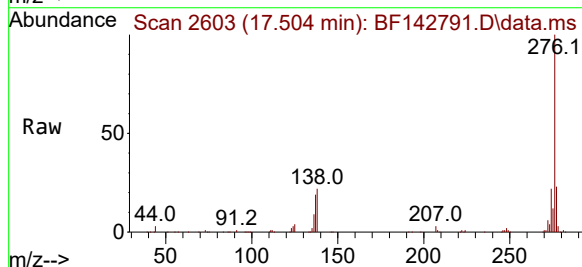
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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 : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

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 : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

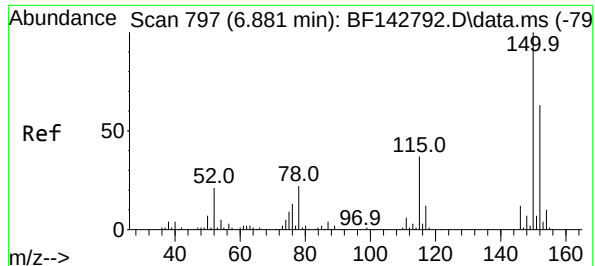
Quant Time: Jun 20 04:39:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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 :
SSTDICCC040

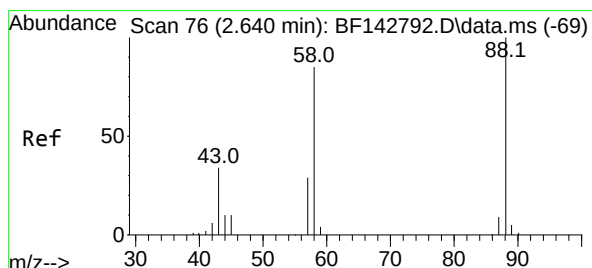
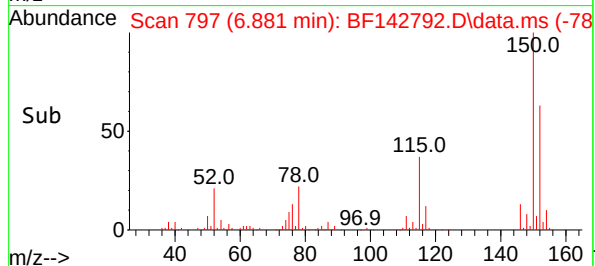
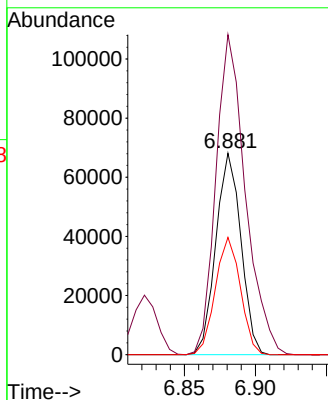
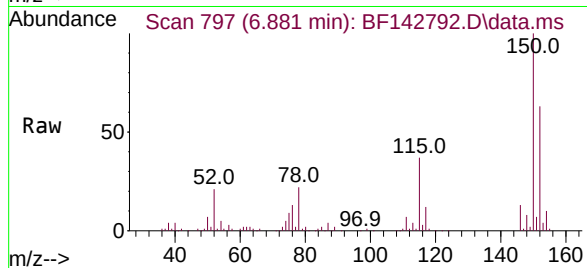
[illegible]



#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

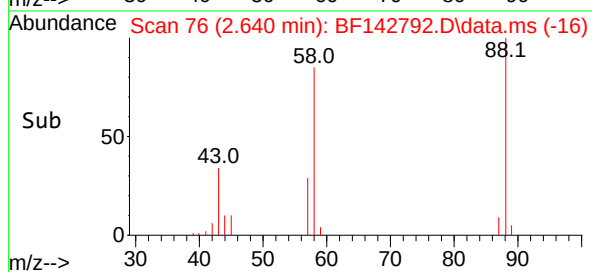
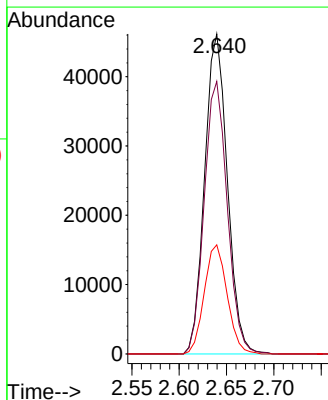
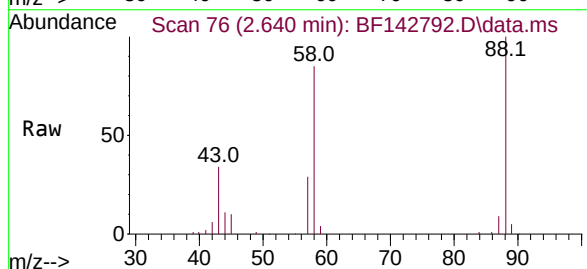
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

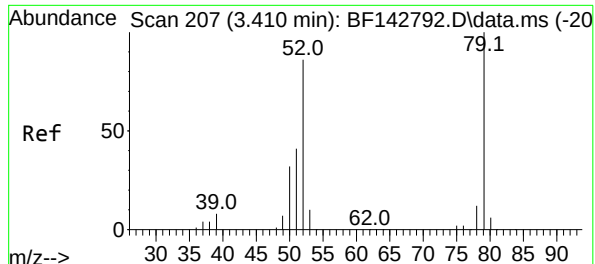
Tgt Ion:152 Resp: 83734
Ion Ratio Lower Upper
152 100
150 159.0 127.2 190.8
115 58.2 46.6 69.8



#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 :

SSTDICCC040

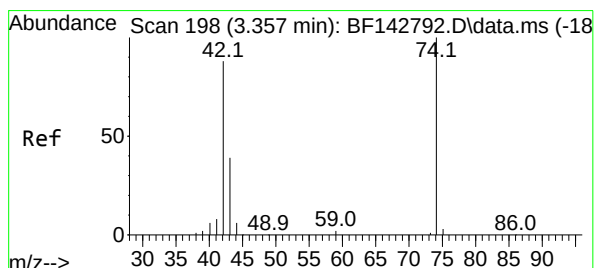
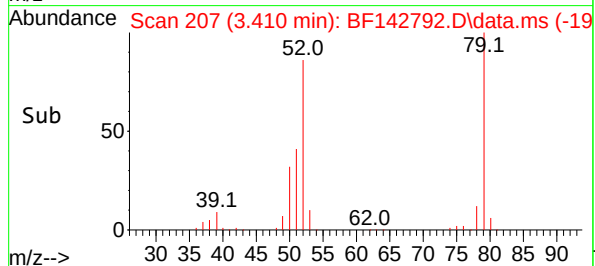
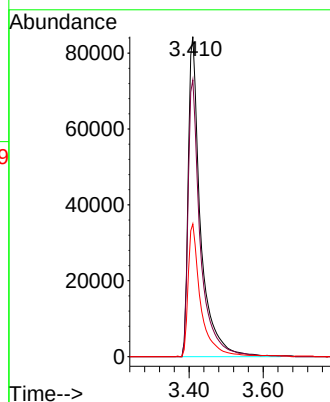
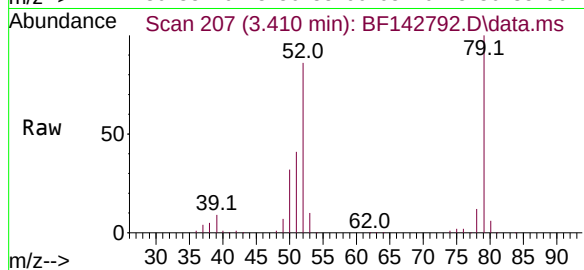
Tgt Ion: 79 Resp: 194866

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

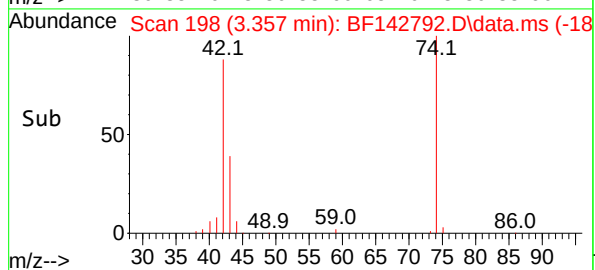
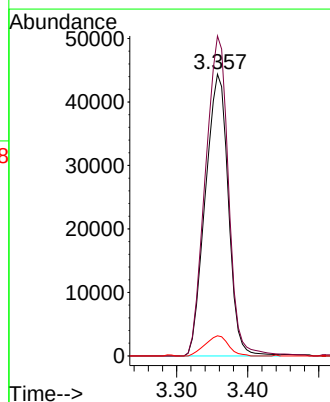
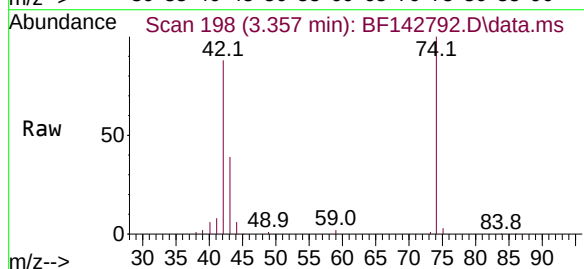
Tgt Ion: 42 Resp: 99851

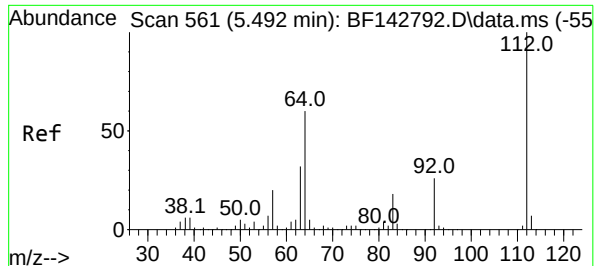
Ion Ratio Lower Upper

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 :

SSTDICCC040

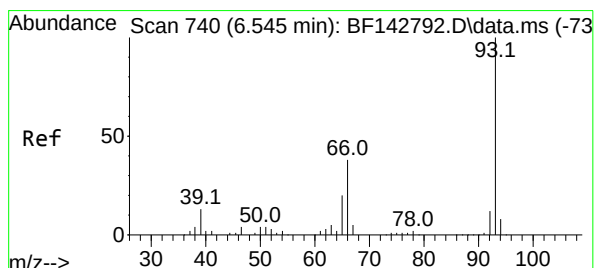
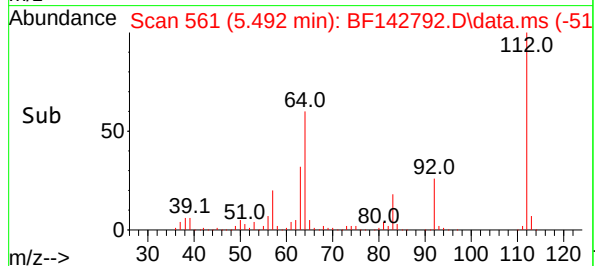
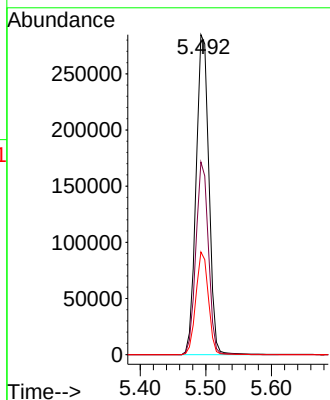
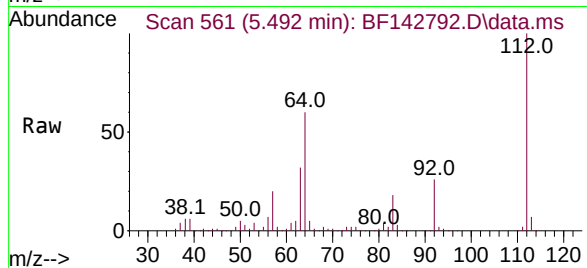
Tgt Ion:112 Resp: 384996

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

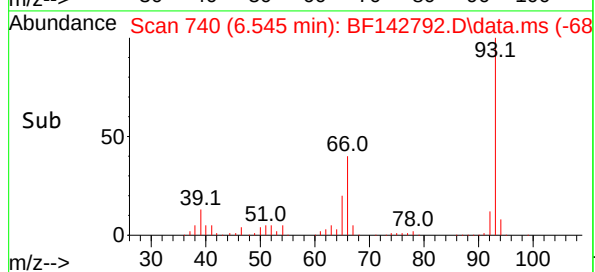
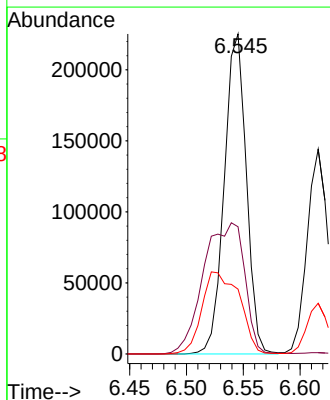
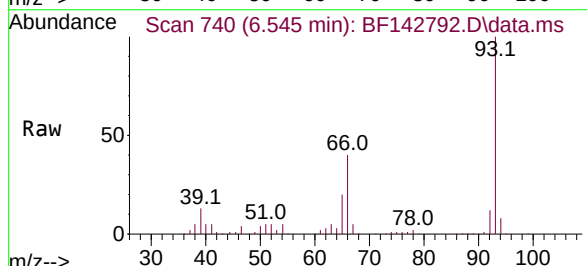
Tgt Ion: 93 Resp: 304377

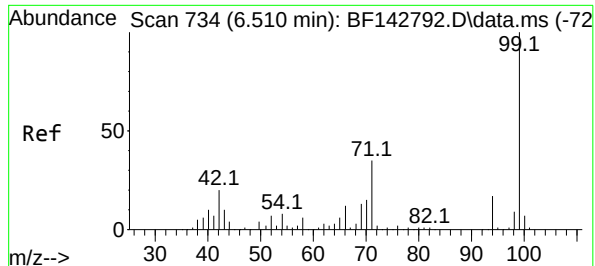
Ion Ratio Lower Upper

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# 734

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

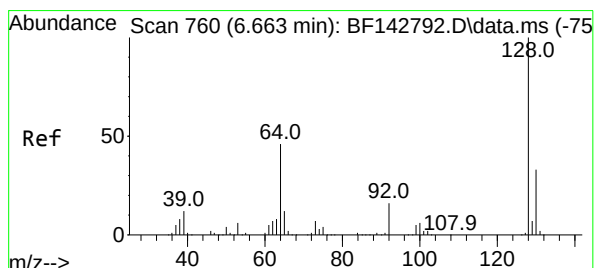
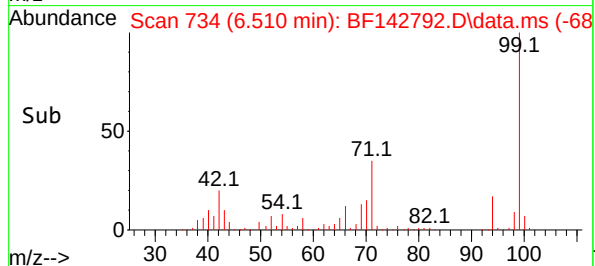
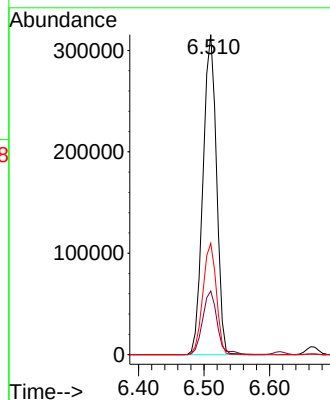
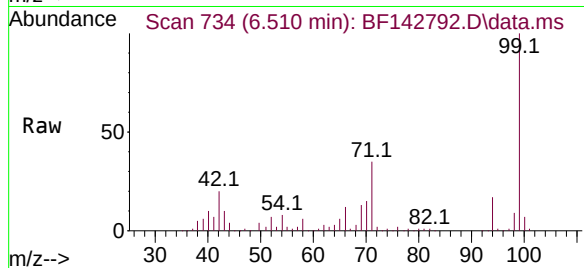
Tgt Ion: 99 Resp: 448961

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

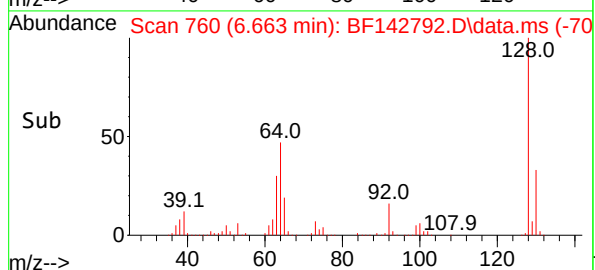
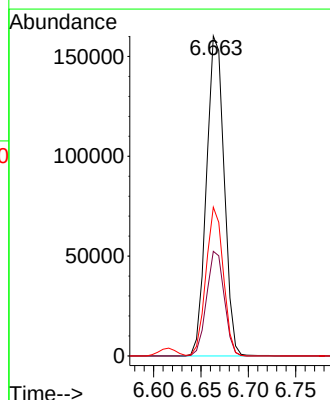
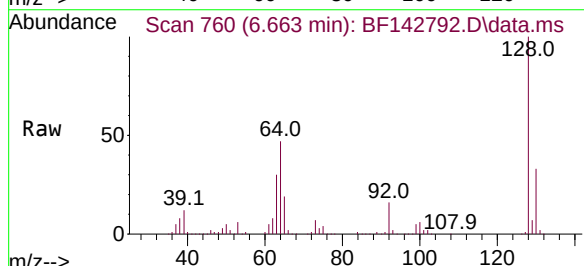
Tgt Ion: 128 Resp: 208444

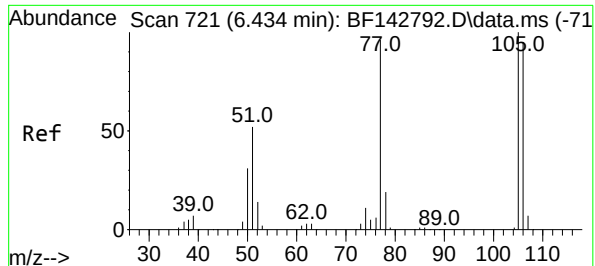
Ion Ratio Lower Upper

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 :

SSTDICCC040

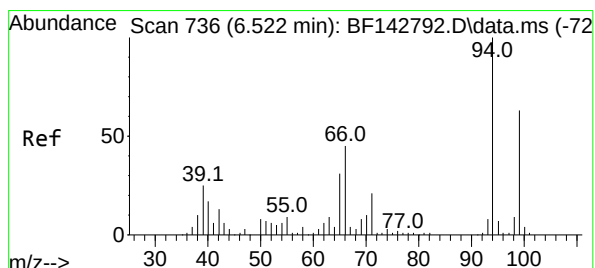
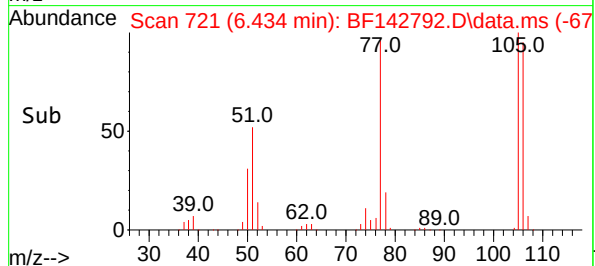
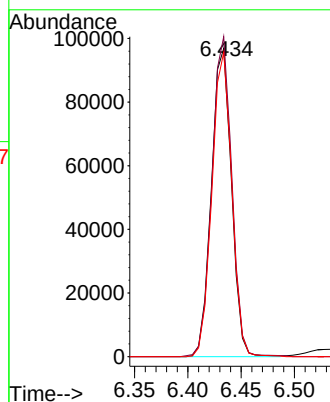
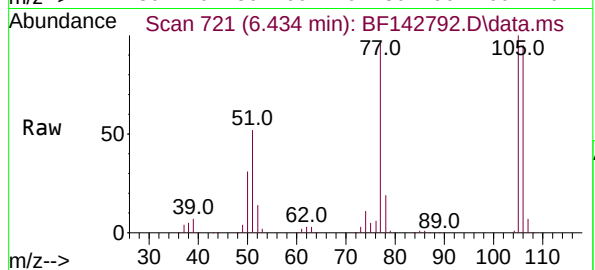
Tgt Ion: 77 Resp: 126748

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

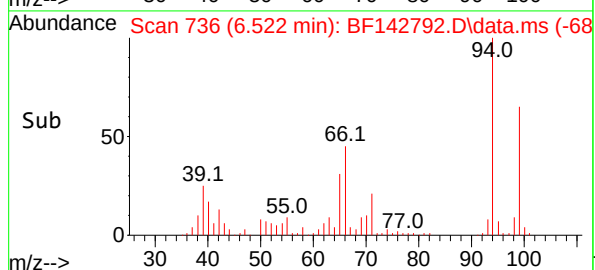
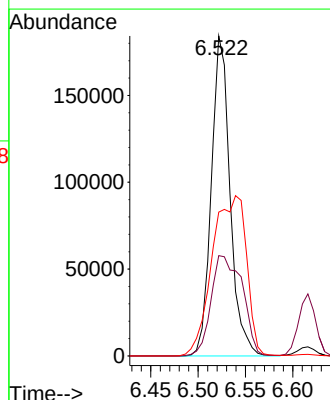
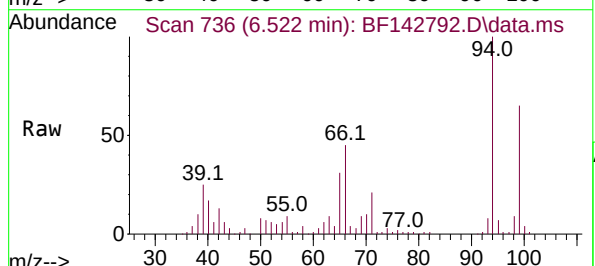
Tgt Ion: 94 Resp: 253916

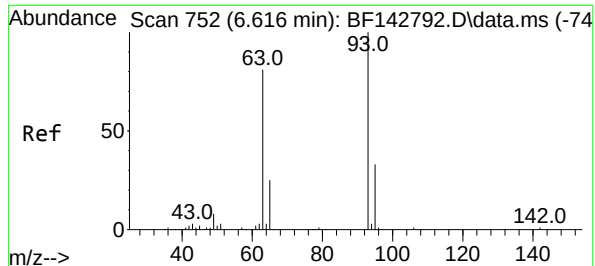
Ion Ratio Lower Upper

94 100

65 31.3 11.3 51.3

66 44.9 24.9 64.9

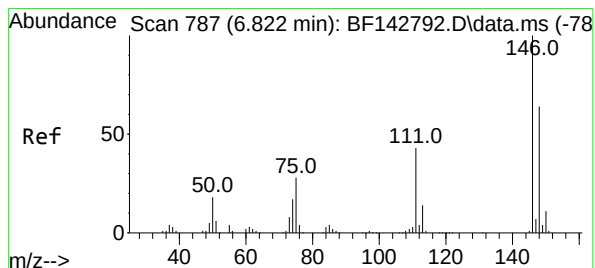
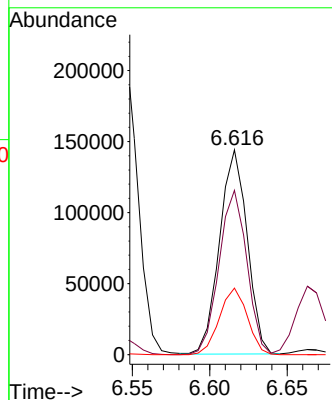
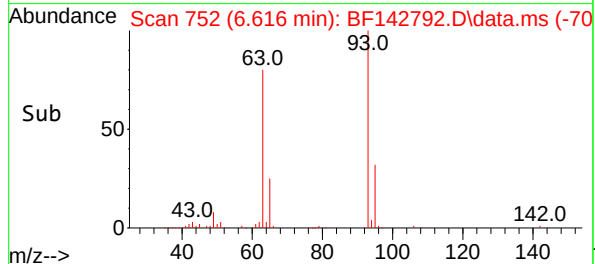
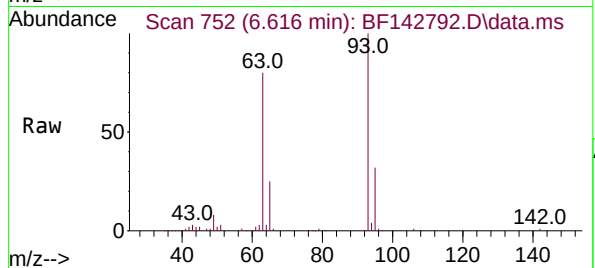




#11
bis(2-Chloroethyl)ether
Concen: 37.634 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

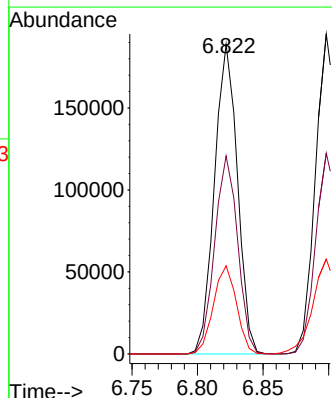
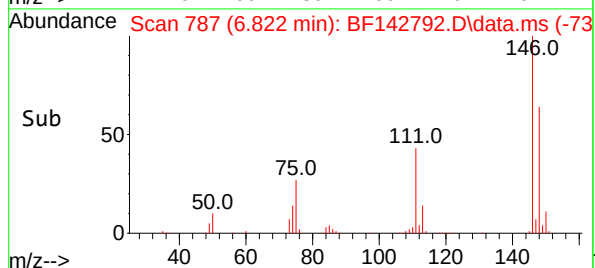
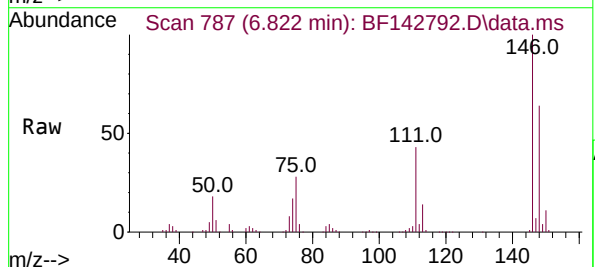
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

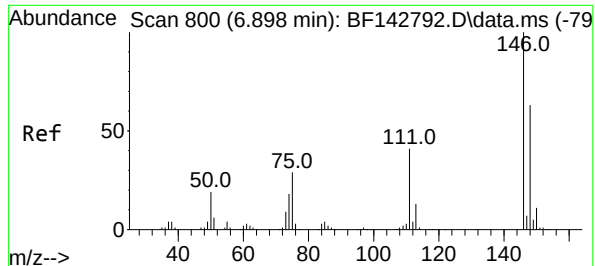
Tgt Ion: 93 Resp: 179469
Ion Ratio Lower Upper
93 100
63 80.3 60.3 100.3
95 32.5 12.5 52.5



#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 :

SSTDICCC040

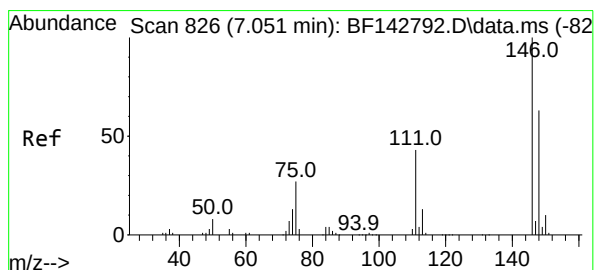
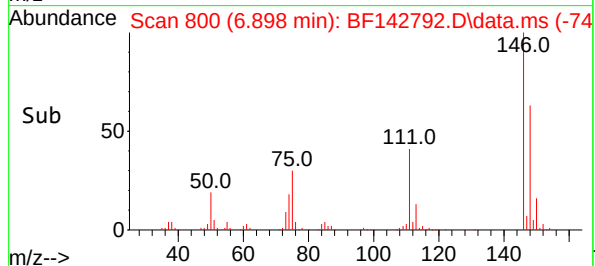
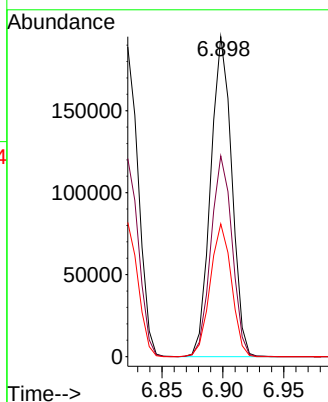
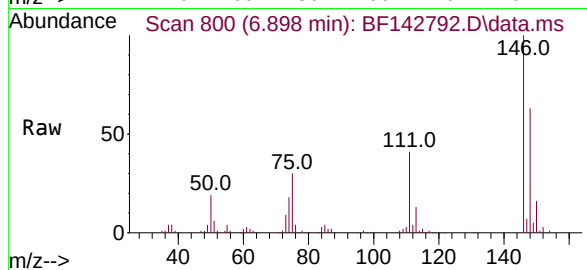
Tgt Ion:146 Resp: 235951

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

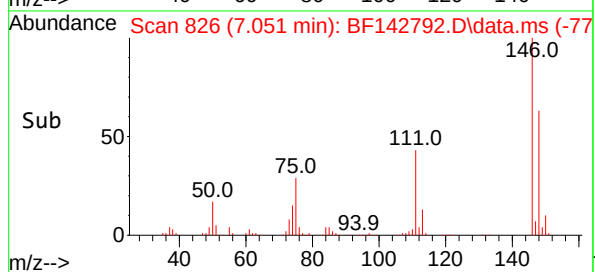
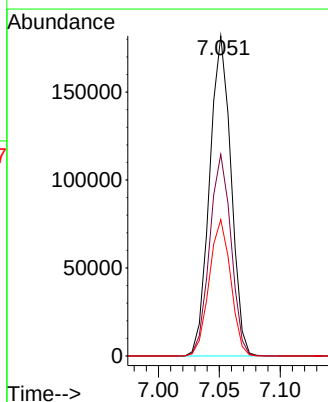
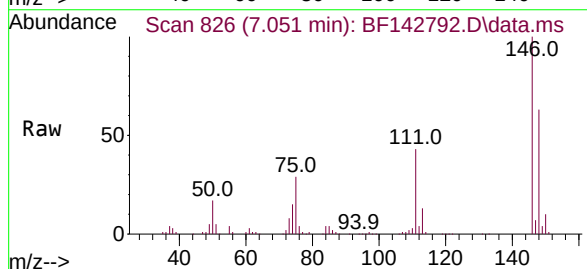
Tgt Ion:146 Resp: 222976

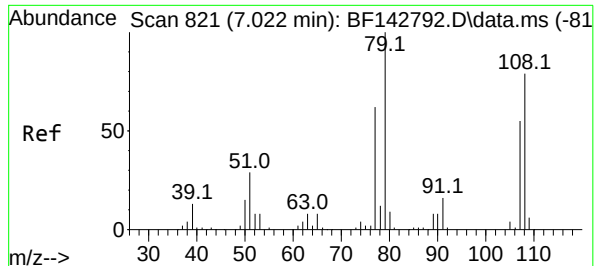
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 42.6 34.1 51.1

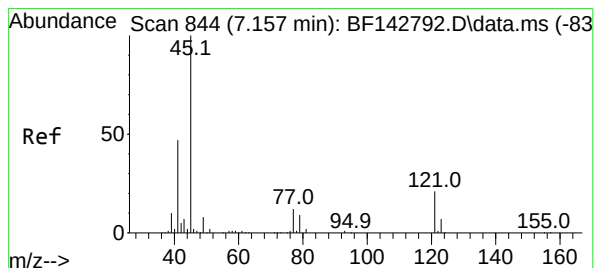
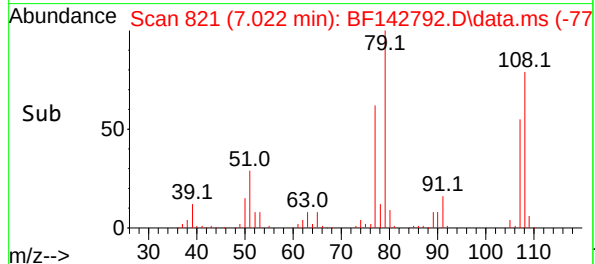
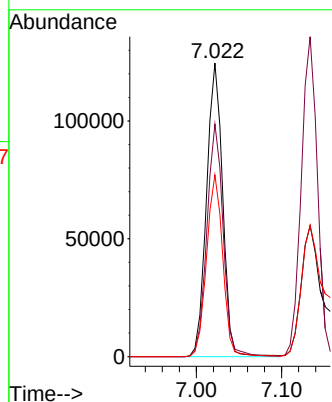
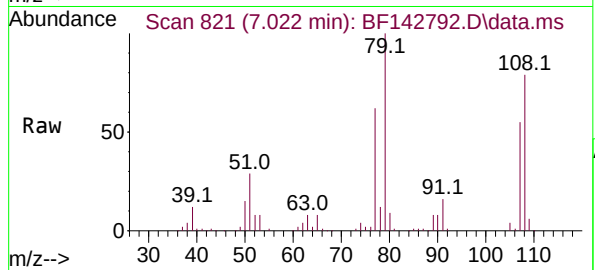




#15
Benzyl Alcohol
Concen: 37.888 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

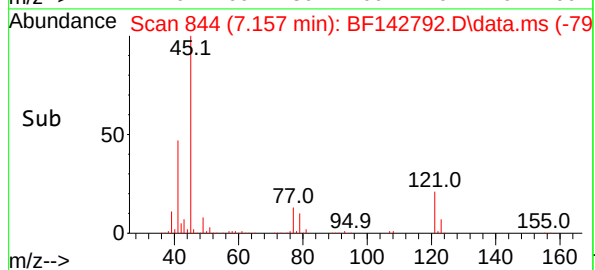
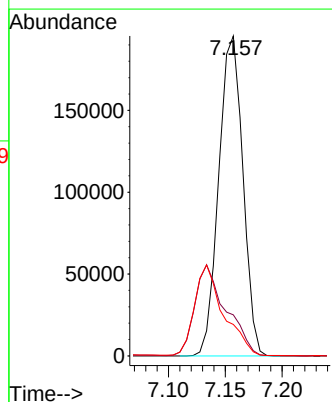
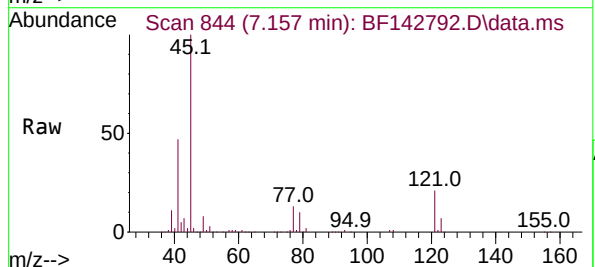
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

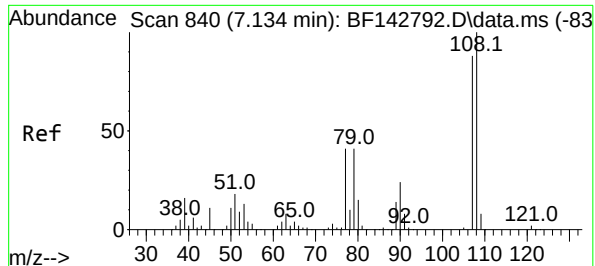
Tgt Ion: 79 Resp: 163491
Ion Ratio Lower Upper
79 100
108 79.2 63.4 95.0
77 61.9 49.5 74.3



#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

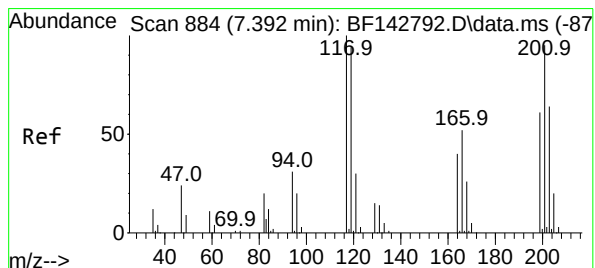
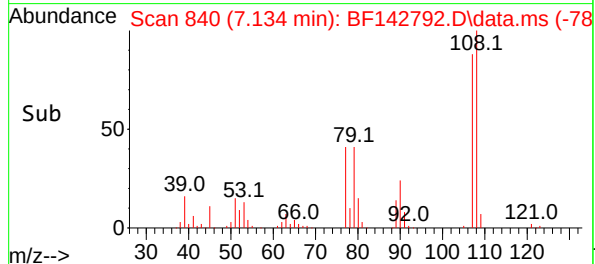
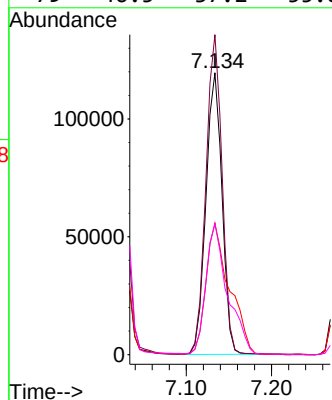
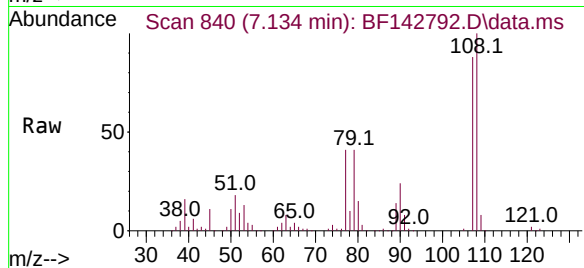




#17
2-Methylphenol
Concen: 38.454 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

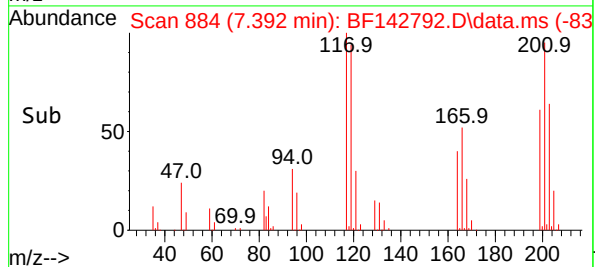
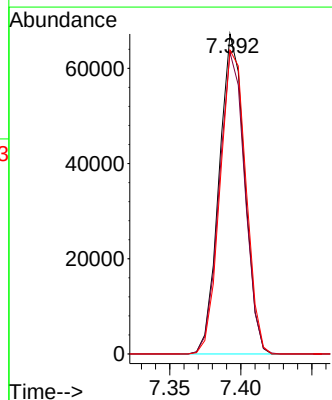
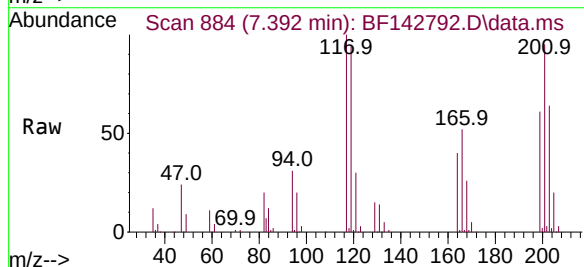
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

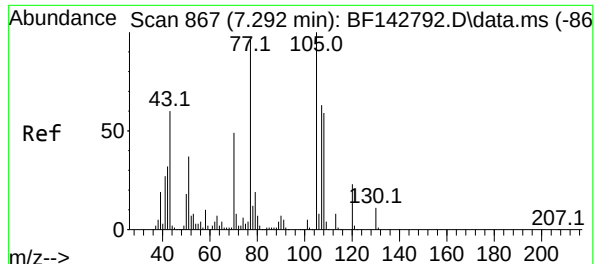
Tgt Ion:	107	Resp:	157159
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	46.6	37.3	55.9
79	46.5	37.2	55.8



#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 :

SSTDICCC040

Tgt Ion: 70 Resp: 131792

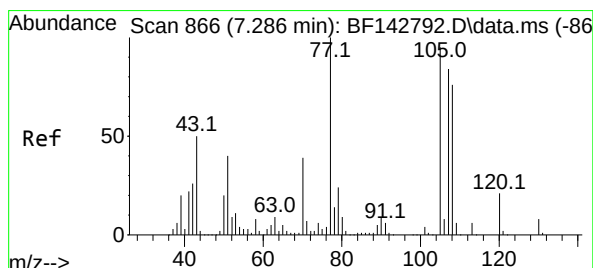
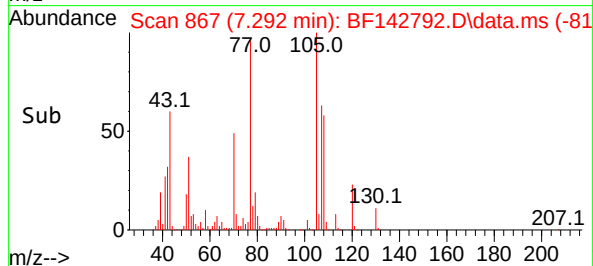
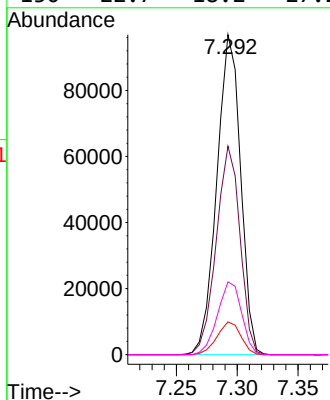
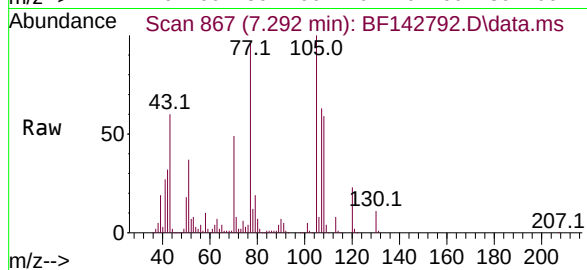
Ion Ratio Lower Upper

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

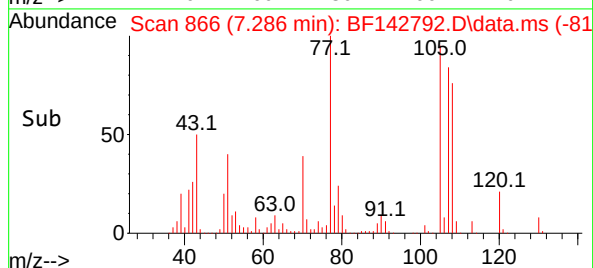
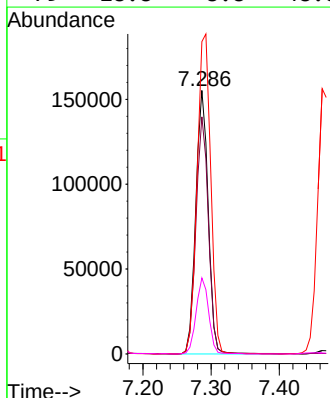
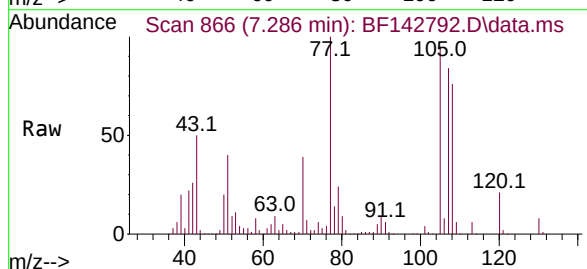
Ion Ratio Lower Upper

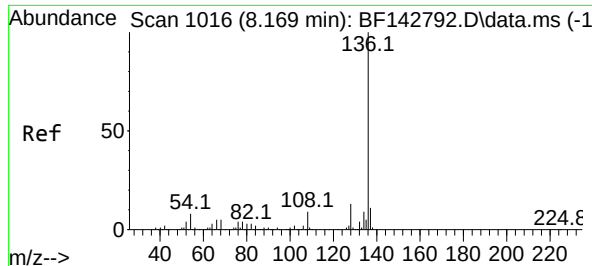
107 100

108 90.0 70.0 110.0

77 118.5 98.5 138.5

79 28.8 8.8 48.8

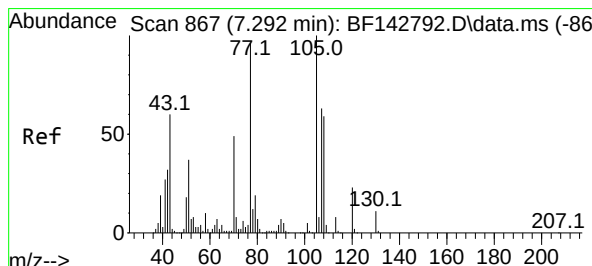
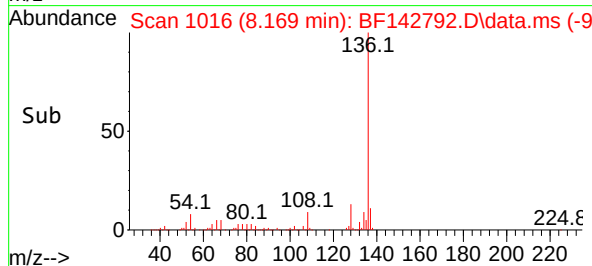
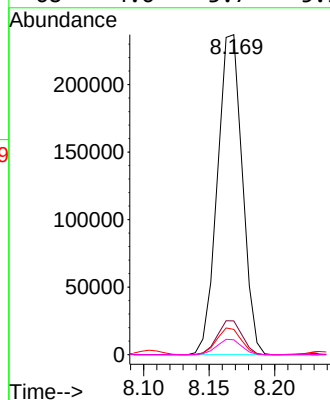
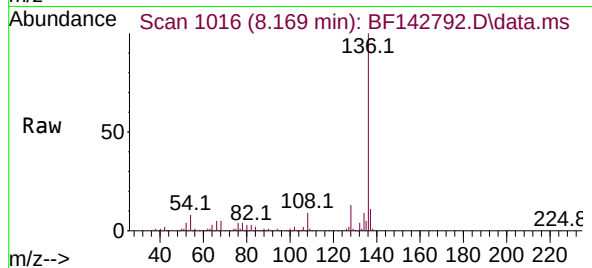




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

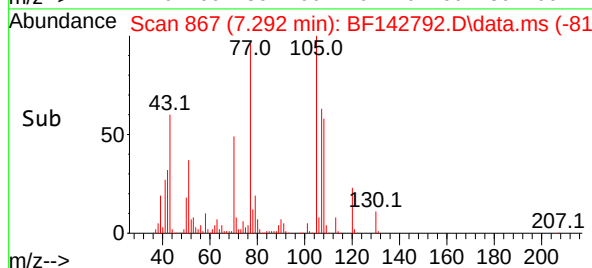
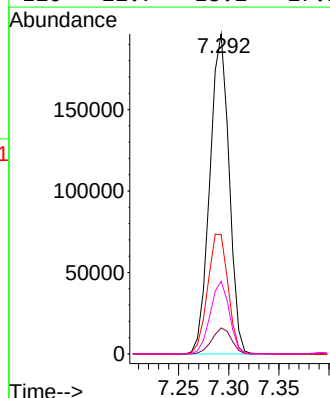
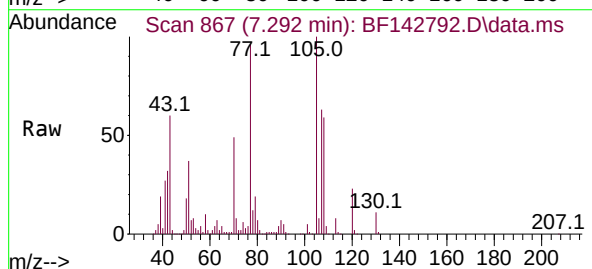
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

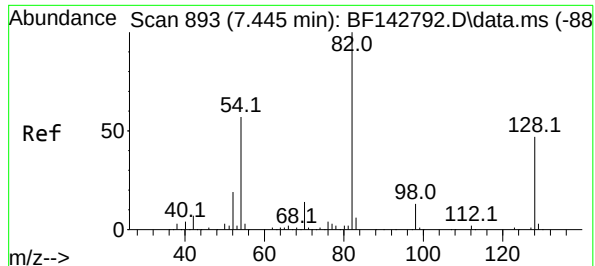
Tgt Ion:	136	Resp:	313297
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.9	6.3	9.5
68	4.6	3.7	5.5



#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 :

SSTDICCC040

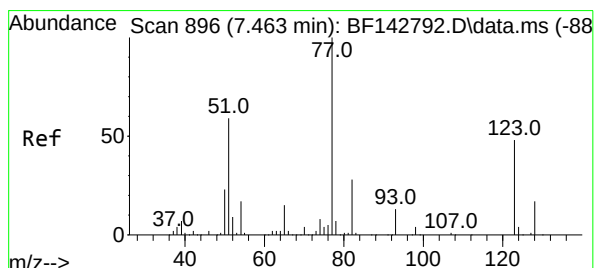
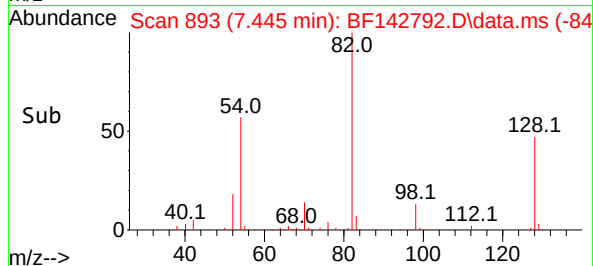
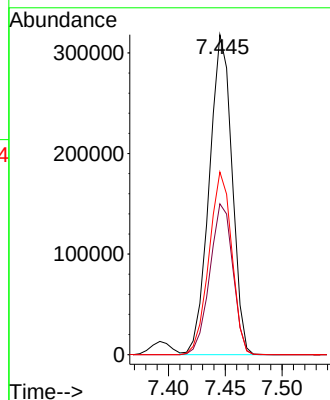
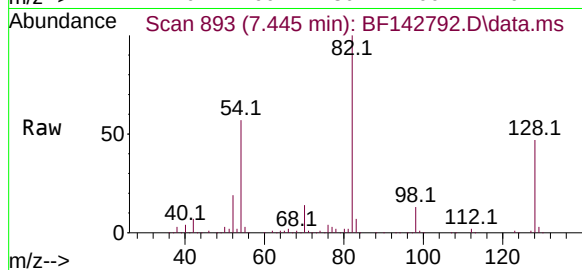
Tgt Ion: 82 Resp: 443431

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

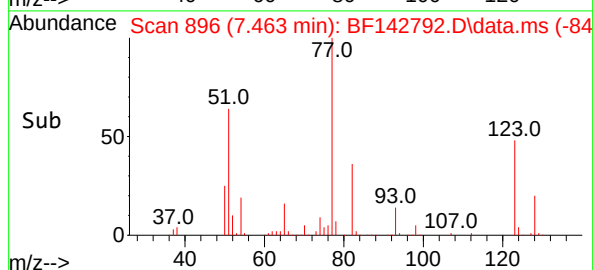
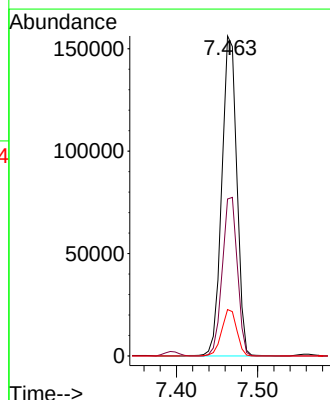
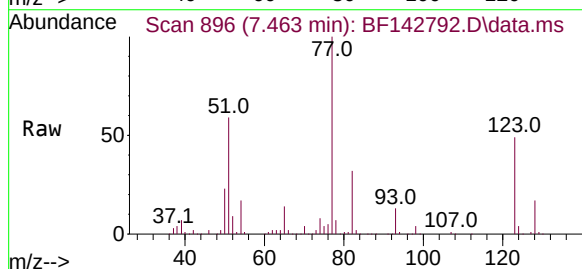
Tgt Ion: 77 Resp: 200051

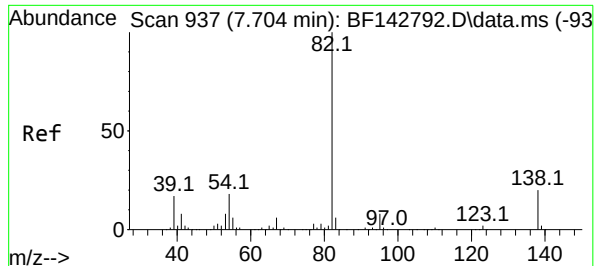
Ion Ratio Lower Upper

77 100

123 49.0 39.2 58.8

65 14.5 11.6 17.4

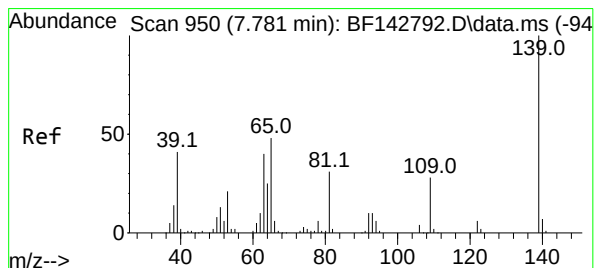
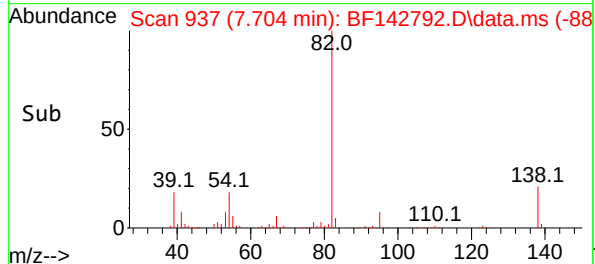
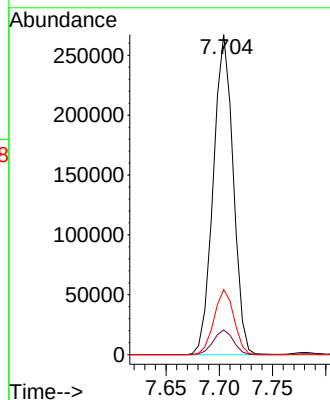
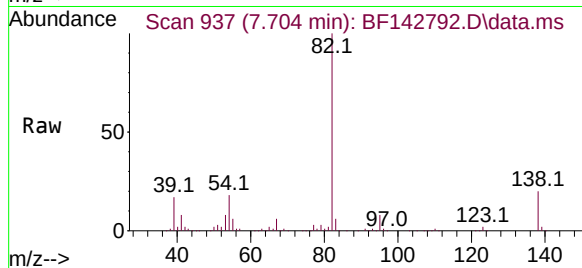




#25
Isophorone
Concen: 36.294 ng
RT: 7.704 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

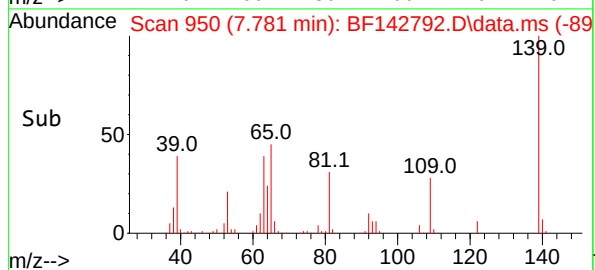
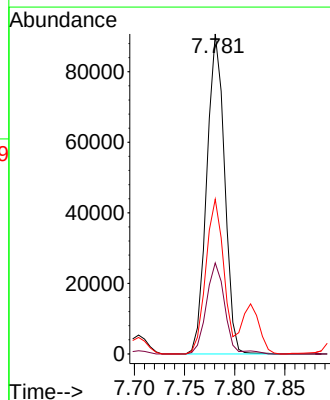
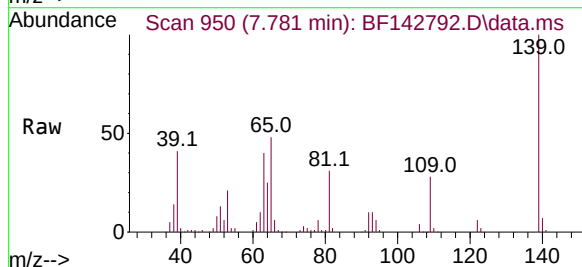
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

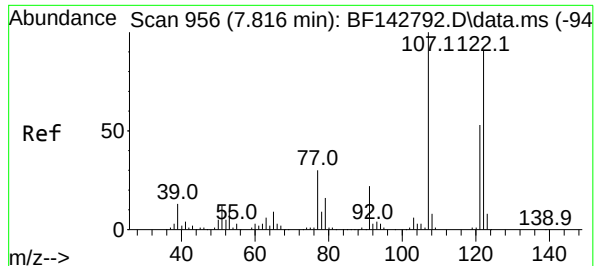
Tgt Ion:	82	Resp:	347894
Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	20.3	16.2	24.4



#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 :

SSTDICCC040

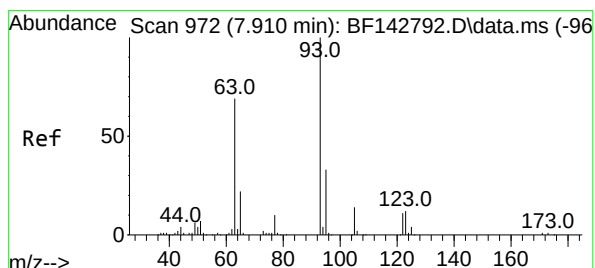
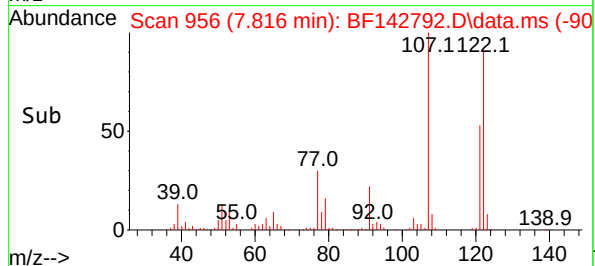
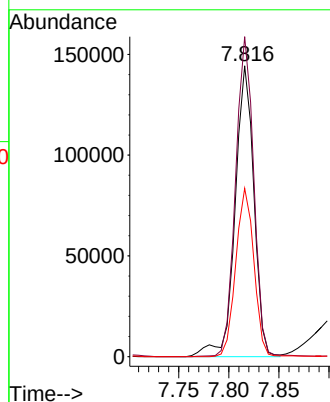
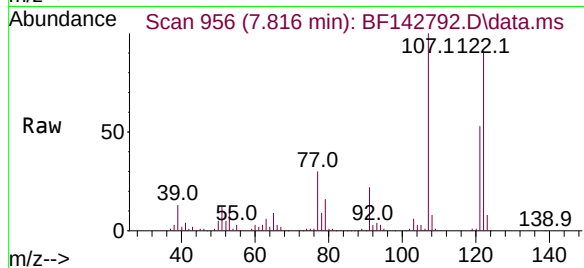
Tgt Ion:122 Resp: 187808

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

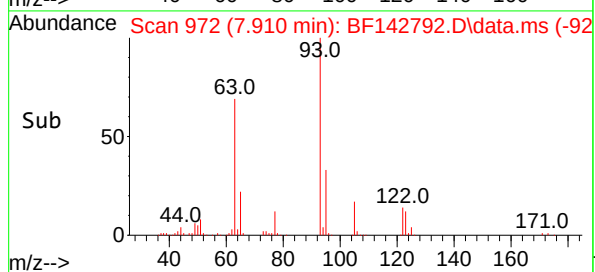
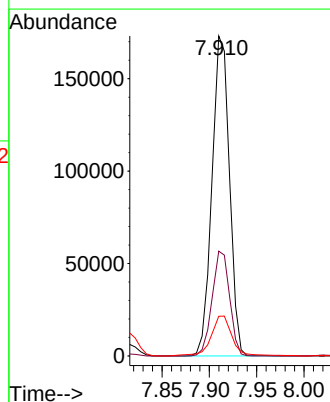
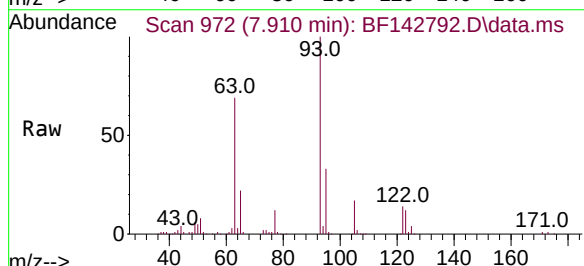
Tgt Ion: 93 Resp: 222264

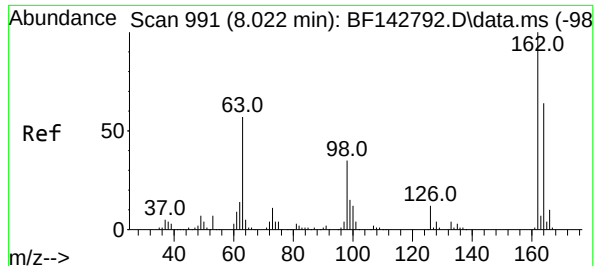
Ion Ratio Lower Upper

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 :

SSTDICCC040

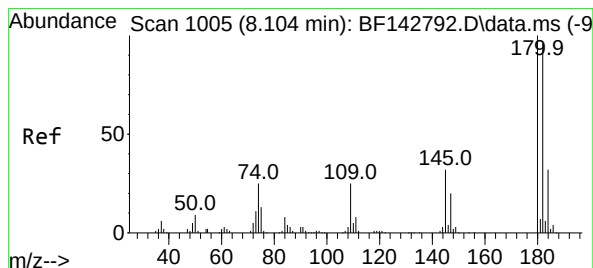
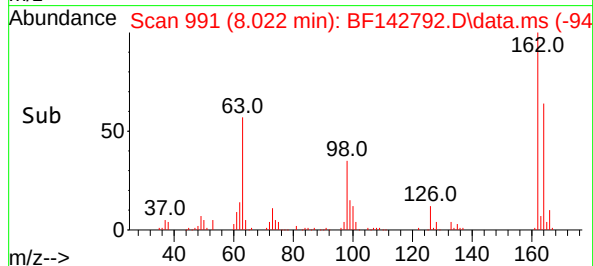
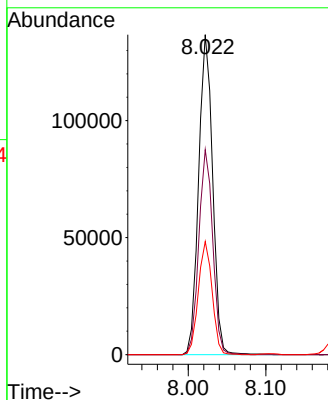
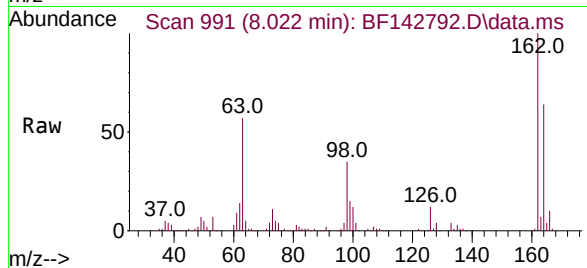
Tgt Ion:162 Resp: 171329

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

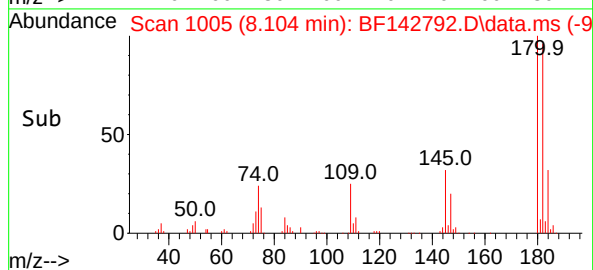
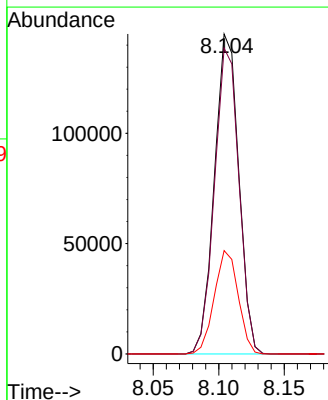
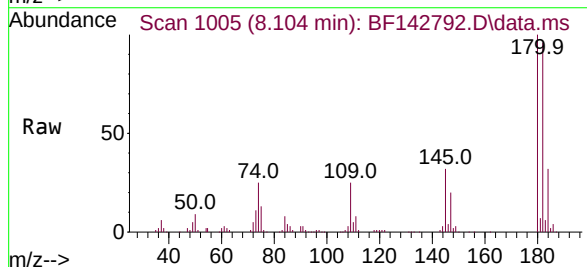
Tgt Ion:180 Resp: 187194

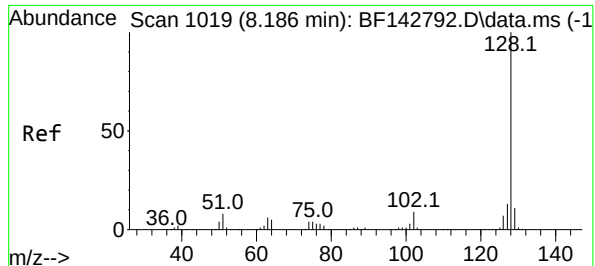
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 32.3 25.8 38.8

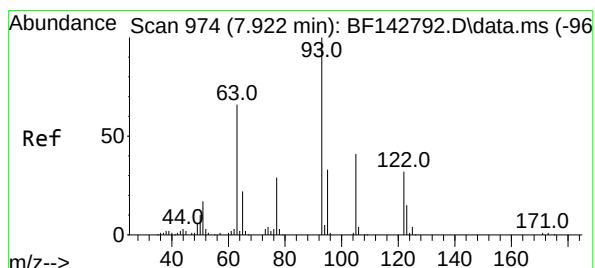
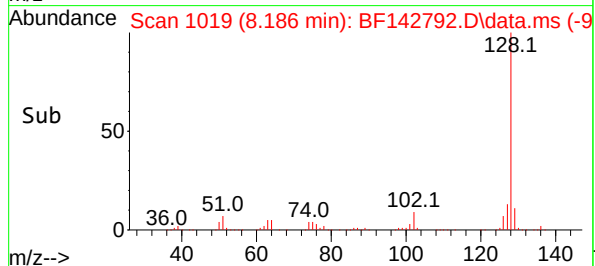
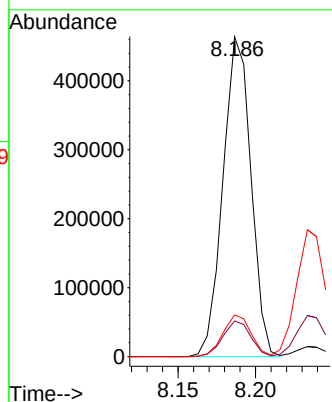
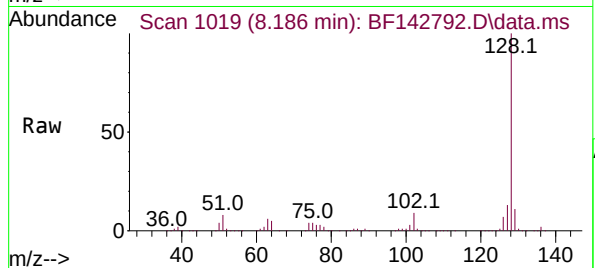




#31
Naphthalene
Concen: 37.966 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

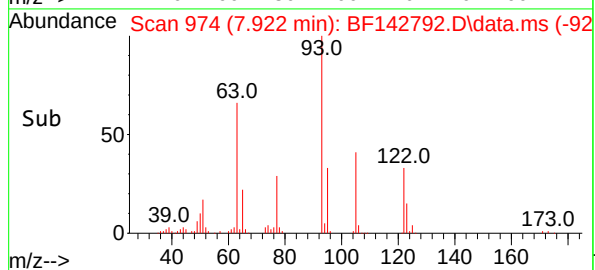
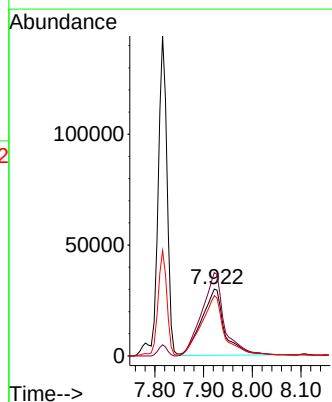
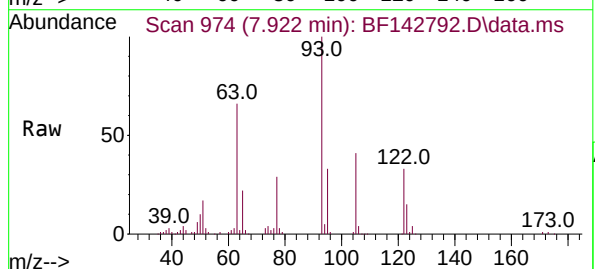
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

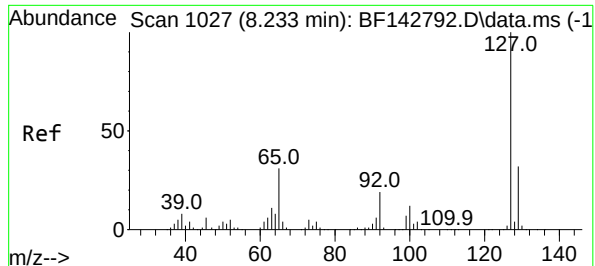
Tgt Ion:128 Resp: 584986
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.4 15.6



#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 :

SSTDICCC040

Tgt Ion:127 Resp: 237317

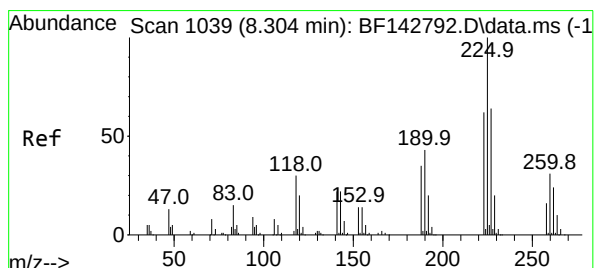
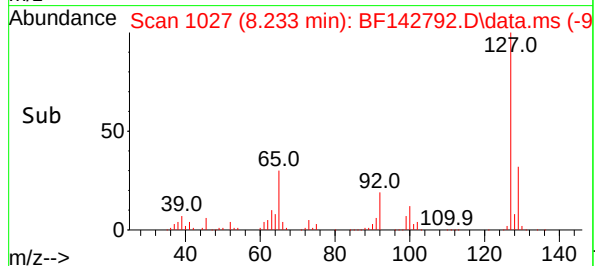
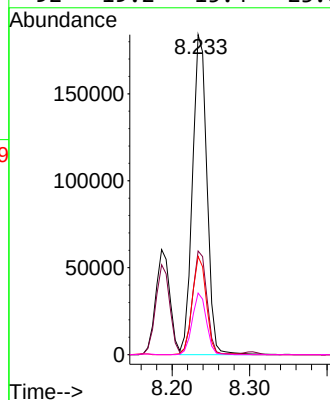
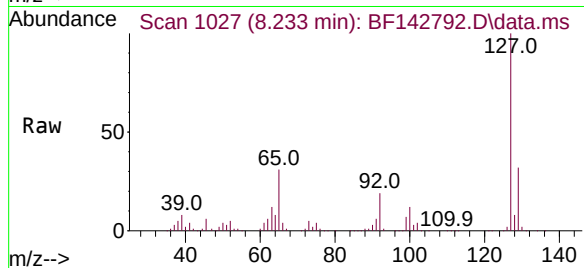
Ion Ratio Lower Upper

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

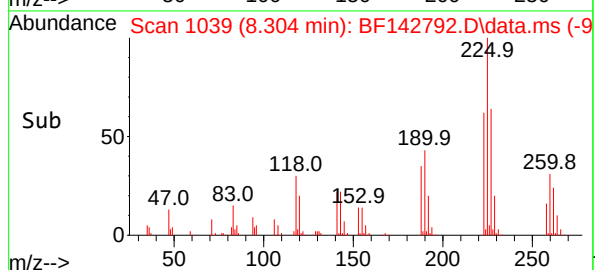
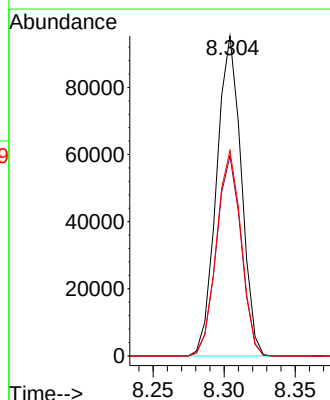
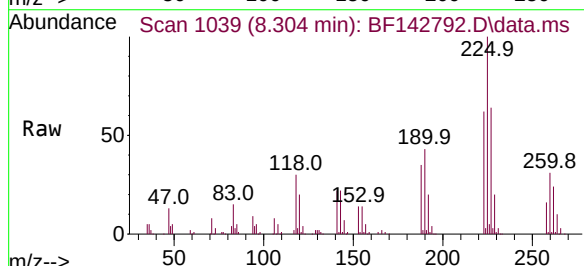
Tgt Ion:225 Resp: 115333

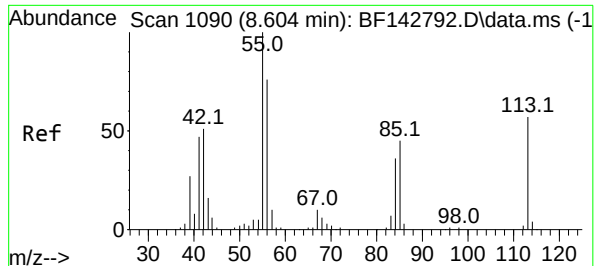
Ion Ratio Lower Upper

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 :

SSTDICCC040

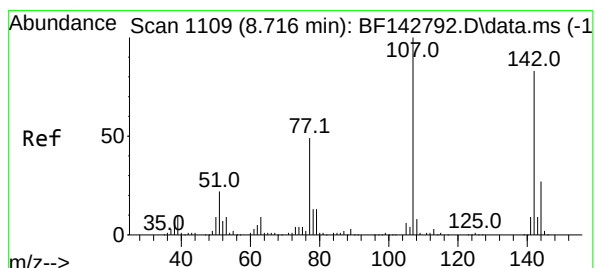
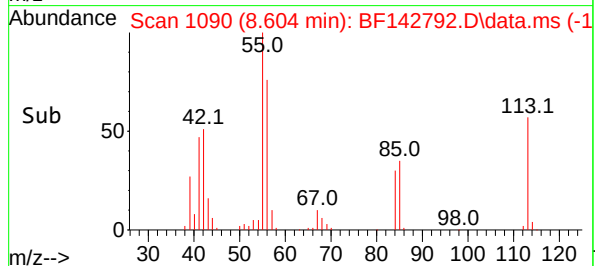
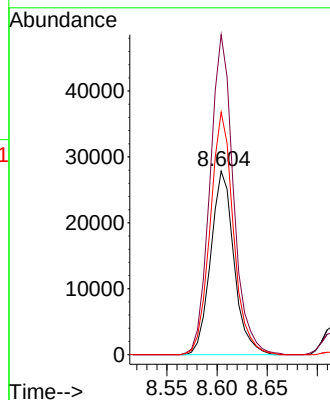
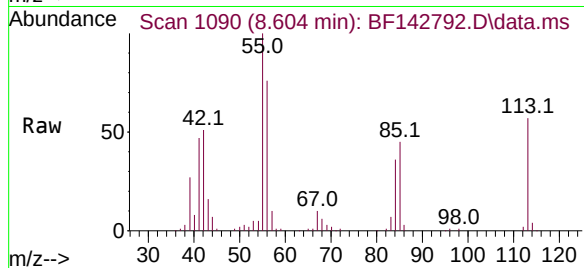
Tgt Ion:113 Resp: 44914

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

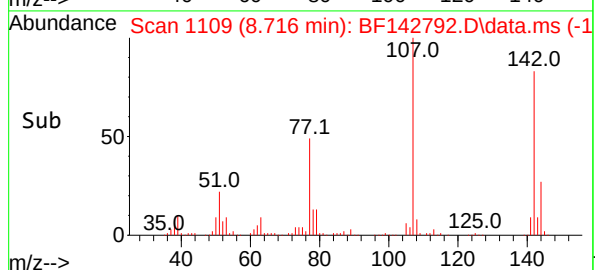
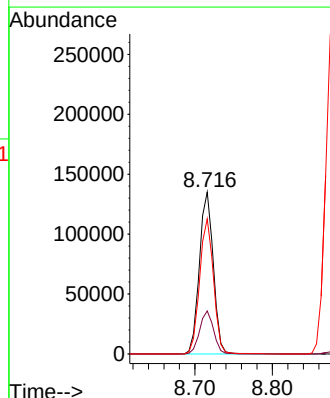
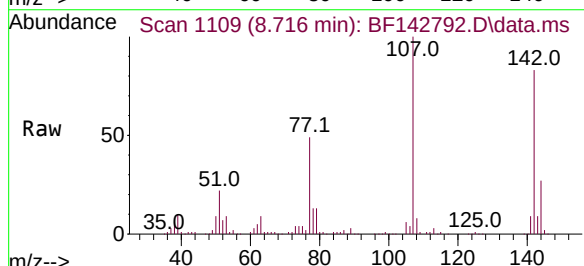
Tgt Ion:107 Resp: 168353

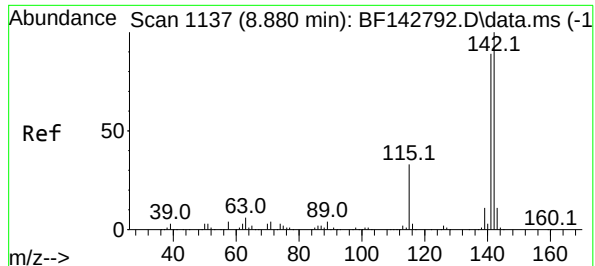
Ion Ratio Lower Upper

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 :

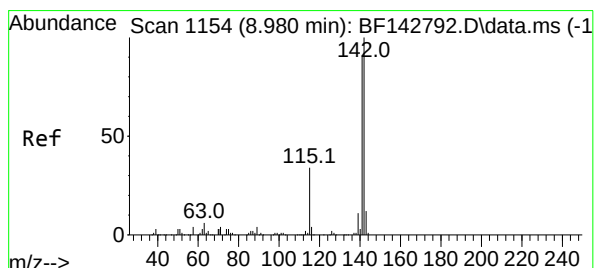
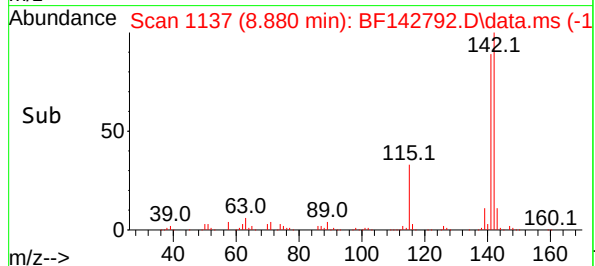
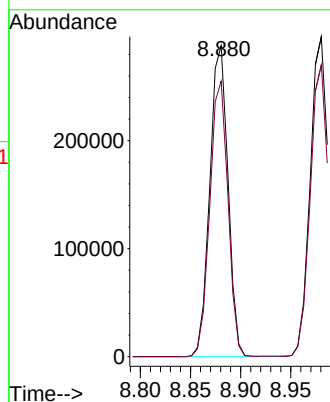
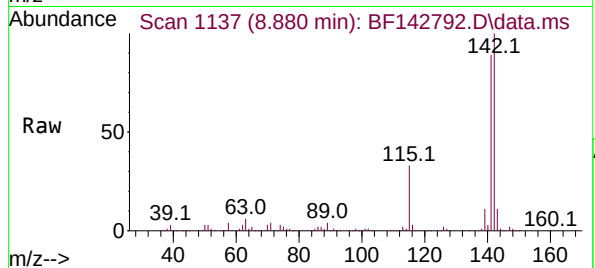
SSTDICCC040

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

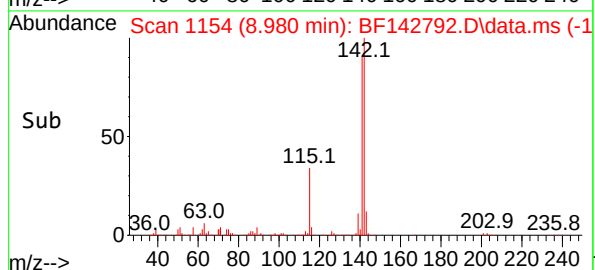
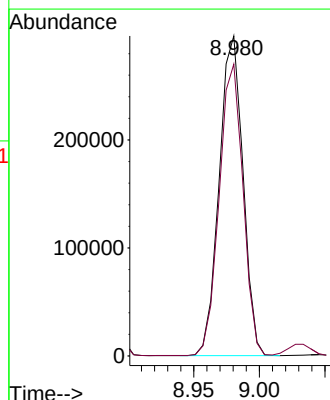
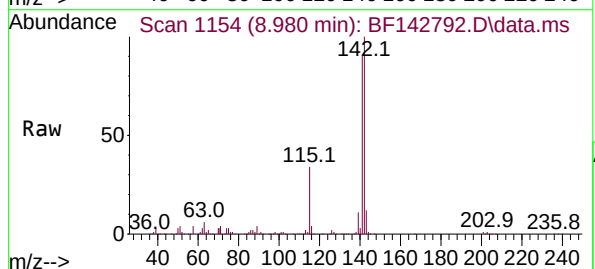
Acq: 19 Jun 2025 19:09

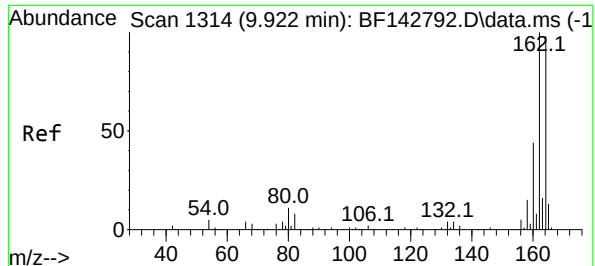
Tgt Ion:142 Resp: 374836

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# 1314

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

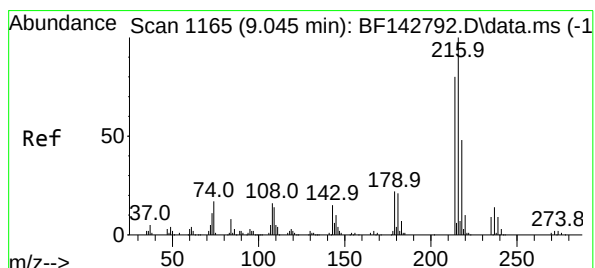
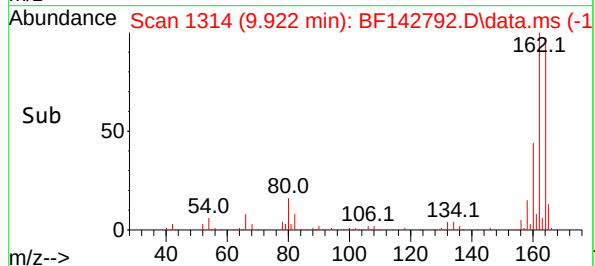
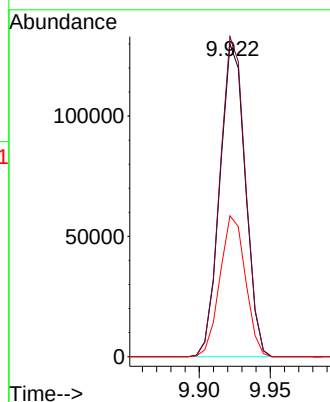
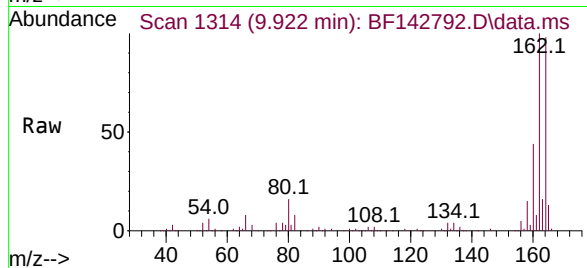
Tgt Ion:164 Resp: 161991

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

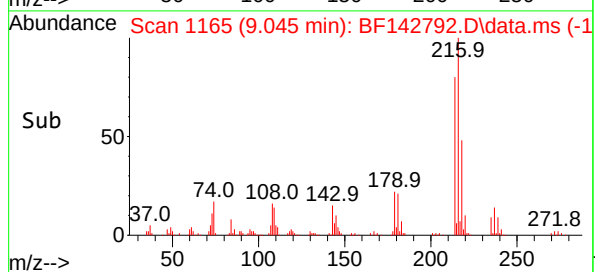
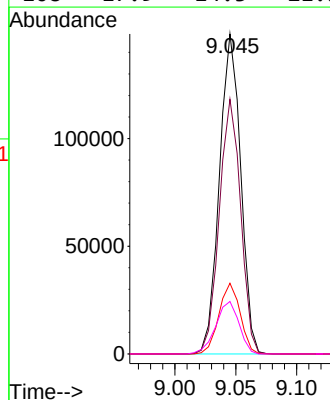
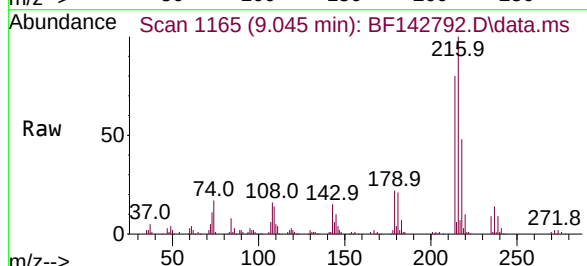
Ion Ratio Lower Upper

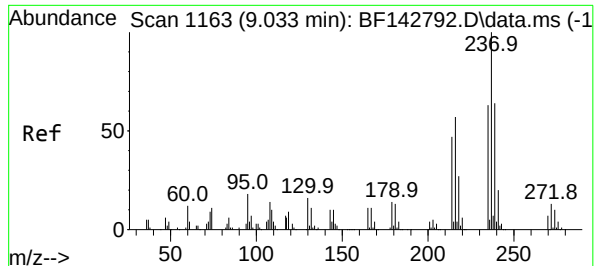
216 100

214 79.6 63.7 95.5

179 22.0 17.6 26.4

108 17.9 14.3 21.5

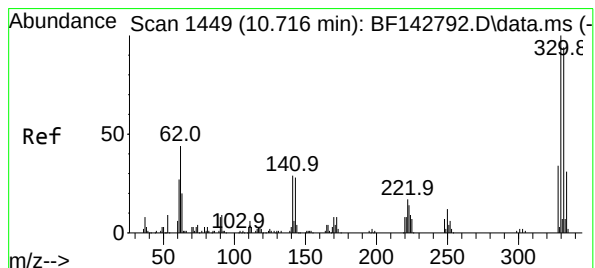
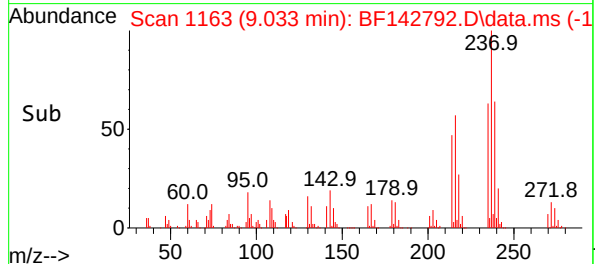
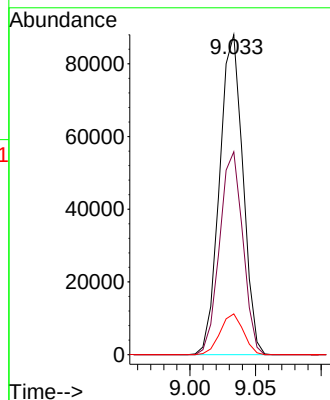
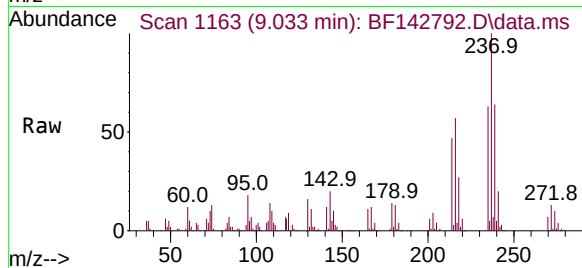




#41
Hexachlorocyclopentadiene
Concen: 36.863 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

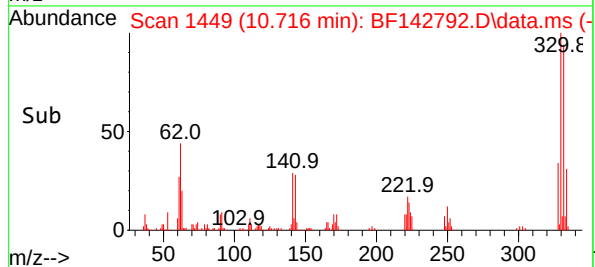
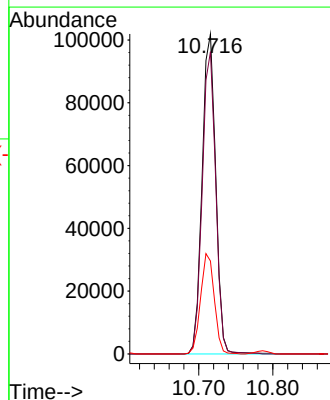
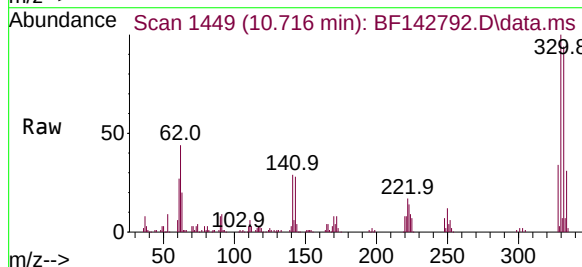
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

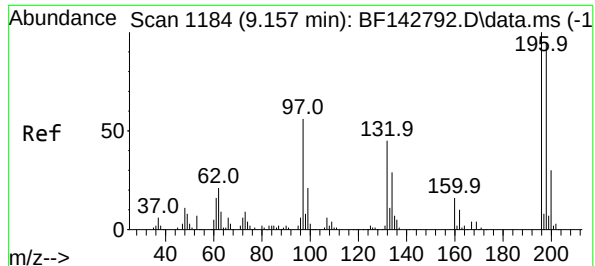
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.4	83.4
272	12.7	0.0	32.7



#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	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

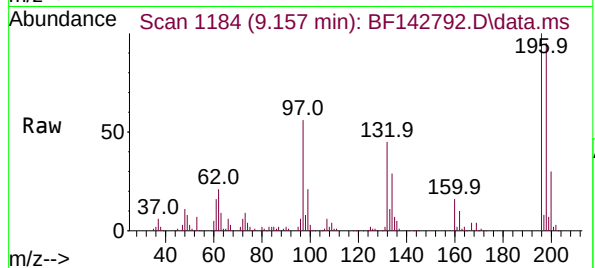
Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



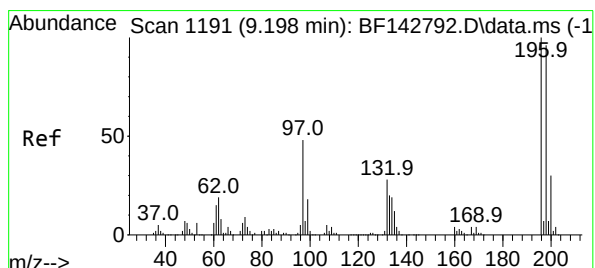
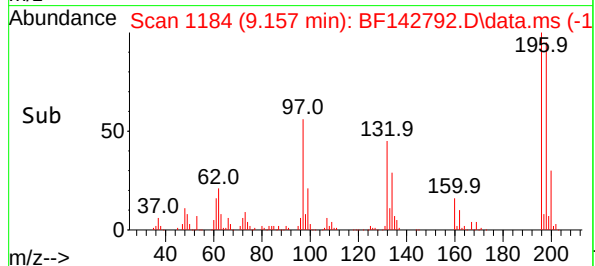
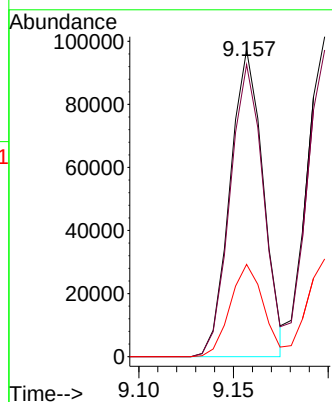
Tgt Ion:196 Resp: 118412

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

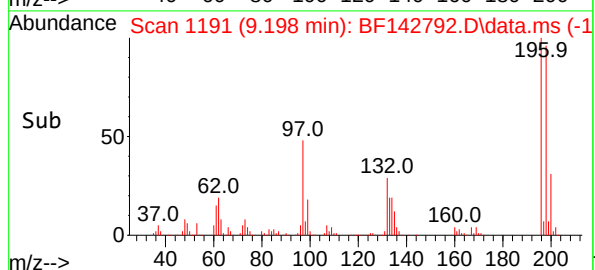
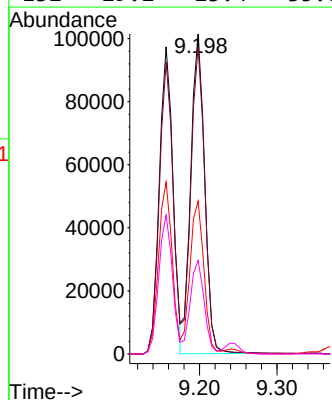
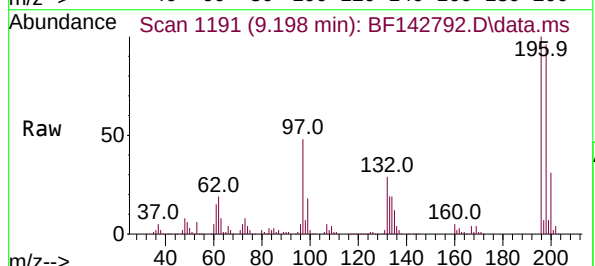
Ion Ratio Lower Upper

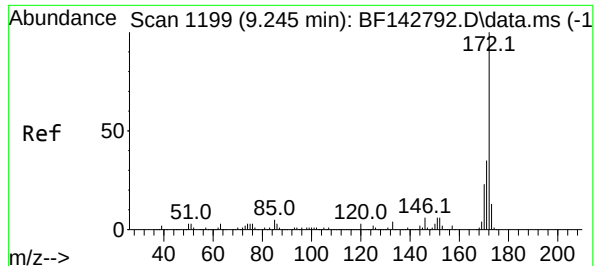
196 100

198 95.8 76.6 115.0

97 47.7 38.2 57.2

132 29.2 23.4 35.0

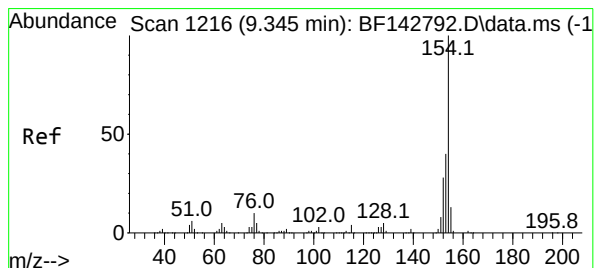
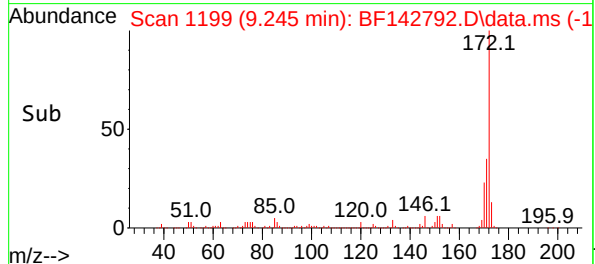
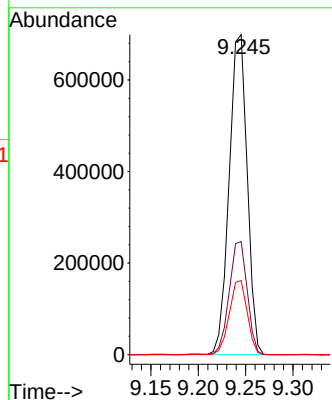
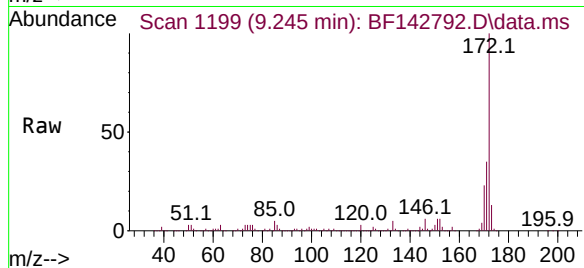




#45
2-Fluorobiphenyl
Concen: 76.120 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

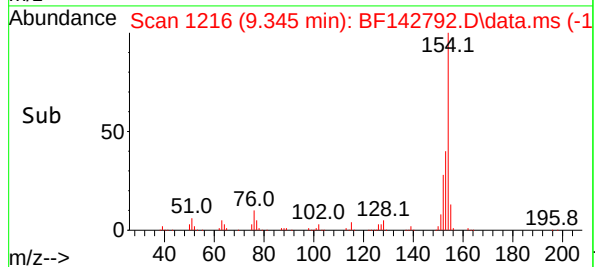
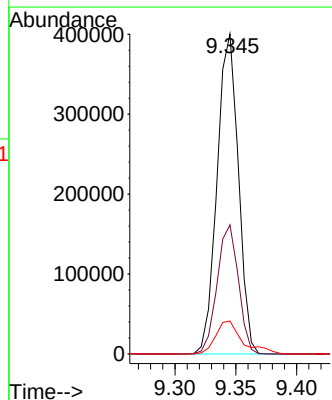
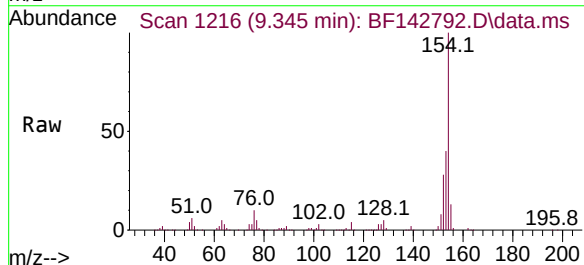
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

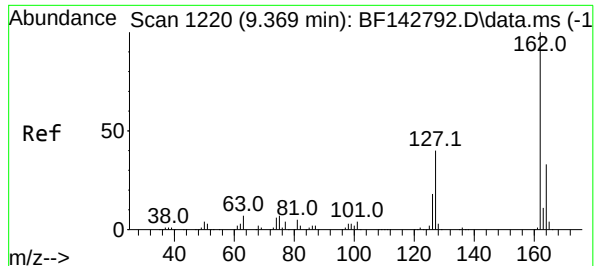
Tgt Ion:172 Resp: 926905
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.1 18.5 27.7



#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 :

SSTDICCC040

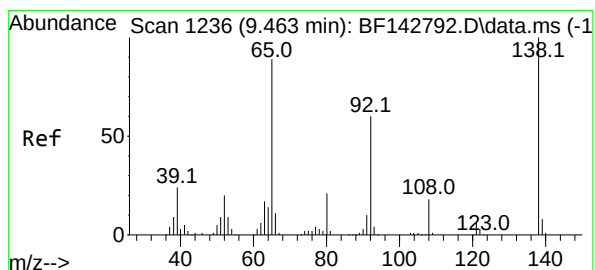
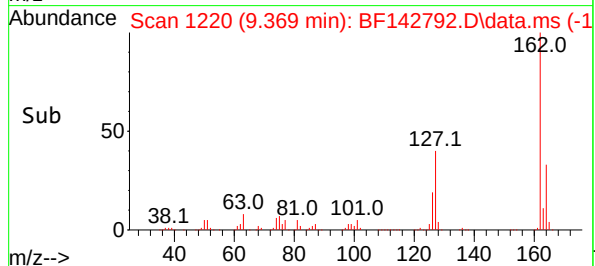
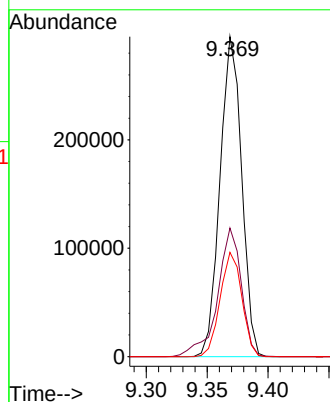
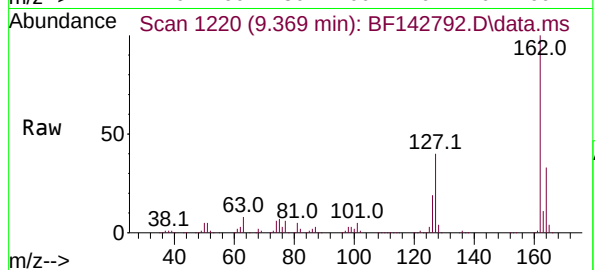
Tgt Ion:162 Resp: 365760

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

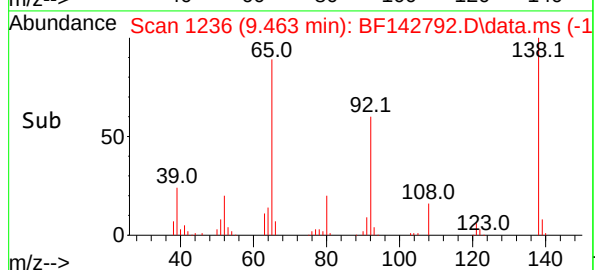
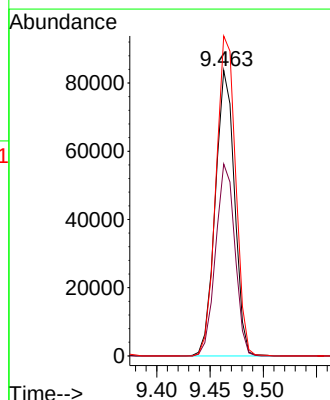
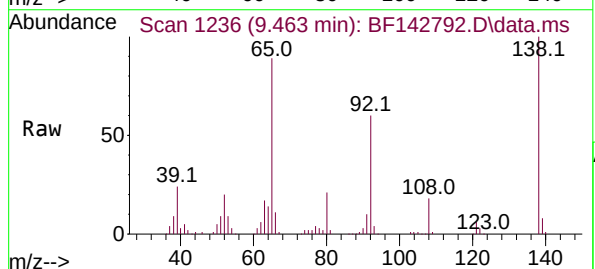
Tgt Ion: 65 Resp: 105098

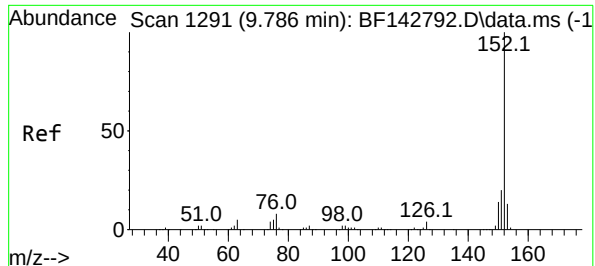
Ion Ratio Lower Upper

65 100

92 67.2 53.8 80.6

138 112.0 89.6 134.4

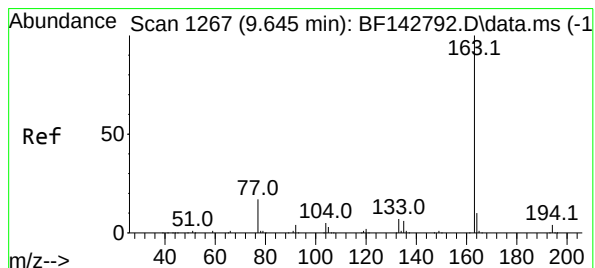
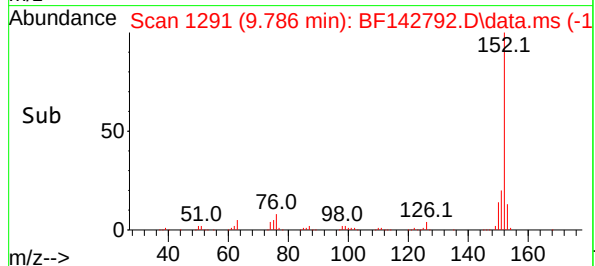
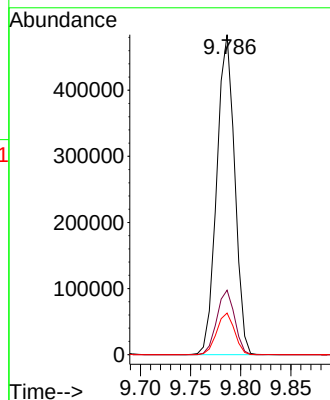
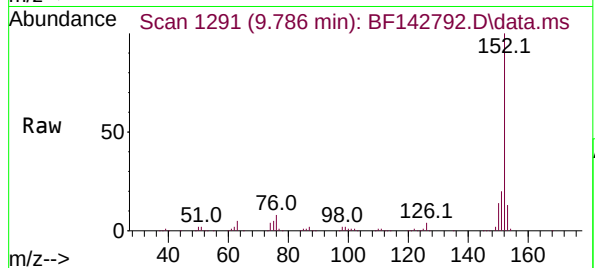




#49
Acenaphthylene
Concen: 38.649 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

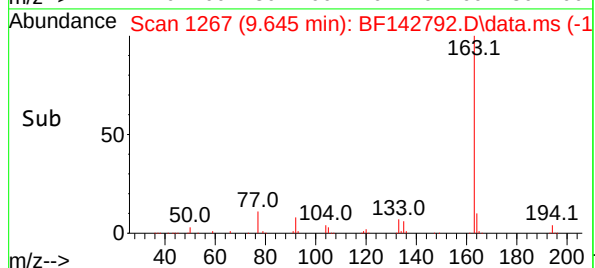
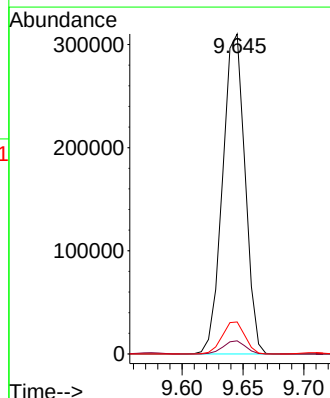
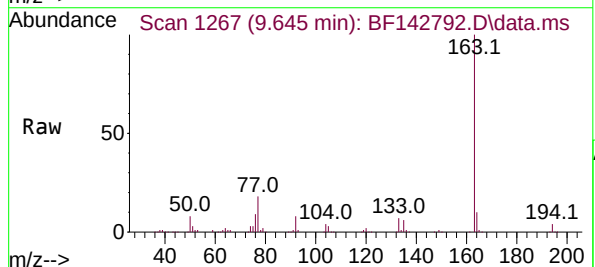
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

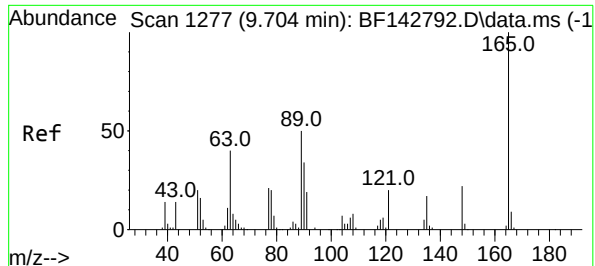
Tgt Ion:152 Resp: 603057
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.0 10.4 15.6



#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 :

SSTDICCC040

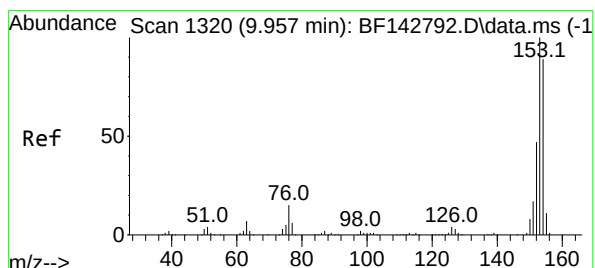
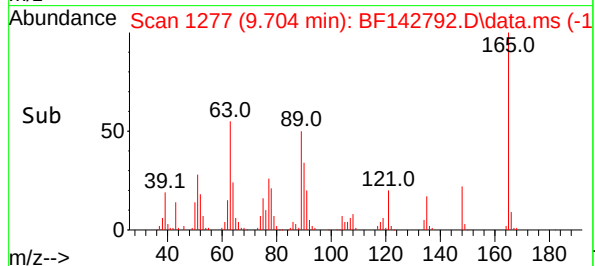
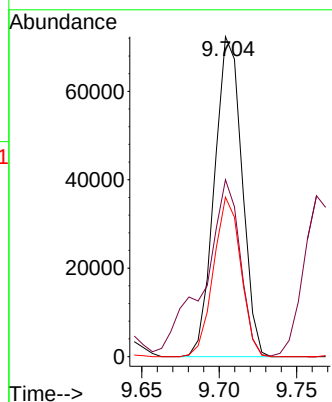
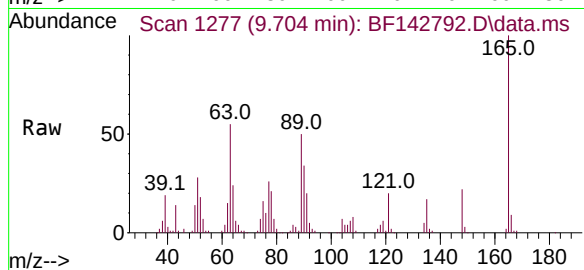
Tgt Ion:165 Resp: 89811

Ion Ratio Lower Upper

165 100

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

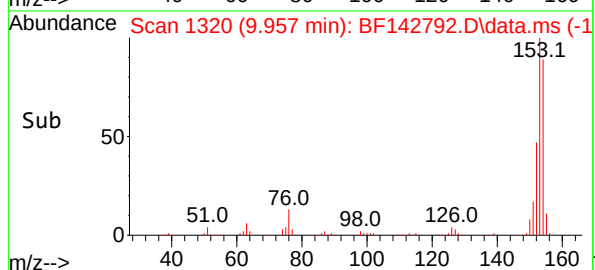
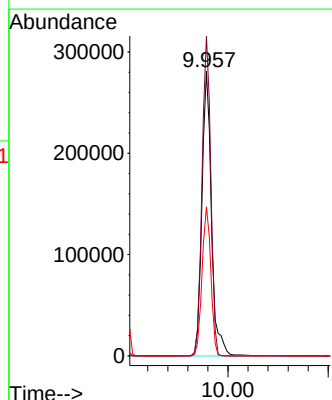
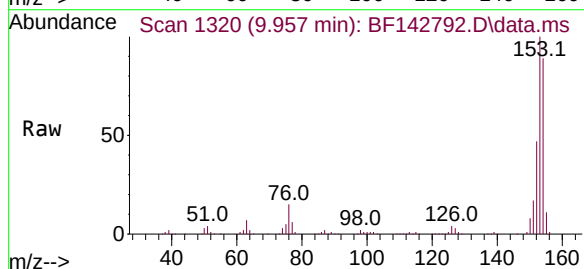
Tgt Ion:154 Resp: 369889

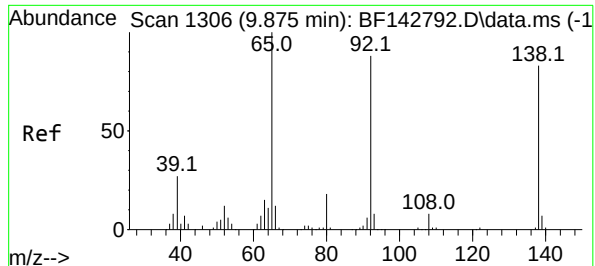
Ion Ratio Lower Upper

154 100

153 112.5 90.0 135.0

152 52.4 41.9 62.9

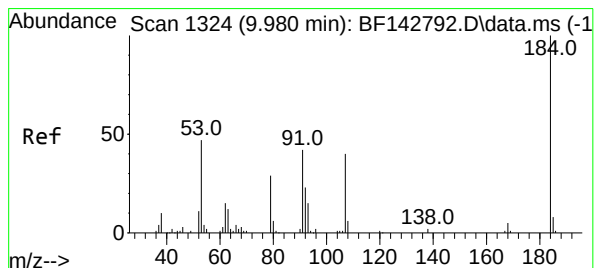
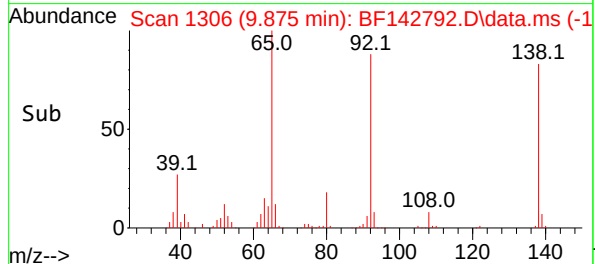
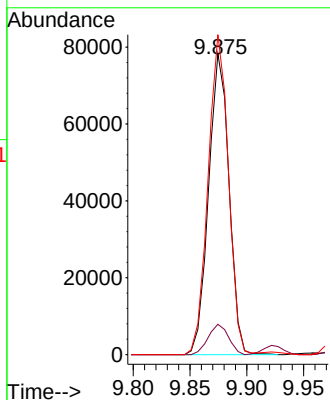
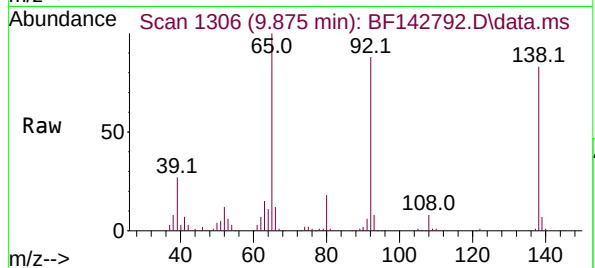




#53
3-Nitroaniline
Concen: 38.714 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

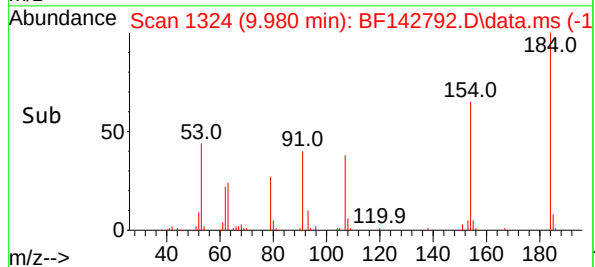
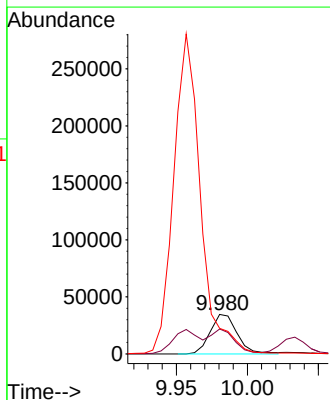
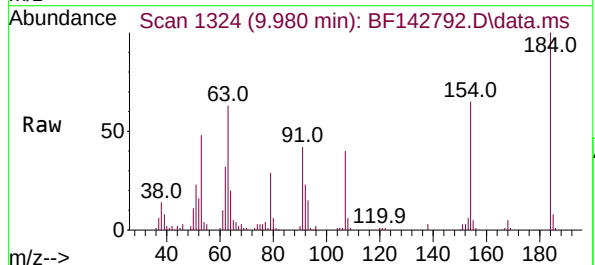
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

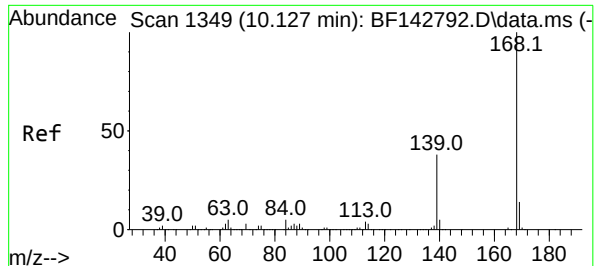
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	106.4	85.1	127.7



#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 :

SSTDICCC040

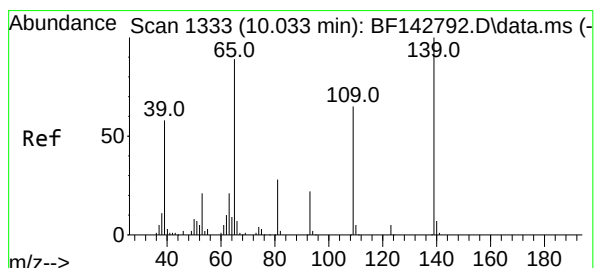
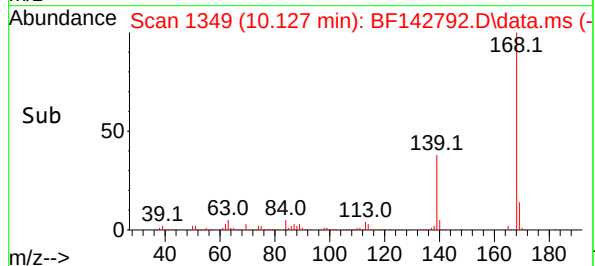
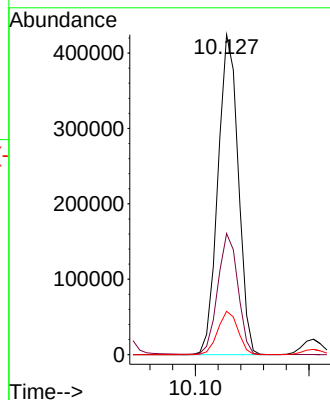
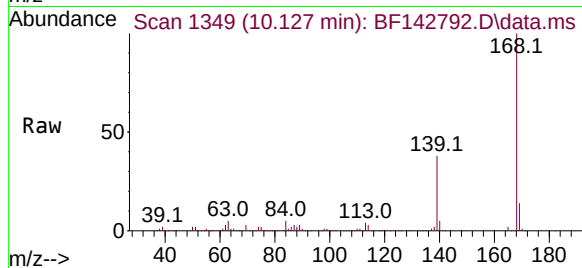
Tgt Ion:168 Resp: 526718

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

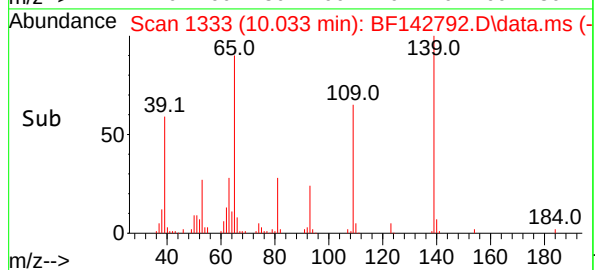
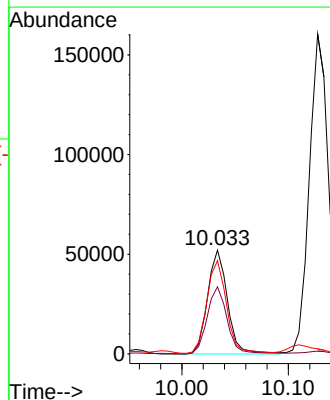
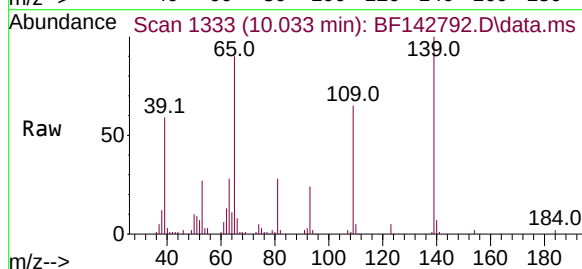
Tgt Ion:139 Resp: 67375

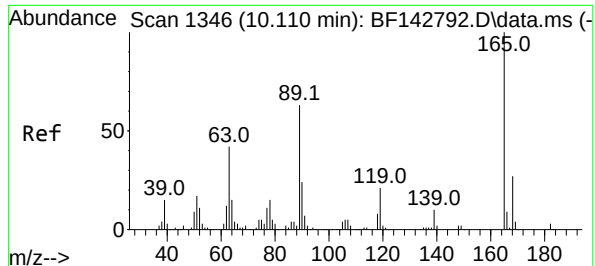
Ion Ratio Lower Upper

139 100

109 64.7 44.7 84.7

65 89.8 69.8 109.8

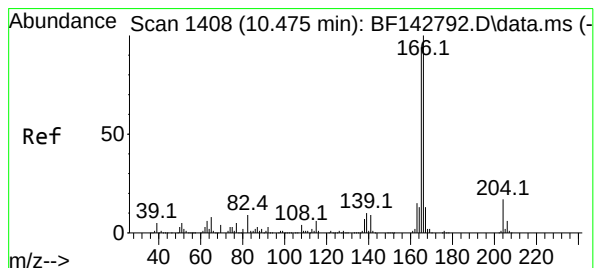
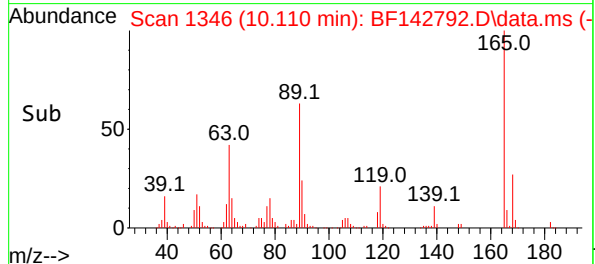
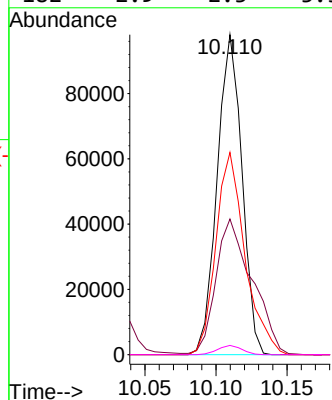
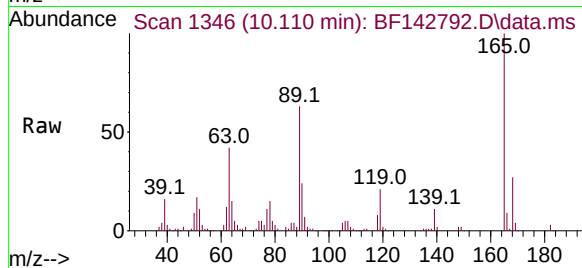




#57
2,4-Dinitrotoluene
Concen: 38.644 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

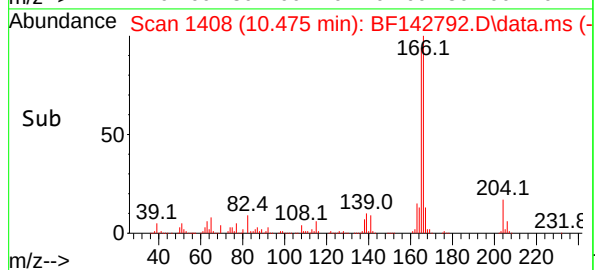
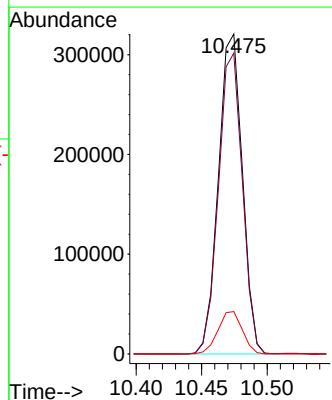
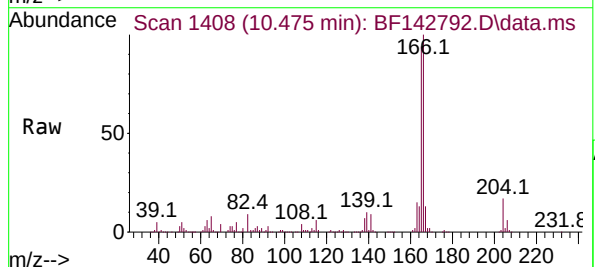
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

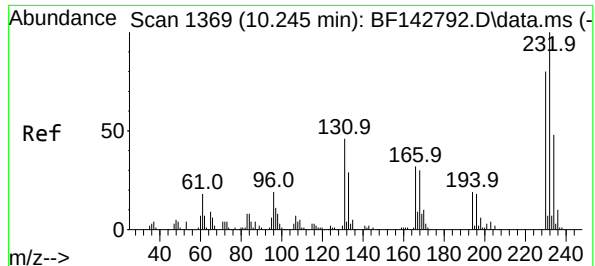
Tgt Ion:165 Resp: 119021
Ion Ratio Lower Upper
165 100
63 42.4 33.9 50.9
89 63.2 50.6 75.8
182 2.9 2.3 3.5



#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

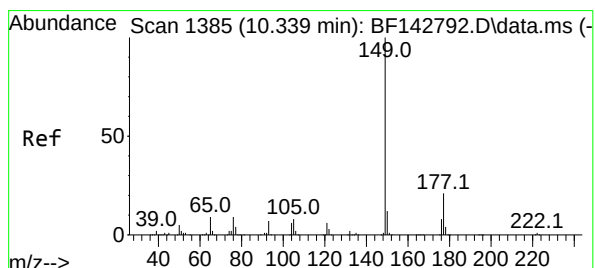
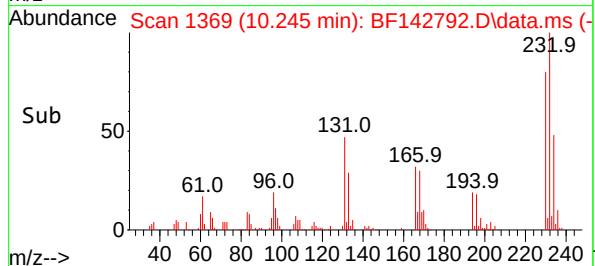
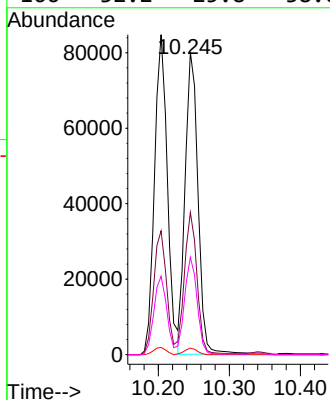
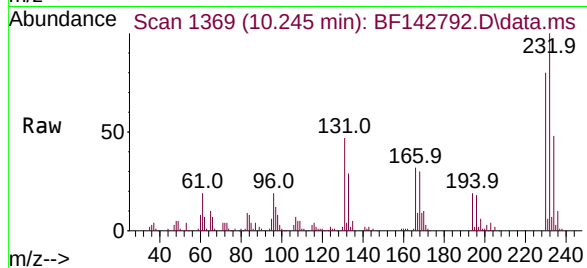




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.847 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

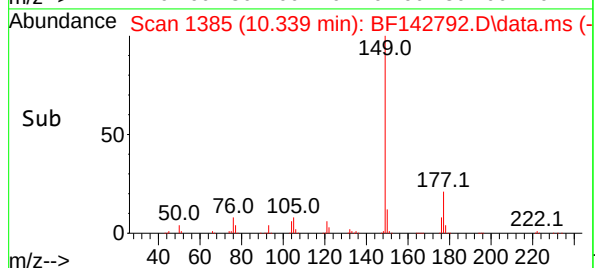
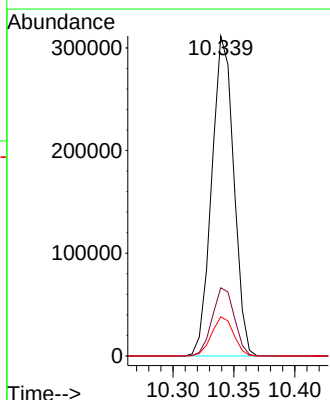
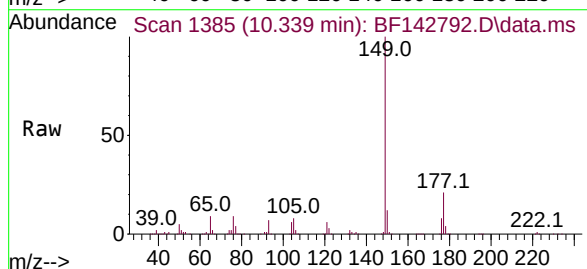
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

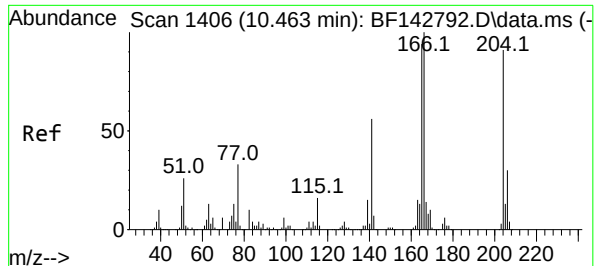
Tgt Ion:232 Resp: 100957
Ion Ratio Lower Upper
232 100
131 47.0 37.6 56.4
130 2.1 1.7 2.5
166 32.2 25.8 38.6



#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

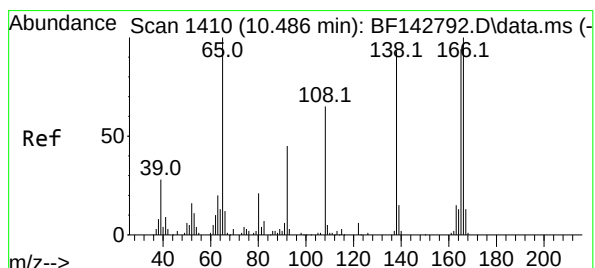
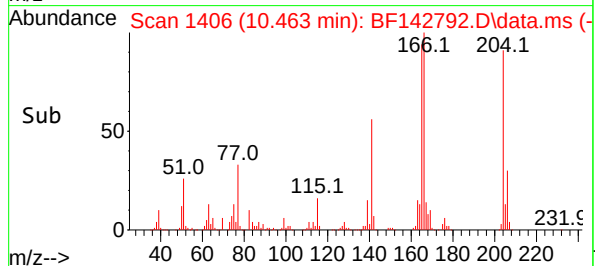
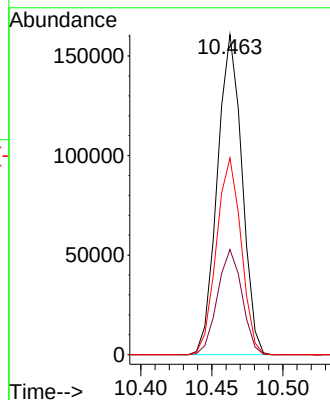
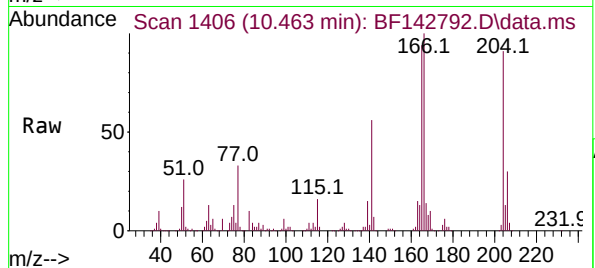




#61
4-Chlorophenyl-phenylether
Concen: 36.726 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

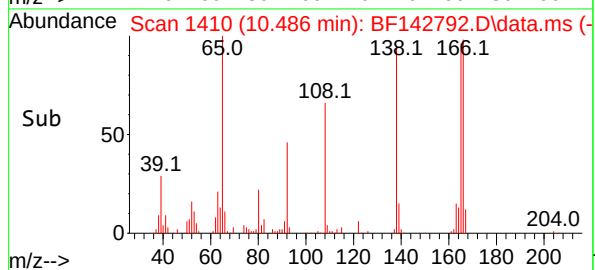
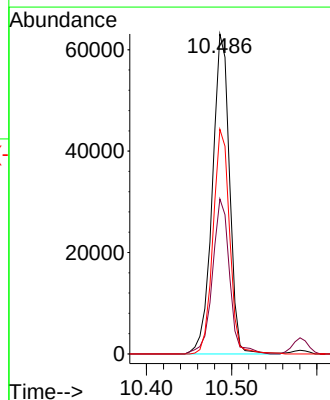
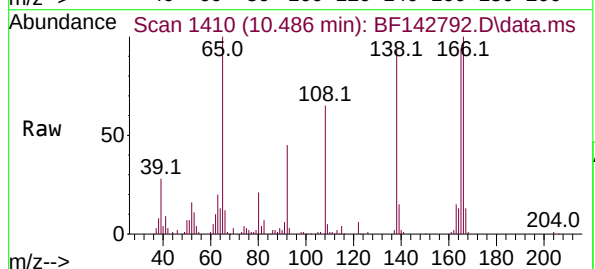
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

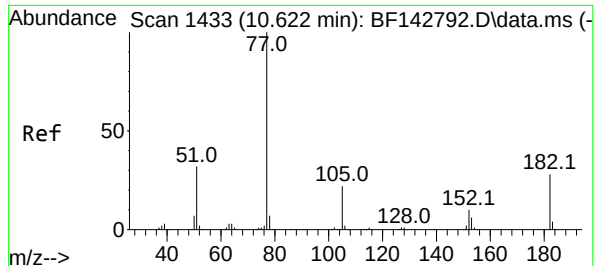
Tgt Ion:204 Resp: 193928
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 61.4 49.1 73.7



#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

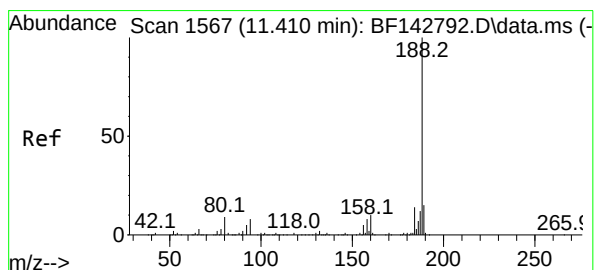
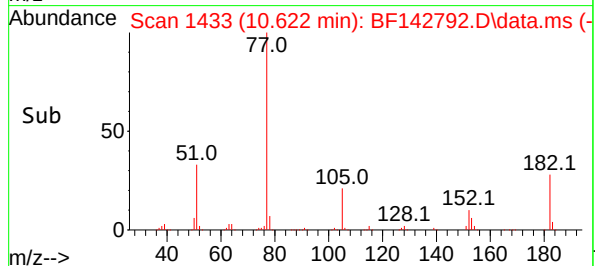
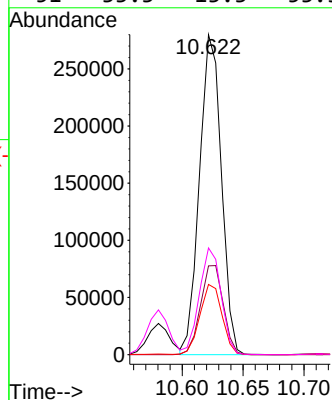
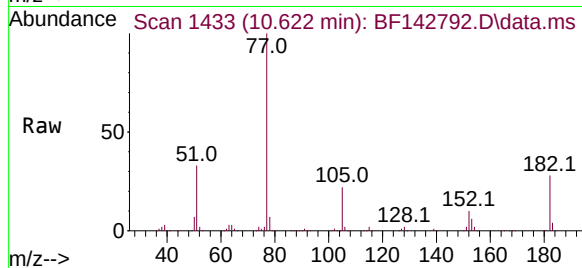




#63
Azobenzene
Concen: 37.534 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

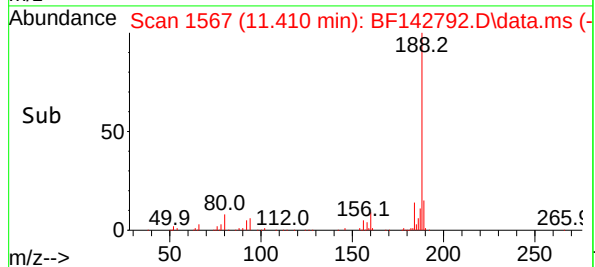
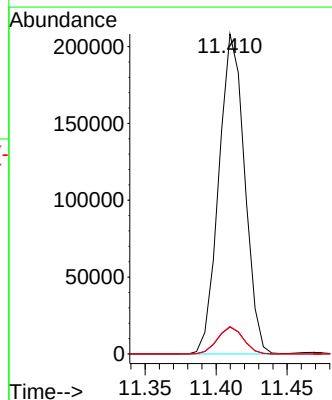
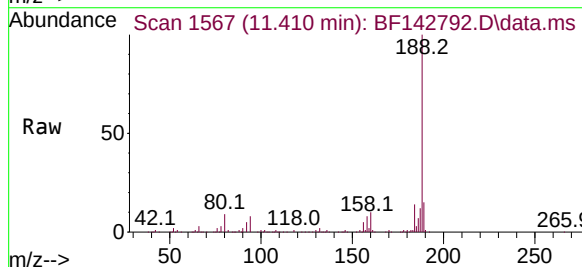
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

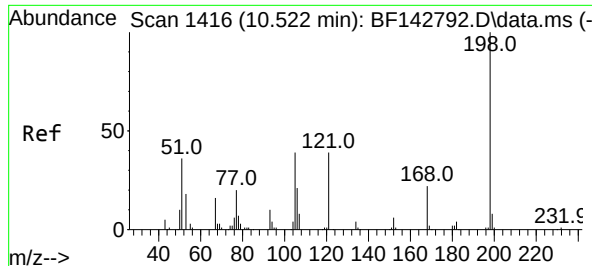
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.7	47.7
105	21.9	1.9	41.9
51	33.3	13.3	53.3



#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

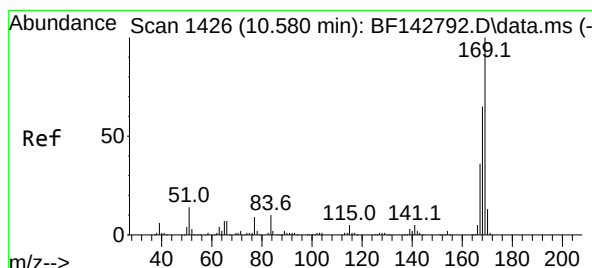
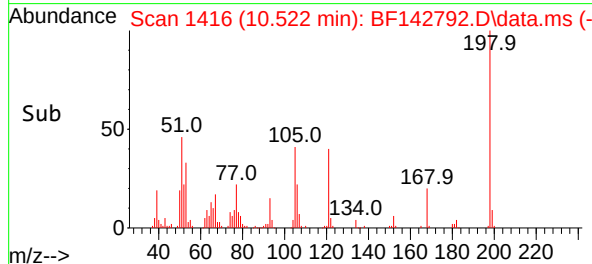
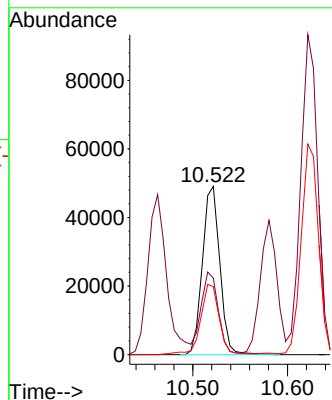
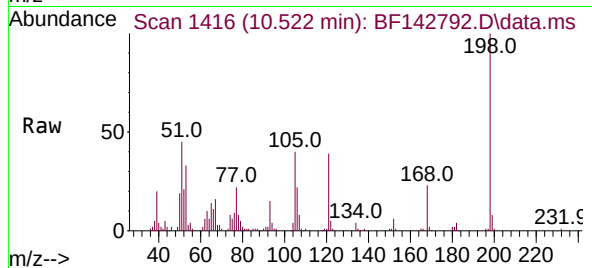




#65
4,6-Dinitro-2-methylphenol
Concen: 38.375 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

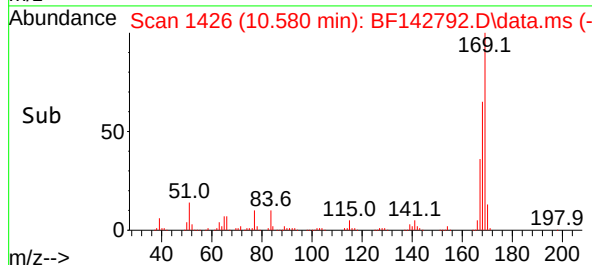
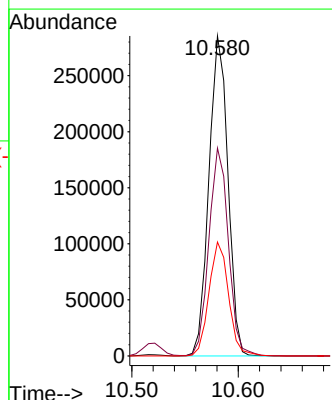
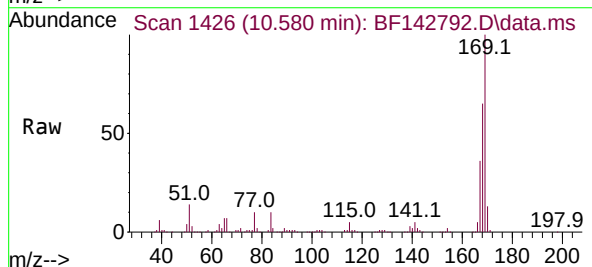
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

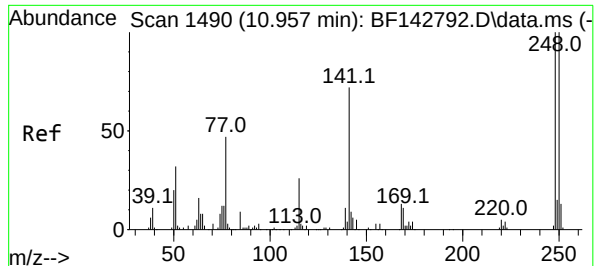
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.4	25.4	65.4
105	40.4	20.4	60.4



#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	Ratio	Lower	Upper
169	100		
168	64.9	51.9	77.9
167	35.6	28.5	42.7

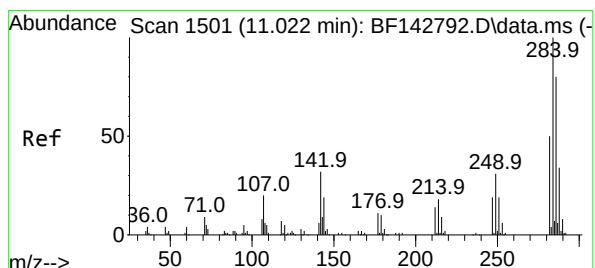
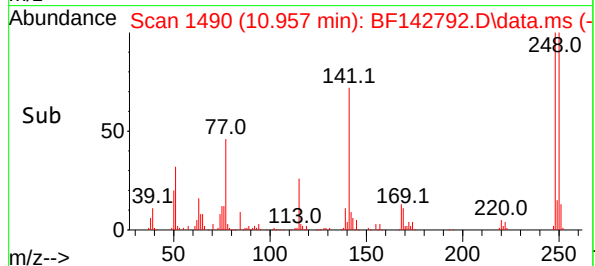
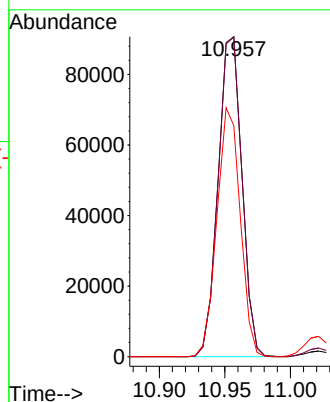
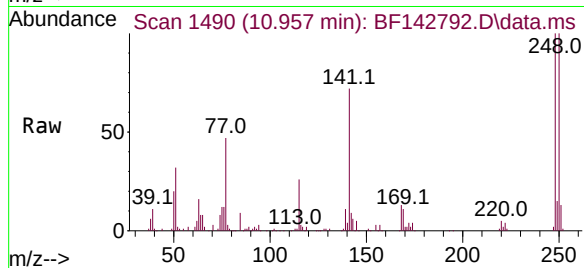




#67
4-Bromophenyl-phenylether
Concen: 37.246 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

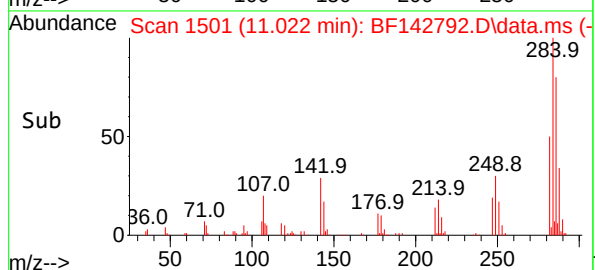
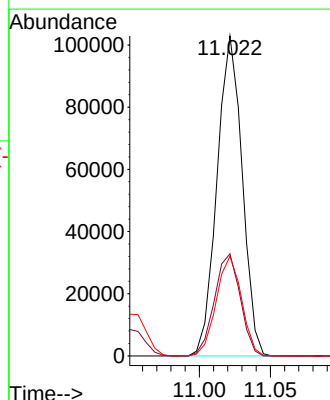
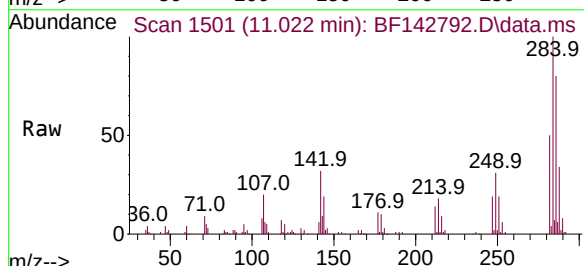
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

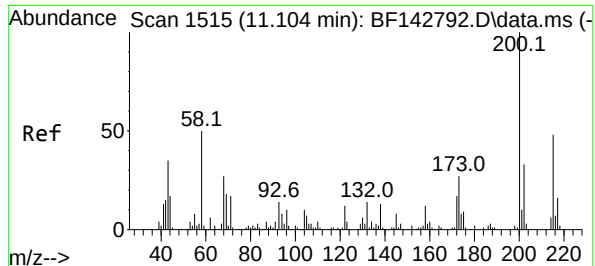
Tgt Ion:248 Resp: 114874
Ion Ratio Lower Upper
248 100
250 99.8 79.8 119.8
141 72.2 57.8 86.6



#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 :

SSTDICCC040

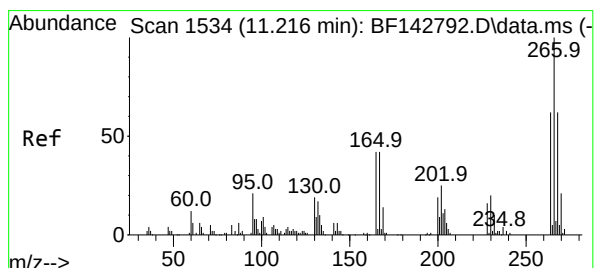
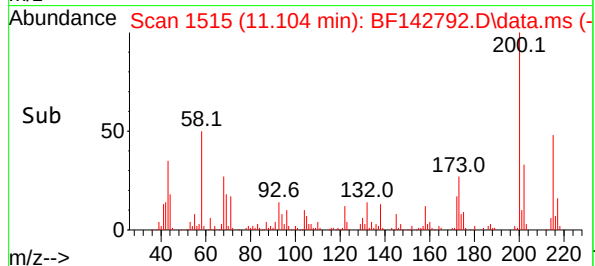
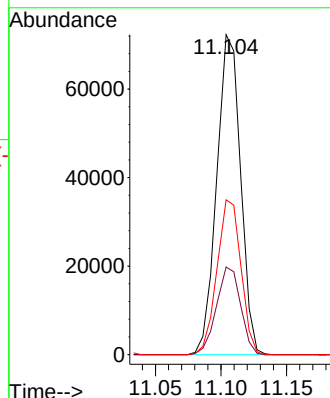
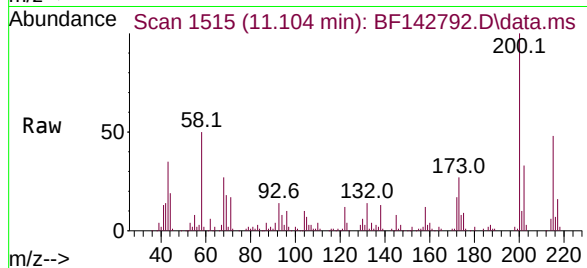
Tgt Ion:200 Resp: 91444

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

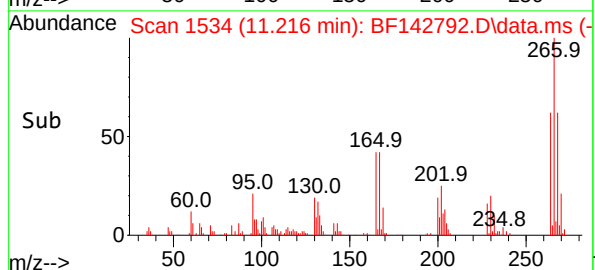
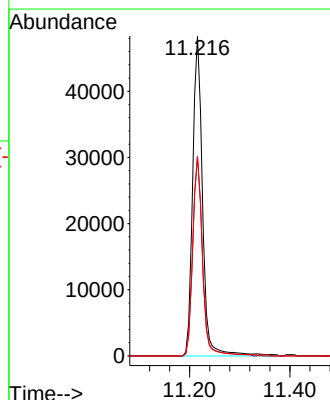
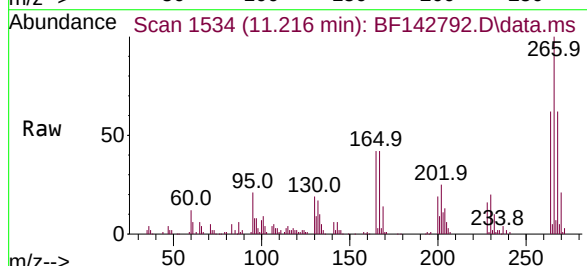
Tgt Ion:266 Resp: 65999

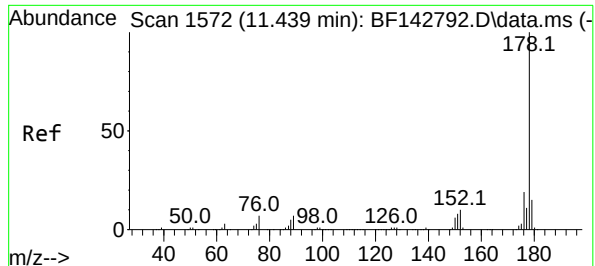
Ion Ratio Lower Upper

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 :

SSTDICCC040

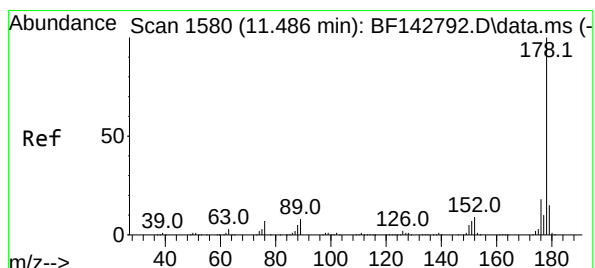
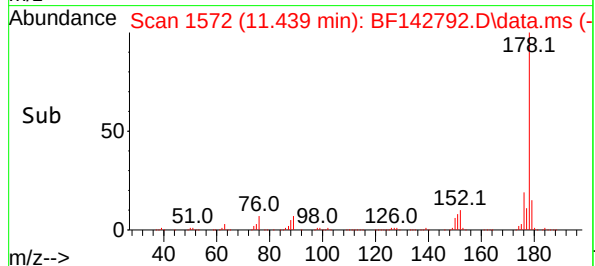
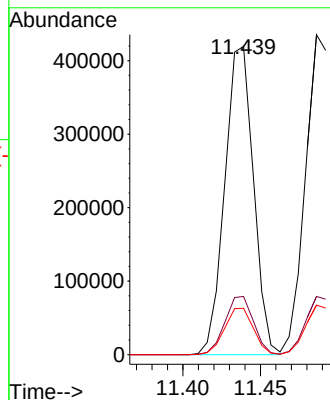
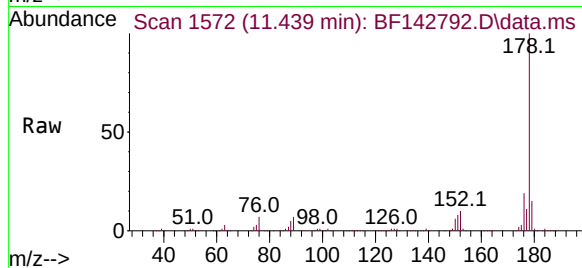
Tgt Ion:178 Resp: 542935

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

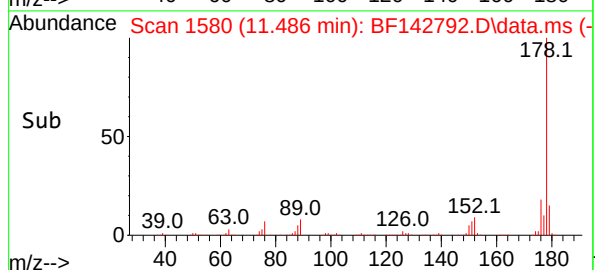
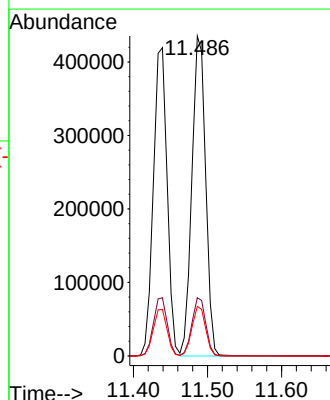
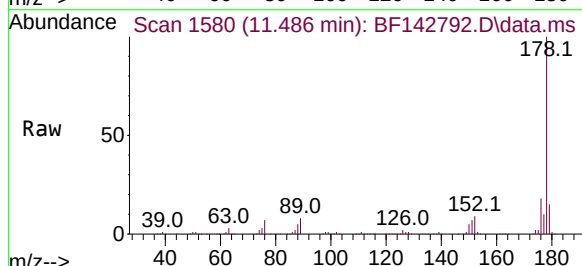
Tgt Ion:178 Resp: 560180

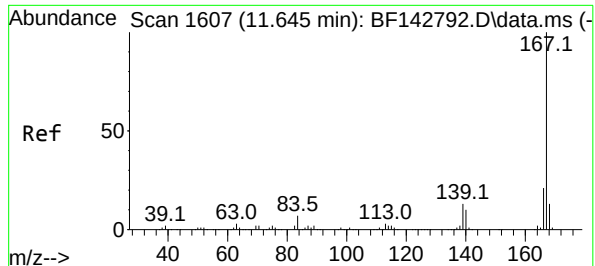
Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

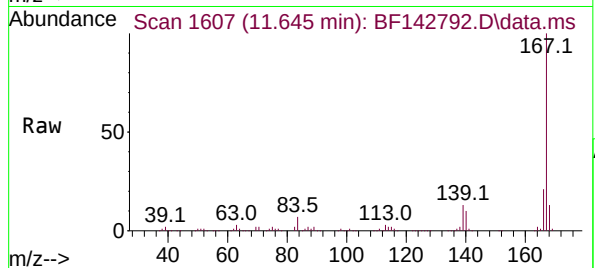
179 15.5 12.4 18.6



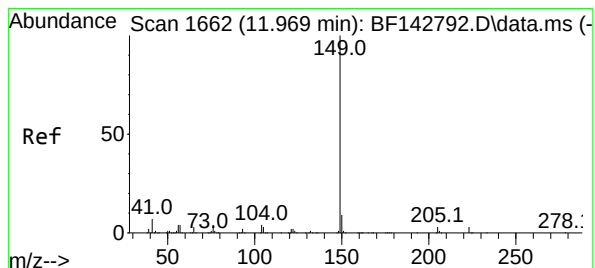
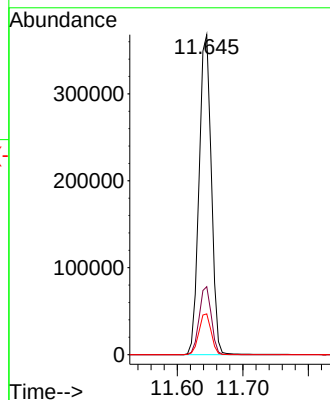
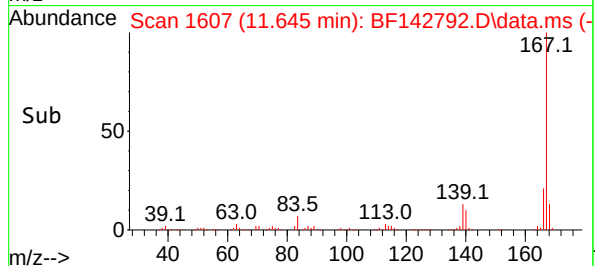


#73
Carbazole
Concen: 38.769 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

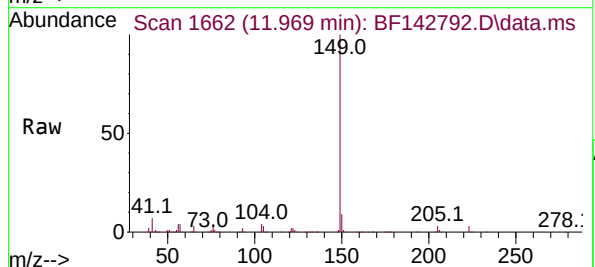
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



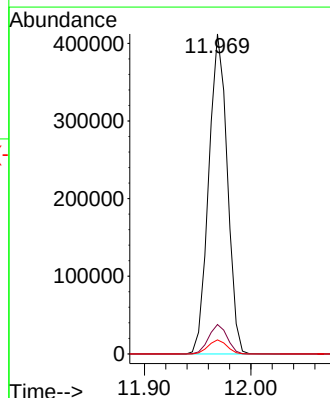
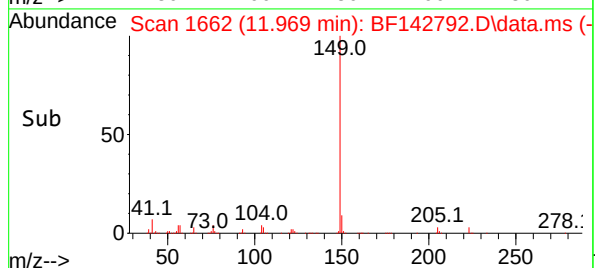
Tgt Ion:167 Resp: 473801
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.7 10.2 15.2

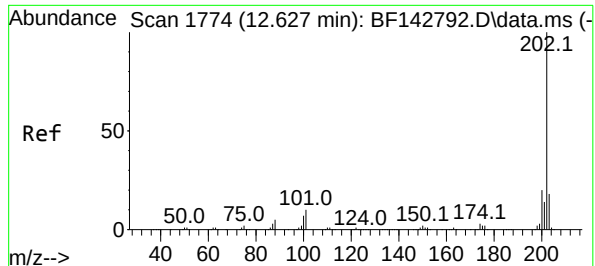


#74
Di-n-butylphthalate
Concen: 36.824 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09



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

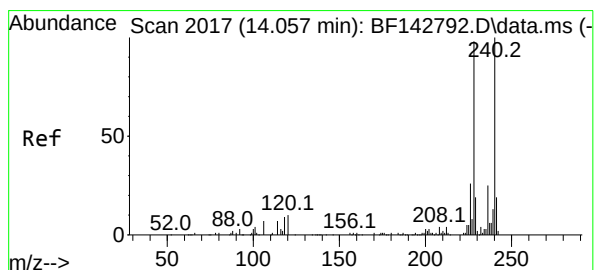
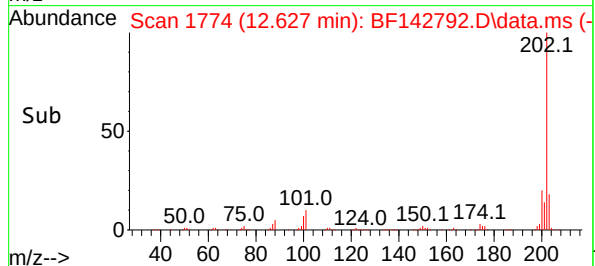
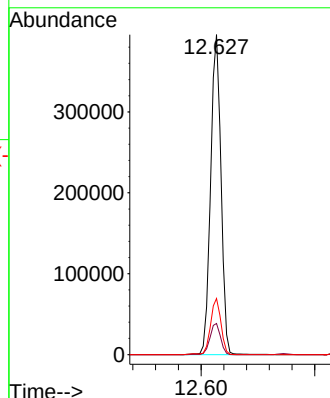
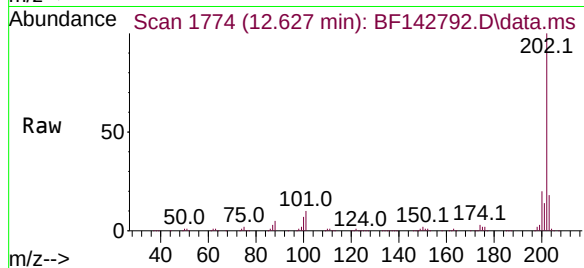




#75
Fluoranthene
Concen: 37.522 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

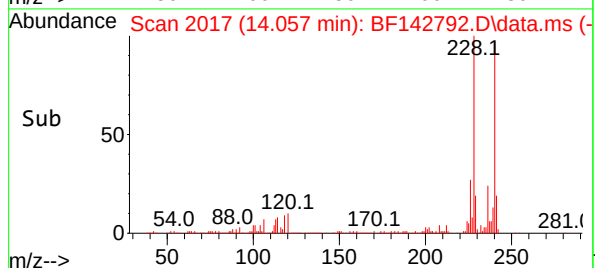
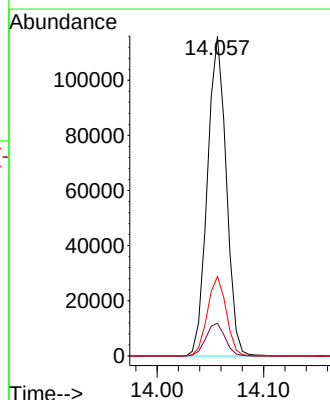
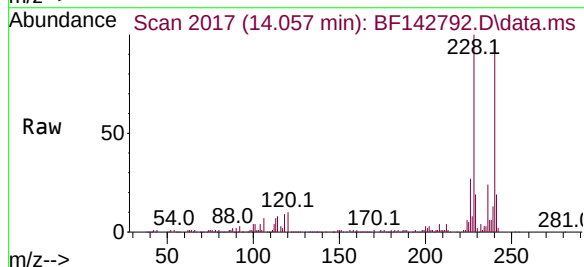
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

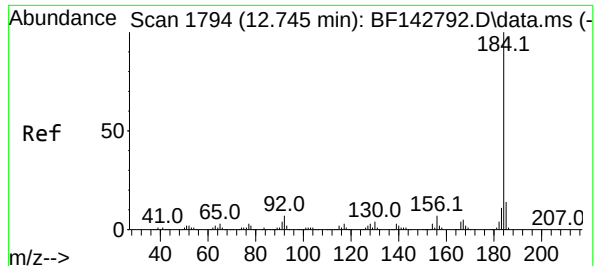
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.7
203	17.5	0.0	37.5



#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 :

SSTDICCC040

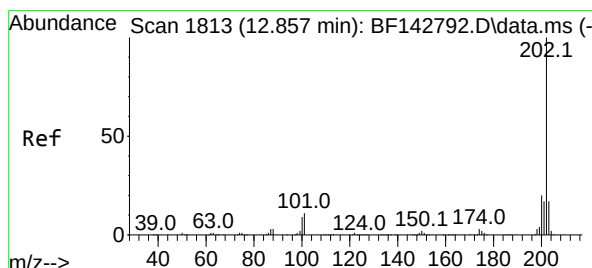
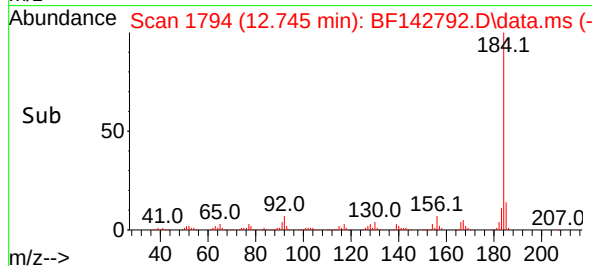
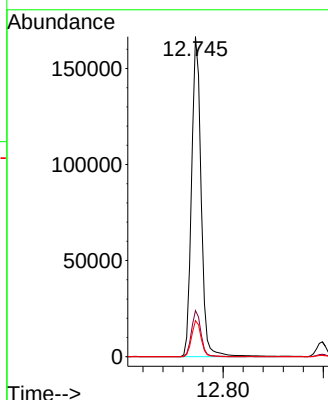
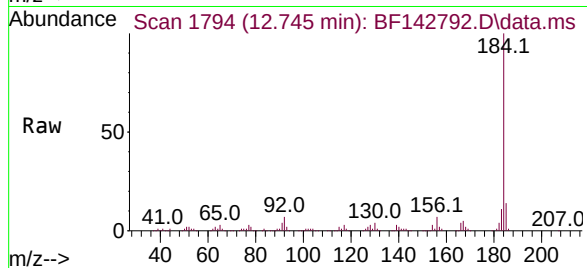
Tgt Ion:184 Resp: 220379

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

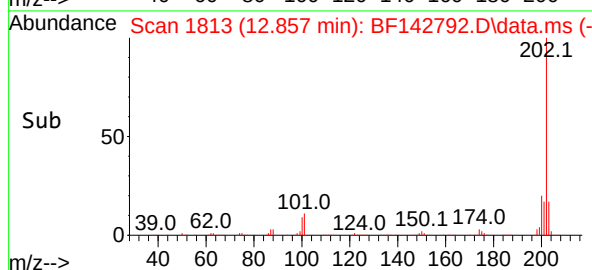
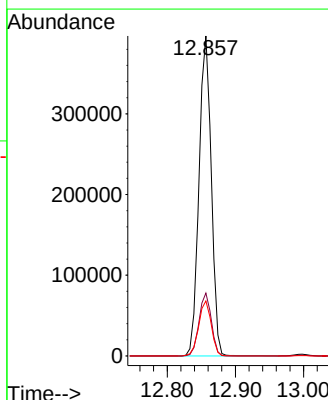
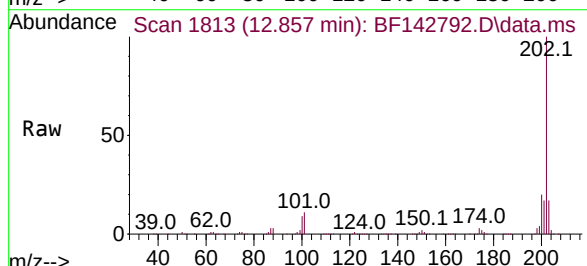
Tgt Ion:202 Resp: 496538

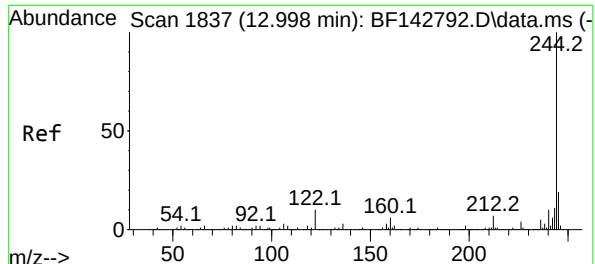
Ion Ratio Lower Upper

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 :

SSTDICCC040

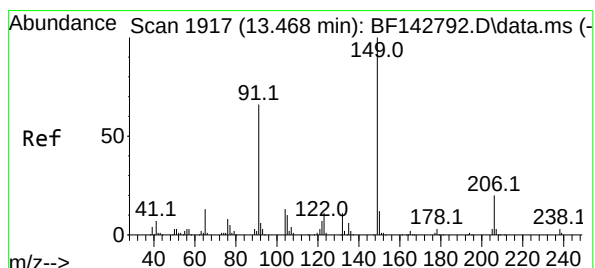
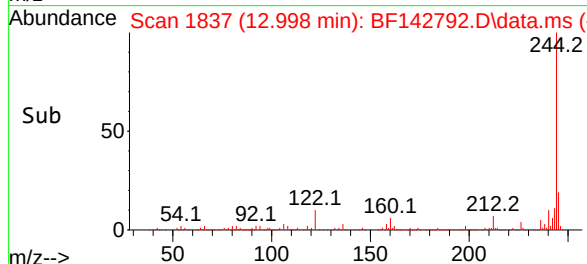
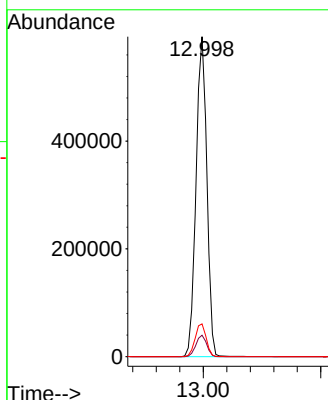
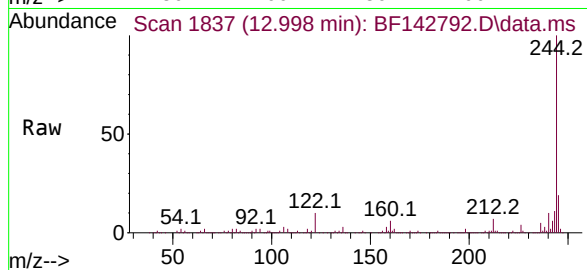
Tgt Ion:244 Resp: 756495

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

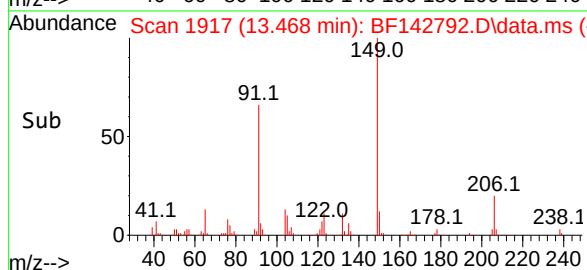
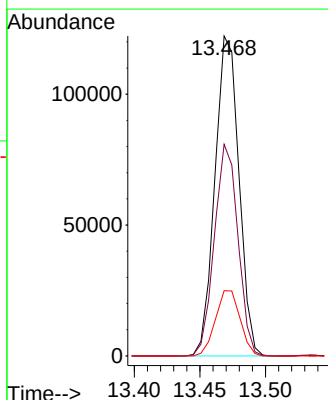
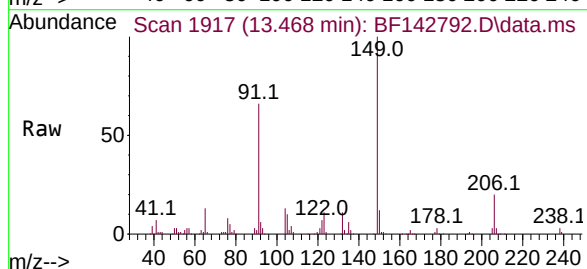
Tgt Ion:149 Resp: 155920

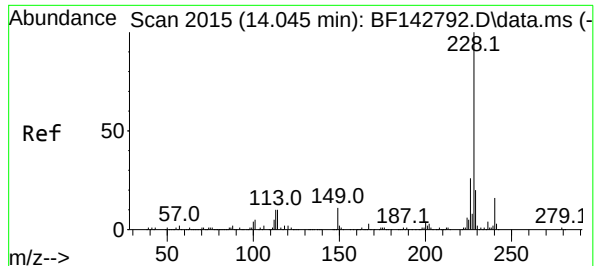
Ion Ratio Lower Upper

149 100

91 66.1 52.9 79.3

206 20.4 16.3 24.5

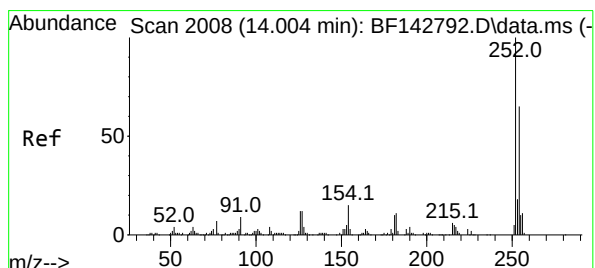
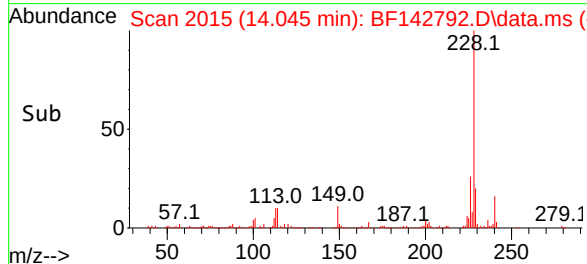
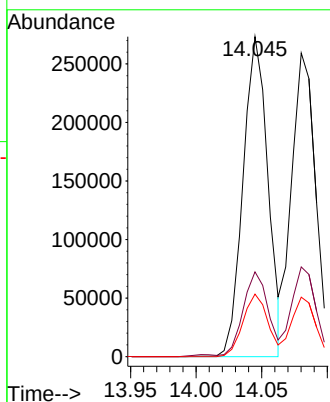
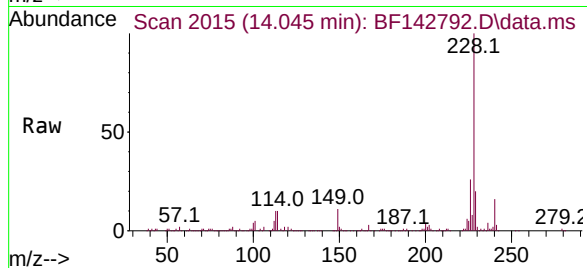




#81
Benzo(a)anthracene
Concen: 38.522 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

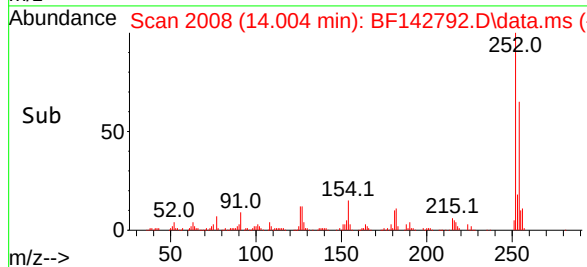
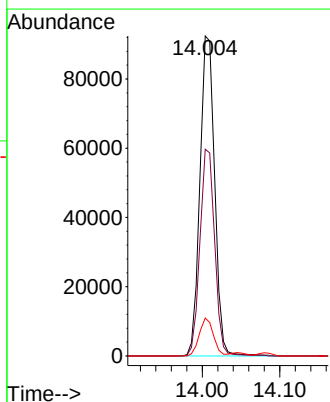
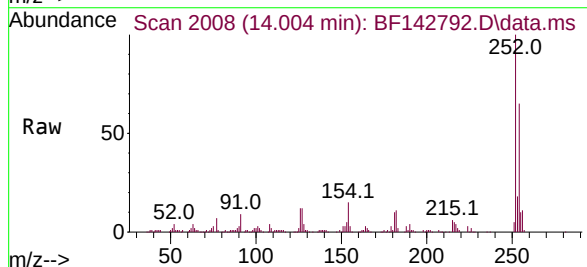
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

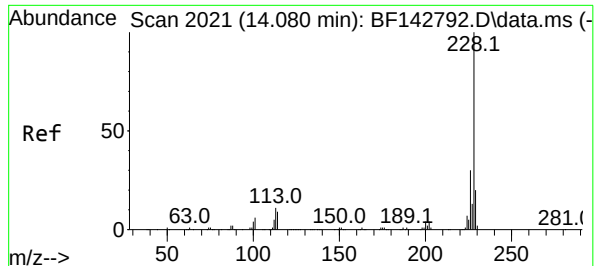
Tgt Ion:228 Resp: 360377
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.5 15.6 23.4



#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

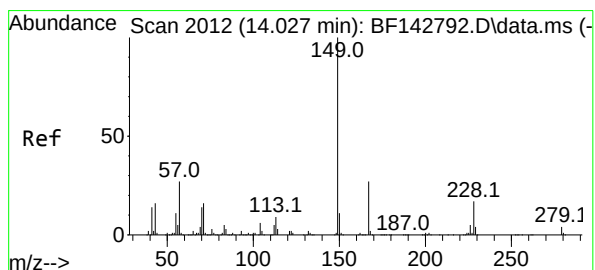
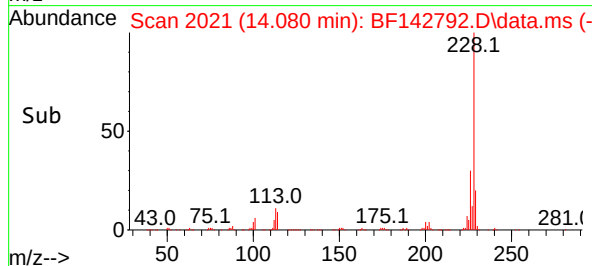
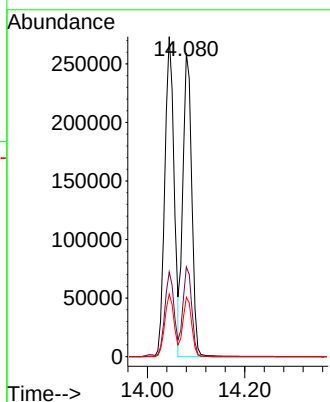
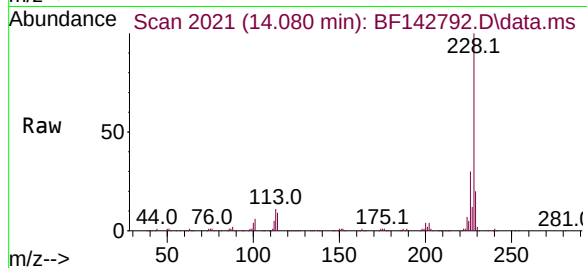




#83
Chrysene
Concen: 38.101 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

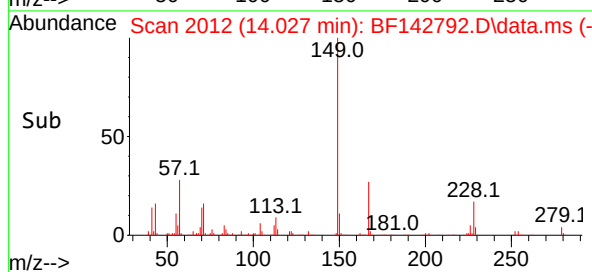
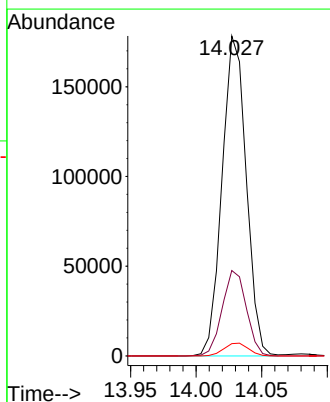
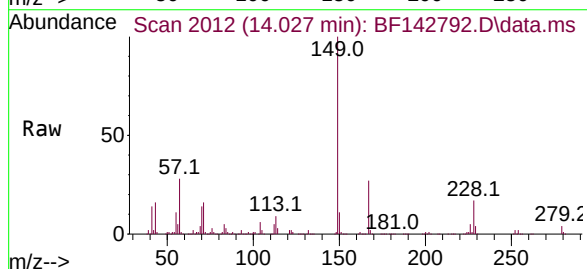
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

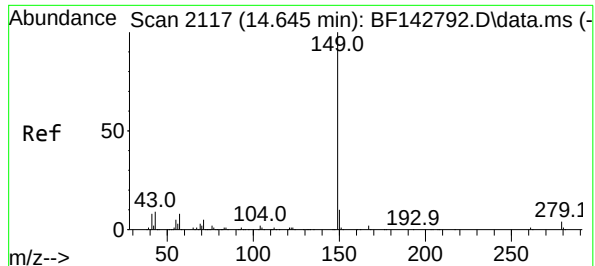
Tgt Ion:228 Resp: 331830
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 19.6 15.7 23.5



#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

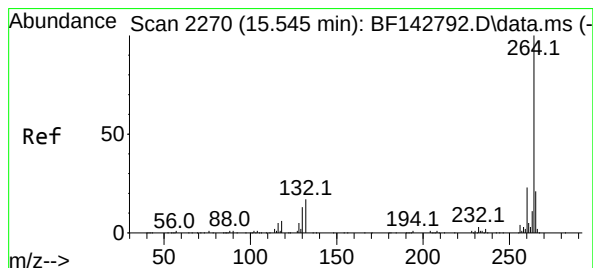
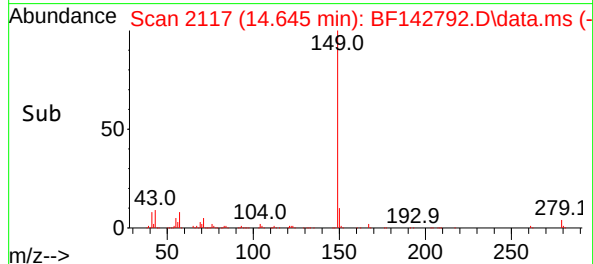
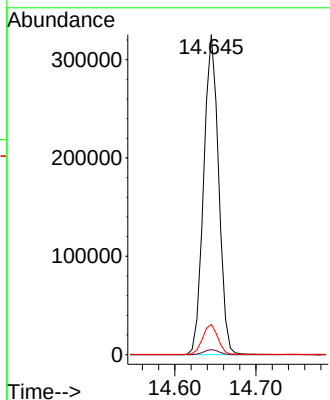
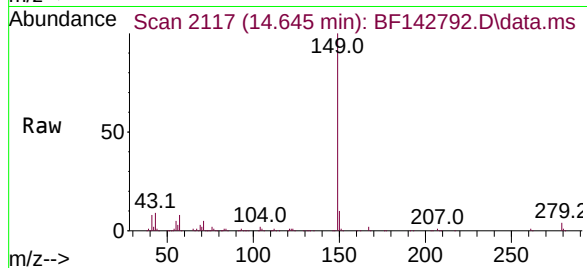




#85
Di-n-octyl phthalate
Concen: 37.837 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

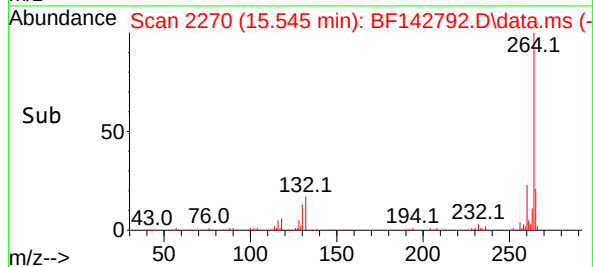
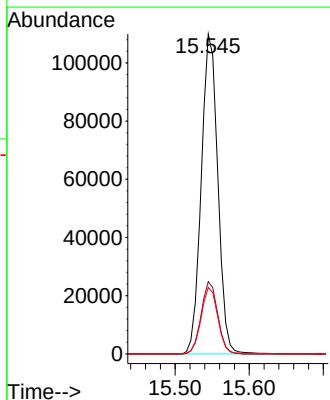
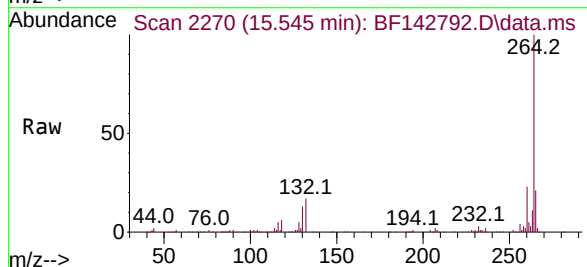
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

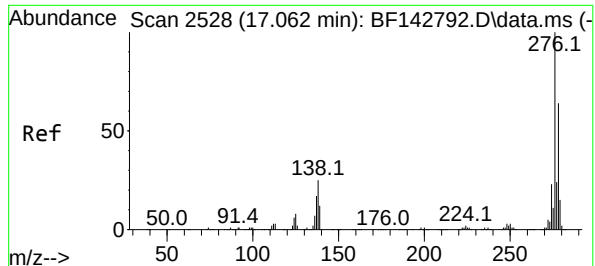
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.6	11.4



#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	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# 21

Delta R.T. 0.000 min

Lab File: BF142792.D

Acq: 19 Jun 2025 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

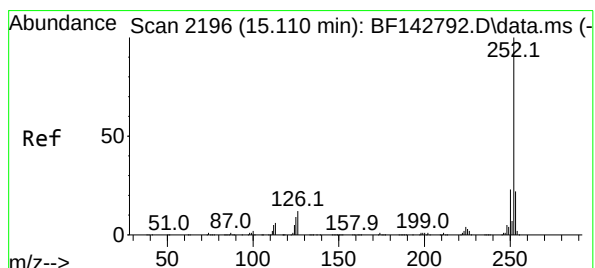
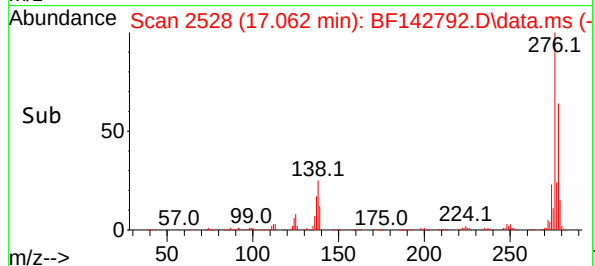
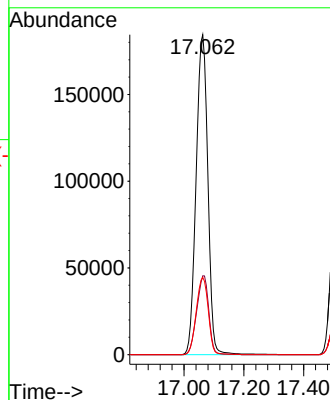
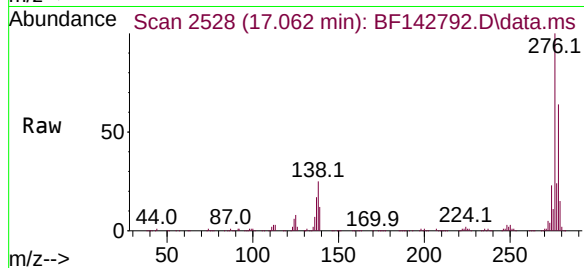
Tgt Ion:276 Resp: 501803

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

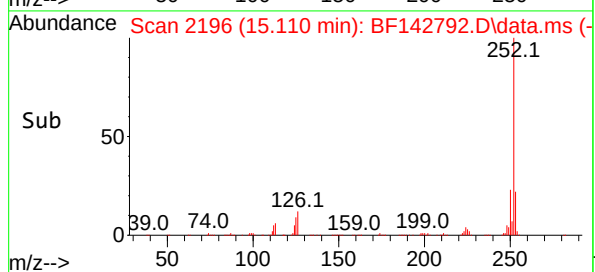
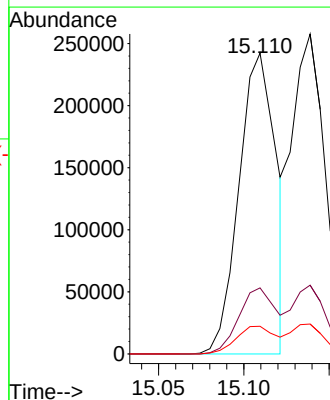
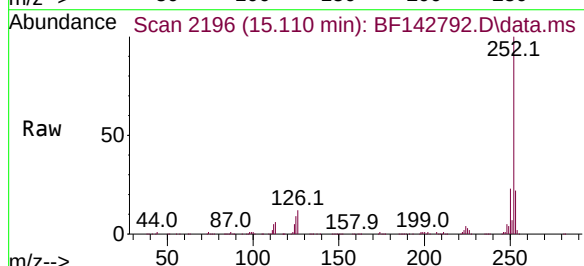
Tgt Ion:252 Resp: 365164

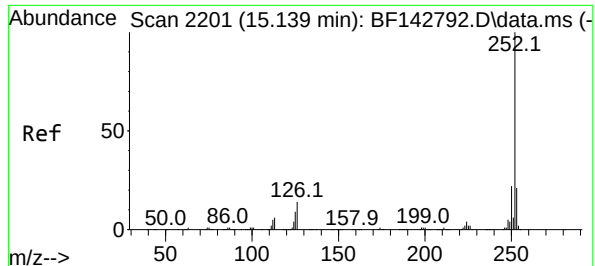
Ion Ratio Lower Upper

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 :

SSTDICCC040

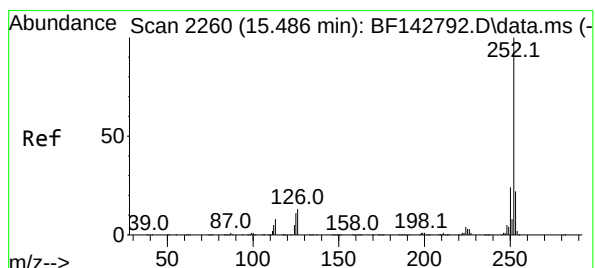
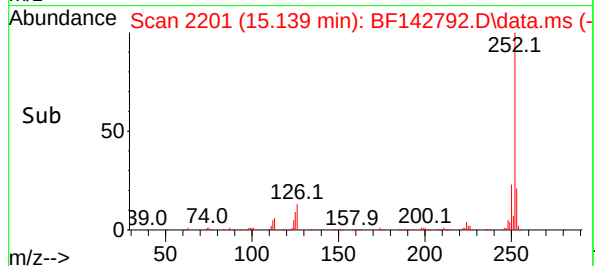
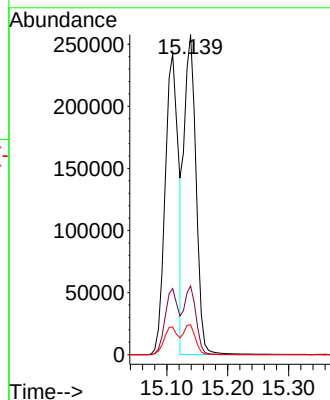
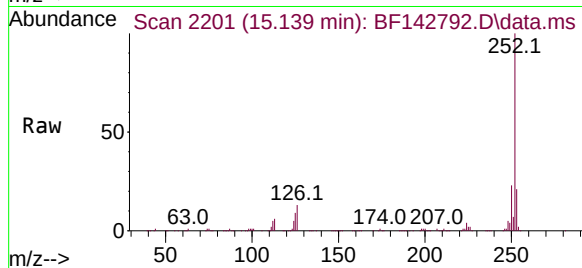
Tgt Ion:252 Resp: 352993

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

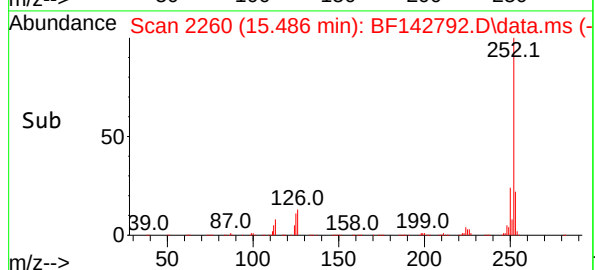
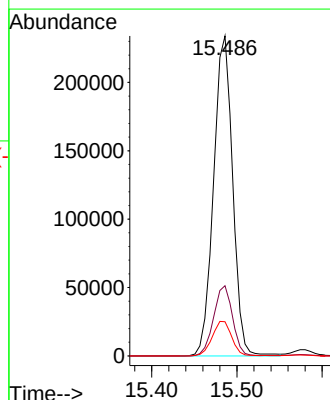
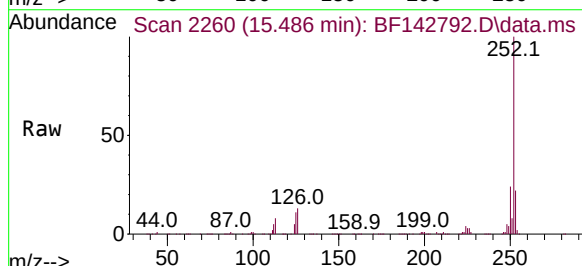
Tgt Ion:252 Resp: 363990

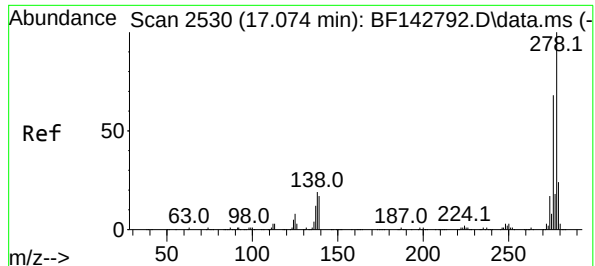
Ion Ratio Lower Upper

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 :

SSTDICCC040

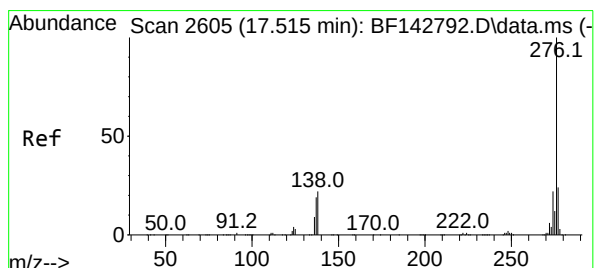
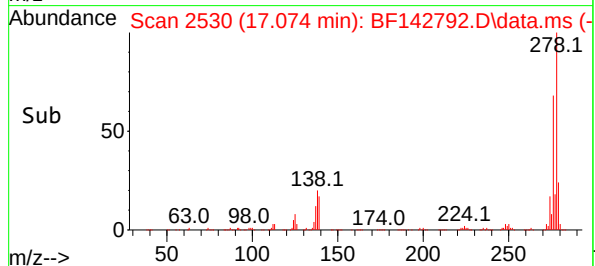
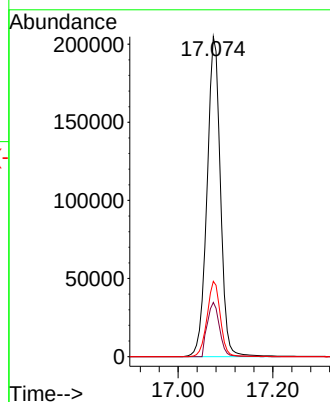
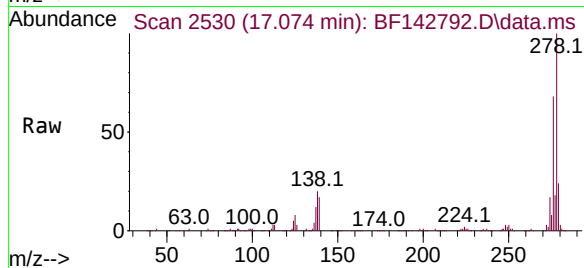
Tgt Ion:278 Resp: 401876

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

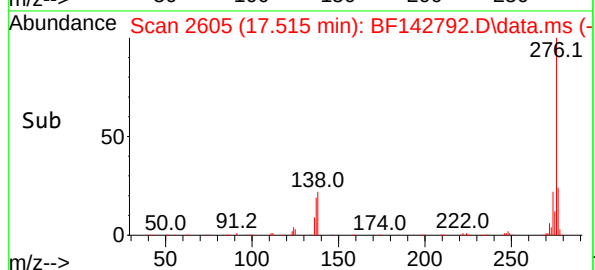
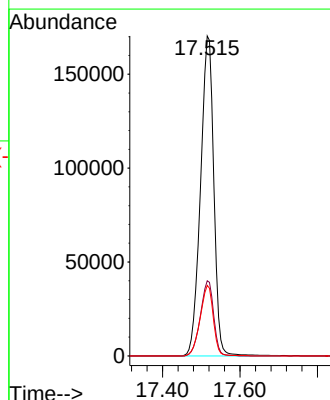
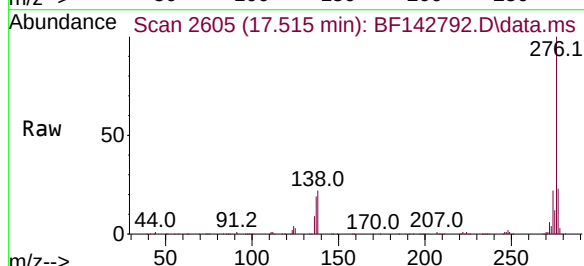
Tgt Ion:276 Resp: 404711

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

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)
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

Abundance

TIC: BF142793.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylamine,

2-Fluorophenol,S

Benzaldehyde

bis(2-Chloroethyl)phosphine

Phenol,G

Phenol-d6,S

1,3-Dichlorobenzene,C

1,4-Dichlorobenzene,c,l

Benzyl Alcohol

2,2'-oxybis[1-Chloroethanol]

Nitrobenzene-d5,S

Nitrobenzene-d5,S

Hexachlorocyclopentadiene

2-Nitrophenol,d5

2,4-Dinitrophenol

Benzoic acid

Naphthalene-d8

1-Chloro-4-methylbutadiene,C

Caprolactam

4-Chloro-3-methylphenol,C

2-Methyl-2-butanol

2,4,6-Trichlorophenol,C

2-Chloronaphthalene

2-Nitroaniline

Dimethylphthalate

Acenaphthylene

Dibenzofuran

2,4-Dinitrophenol

2,4-Dinitrotoluene

2,3,4,6-Tetrachlorophenol

Azobisisobutyronitrile

n-Nitrosodiphenylamine,c

4-Chlorophenylether

4-Bromophenylether

Pentachlorophenol,C

Anthrone

Carbazole

Di-n-butylphthalate

Benzidine

Fluoranthene,C

Pyrene

Butylbenzylphthalate

3,3'-Dichlorobenzidylhexyldiphenylmethane

Di-n-octyl phthalate,c

Benzothiazole

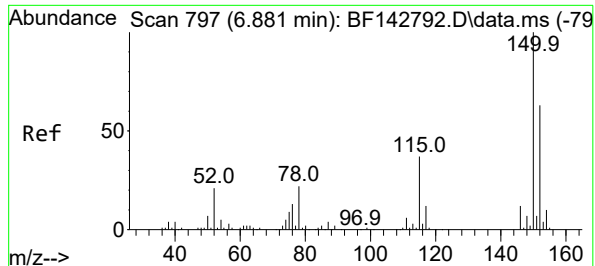
Benz(a)pyrene,C

Perylene-d12,I

Indeno(1,2,3-a,b)fluoranthene

Benzo(g,h,i)perylene

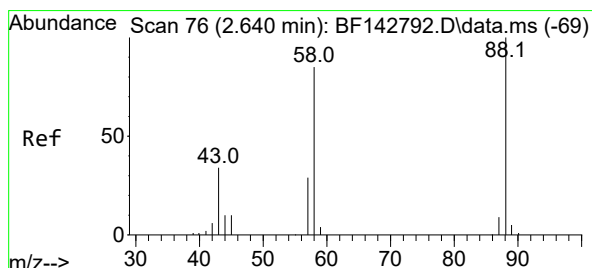
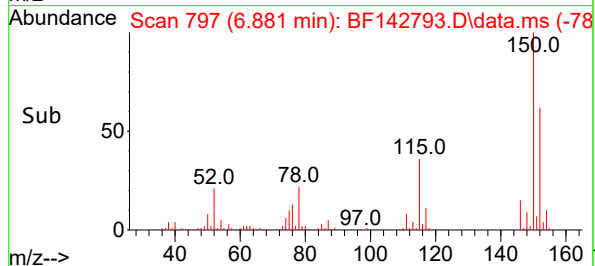
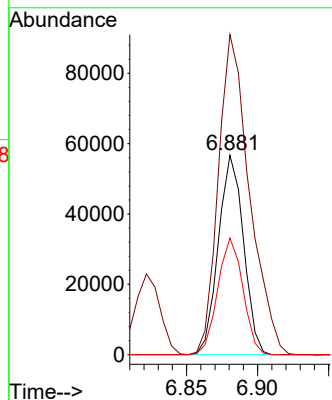
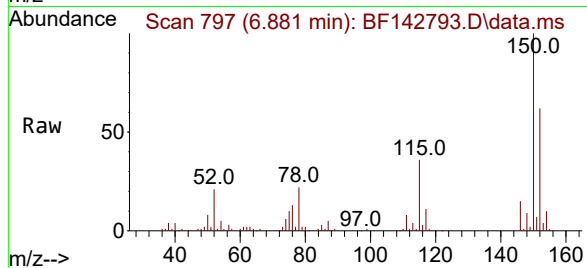
Terphenyl-d14,S



#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

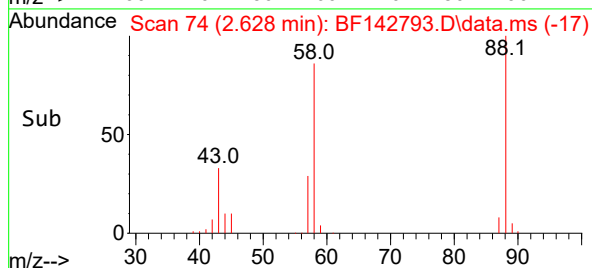
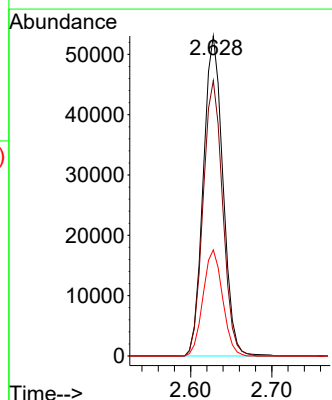
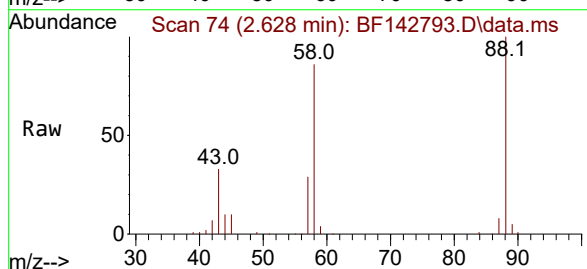
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

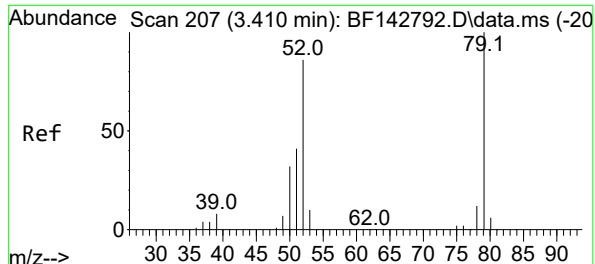
Tgt Ion:152 Resp: 69874
Ion Ratio Lower Upper
152 100
150 160.5 127.2 190.8
115 58.5 46.6 69.8



#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

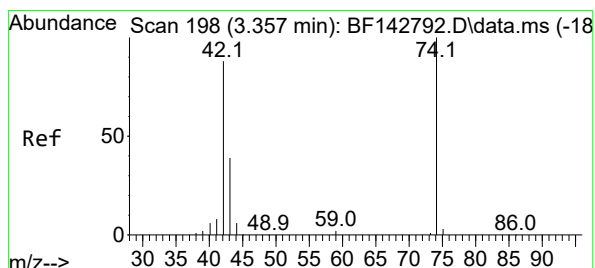
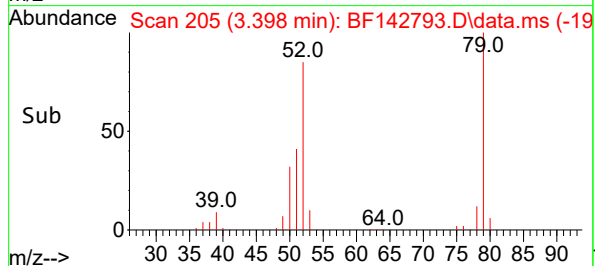
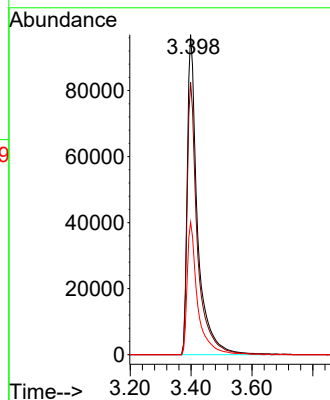
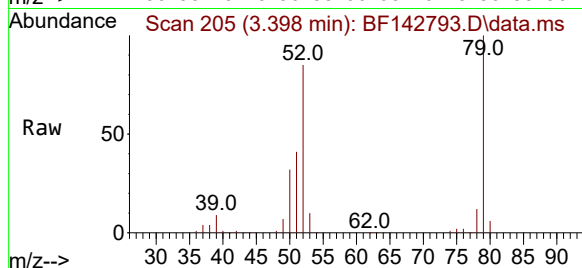
Tgt Ion: 79 Resp: 227576

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

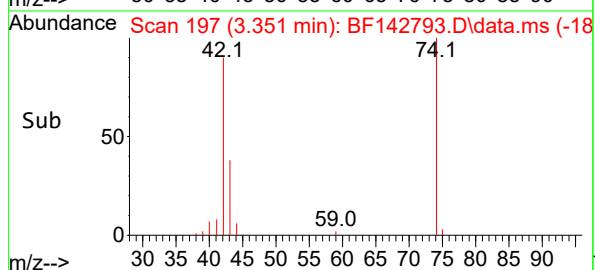
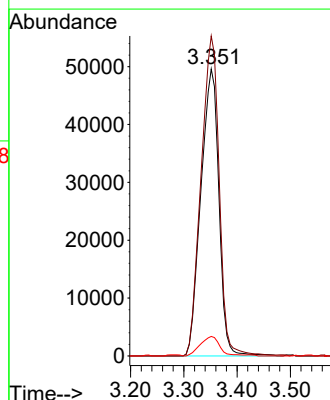
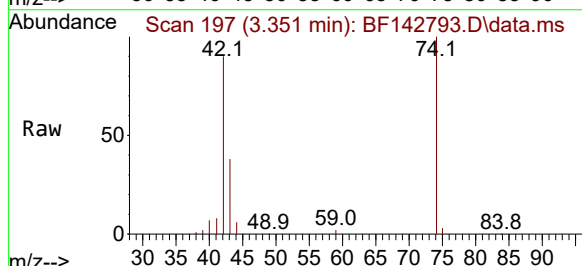
Tgt Ion: 42 Resp: 116636

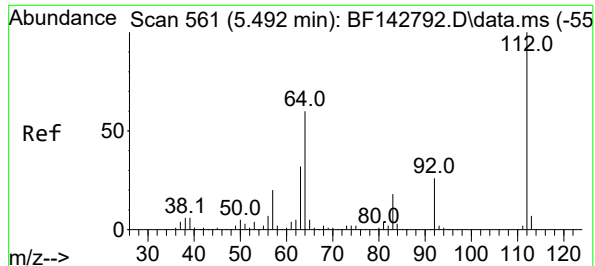
Ion Ratio Lower Upper

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

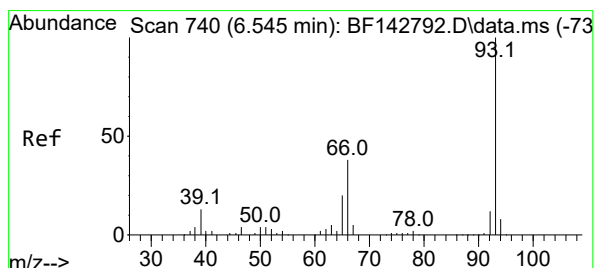
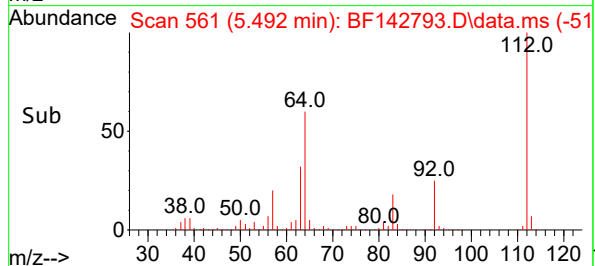
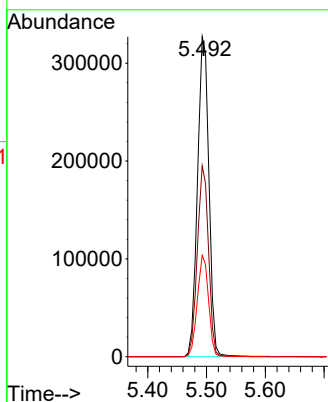
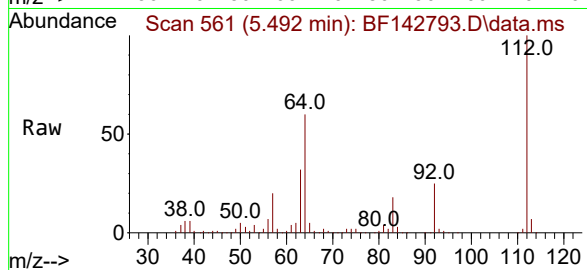
Tgt Ion:112 Resp: 441114

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

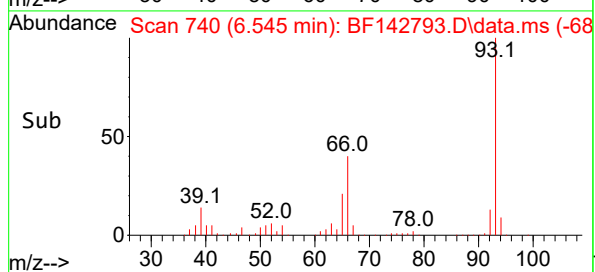
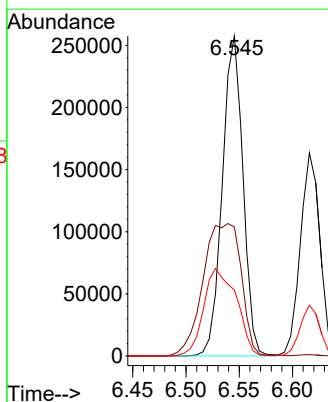
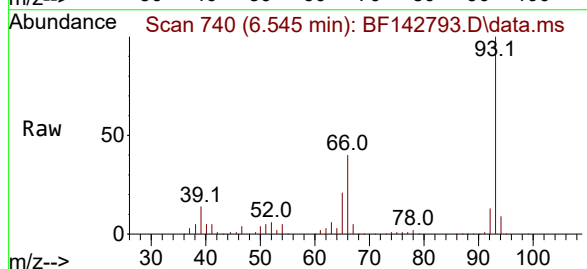
Tgt Ion: 93 Resp: 346211

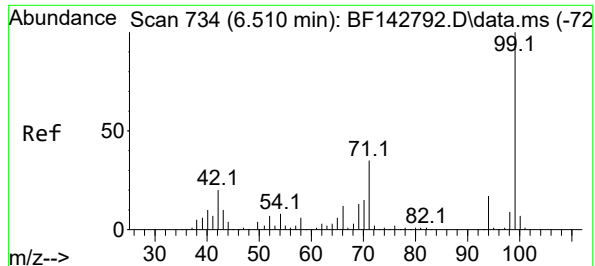
Ion Ratio Lower Upper

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

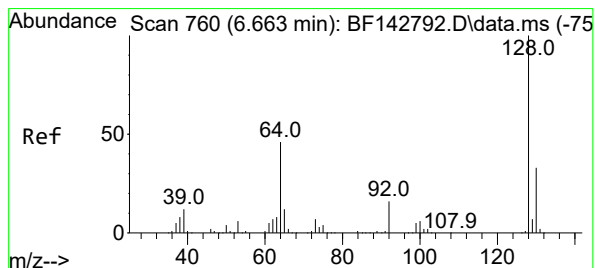
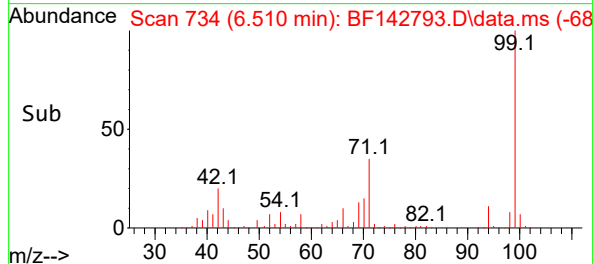
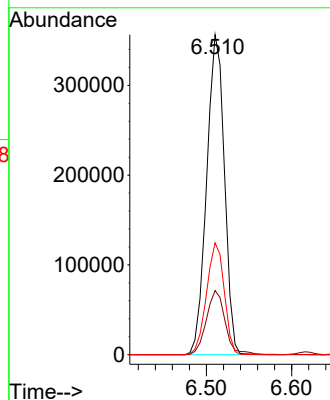
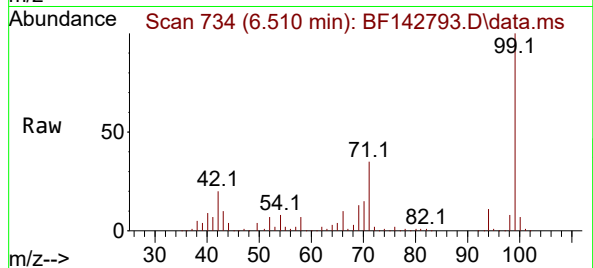
Tgt Ion: 99 Resp: 516909

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

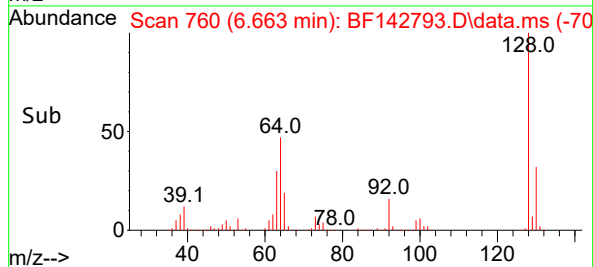
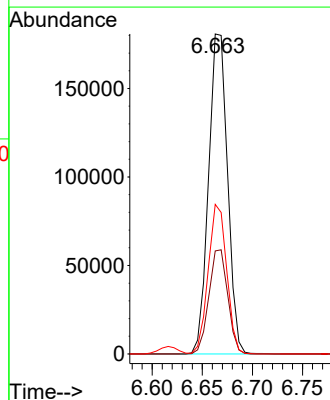
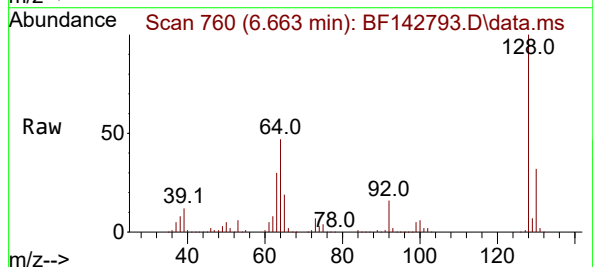
Tgt Ion:128 Resp: 238691

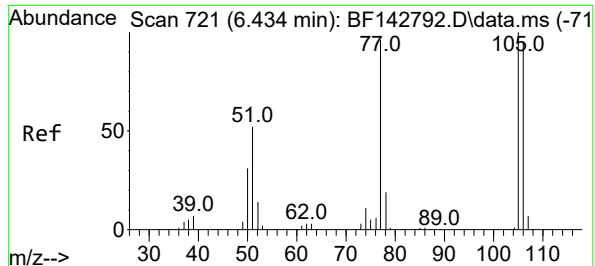
Ion Ratio Lower Upper

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

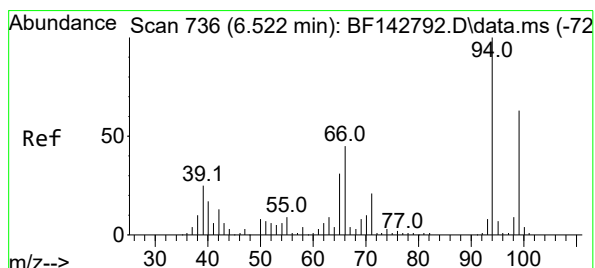
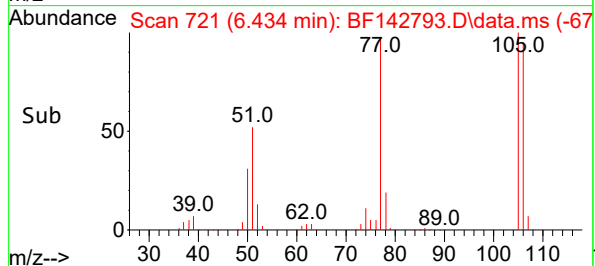
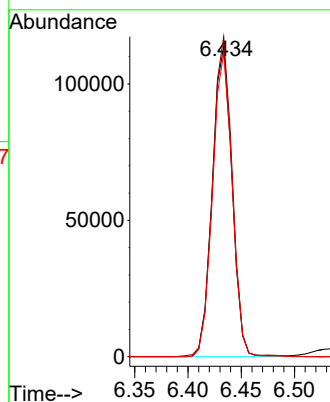
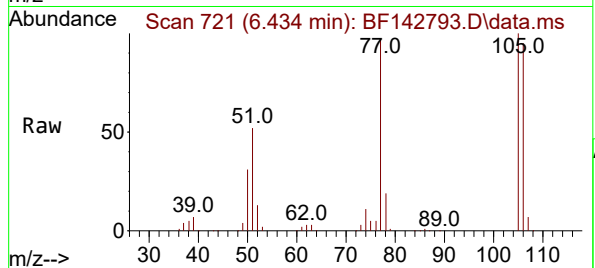
Tgt Ion: 77 Resp: 145420

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

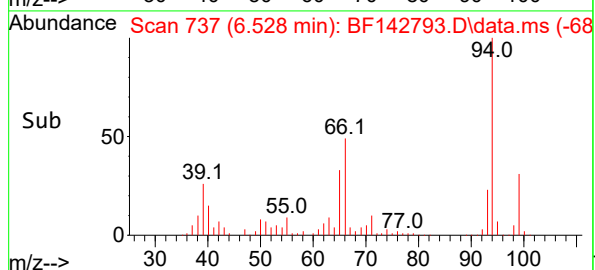
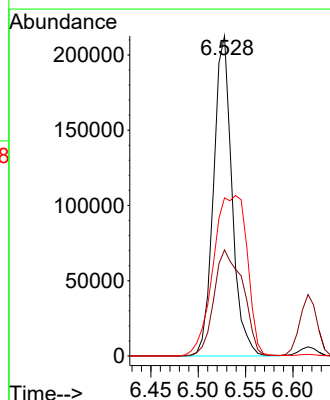
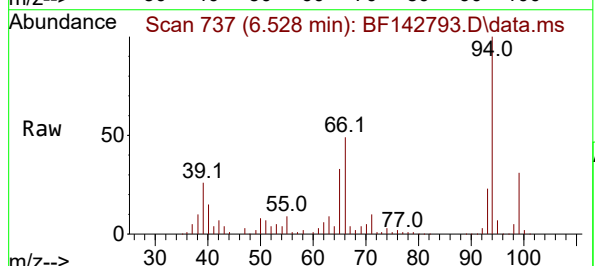
Tgt Ion: 94 Resp: 288461

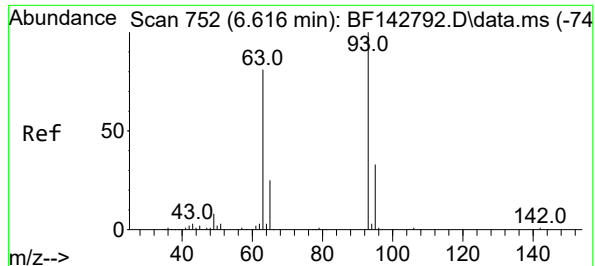
Ion Ratio Lower Upper

94 100

65 33.2 11.3 51.3

66 49.4 24.9 64.9

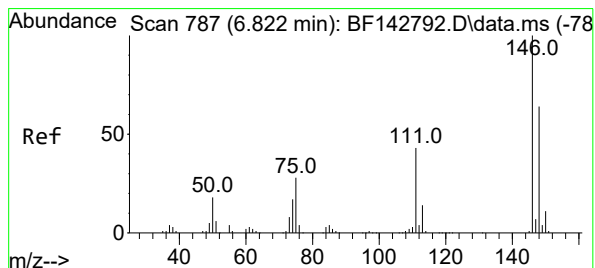
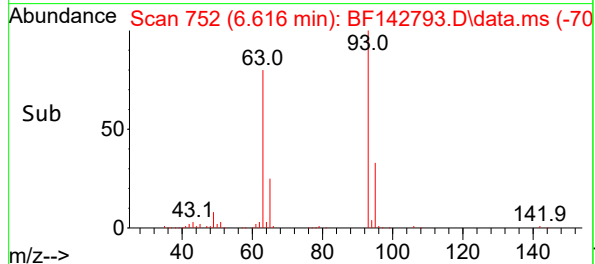
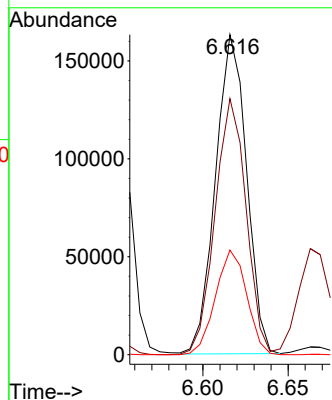
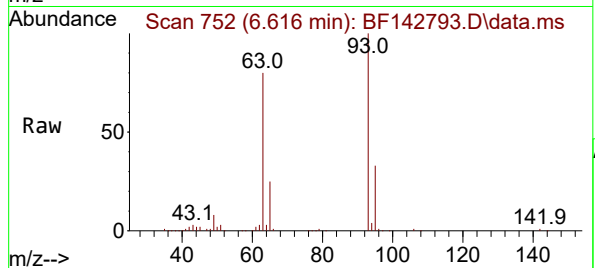




#11
bis(2-Chloroethyl)ether
Concen: 51.933 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

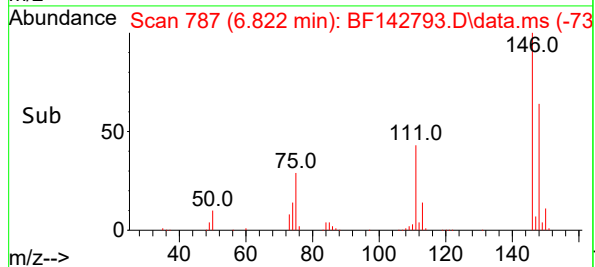
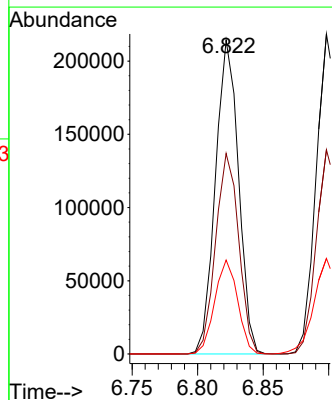
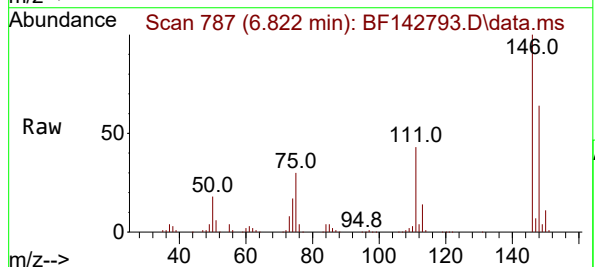
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

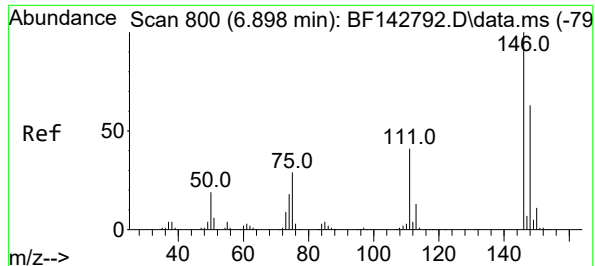
Tgt Ion: 93 Resp: 206661
Ion Ratio Lower Upper
93 100
63 80.0 60.3 100.3
95 32.7 12.5 52.5



#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

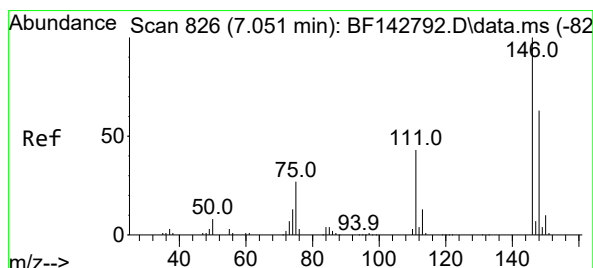
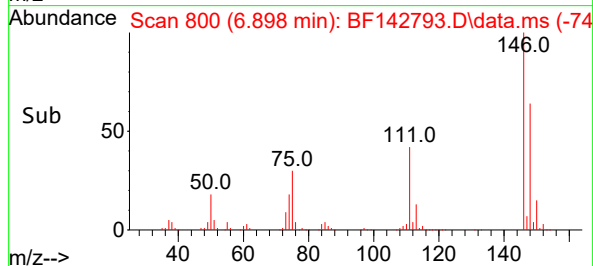
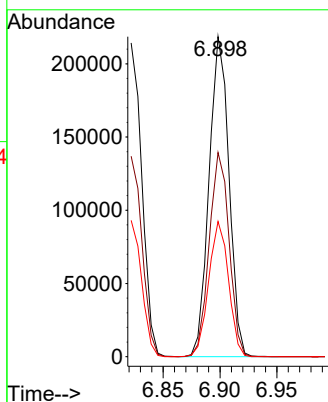
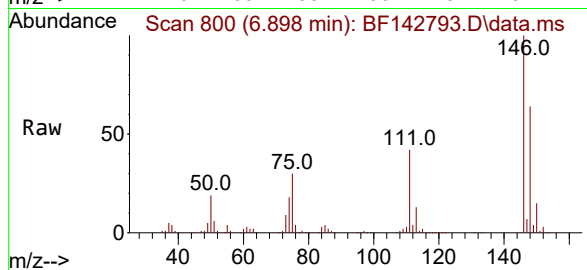
Tgt Ion:146 Resp: 266098

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

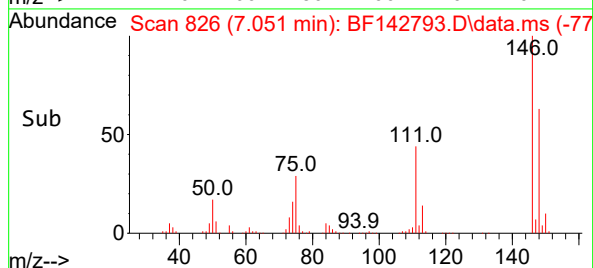
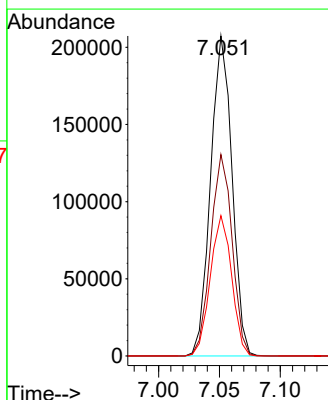
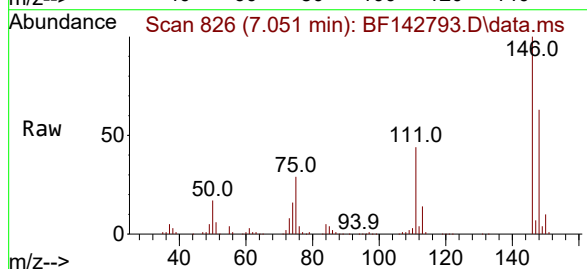
Tgt Ion:146 Resp: 253411

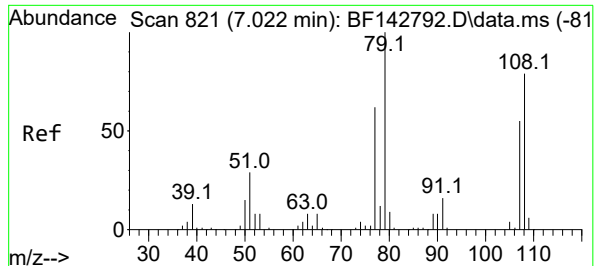
Ion Ratio Lower Upper

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

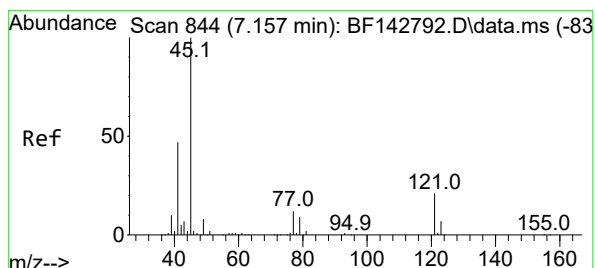
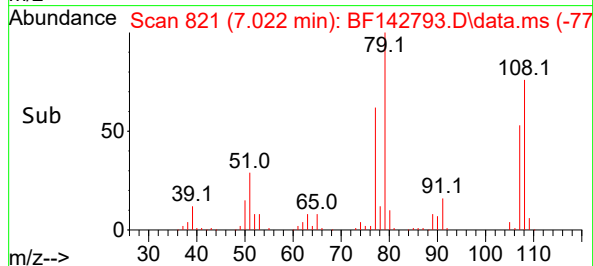
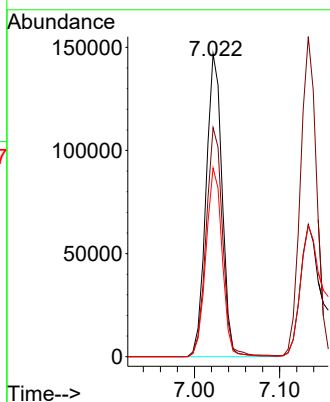
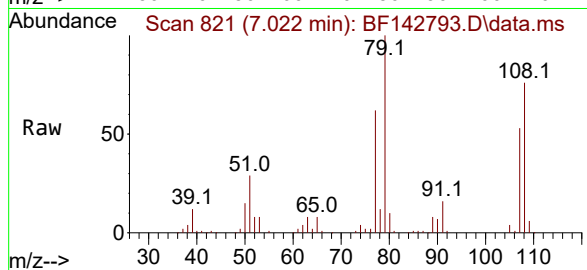
Tgt Ion: 79 Resp: 193284

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

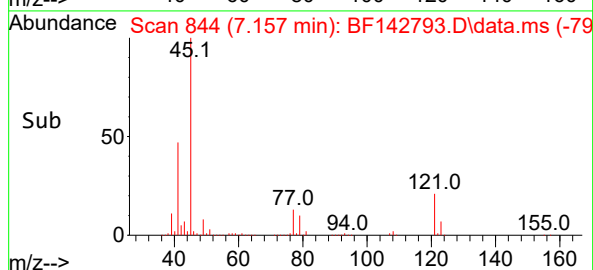
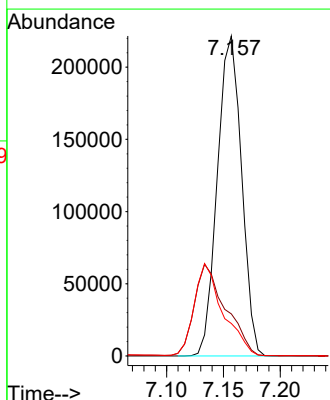
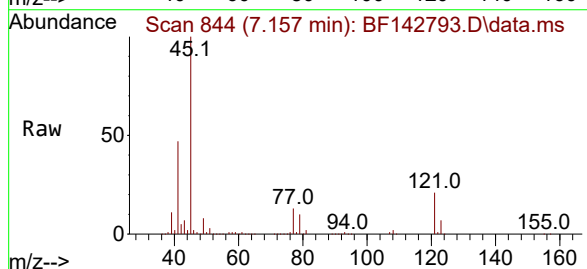
Tgt Ion: 45 Resp: 328251

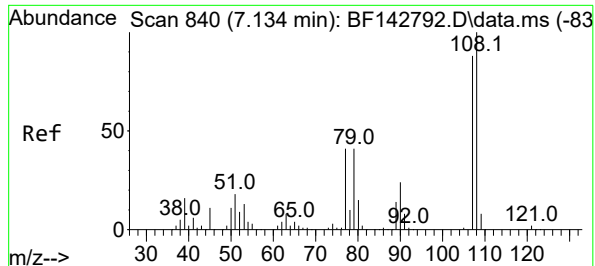
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.8

79 10.2 0.0 29.8

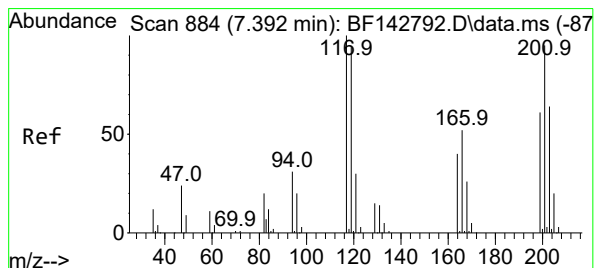
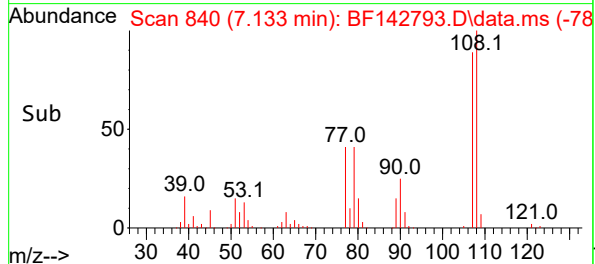
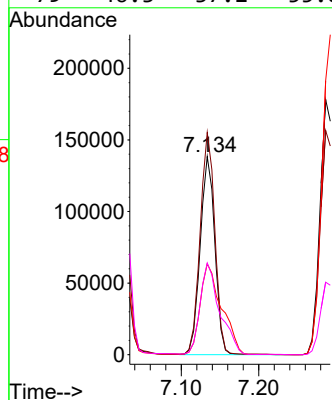
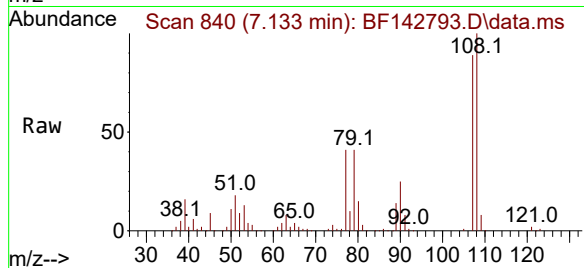




#17
2-Methylphenol
Concen: 53.415 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

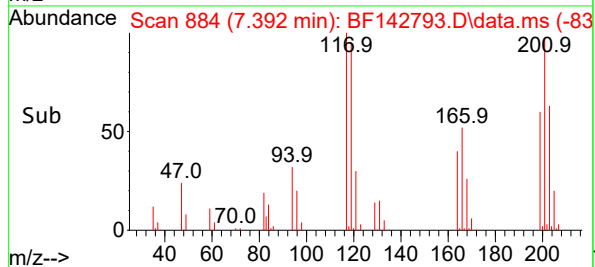
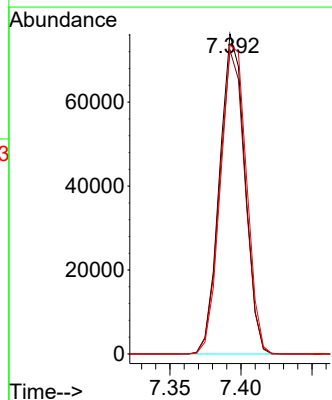
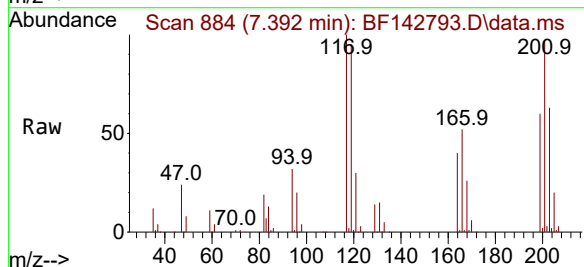
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

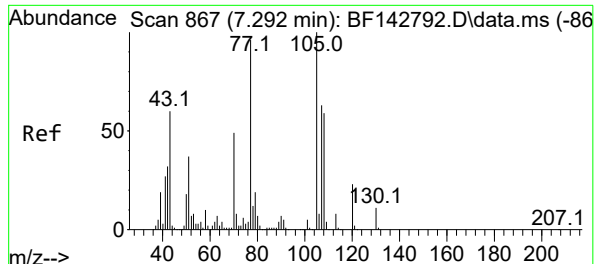
Tgt Ion:107 Resp: 182167
Ion Ratio Lower Upper
107 100
108 112.2 90.9 136.3
77 45.9 37.3 55.9
79 46.3 37.2 55.8



#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

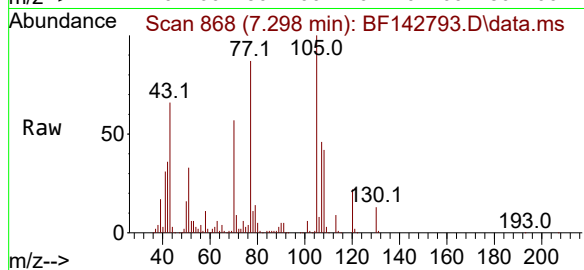
Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 147905

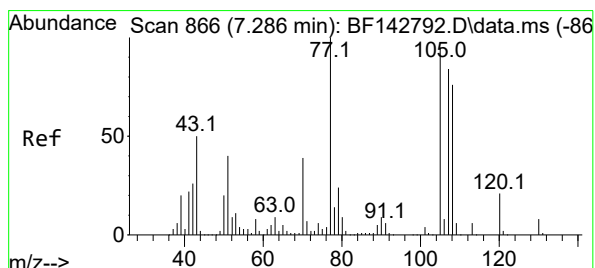
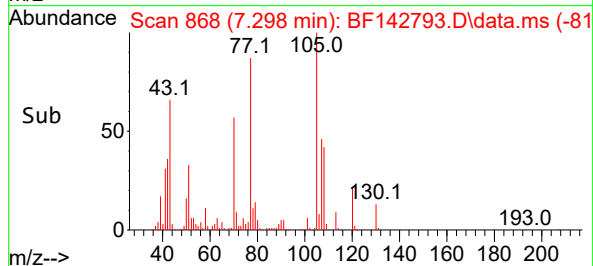
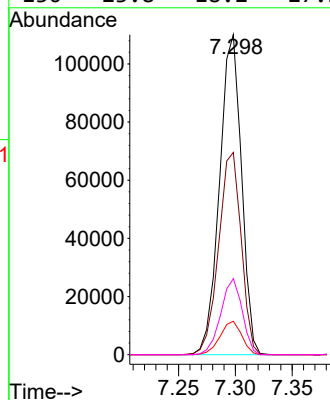
Ion Ratio Lower Upper

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

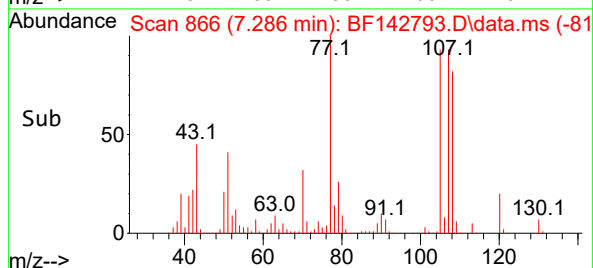
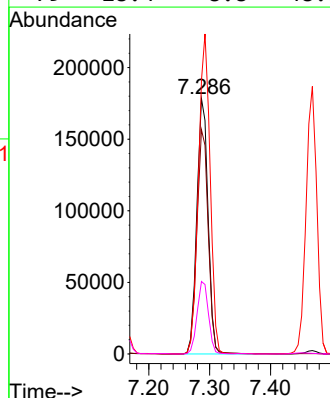
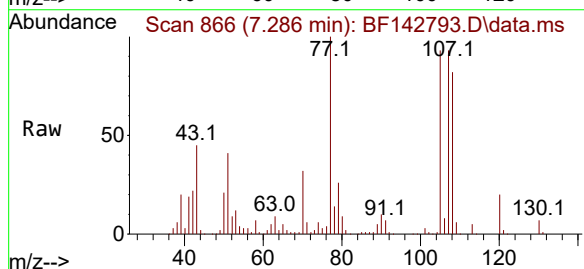
Ion Ratio Lower Upper

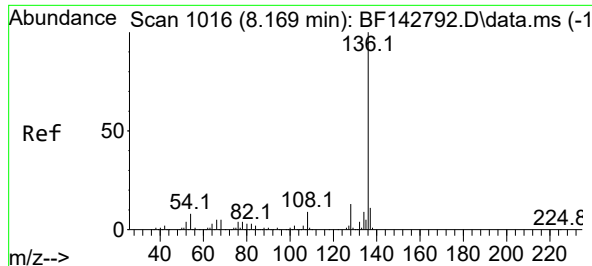
107 100

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

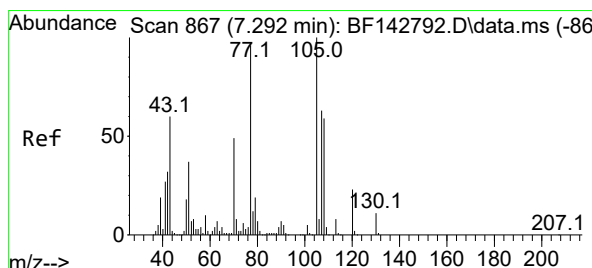
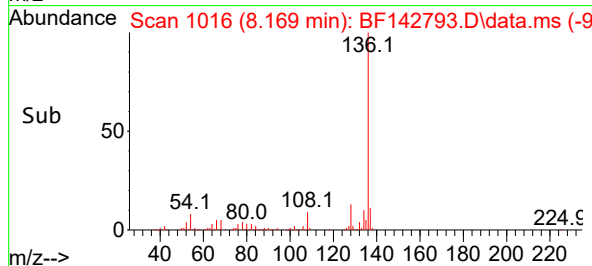
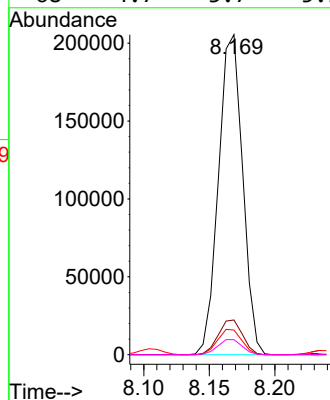
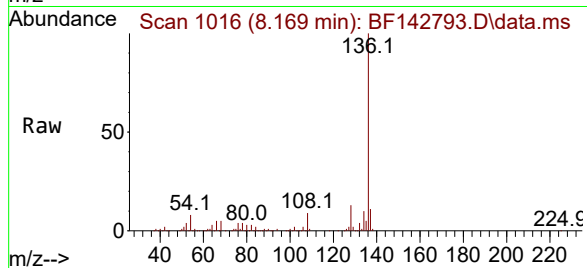
Ion Ratio Lower Upper

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

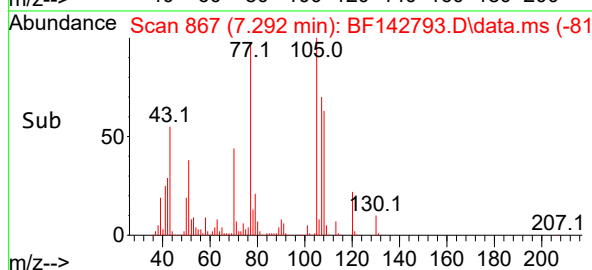
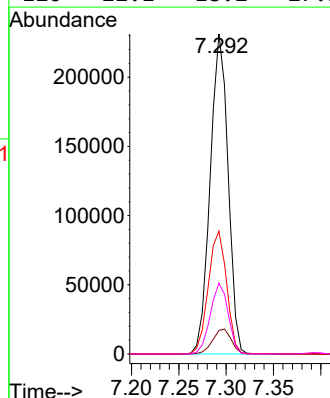
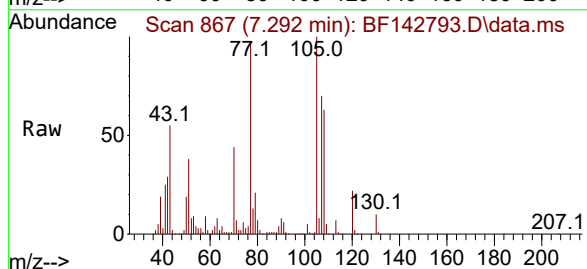
Ion Ratio Lower Upper

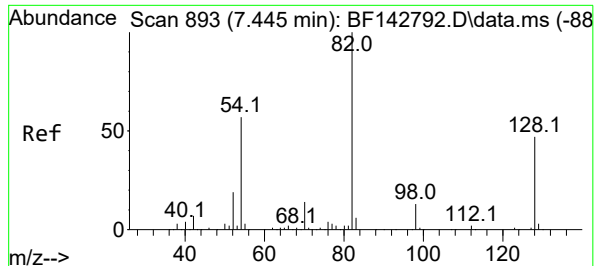
105 100

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

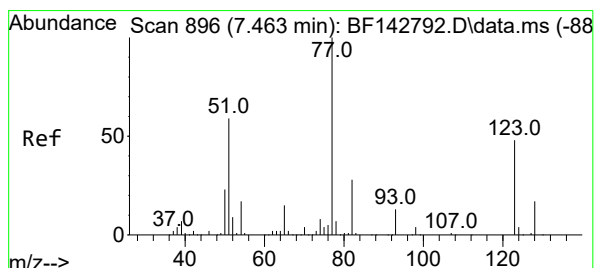
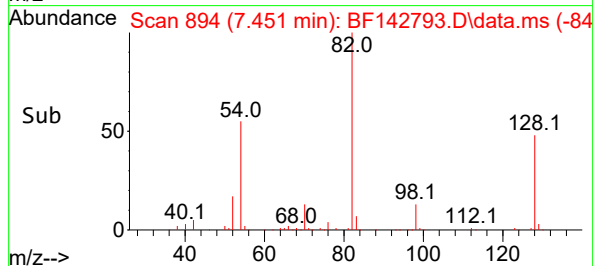
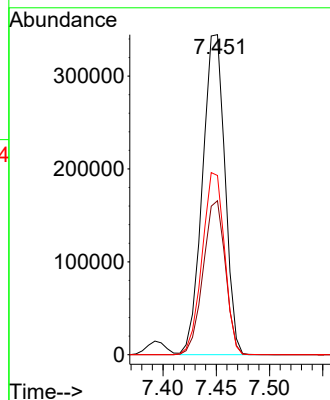
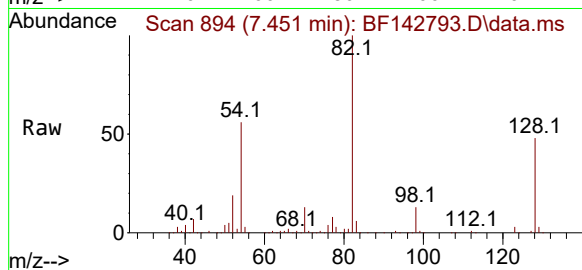
Tgt Ion: 82 Resp: 506846

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

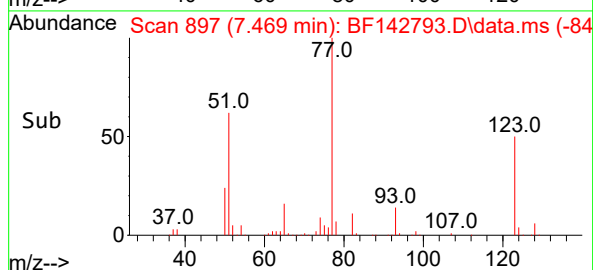
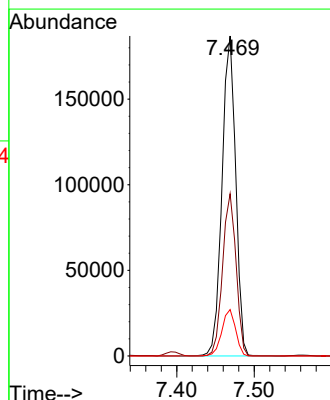
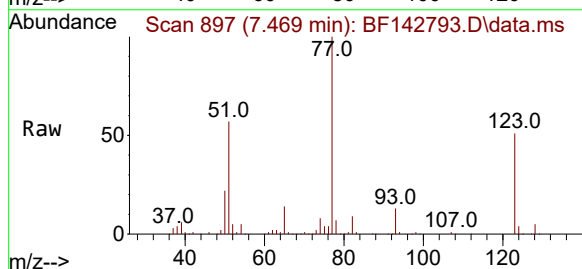
Tgt Ion: 77 Resp: 229219

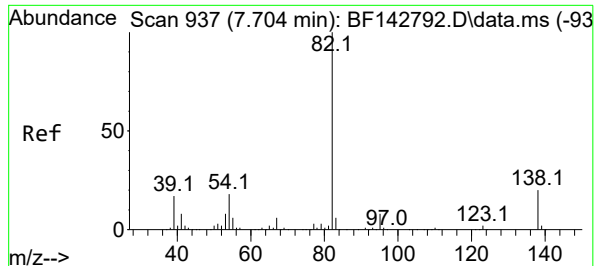
Ion Ratio Lower Upper

77 100

123 50.7 39.2 58.8

65 14.5 11.6 17.4

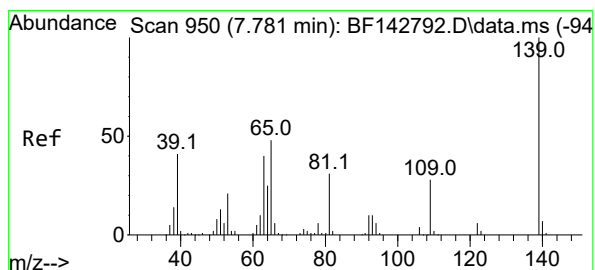
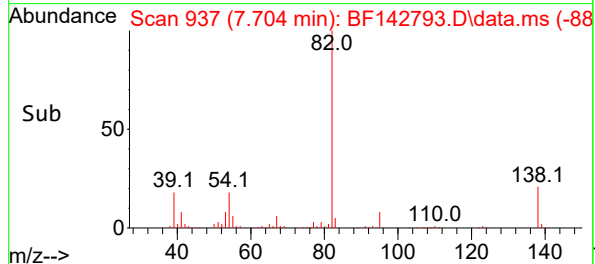
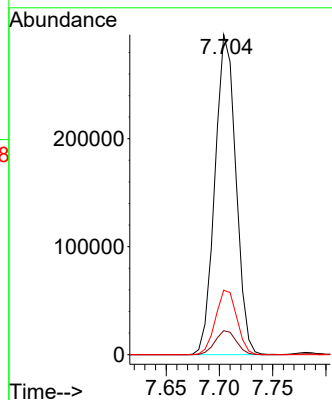
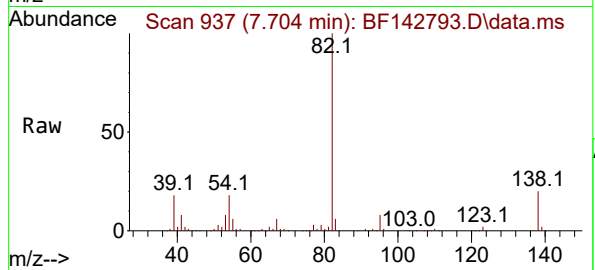




#25
Isophorone
Concen: 50.334 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

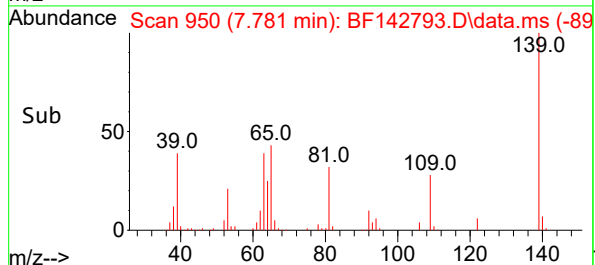
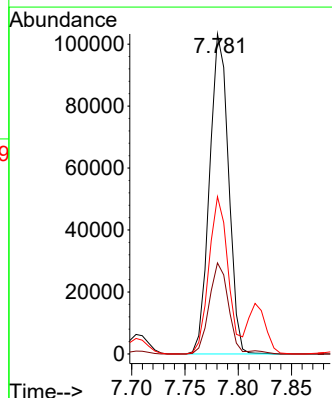
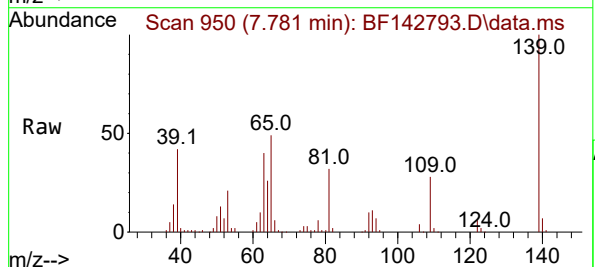
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

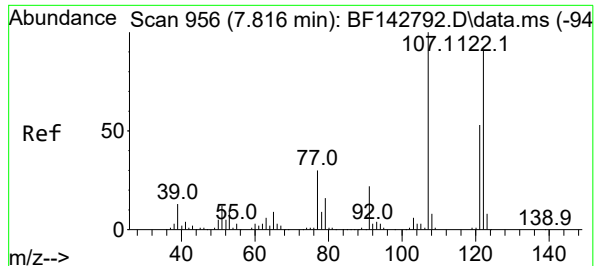
Tgt Ion: 82 Resp: 404886
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 20.2 16.2 24.4



#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

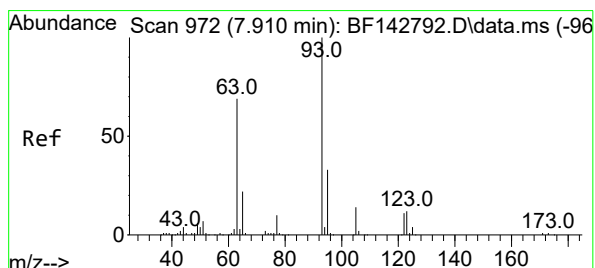
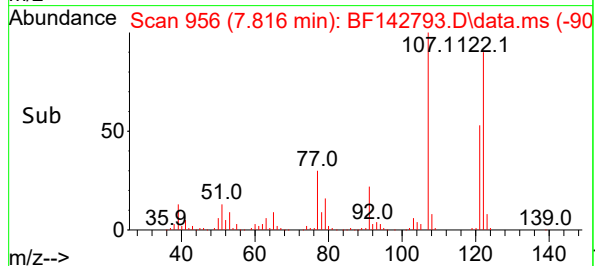
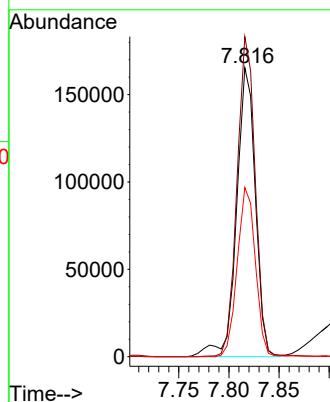
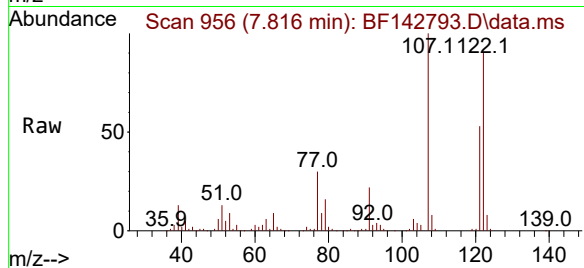
Tgt Ion:122 Resp: 216204

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

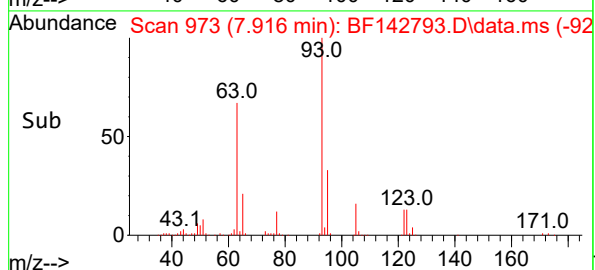
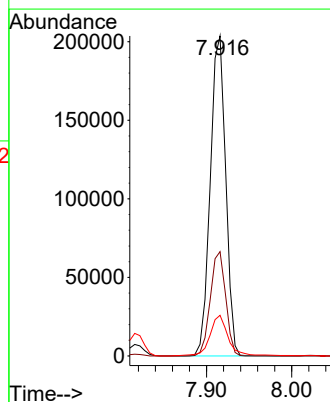
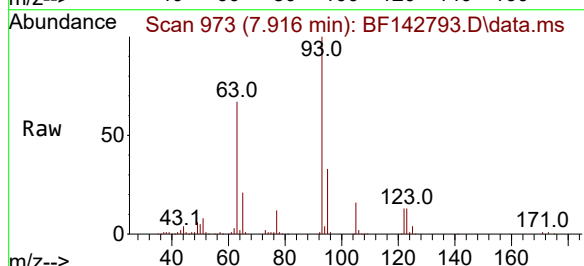
Tgt Ion: 93 Resp: 256119

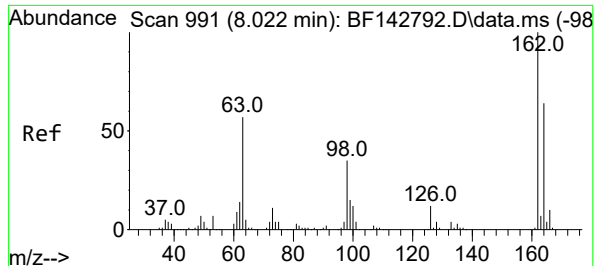
Ion Ratio Lower Upper

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 :

SSTDICC050

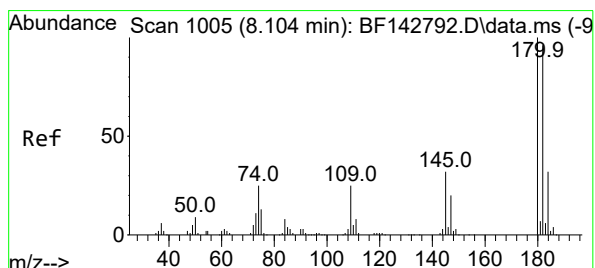
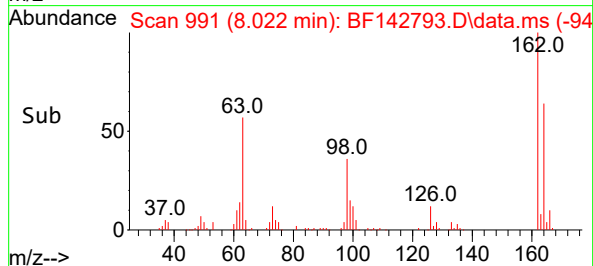
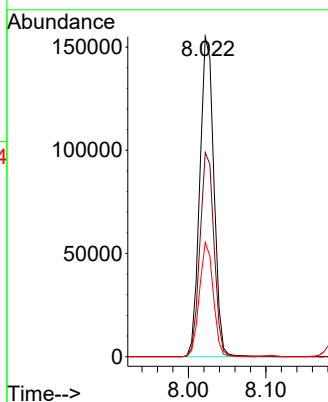
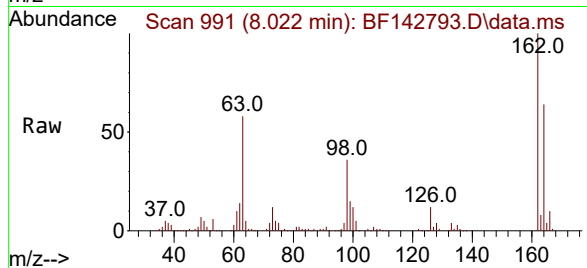
Tgt Ion:162 Resp: 195589

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

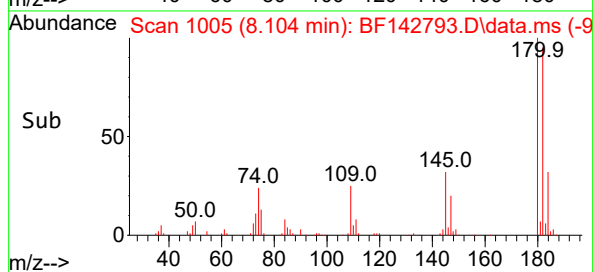
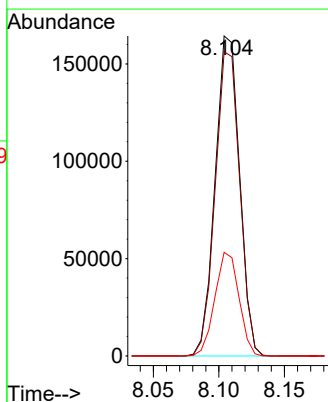
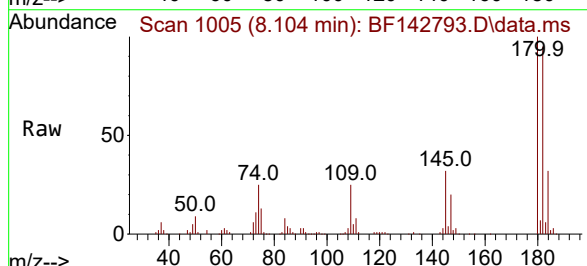
Tgt Ion:180 Resp: 213118

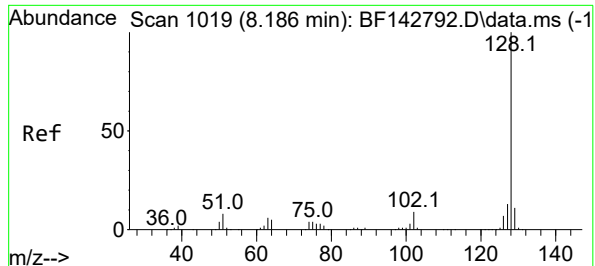
Ion Ratio Lower Upper

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

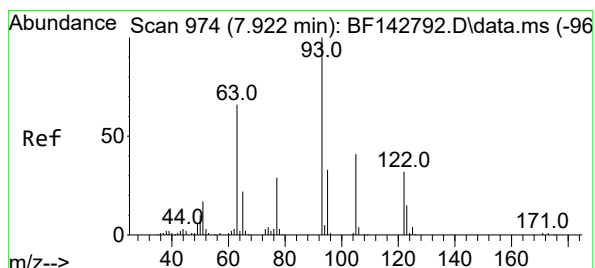
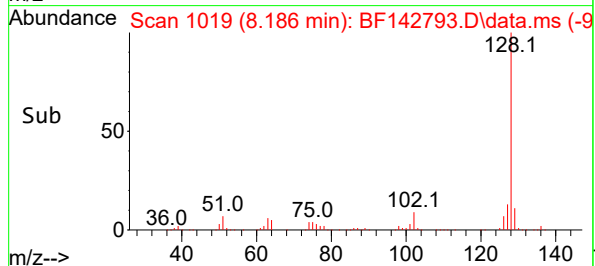
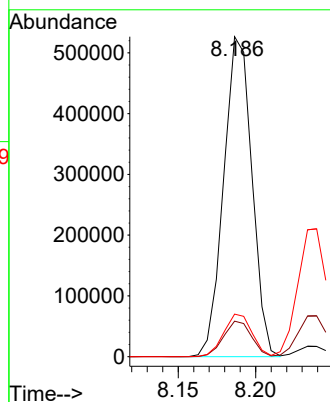
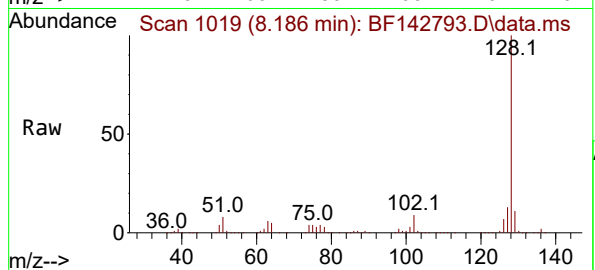
Tgt Ion:128 Resp: 668713

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

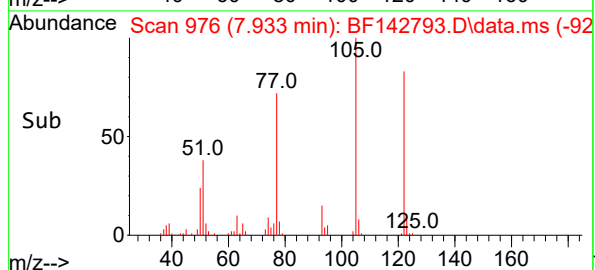
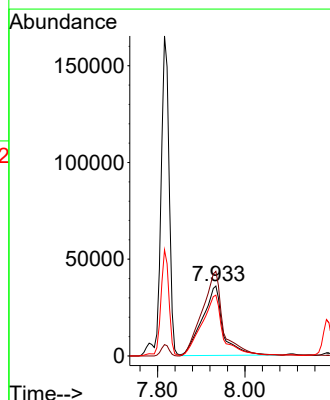
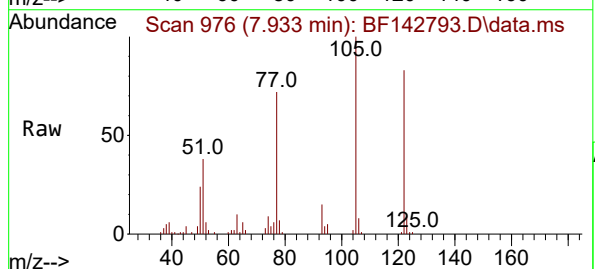
Tgt Ion:122 Resp: 119196

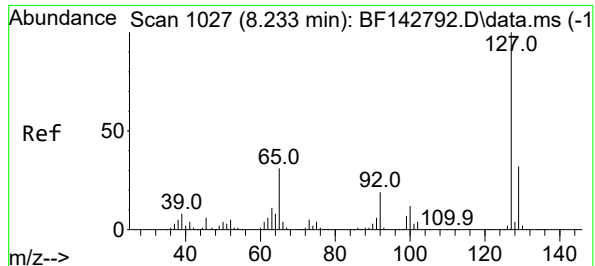
Ion Ratio Lower Upper

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# 1028

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

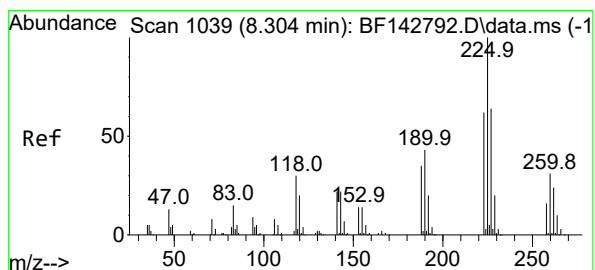
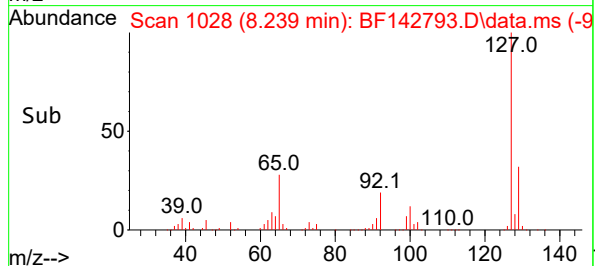
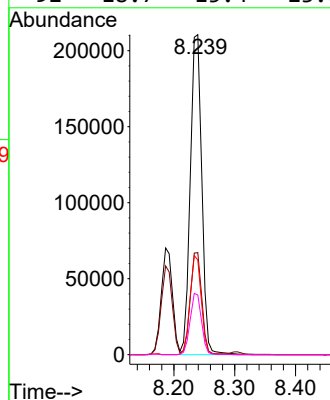
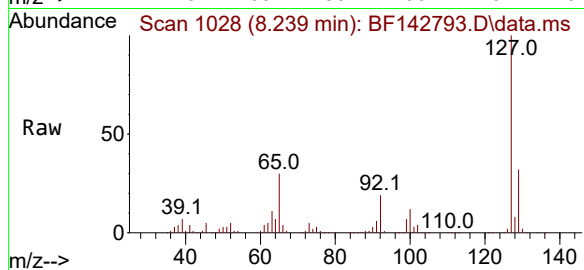
Ion Ratio Lower Upper

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

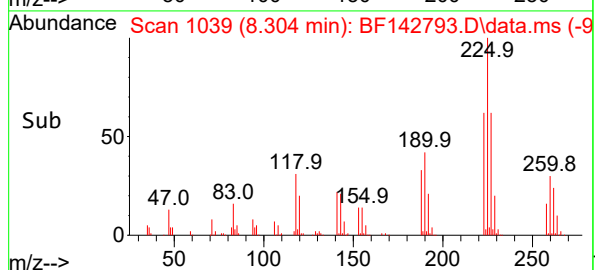
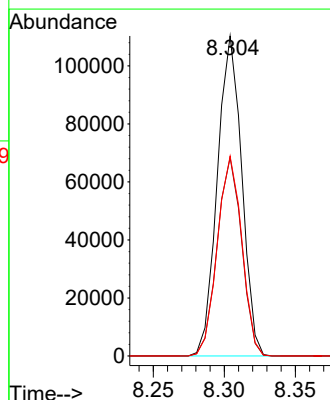
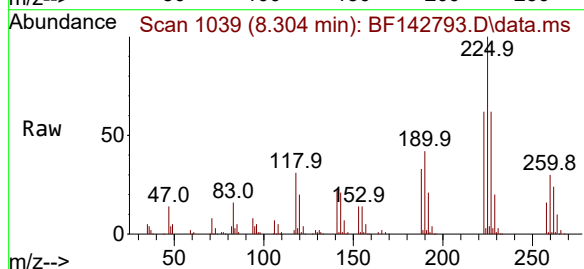
Tgt Ion:225 Resp: 131697

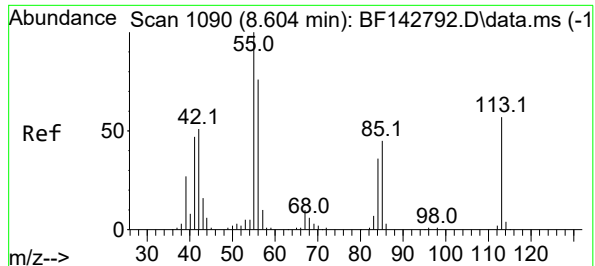
Ion Ratio Lower Upper

225 100

223 62.0 49.9 74.9

227 62.4 51.4 77.0

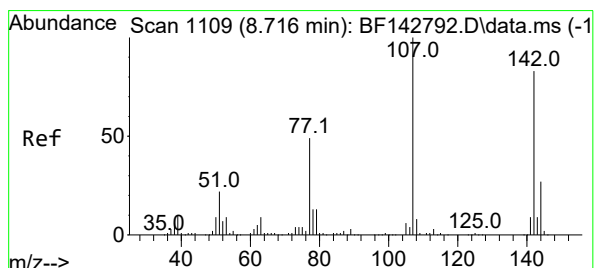
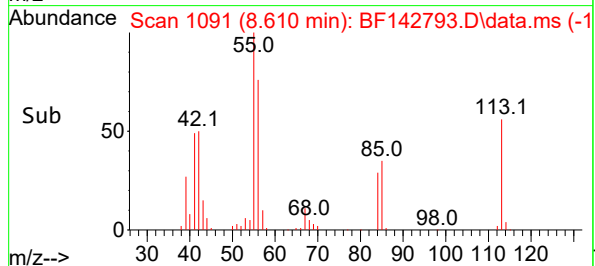
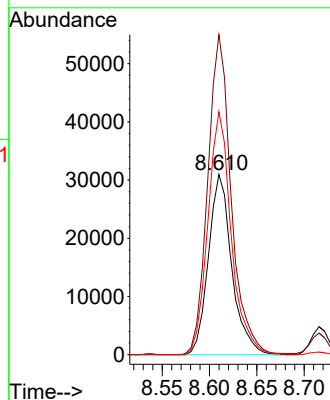
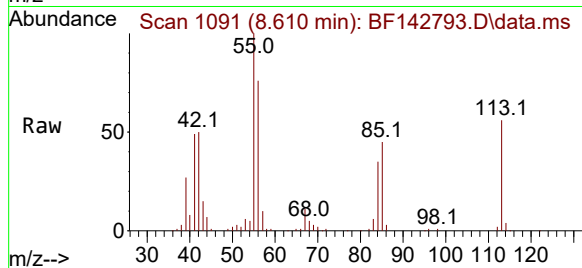




#35
Caprolactam
Concen: 52.873 ng
RT: 8.610 min Scan# 1091
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

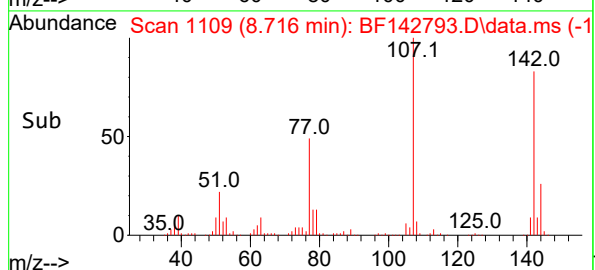
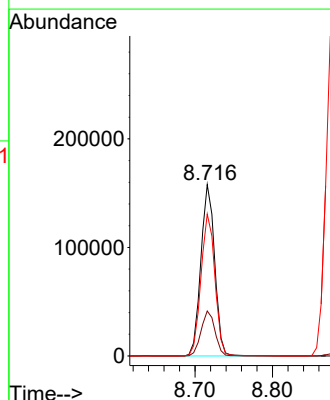
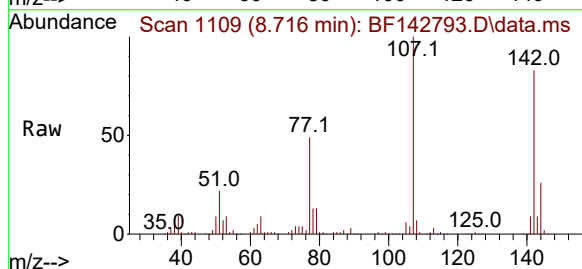
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

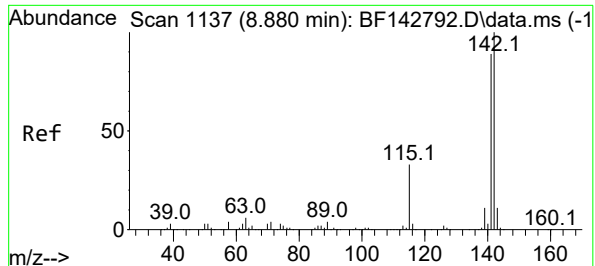
Tgt Ion:113 Resp: 53024
Ion Ratio Lower Upper
113 100
55 177.6 154.4 194.4
56 134.9 112.1 152.1



#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 :

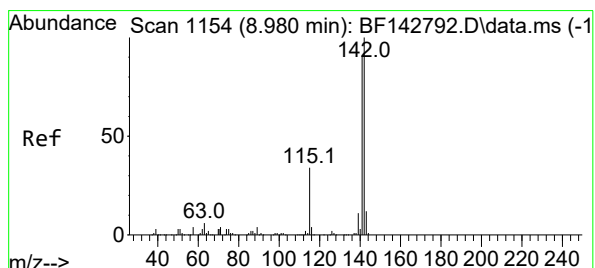
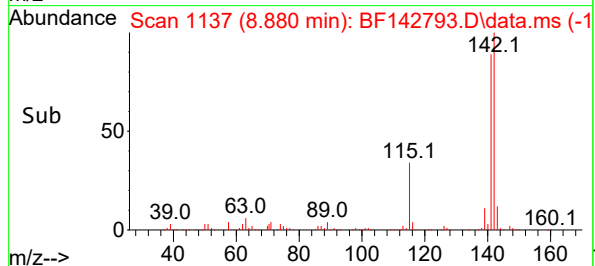
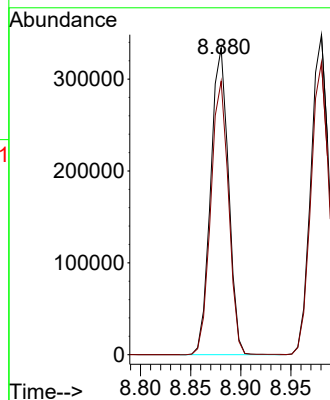
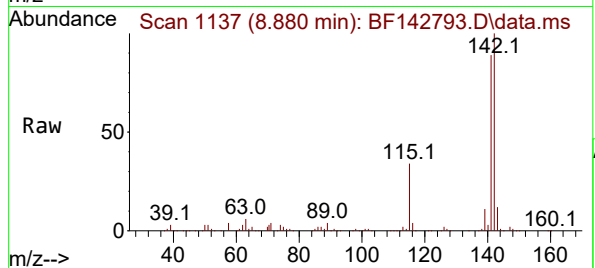
SSTDICC050

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

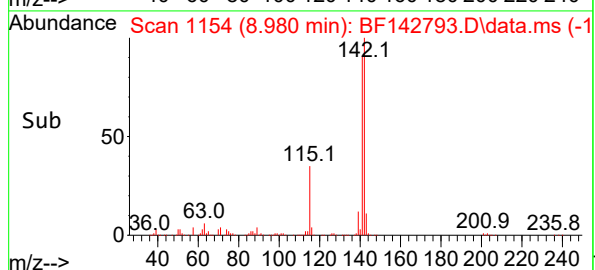
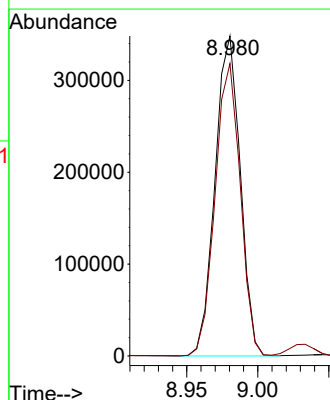
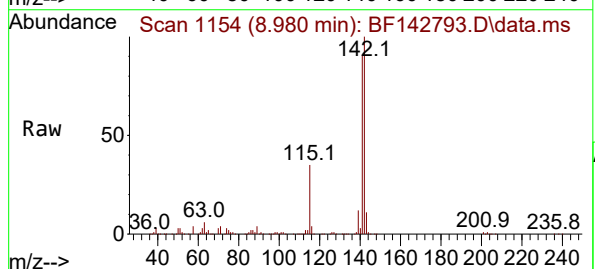
Acq: 19 Jun 2025 19:40

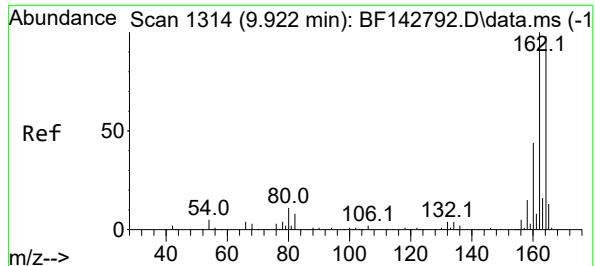
Tgt Ion:142 Resp: 430144

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

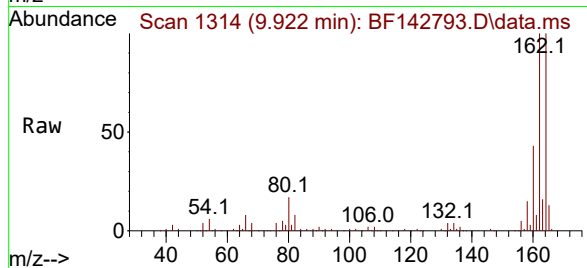
Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



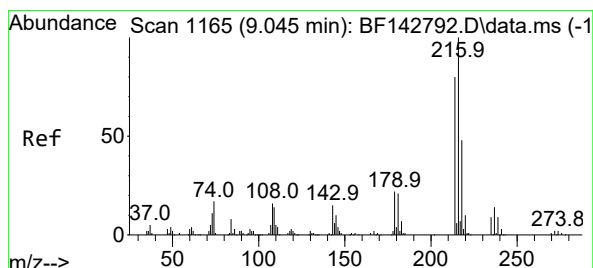
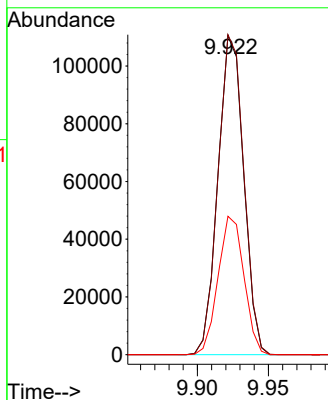
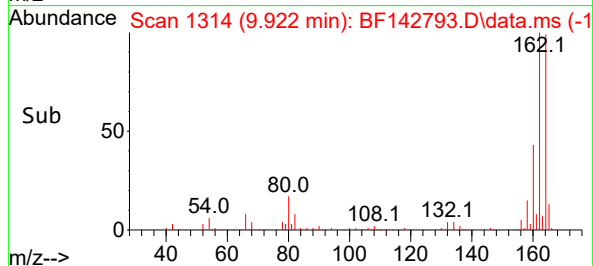
Tgt Ion:164 Resp: 139156

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

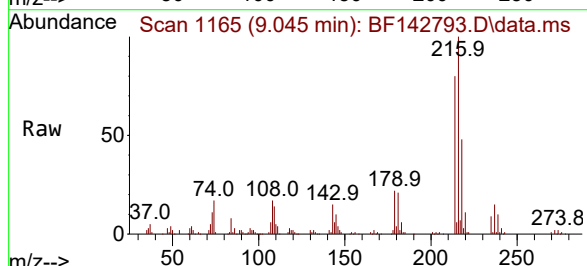
Concen: 51.779 ng

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

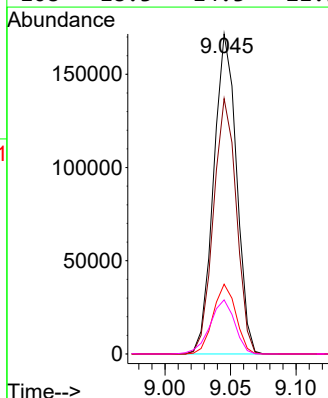
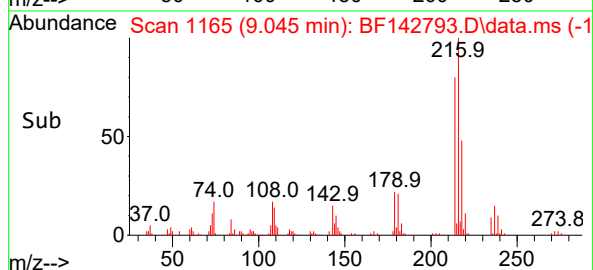
Ion Ratio Lower Upper

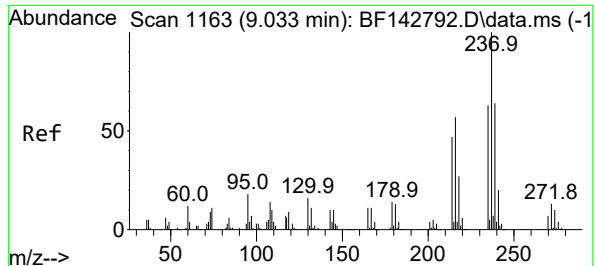
216 100

214 79.7 63.7 95.5

179 21.6 17.6 26.4

108 18.3 14.3 21.5

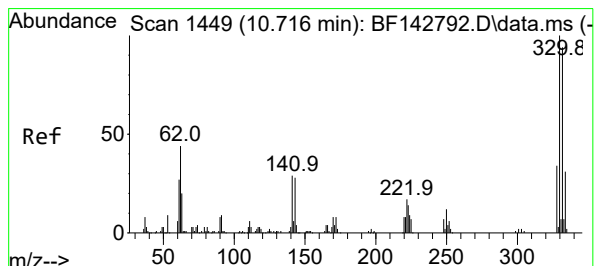
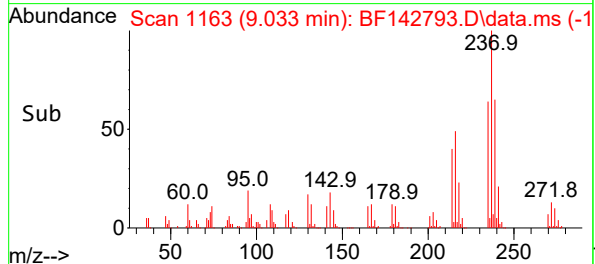
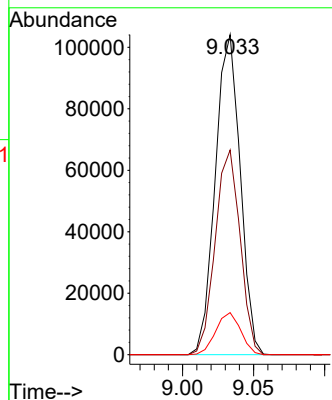
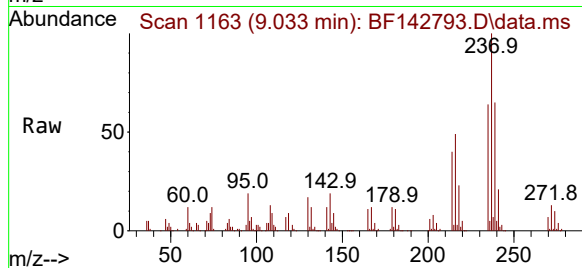




#41
Hexachlorocyclopentadiene
Concen: 50.012 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

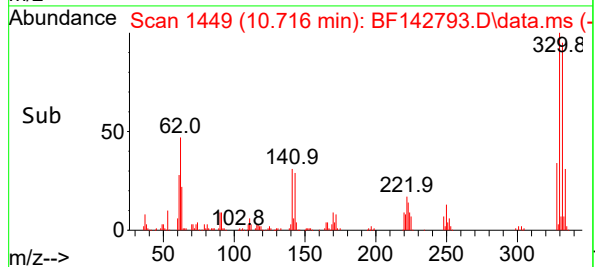
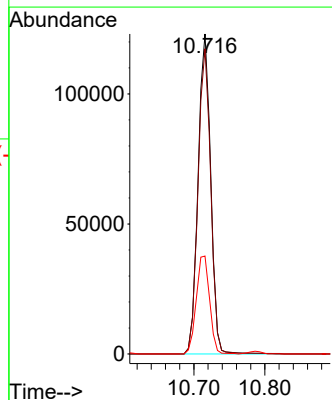
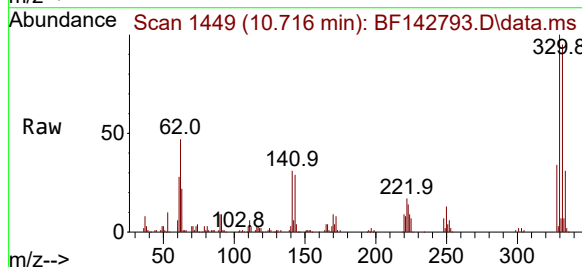
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

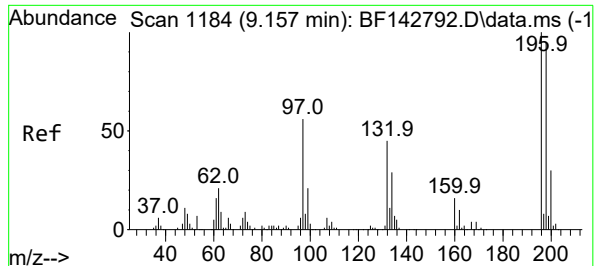
Tgt Ion:237 Resp: 127033
Ion Ratio Lower Upper
237 100
235 64.0 43.4 83.4
272 13.2 0.0 32.7



#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

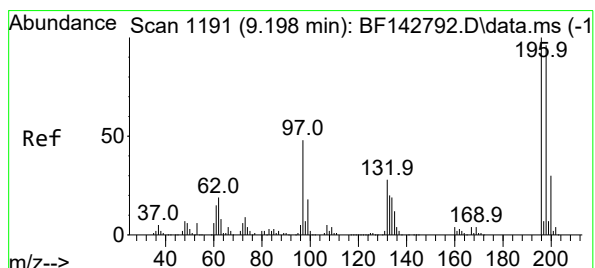
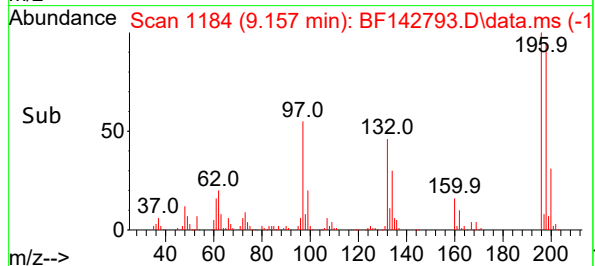
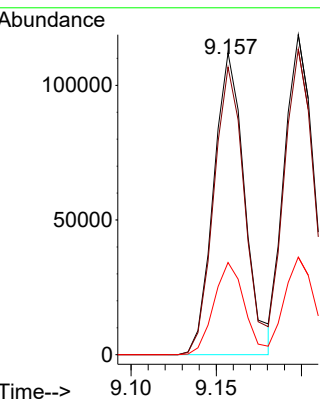
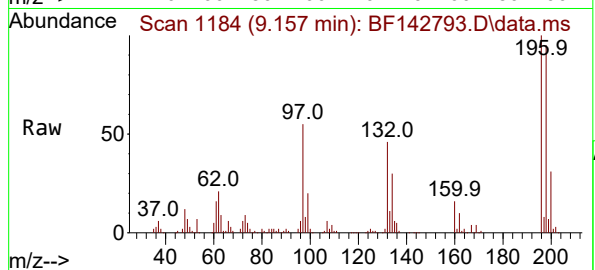
Tgt Ion:196 Resp: 141932

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

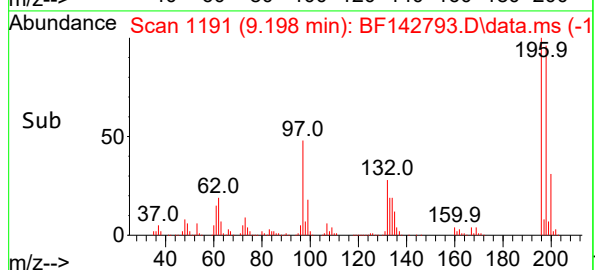
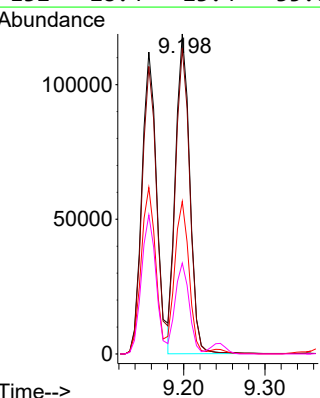
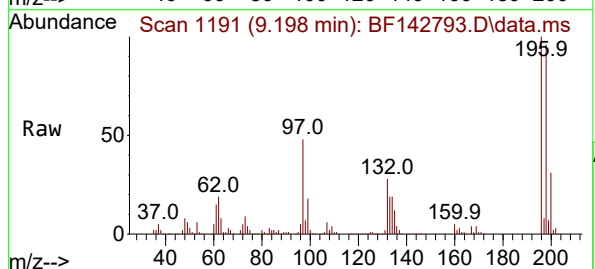
Ion Ratio Lower Upper

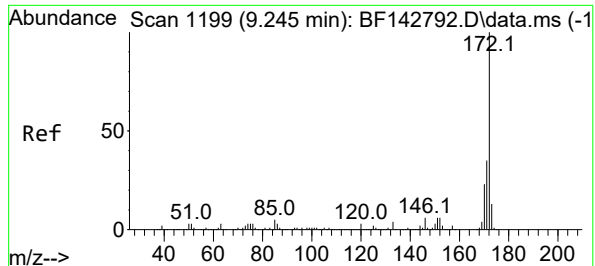
196 100

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

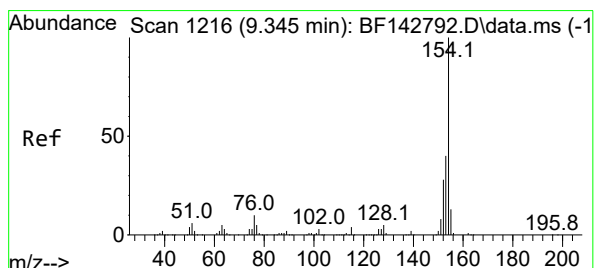
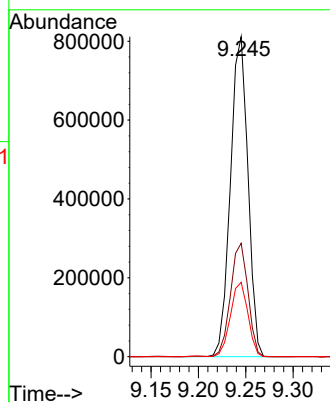
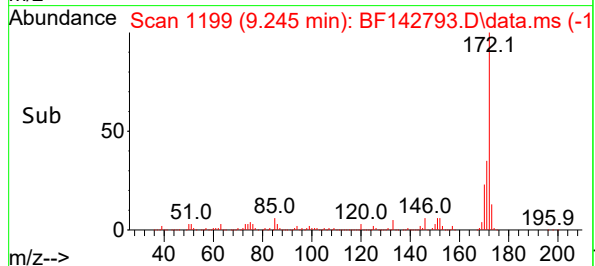
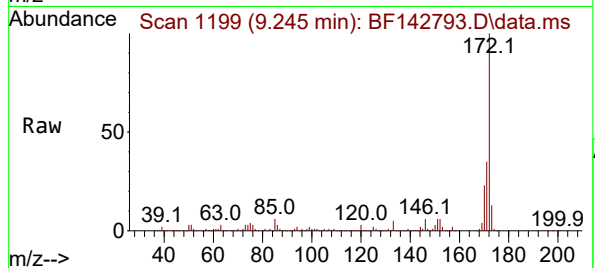
Tgt Ion:172 Resp: 1043477

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

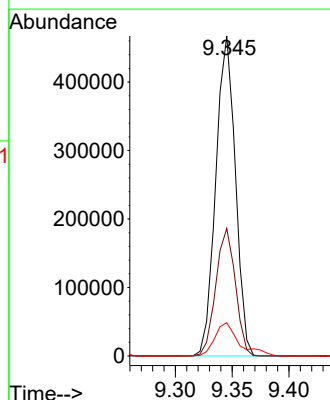
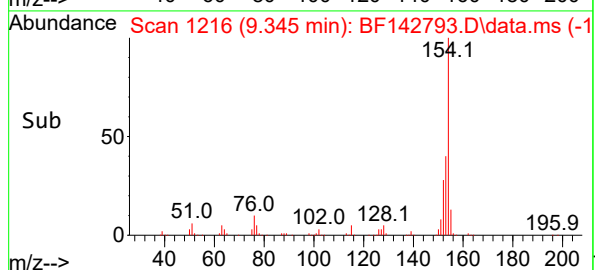
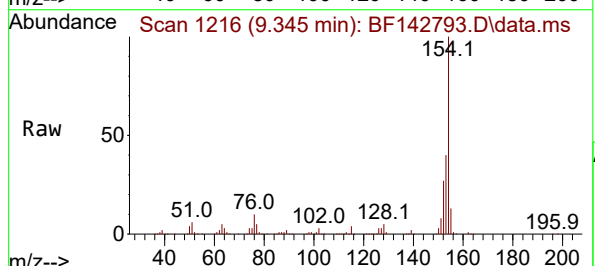
Tgt Ion:154 Resp: 559765

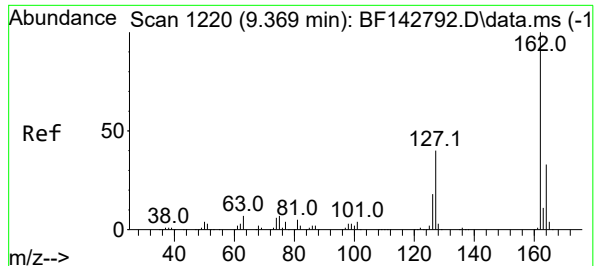
Ion Ratio Lower Upper

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

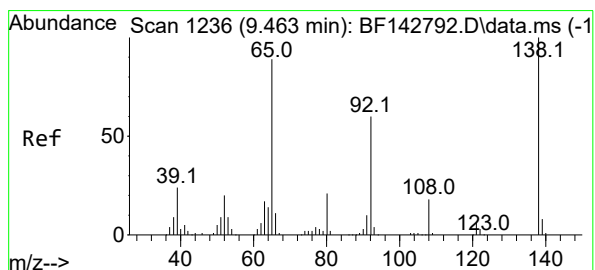
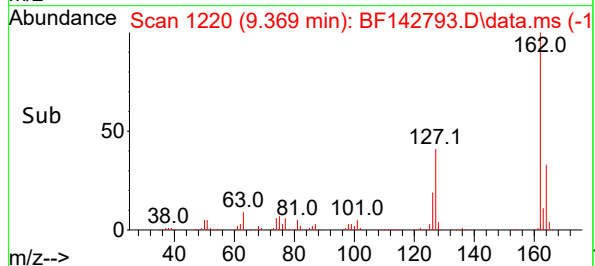
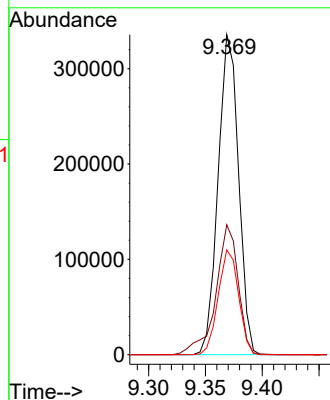
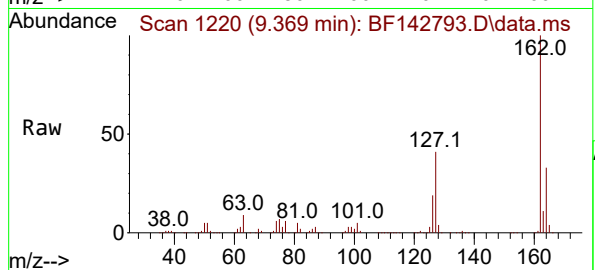
Tgt Ion:162 Resp: 420603

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

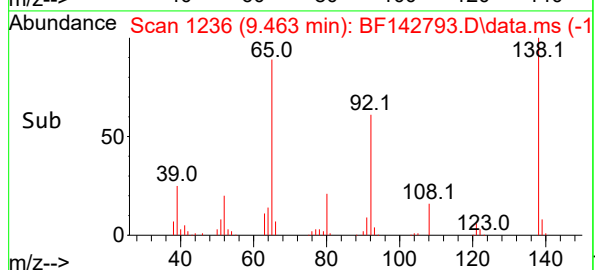
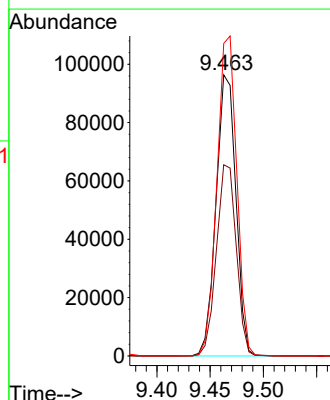
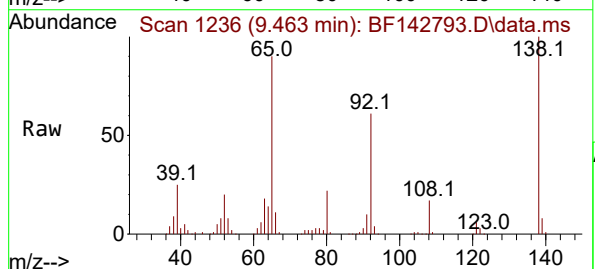
Tgt Ion: 65 Resp: 124478

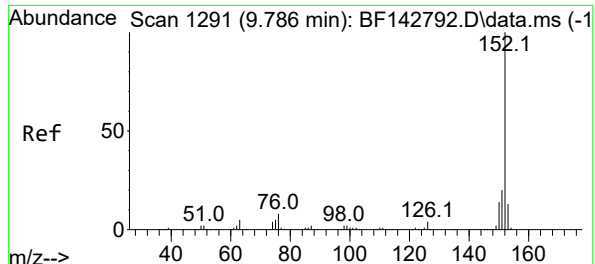
Ion Ratio Lower Upper

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

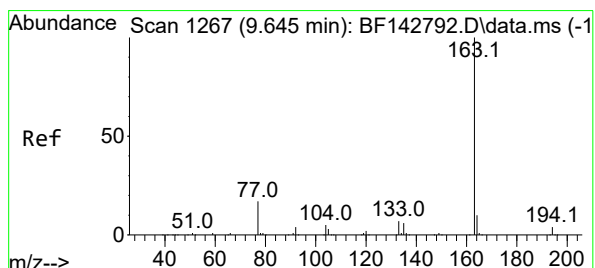
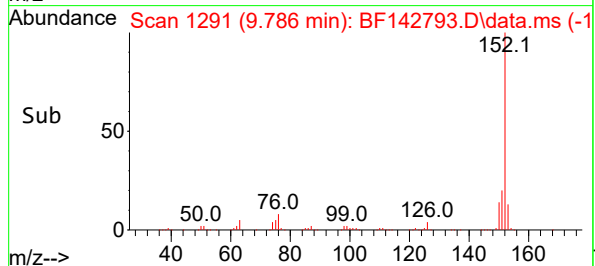
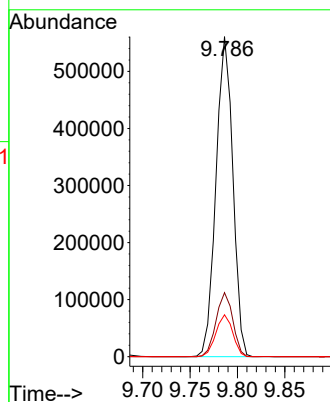
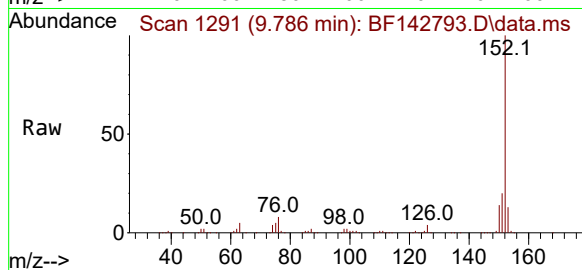
Tgt Ion:152 Resp: 694098

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

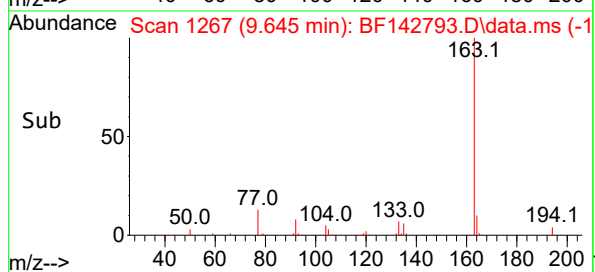
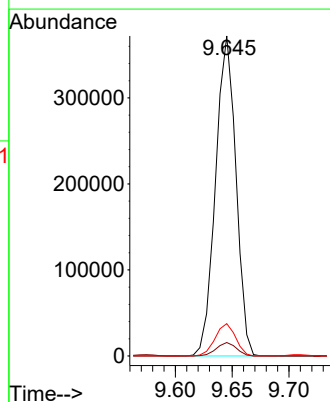
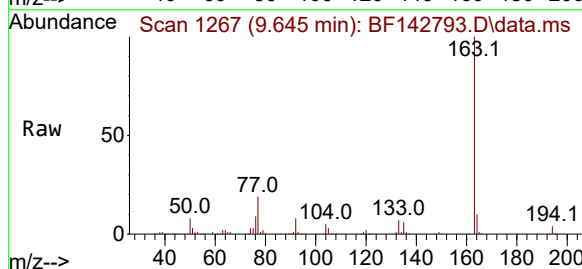
Tgt Ion:163 Resp: 464372

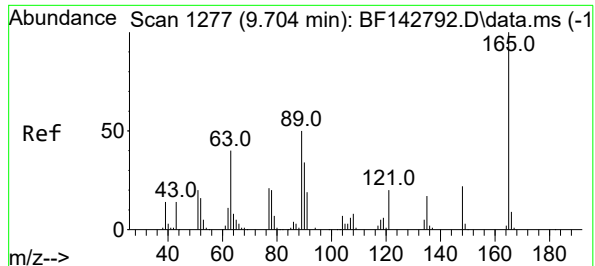
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 8.0 12.0

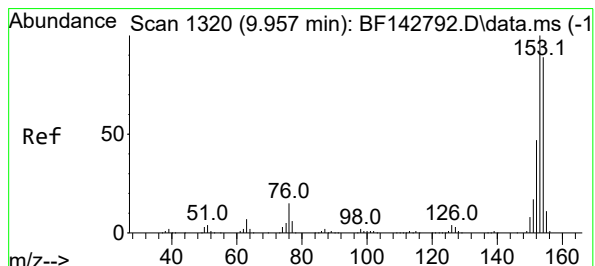
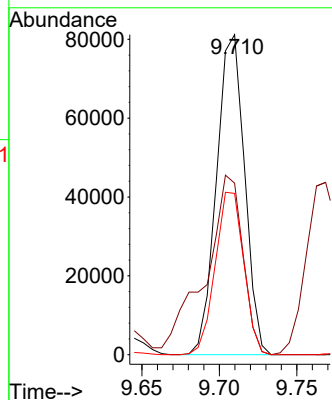
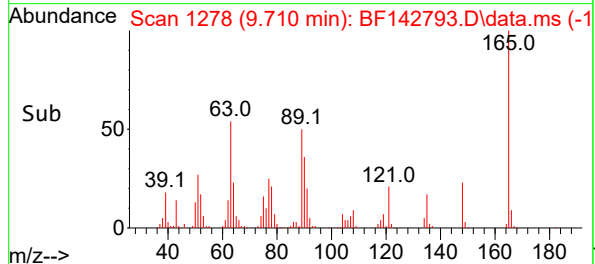
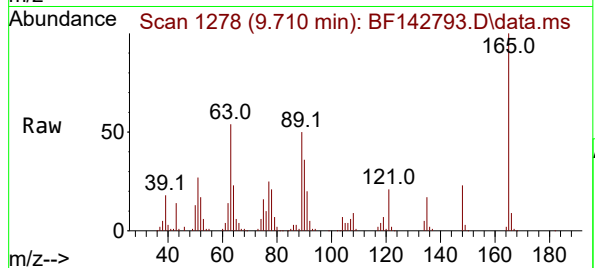




#51
2,6-Dinitrotoluene
Concen: 51.156 ng
RT: 9.710 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

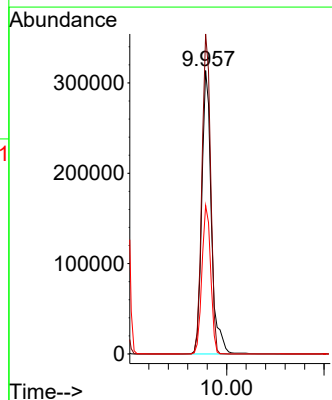
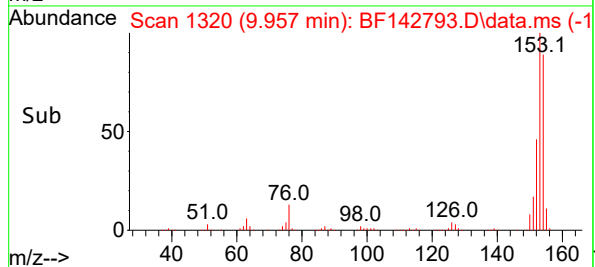
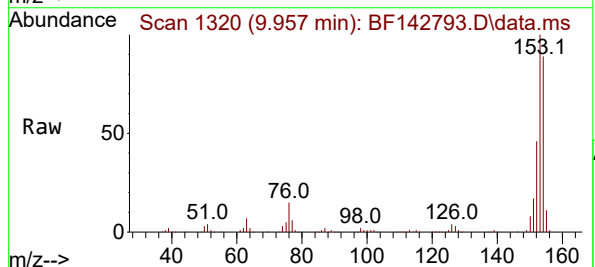
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

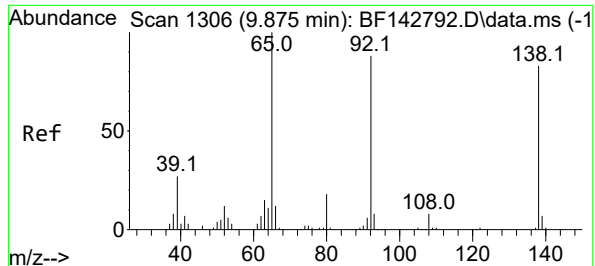
Tgt Ion:165 Resp: 102361
Ion Ratio Lower Upper
165 100
63 53.6 44.2 66.4
89 50.4 39.8 59.8



#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

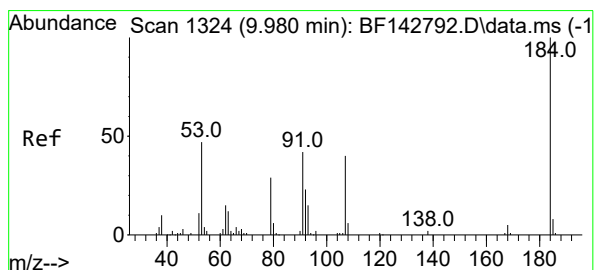
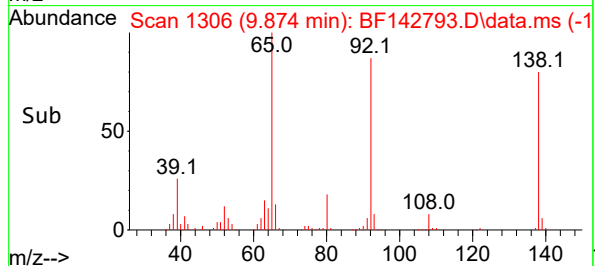
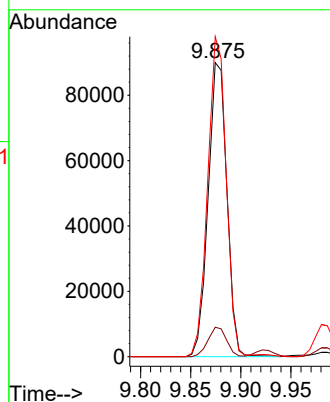
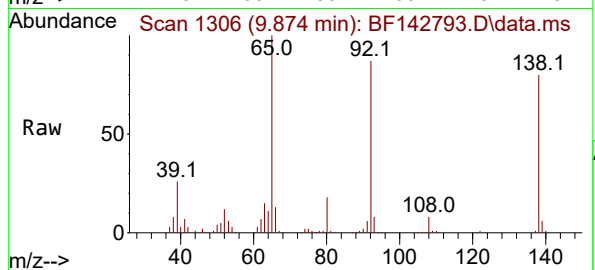
Tgt Ion:138 Resp: 117448

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

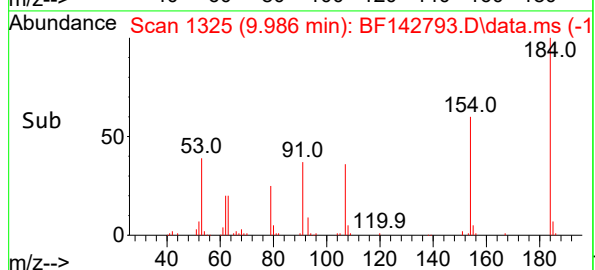
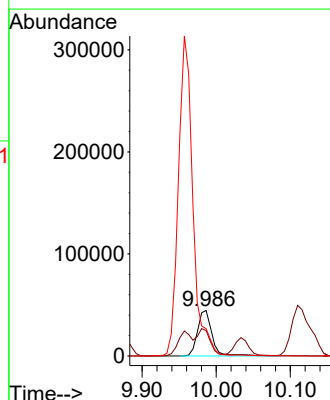
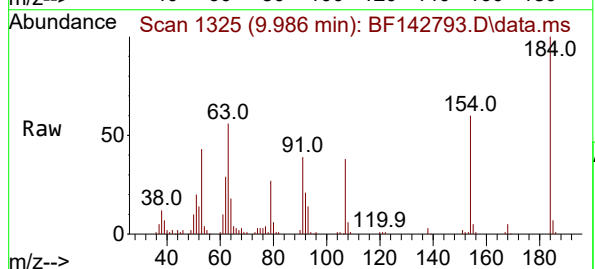
Tgt Ion:184 Resp: 60308

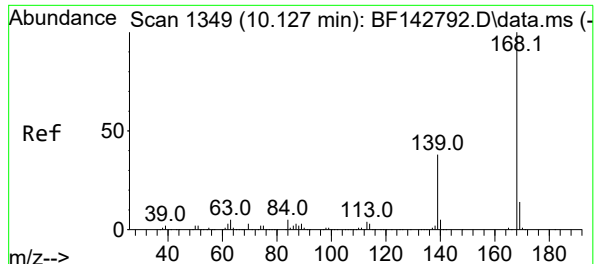
Ion Ratio Lower Upper

184 100

63 56.0 50.6 75.8

154 59.9 51.8 77.8

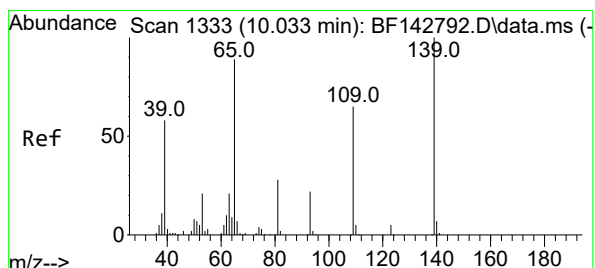
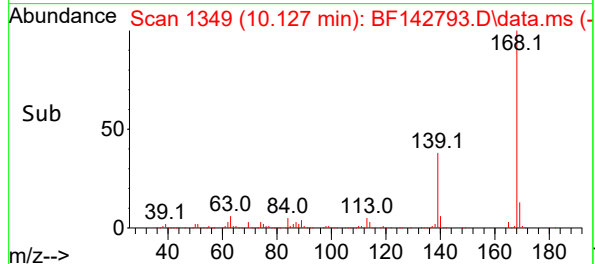
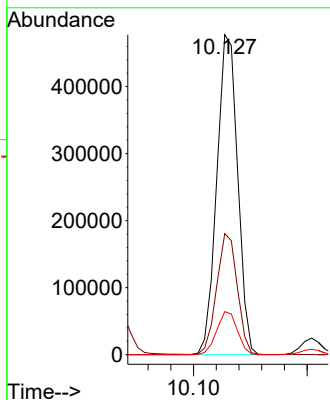
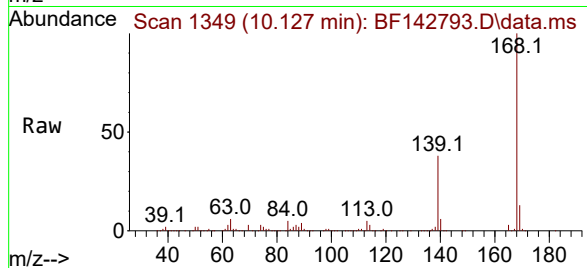




#55
Dibenzofuran
Concen: 51.506 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

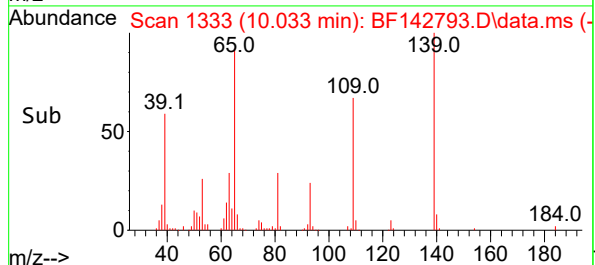
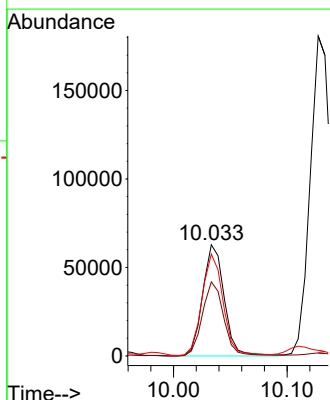
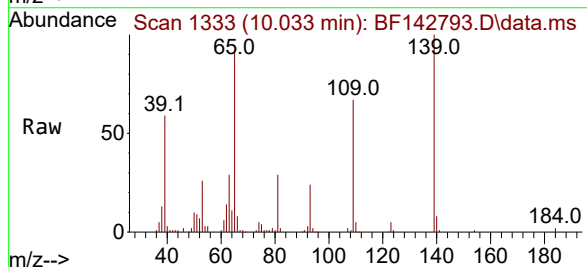
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

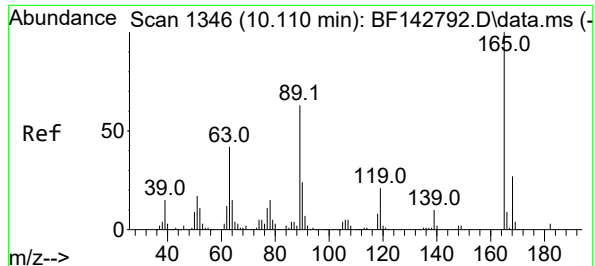
Tgt Ion:168 Resp: 609507
Ion Ratio Lower Upper
168 100
139 37.9 30.2 45.4
169 13.4 10.8 16.2



#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

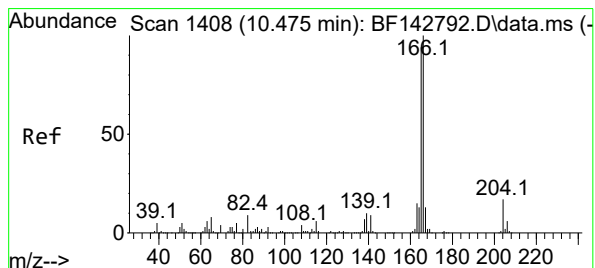
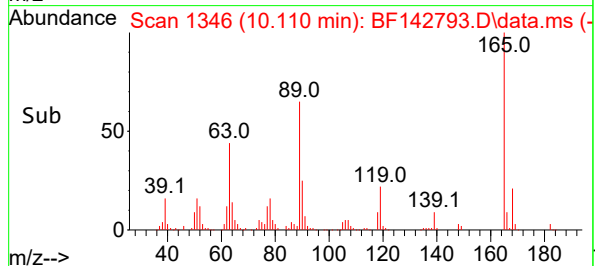
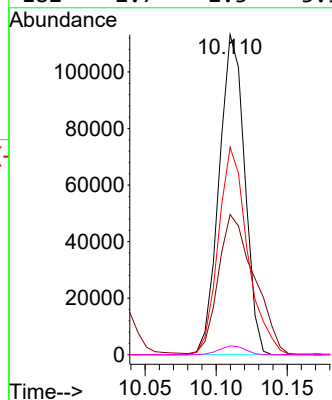
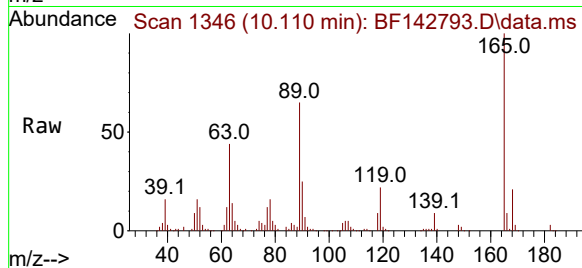




#57
2,4-Dinitrotoluene
Concen: 53.554 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

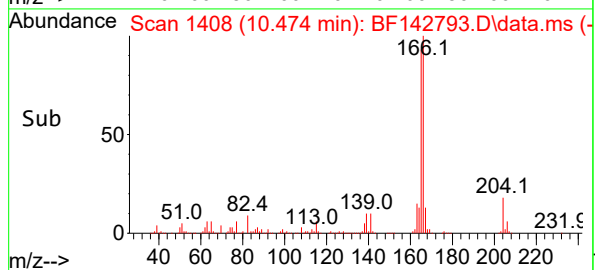
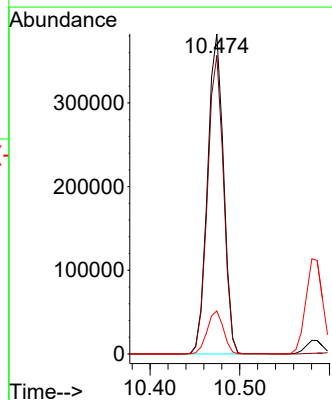
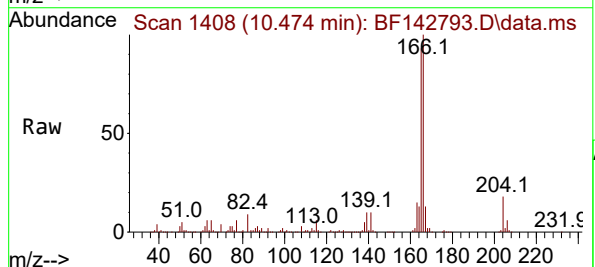
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

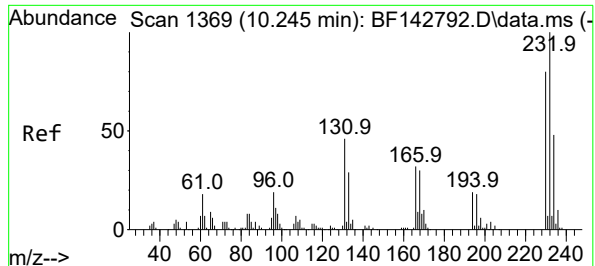
Tgt Ion:165 Resp: 141691
Ion Ratio Lower Upper
165 100
63 43.8 33.9 50.9
89 64.8 50.6 75.8
182 2.7 2.3 3.5



#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

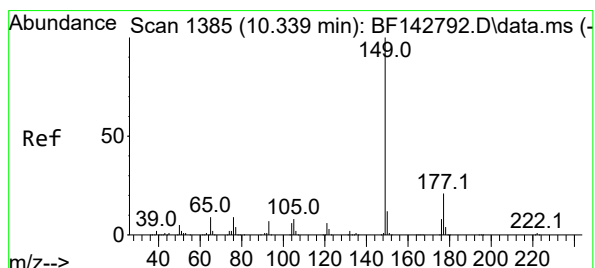
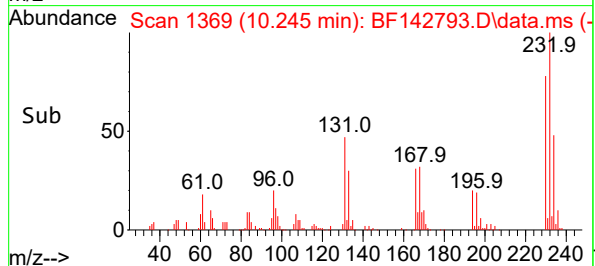
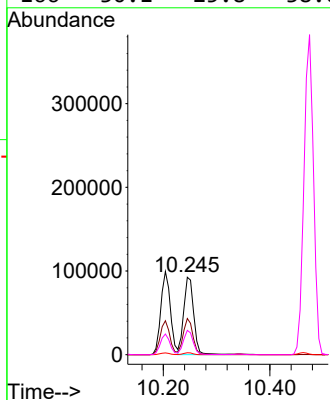
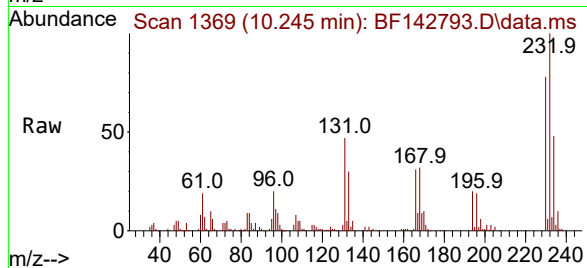




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.988 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

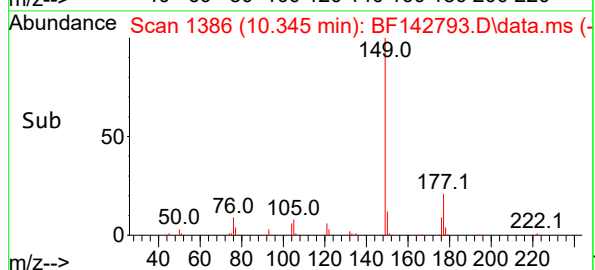
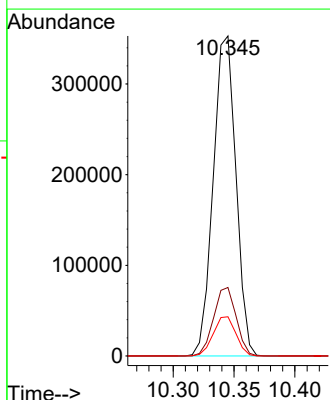
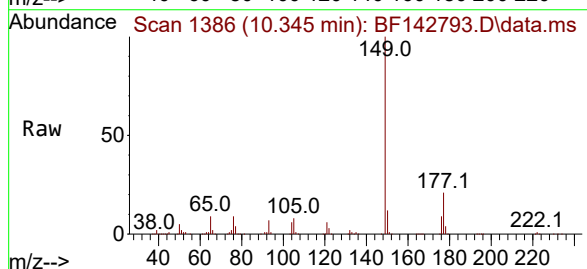
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

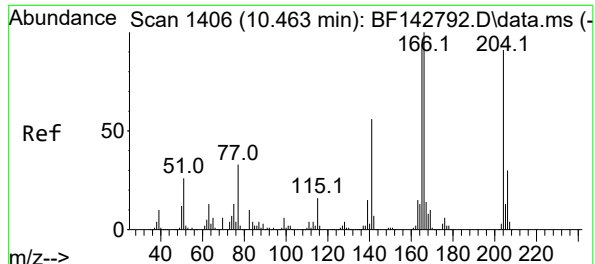
Tgt Ion:232 Resp: 120008
Ion Ratio Lower Upper
232 100
131 44.8 37.6 56.4
130 2.3 1.7 2.5
166 30.1 25.8 38.6



#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

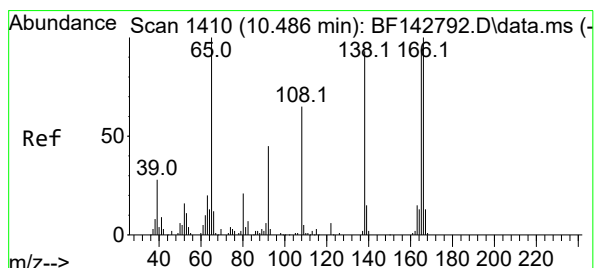
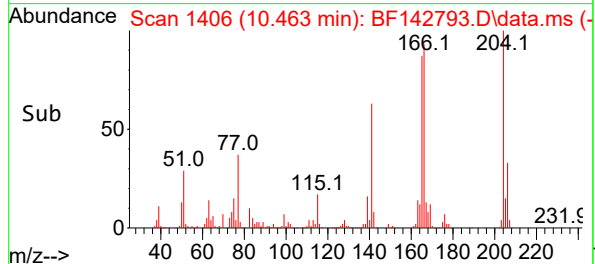
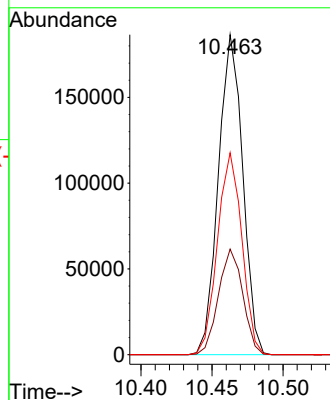
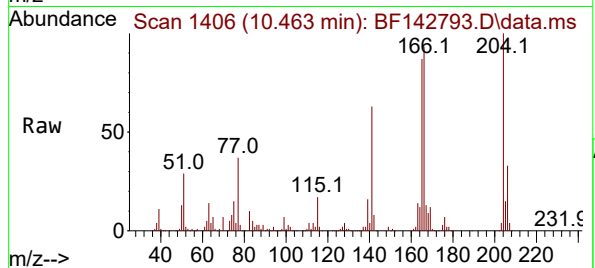




#61
4-Chlorophenyl-phenylether
Concen: 49.076 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

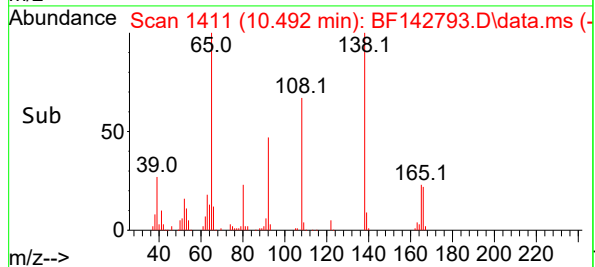
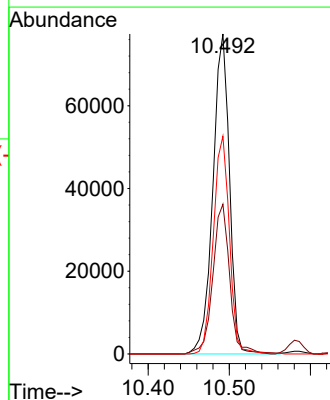
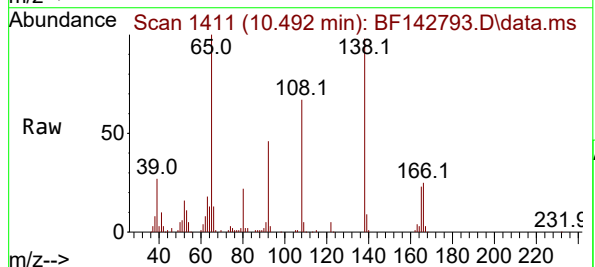
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

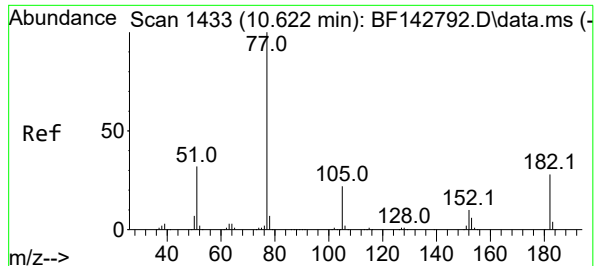
Tgt Ion:204 Resp: 222613
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 63.1 49.1 73.7



#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

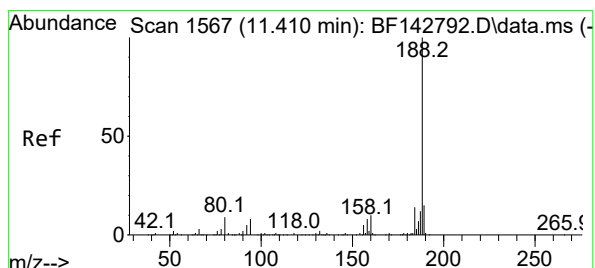
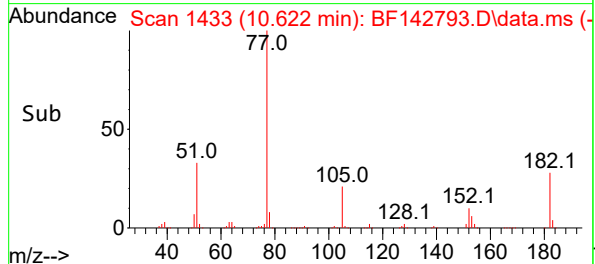
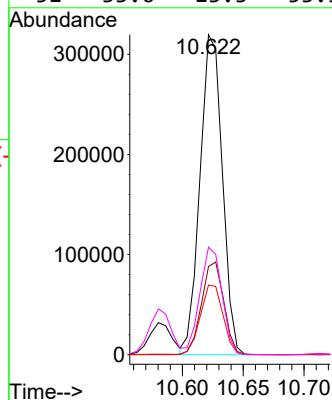
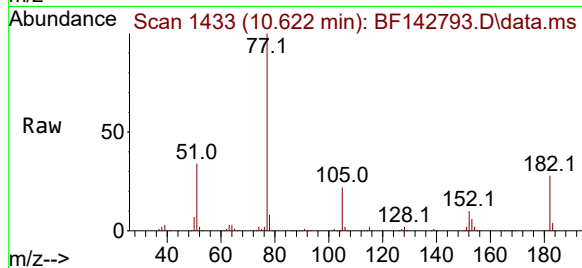




#63
Azobenzene
Concen: 51.063 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

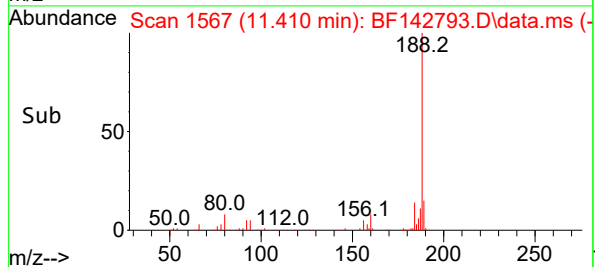
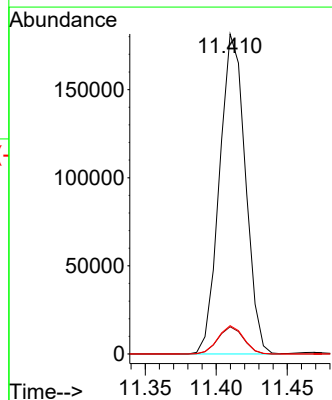
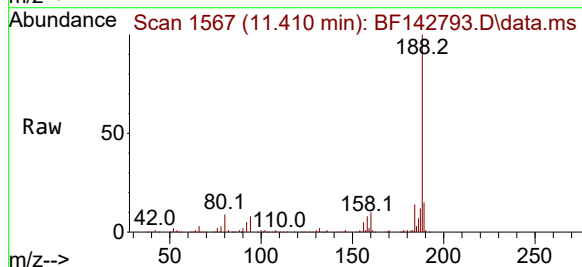
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

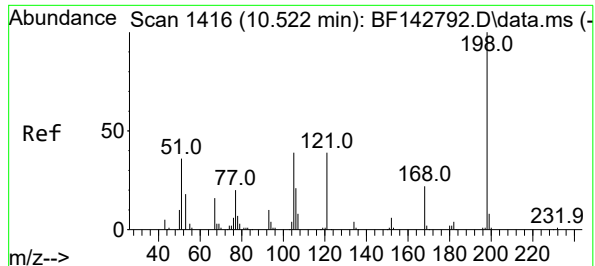
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.7	47.7
105	21.8	1.9	41.9
51	33.6	13.3	53.3



#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

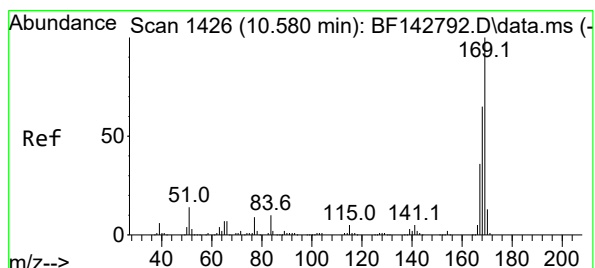
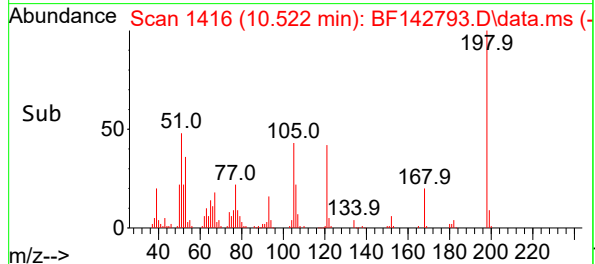
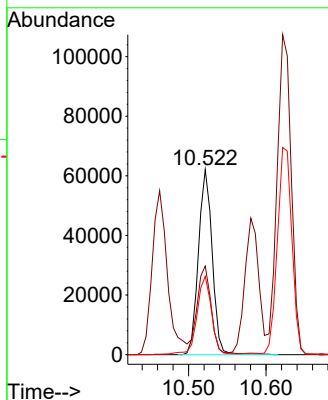
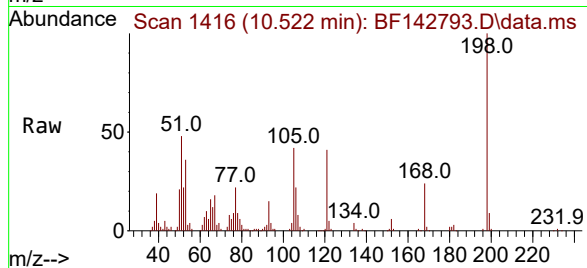




#65
4,6-Dinitro-2-methylphenol
Concen: 53.713 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

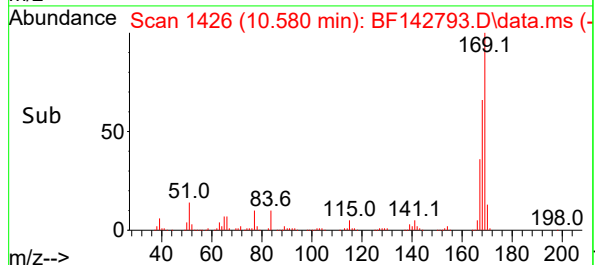
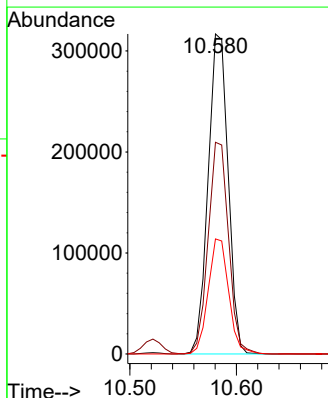
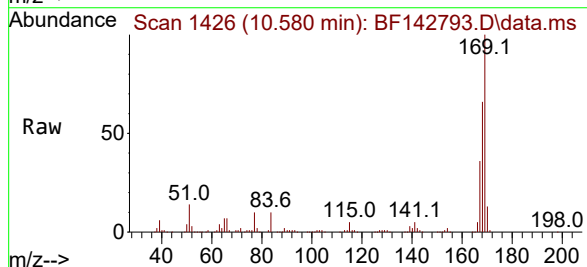
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

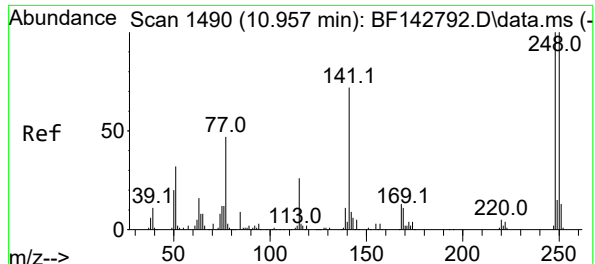
Tgt Ion:198 Resp: 76696
Ion Ratio Lower Upper
198 100
51 47.9 25.4 65.4
105 42.3 20.4 60.4



#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

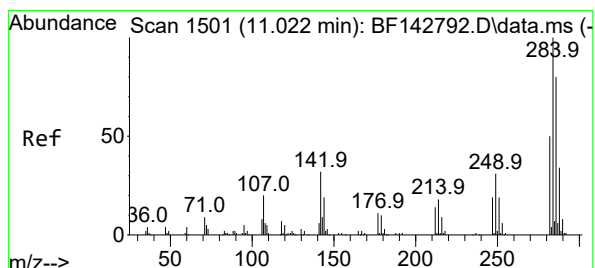
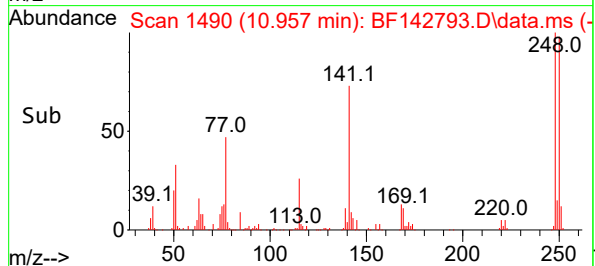
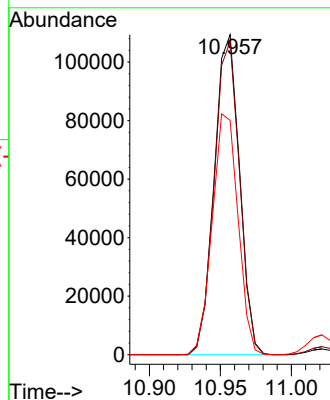
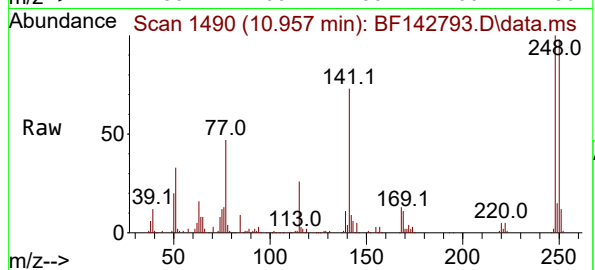
Tgt Ion:248 Resp: 135699

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

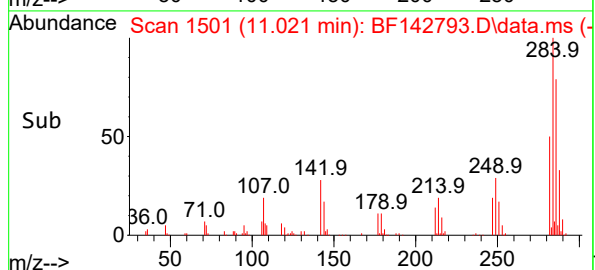
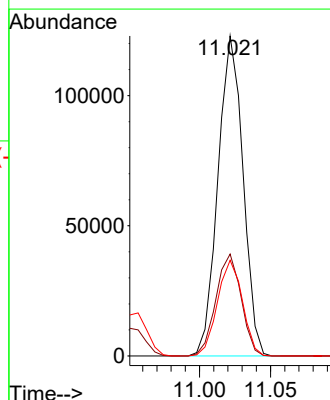
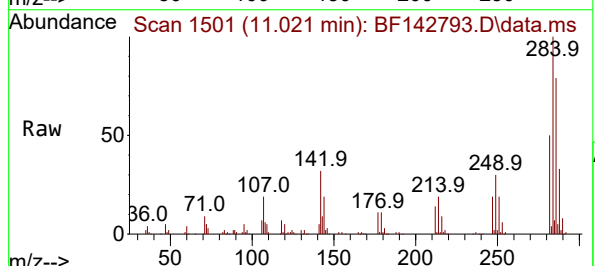
Tgt Ion:284 Resp: 150669

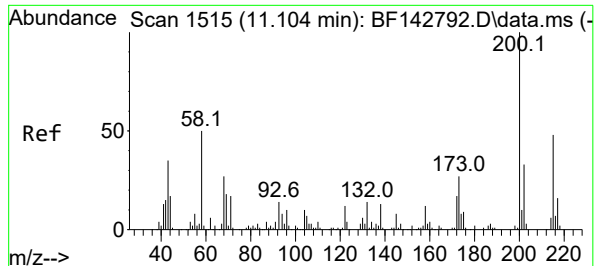
Ion Ratio Lower Upper

284 100

142 31.9 25.5 38.3

249 29.9 24.9 37.3

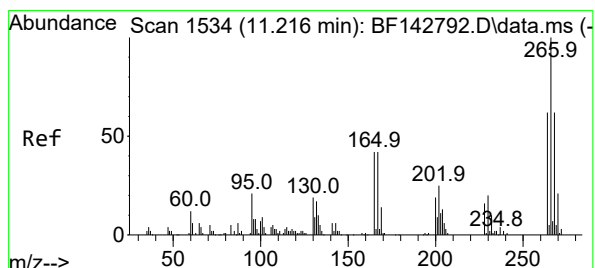
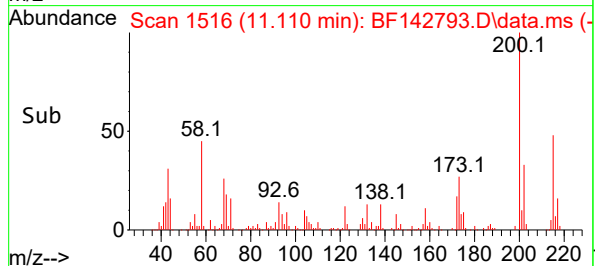
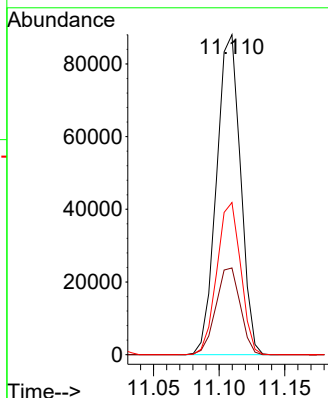
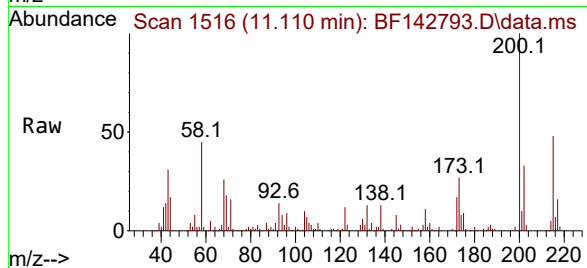




#69
Atrazine
Concen: 53.385 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

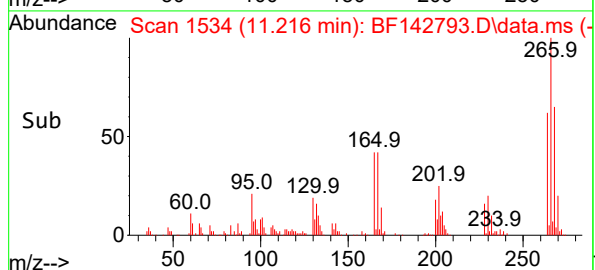
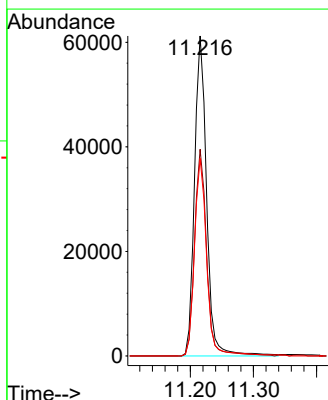
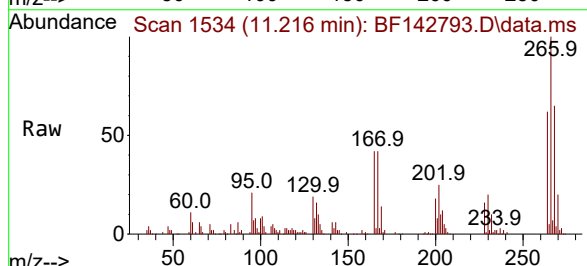
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

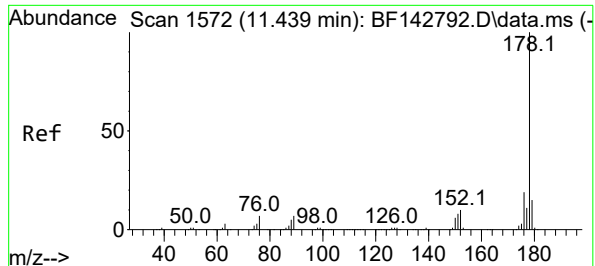
Tgt Ion:200 Resp: 111915
Ion Ratio Lower Upper
200 100
173 27.1 7.4 47.4
215 47.5 28.4 68.4



#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

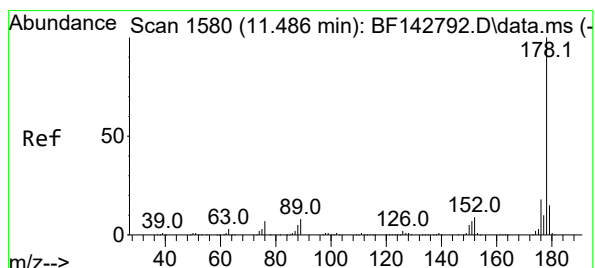
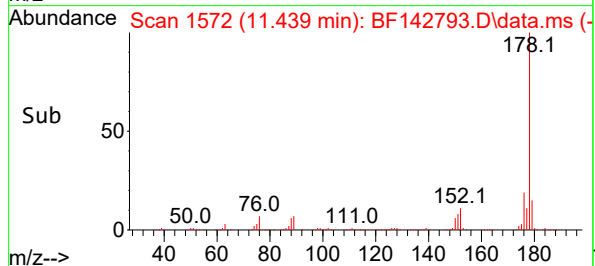
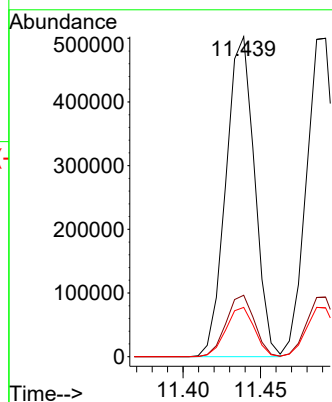
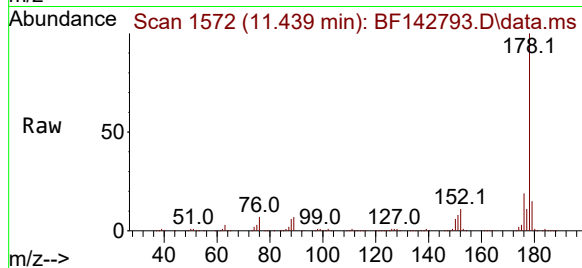




#71
Phenanthrene
Concen: 52.403 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

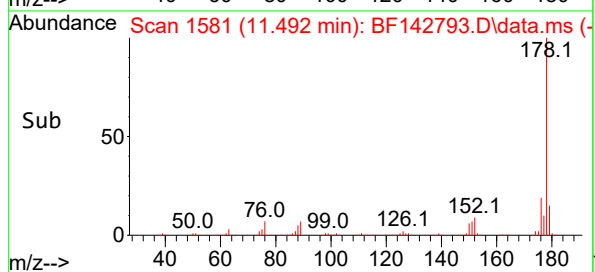
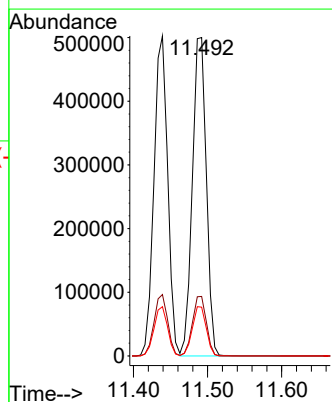
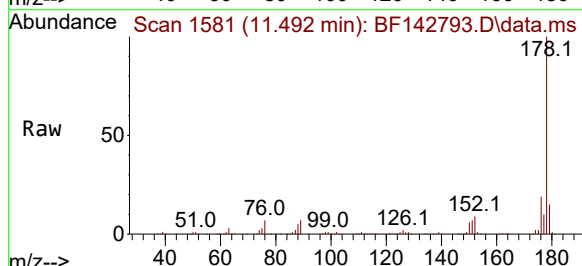
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

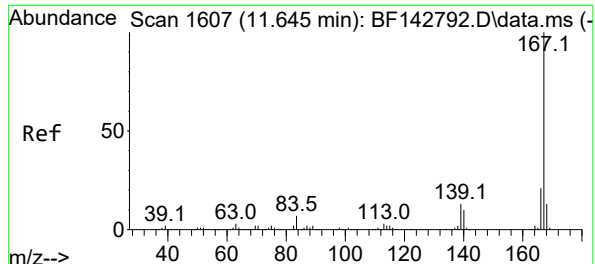
Tgt Ion:178 Resp: 644668
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.0 18.0



#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

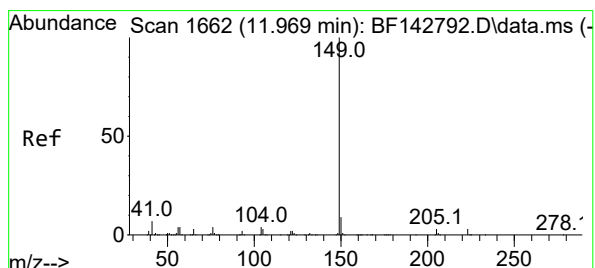
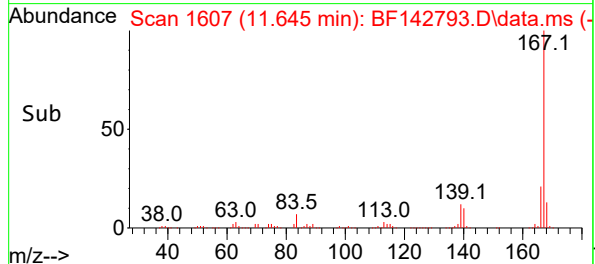
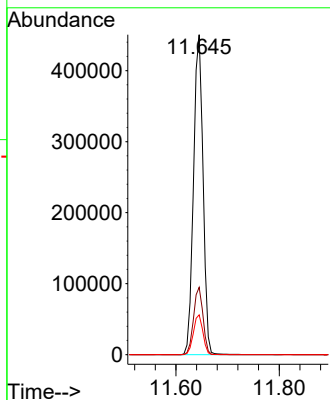
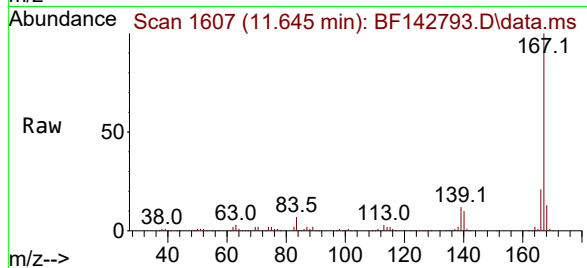




#73
Carbazole
Concen: 53.996 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

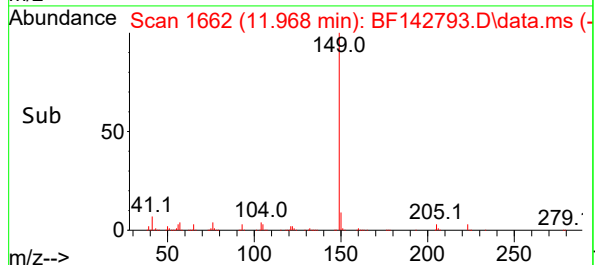
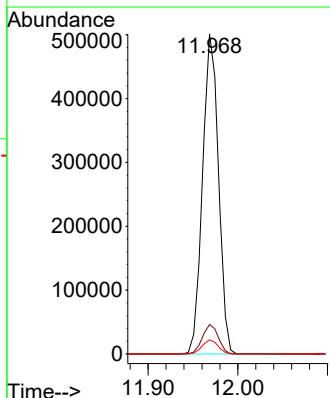
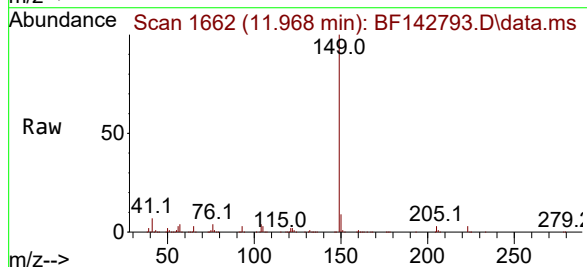
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

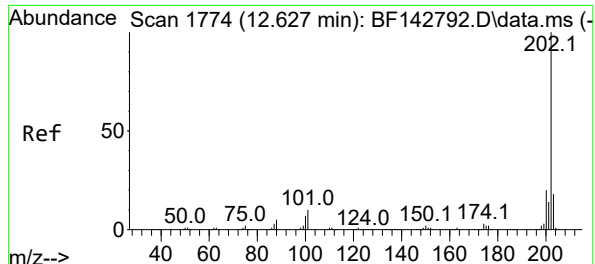
Tgt Ion:167 Resp: 575784
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.4
139 12.5 10.2 15.2



#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

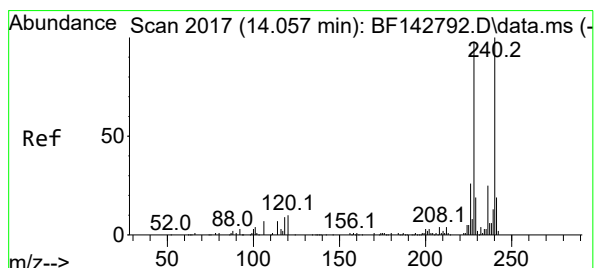
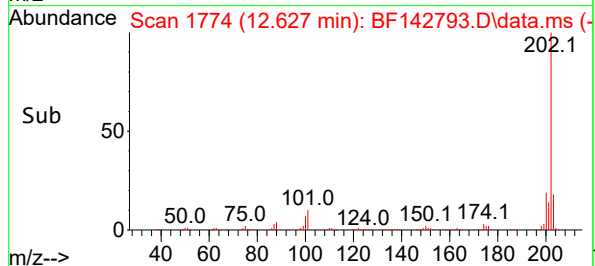
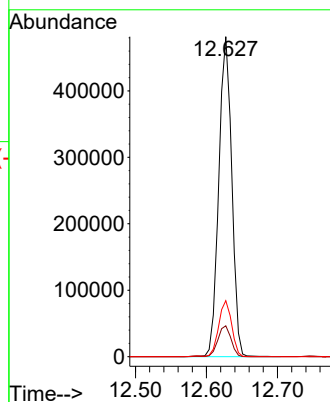
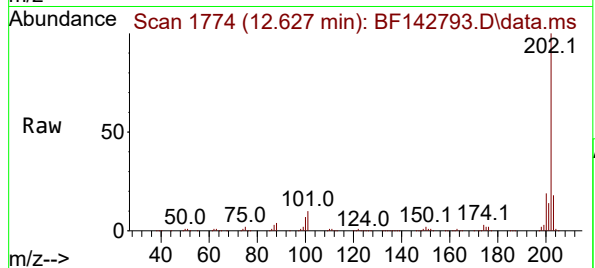




#75
Fluoranthene
Concen: 52.032 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

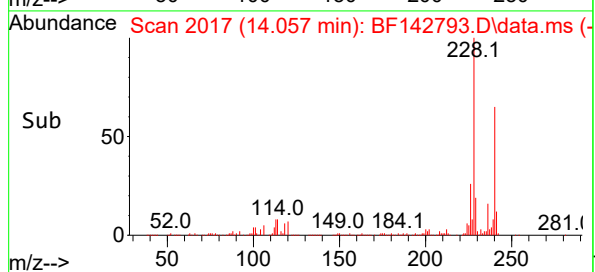
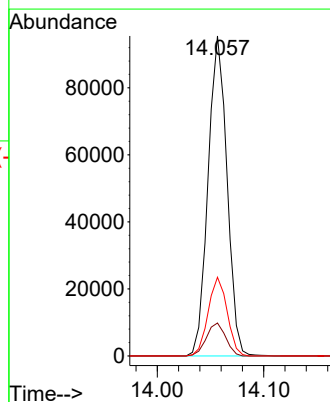
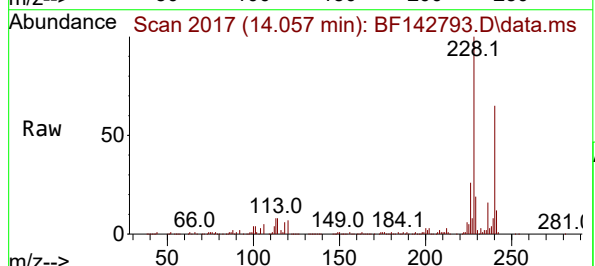
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

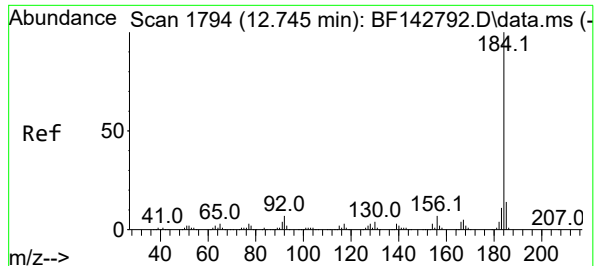
Tgt Ion:202 Resp: 608190
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.5 0.0 37.5



#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

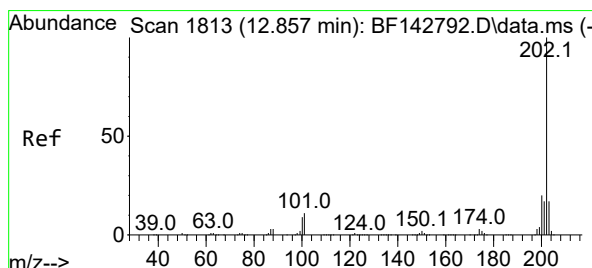
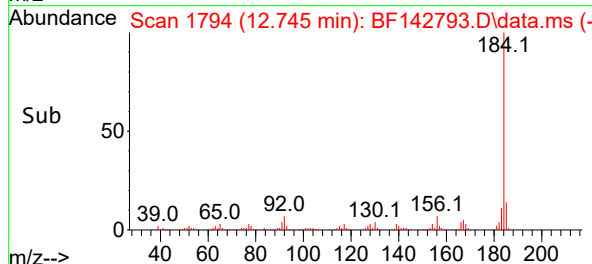
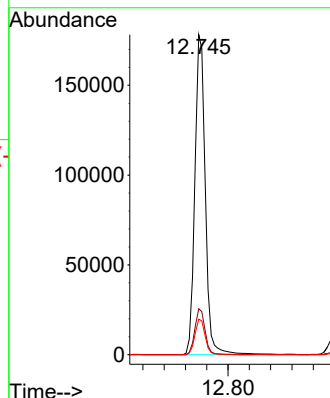
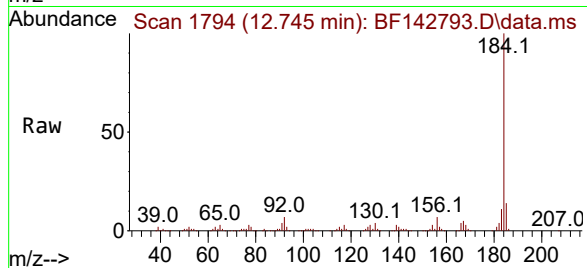
Tgt Ion:184 Resp: 242794

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

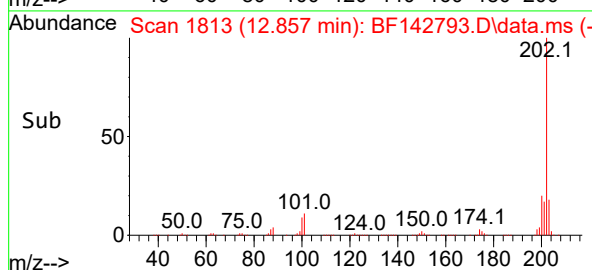
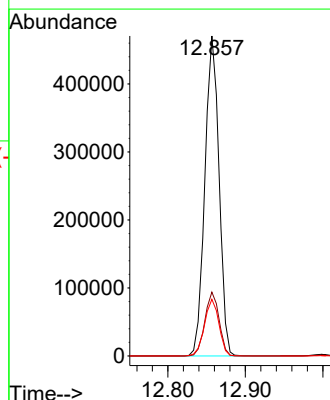
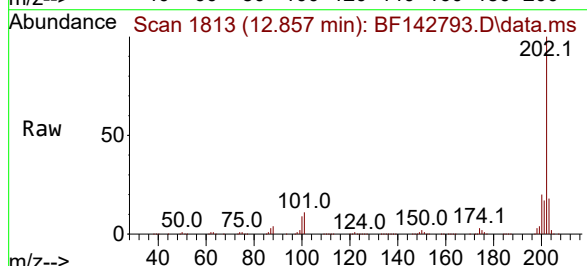
Tgt Ion:202 Resp: 597913

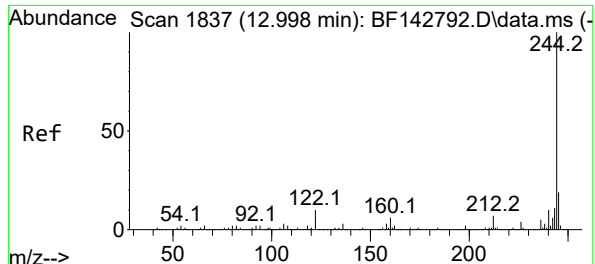
Ion Ratio Lower Upper

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

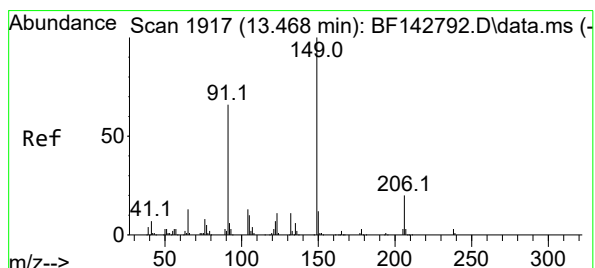
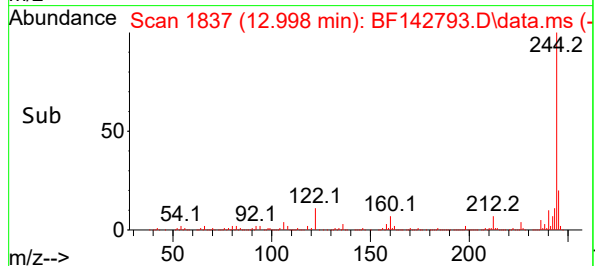
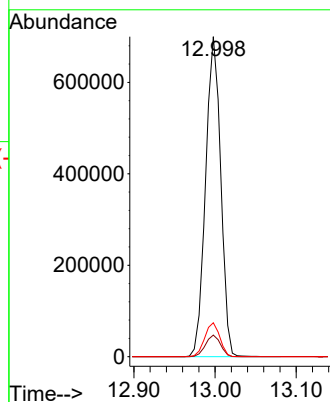
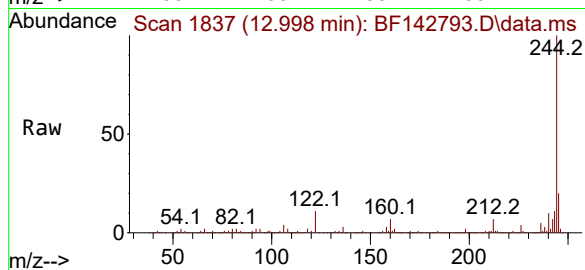
Tgt Ion:244 Resp: 904305

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

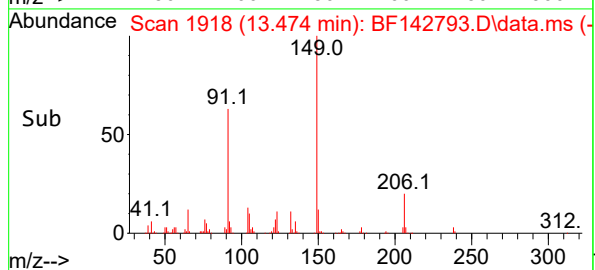
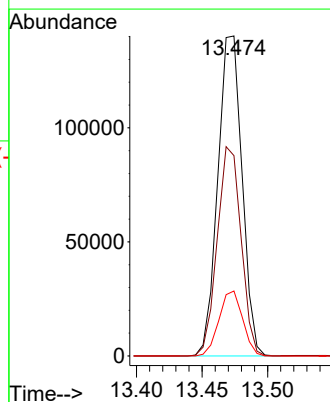
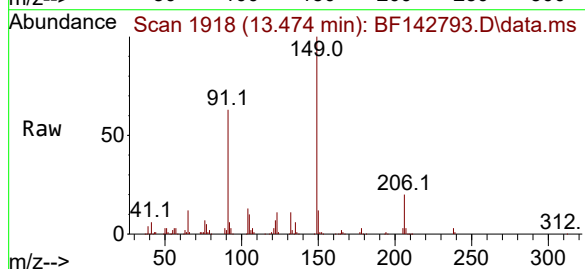
Tgt Ion:149 Resp: 180565

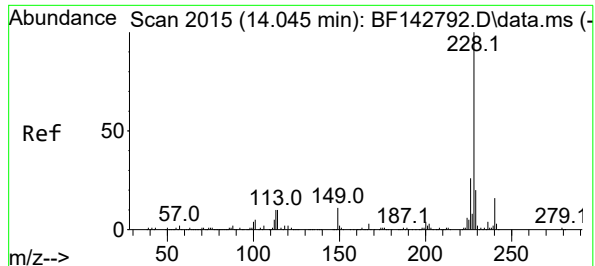
Ion Ratio Lower Upper

149 100

91 62.6 52.9 79.3

206 20.3 16.3 24.5

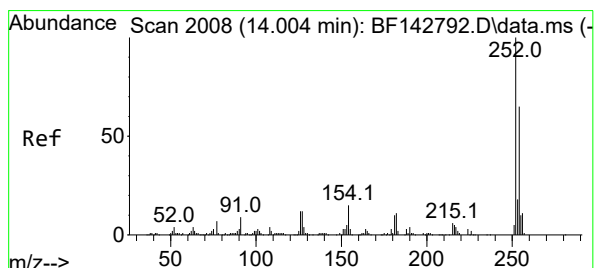
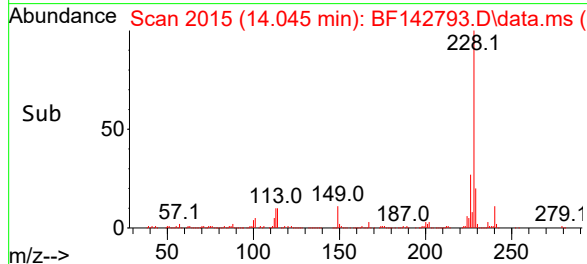
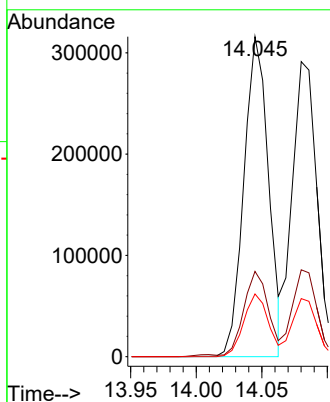
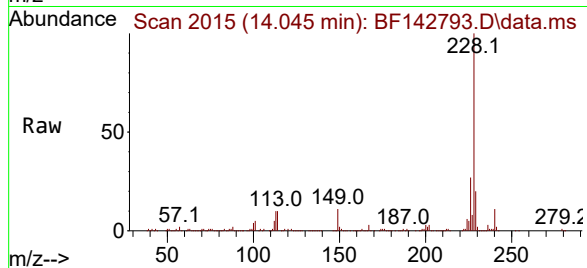




#81
Benzo(a)anthracene
Concen: 53.431 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

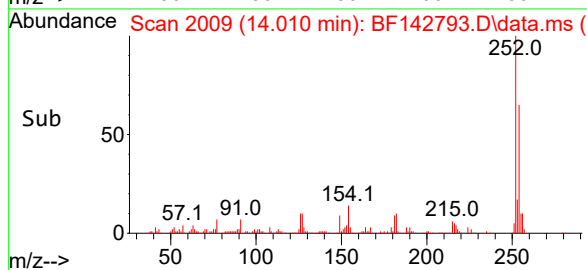
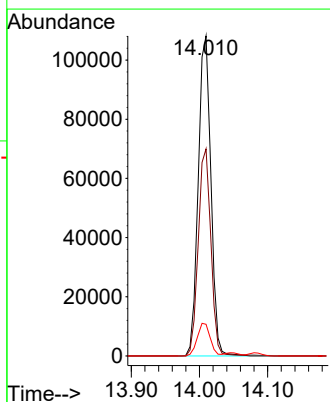
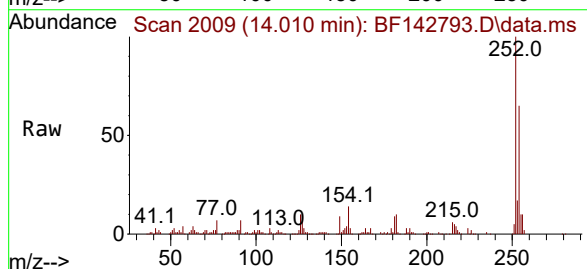
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

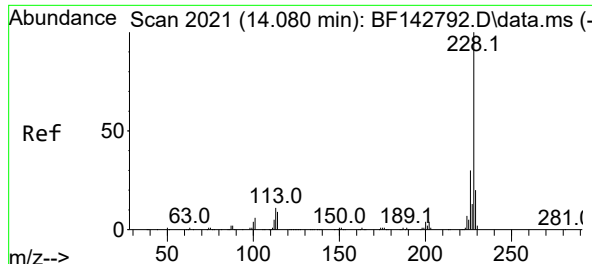
Tgt Ion:228 Resp: 413349
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.6 15.6 23.4



#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

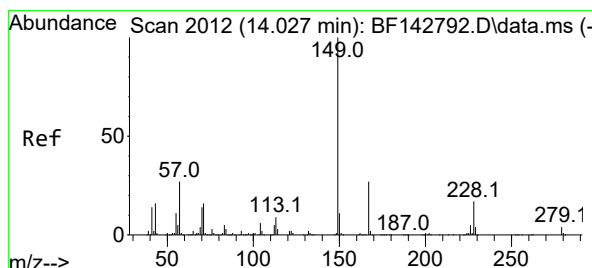
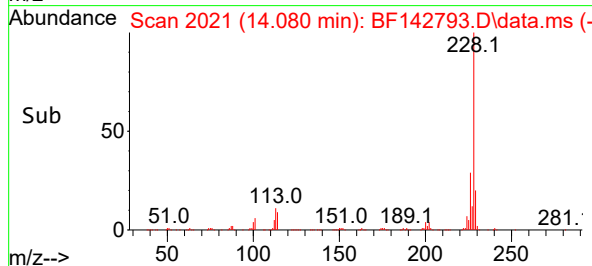
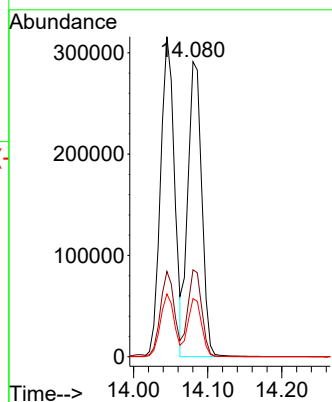
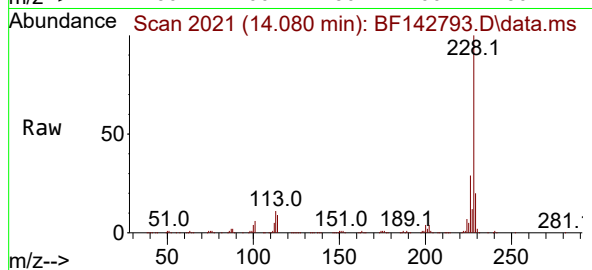
Tgt Ion:228 Resp: 381352

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

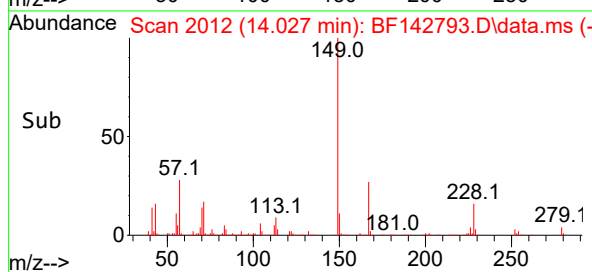
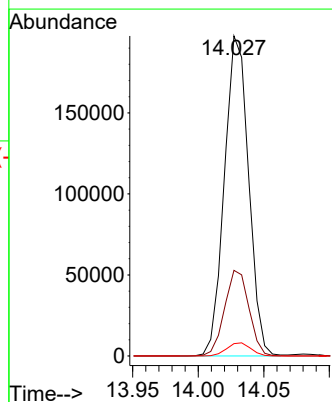
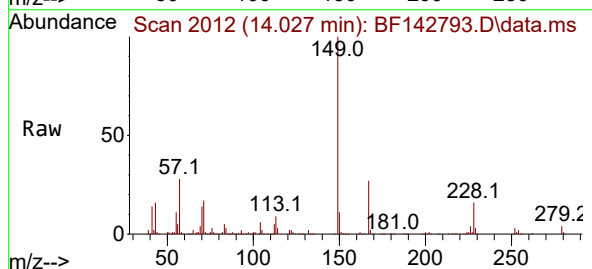
Tgt Ion:149 Resp: 253542

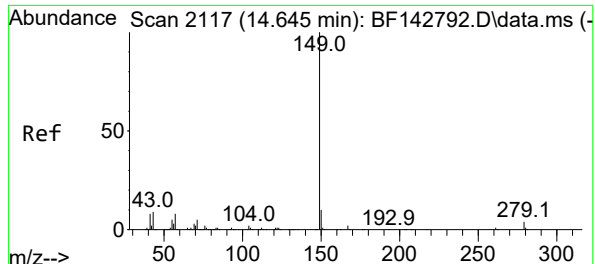
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.8 3.0 4.6

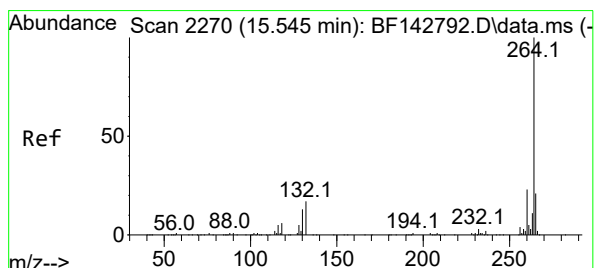
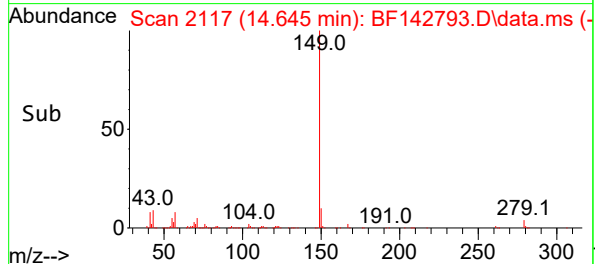
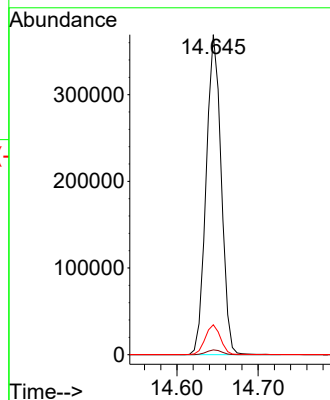
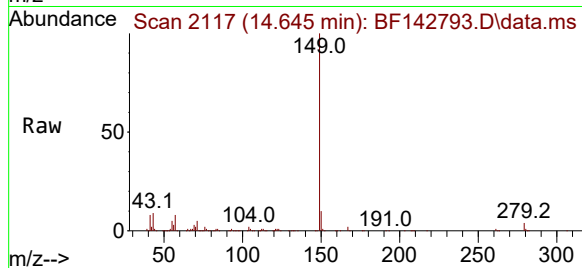




#85
Di-n-octyl phthalate
Concen: 52.029 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

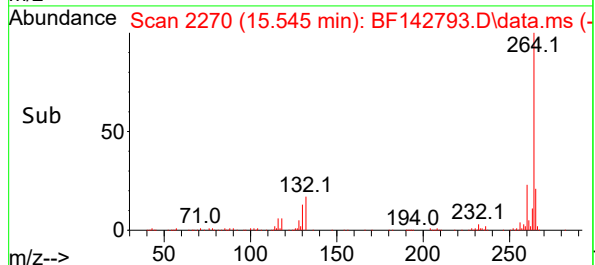
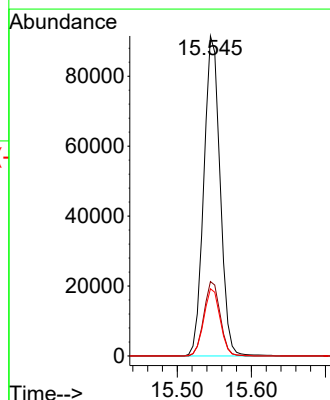
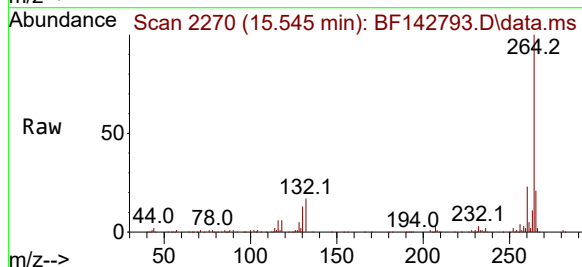
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

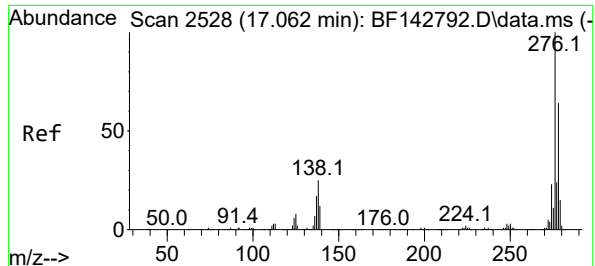
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.4	7.6	11.4



#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

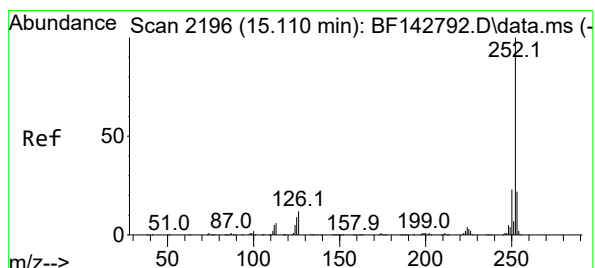
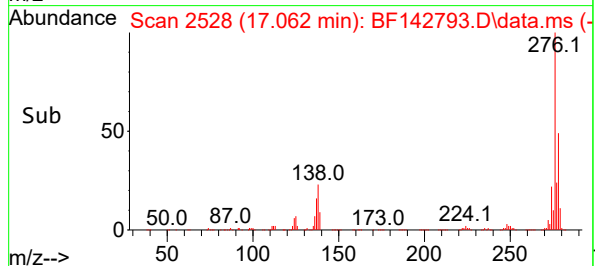
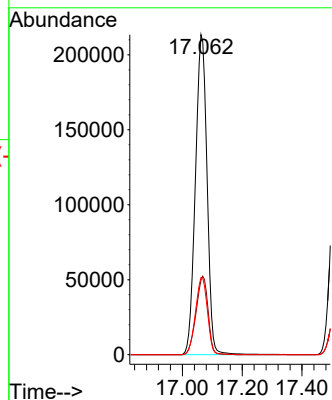
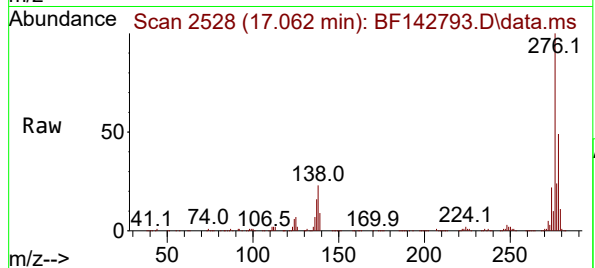




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.741 ng
RT: 17.062 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

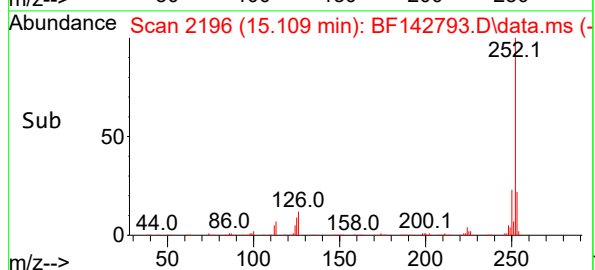
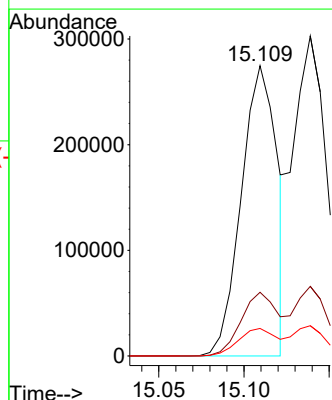
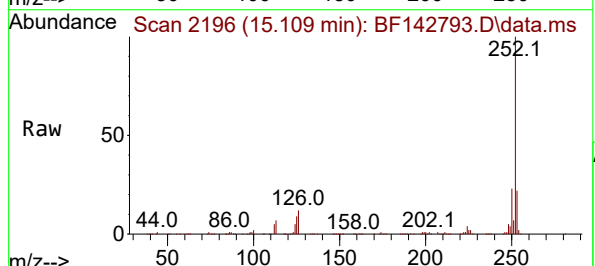
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

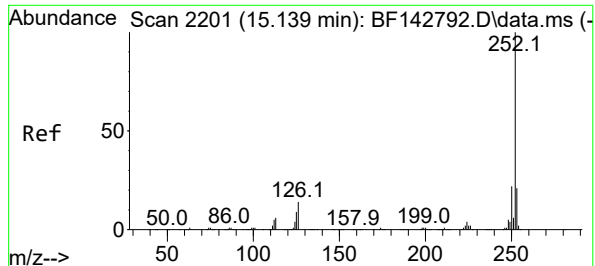
Tgt Ion:276 Resp: 575271
Ion Ratio Lower Upper
276 100
138 25.3 20.2 30.4
277 24.7 19.8 29.6



#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

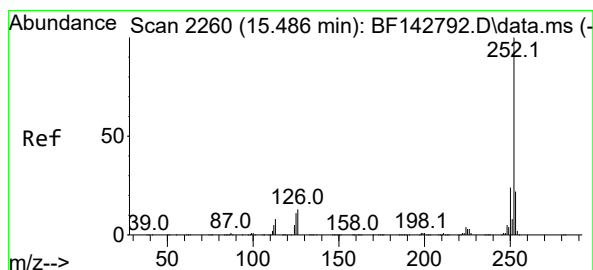
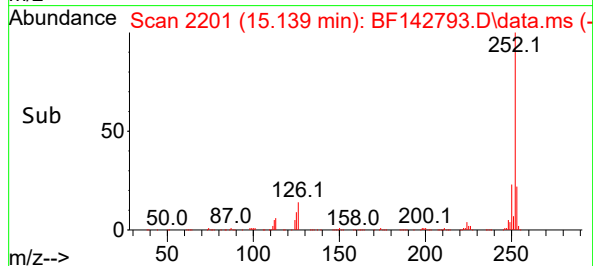
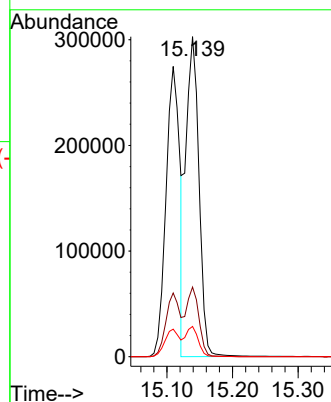
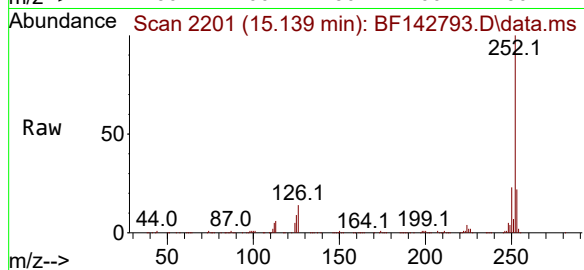
Tgt Ion:252 Resp: 416169

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

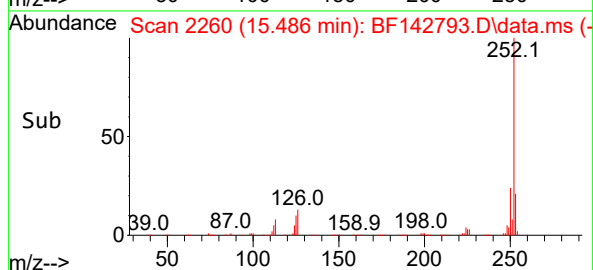
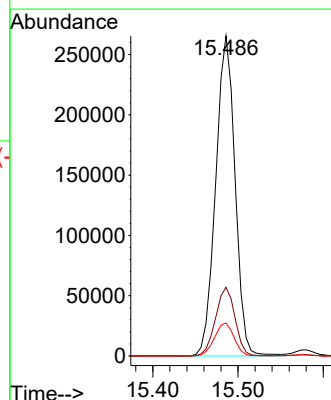
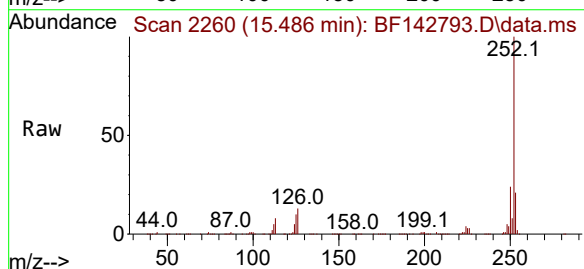
Tgt Ion:252 Resp: 419030

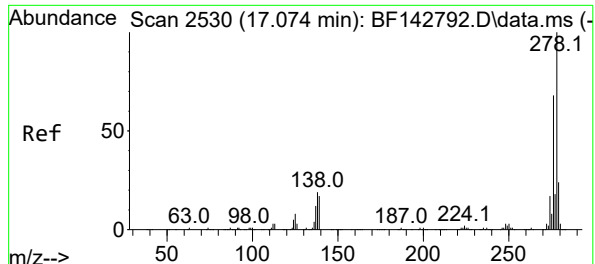
Ion Ratio Lower Upper

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

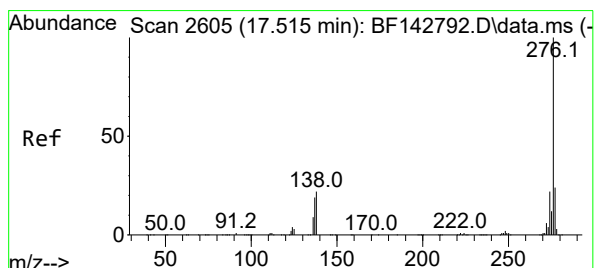
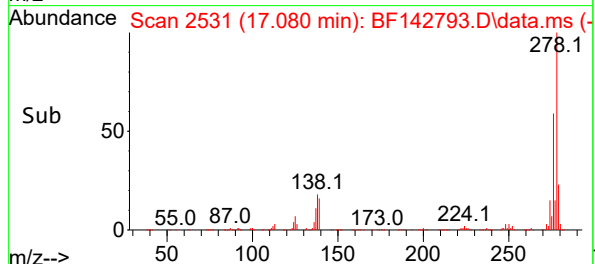
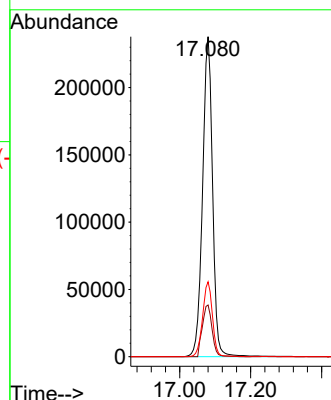
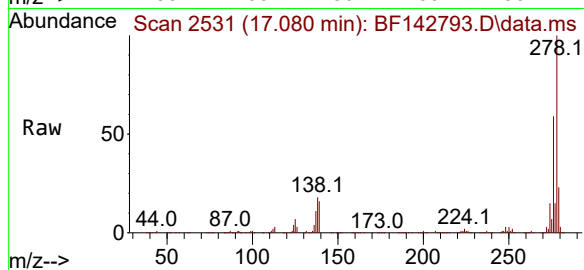
Tgt Ion:278 Resp: 466485

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

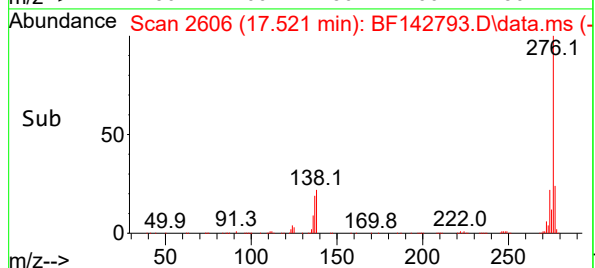
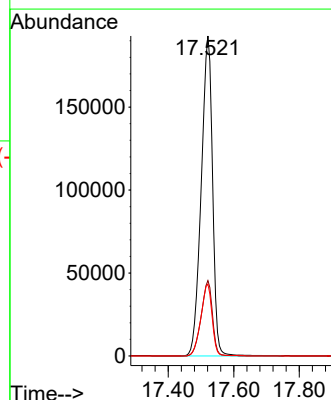
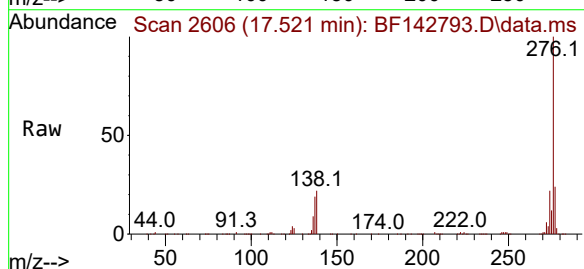
Tgt Ion:276 Resp: 464951

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

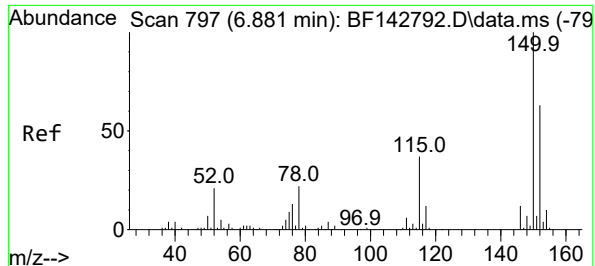
Quant Time: Jun 20 04:41:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

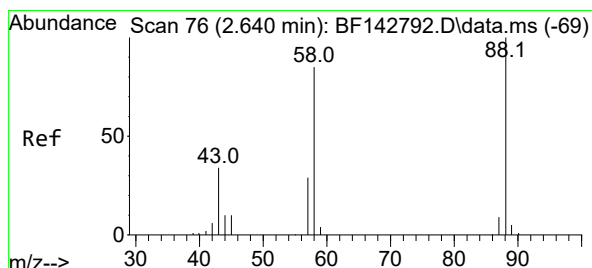
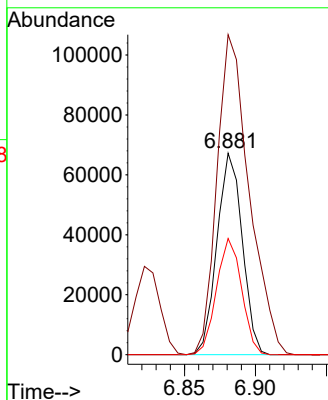
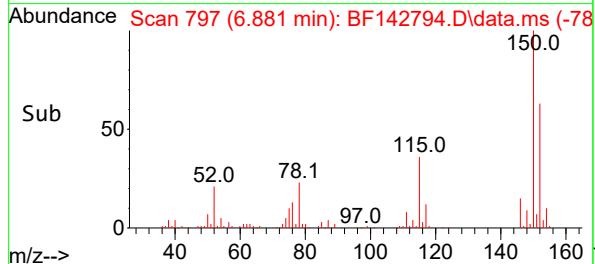
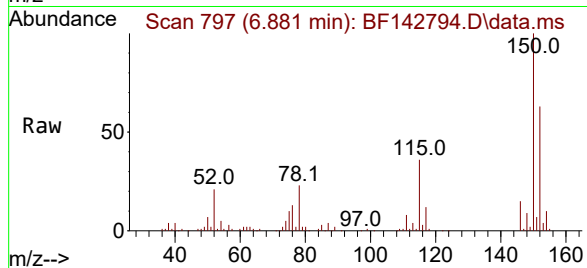
[illegible]



#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

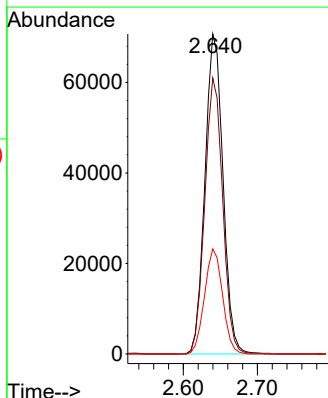
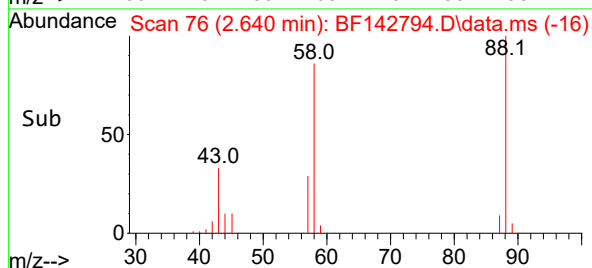
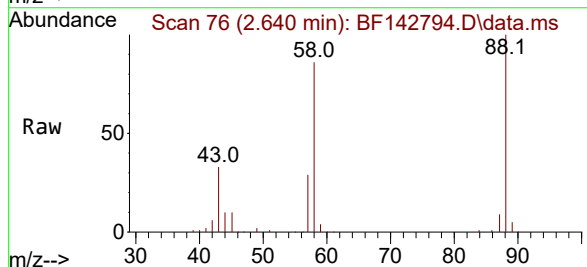
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

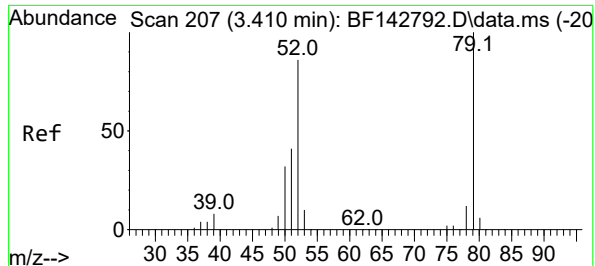
Tgt Ion:152 Resp: 83273
Ion Ratio Lower Upper
152 100
150 158.8 127.2 190.8
115 57.7 46.6 69.8



#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# 20

Delta R.T. 0.000 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

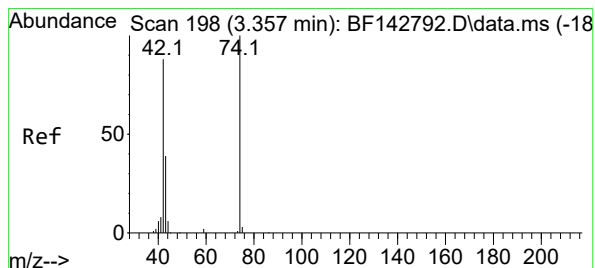
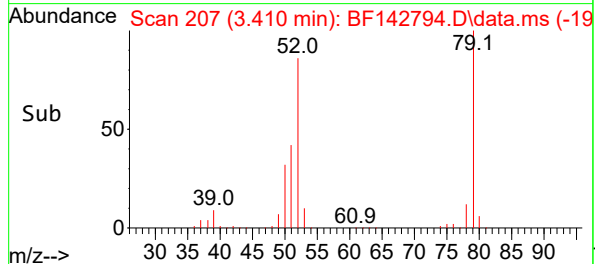
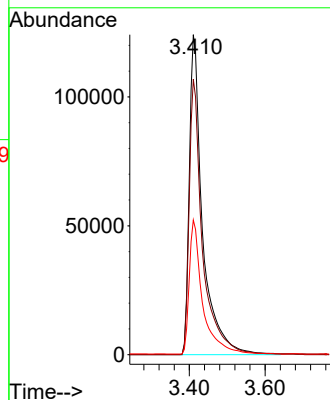
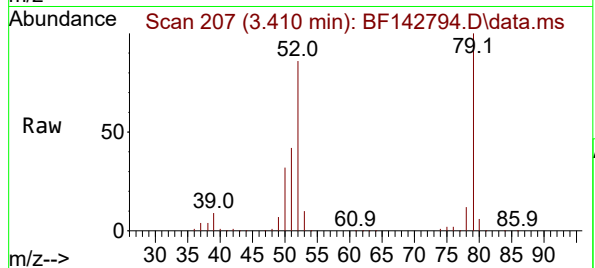
Tgt Ion: 79 Resp: 302137

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

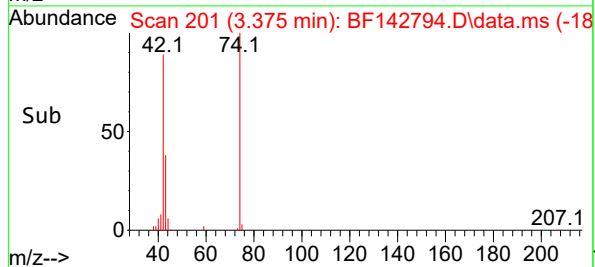
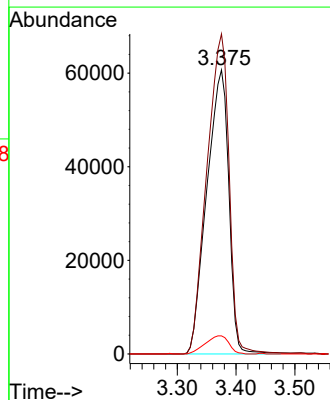
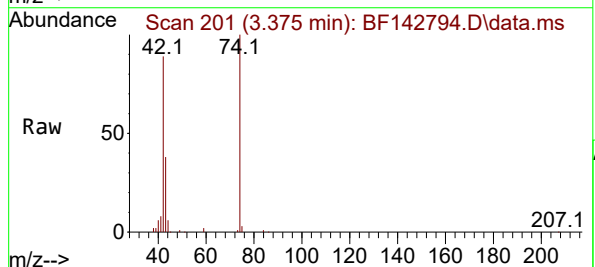
Tgt Ion: 42 Resp: 157914

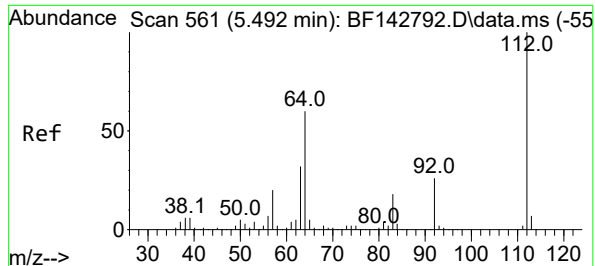
Ion Ratio Lower Upper

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

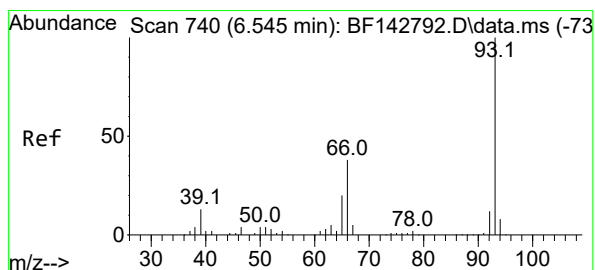
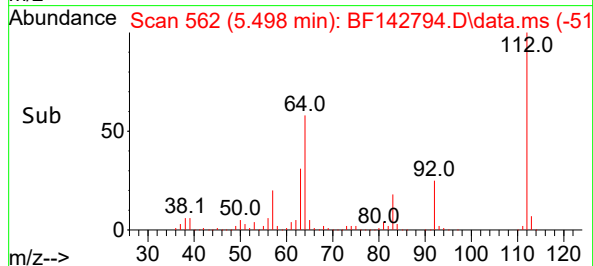
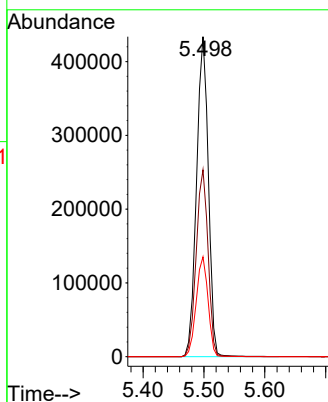
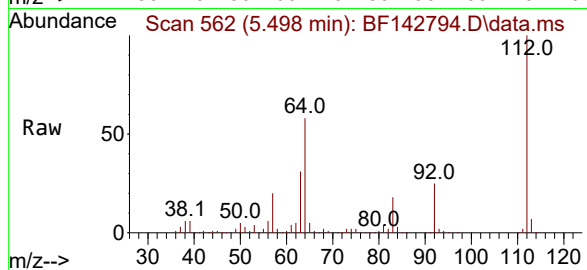
Tgt Ion:112 Resp: 585158

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

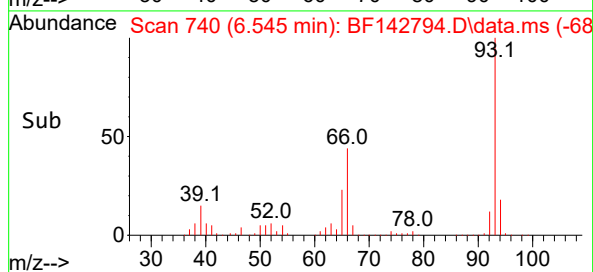
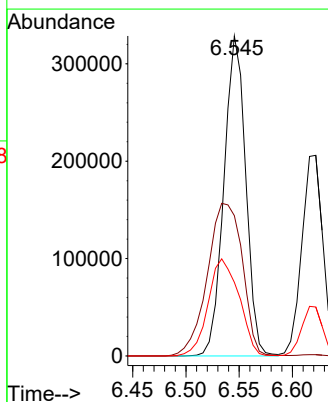
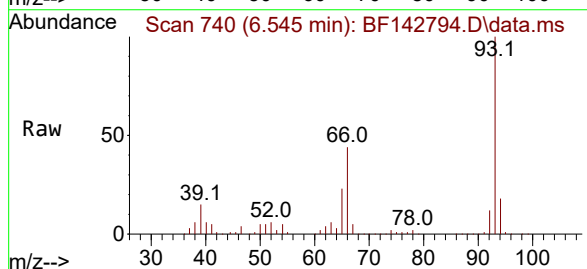
Tgt Ion: 93 Resp: 466855

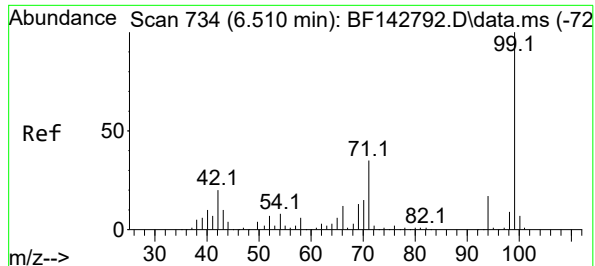
Ion Ratio Lower Upper

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

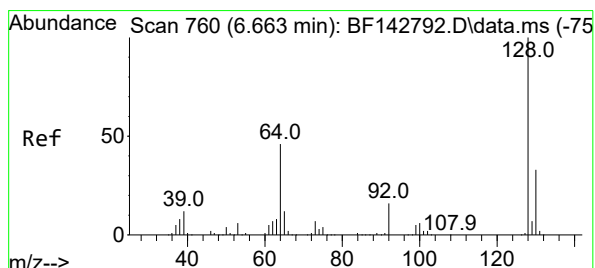
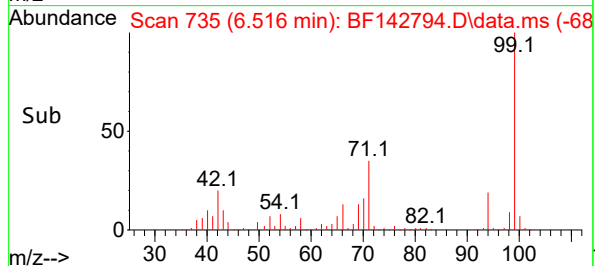
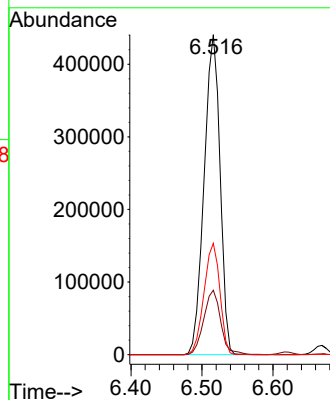
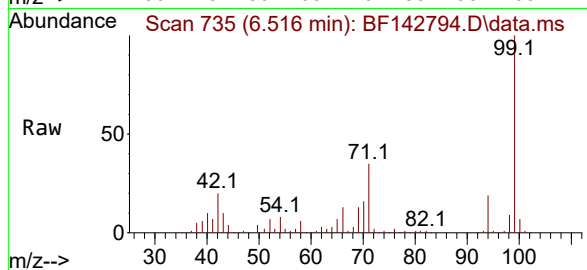
Tgt Ion: 99 Resp: 689436

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

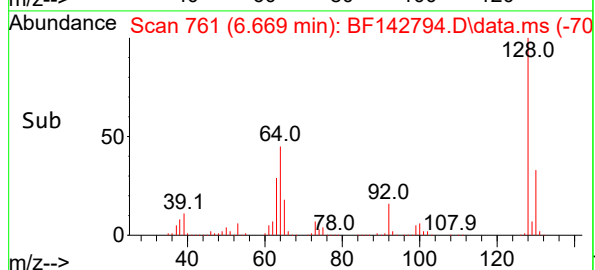
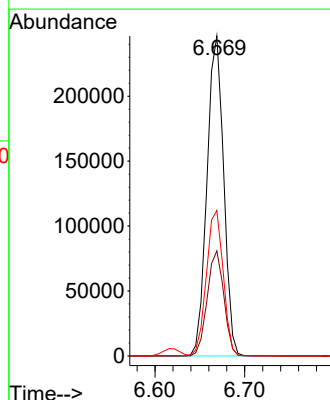
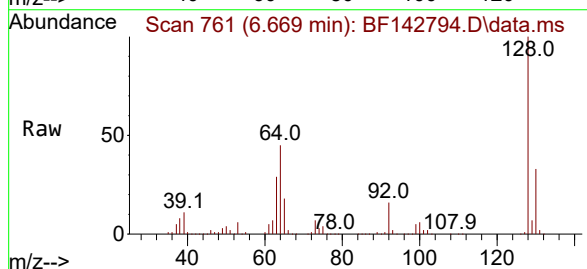
Tgt Ion:128 Resp: 317743

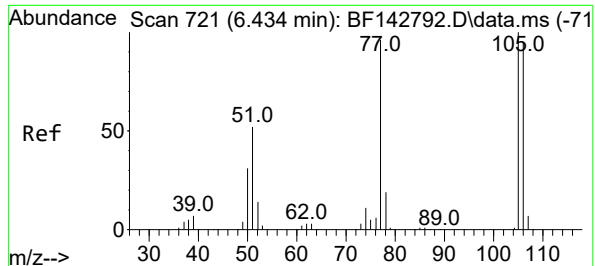
Ion Ratio Lower Upper

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

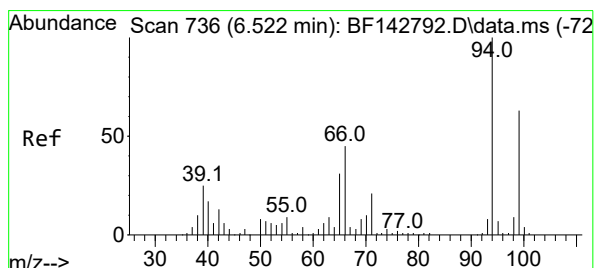
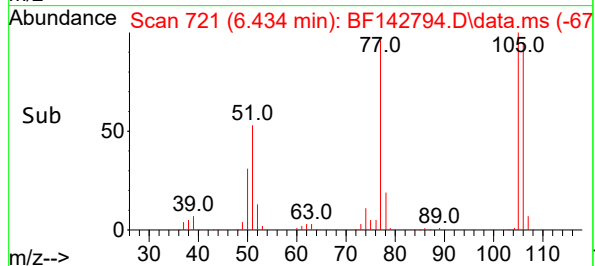
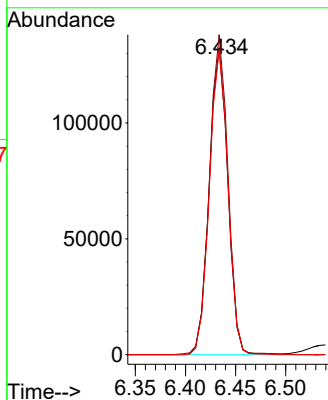
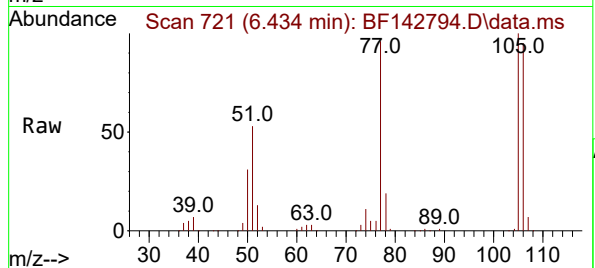
Tgt Ion: 77 Resp: 170843

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

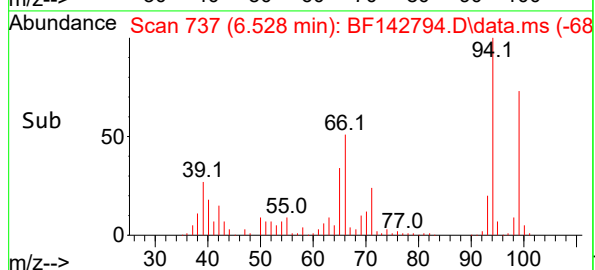
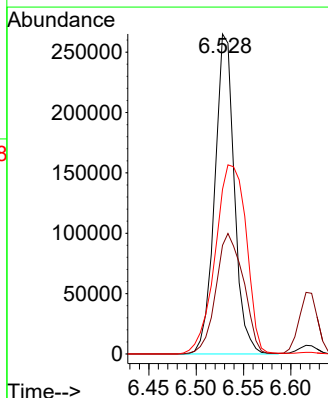
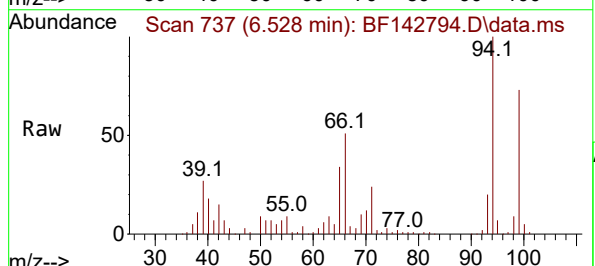
Tgt Ion: 94 Resp: 382126

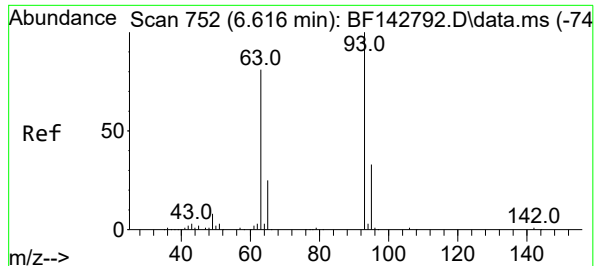
Ion Ratio Lower Upper

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

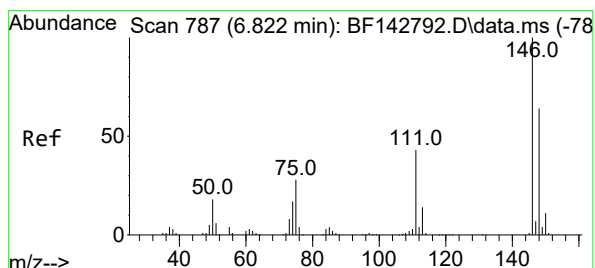
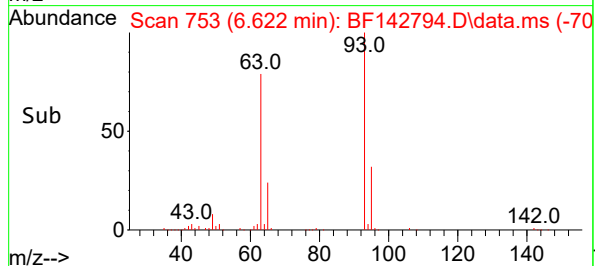
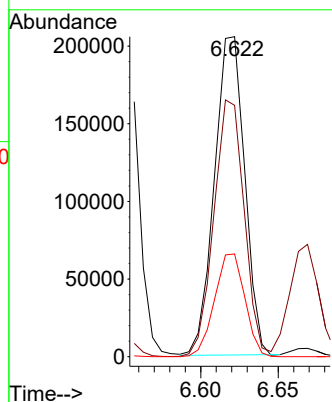
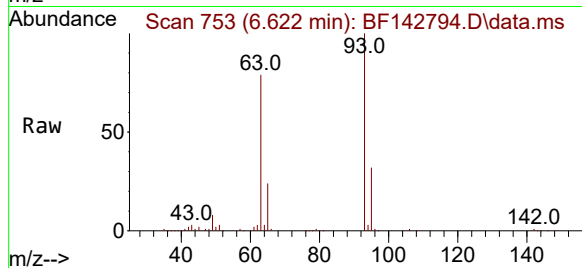
Tgt Ion: 93 Resp: 278869

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

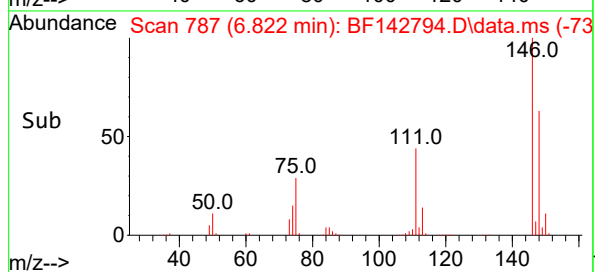
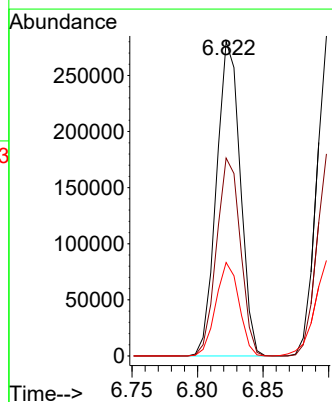
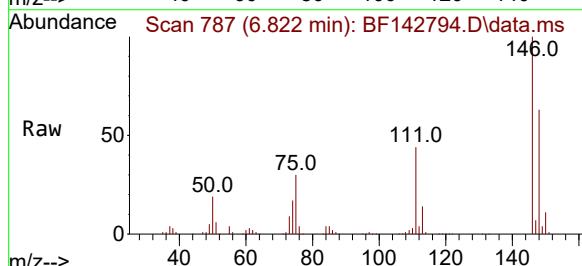
Tgt Ion:146 Resp: 353155

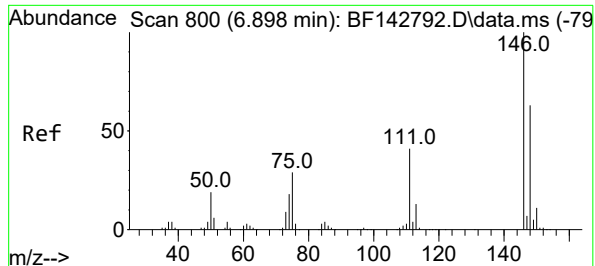
Ion Ratio Lower Upper

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

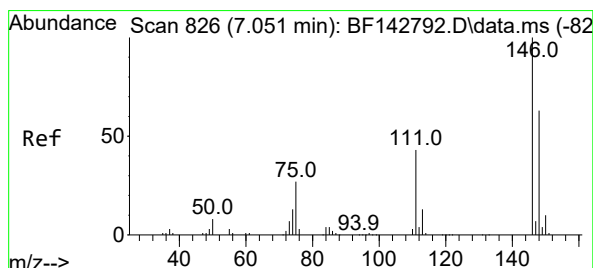
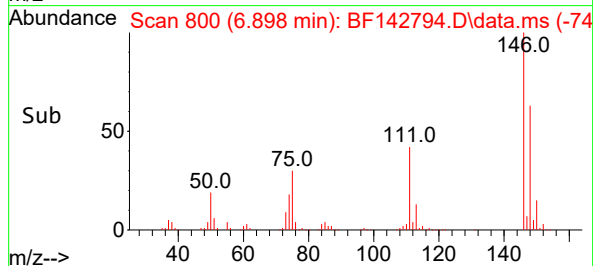
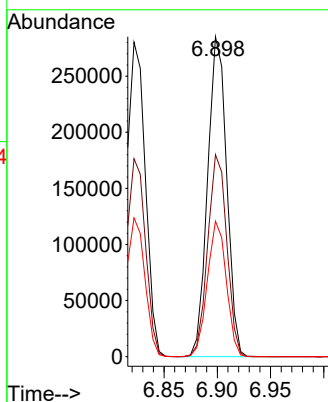
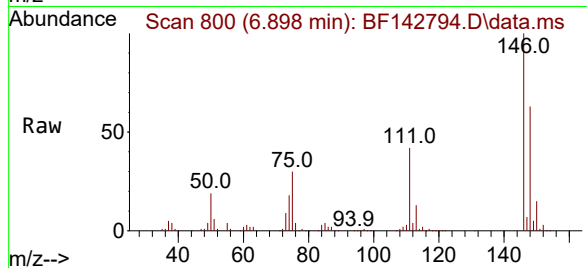
Tgt Ion:146 Resp: 356089

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

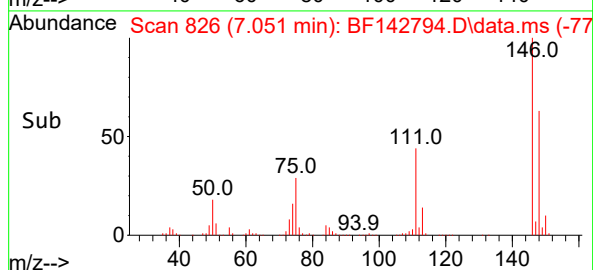
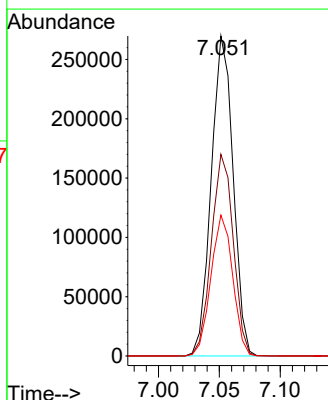
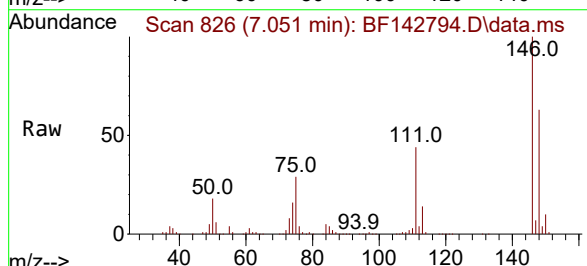
Tgt Ion:146 Resp: 338121

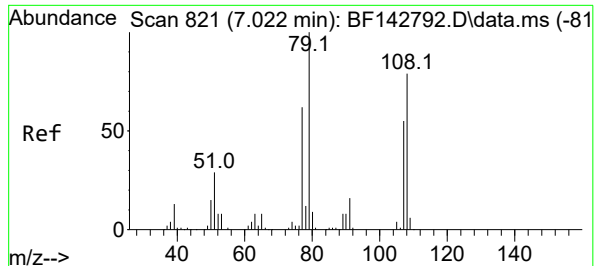
Ion Ratio Lower Upper

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

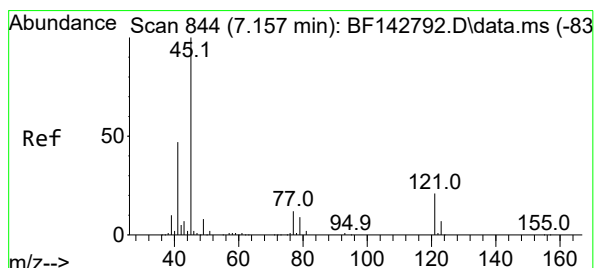
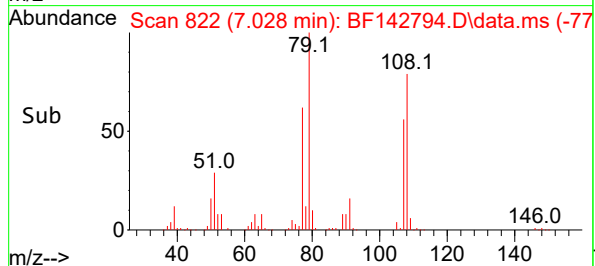
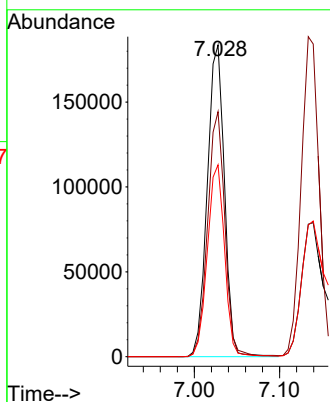
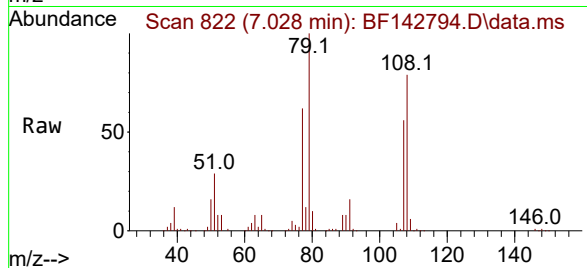
Tgt Ion: 79 Resp: 257749

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

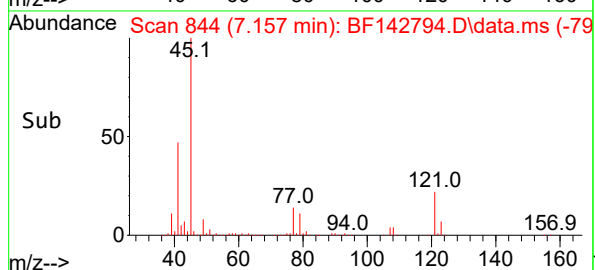
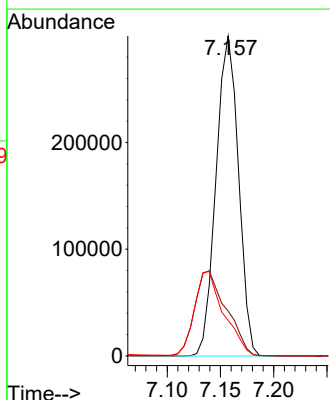
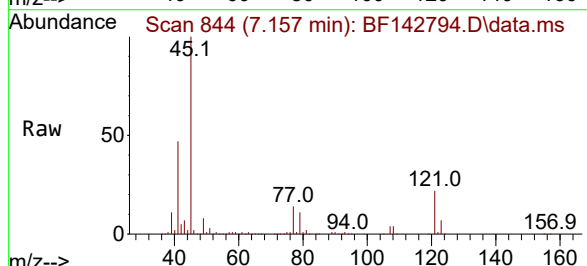
Tgt Ion: 45 Resp: 439082

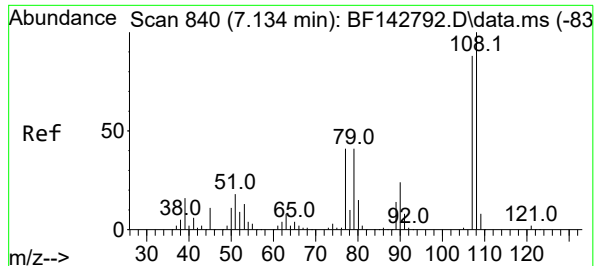
Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.8

79 11.1 0.0 29.8

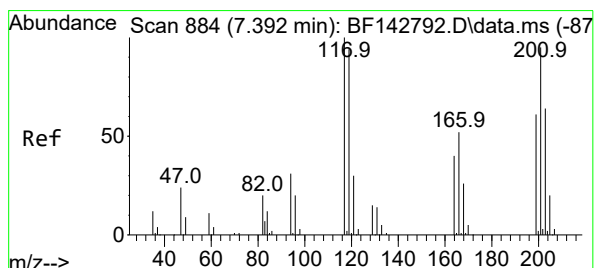
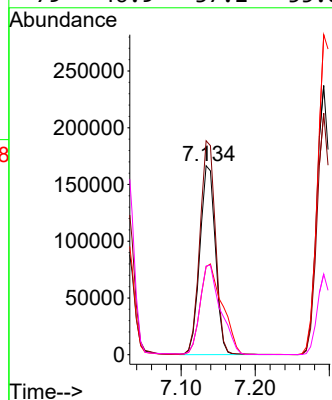
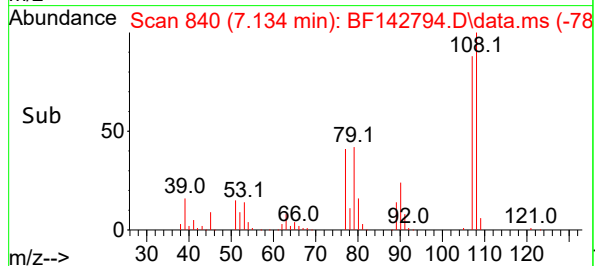
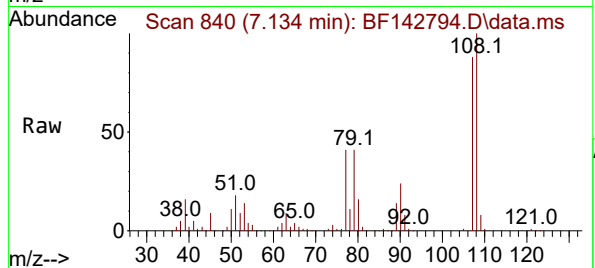




#17
2-Methylphenol
Concen: 59.716 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

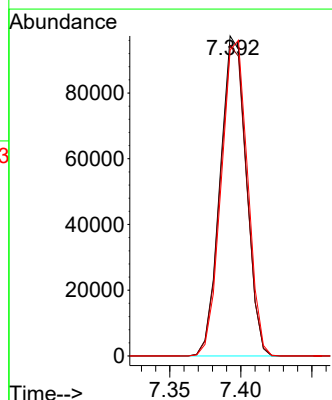
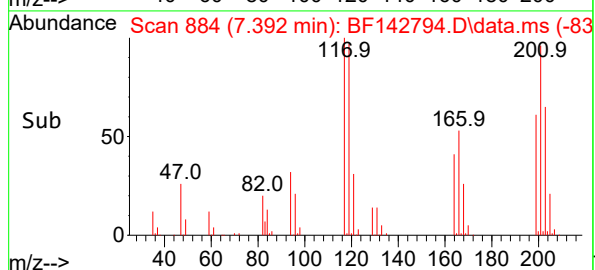
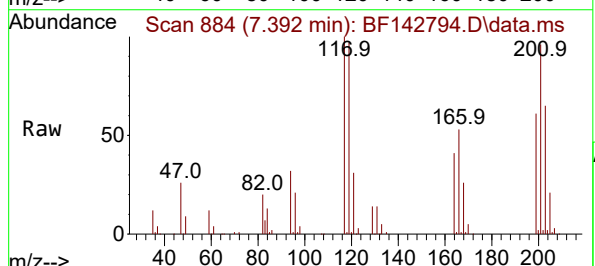
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

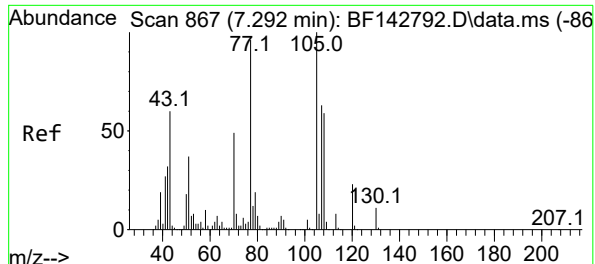
Tgt Ion:107 Resp: 242711
Ion Ratio Lower Upper
107 100
108 113.2 90.9 136.3
77 46.6 37.3 55.9
79 46.9 37.2 55.8



#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

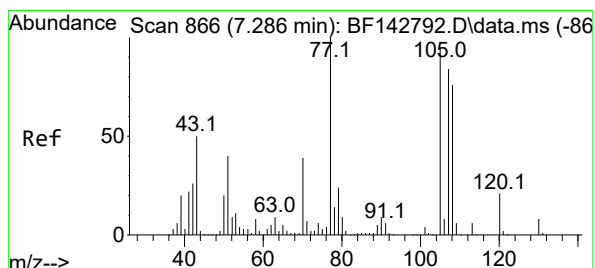
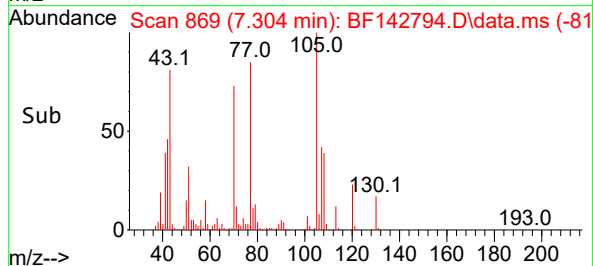
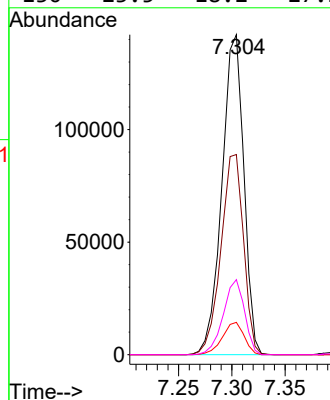
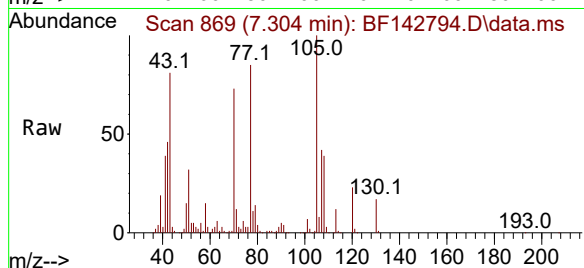
Ion Ratio Lower Upper

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

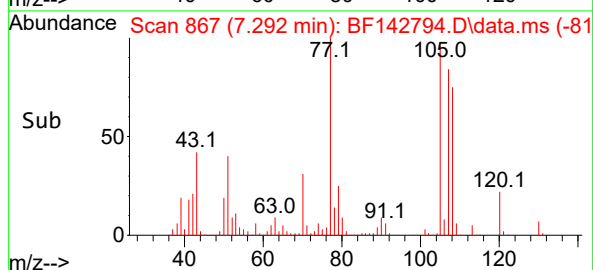
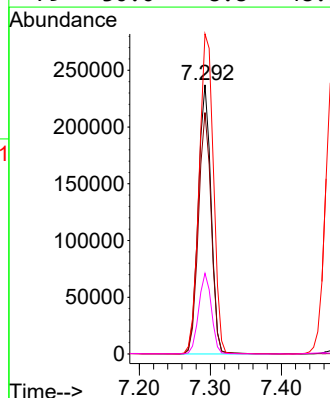
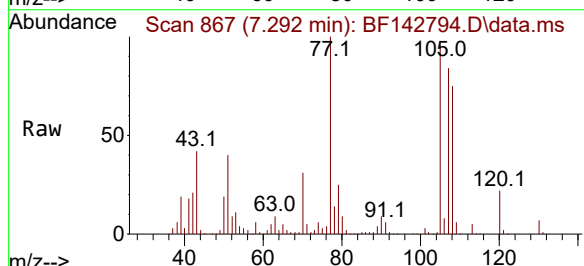
Ion Ratio Lower Upper

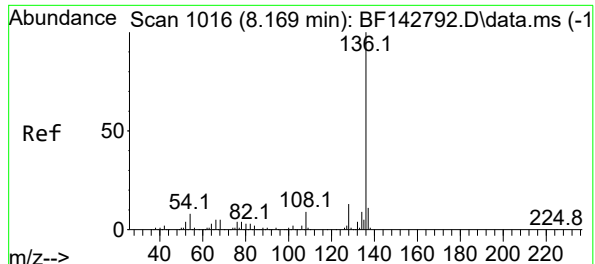
107 100

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

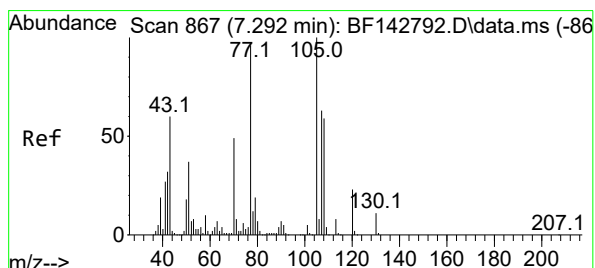
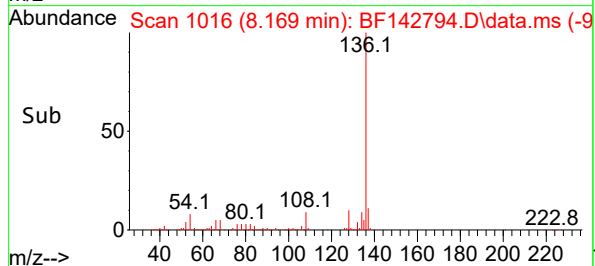
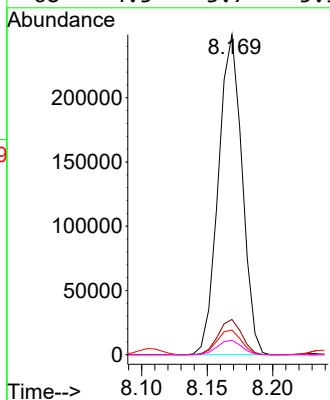
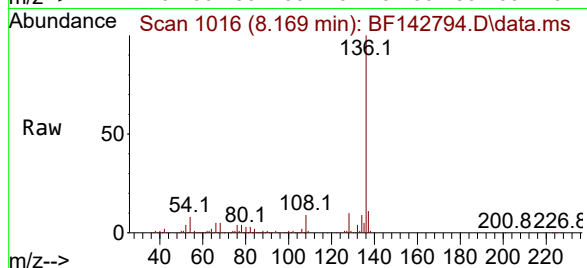
Ion Ratio Lower Upper

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

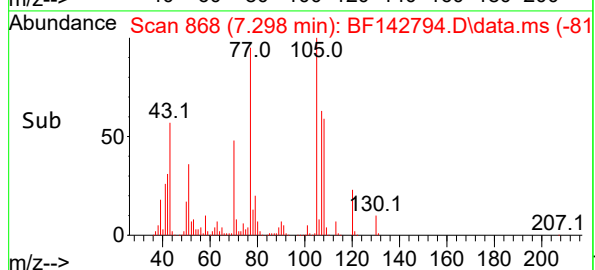
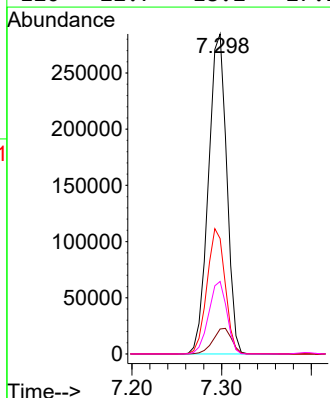
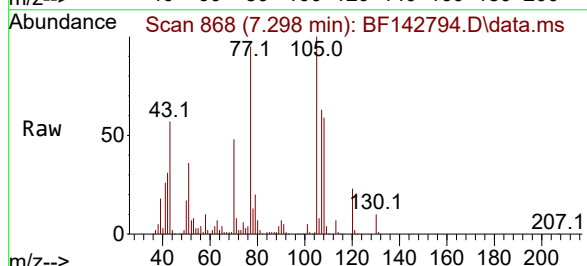
Ion Ratio Lower Upper

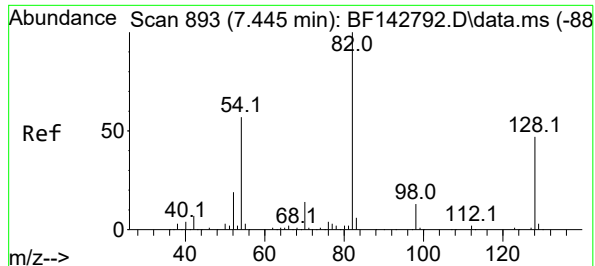
105 100

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

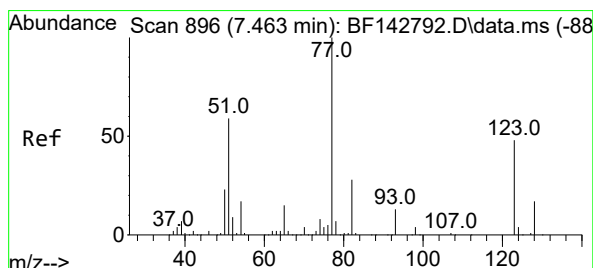
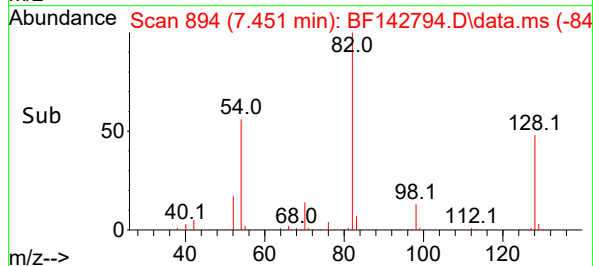
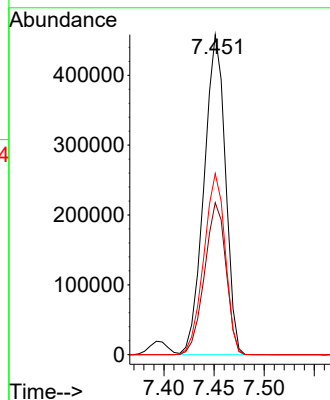
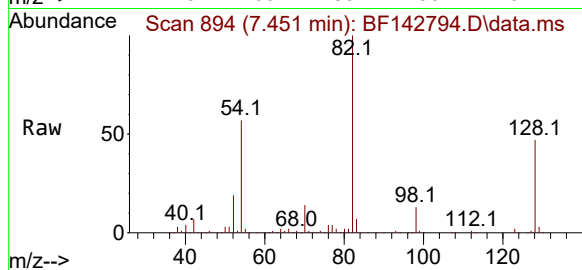
Tgt Ion: 82 Resp: 680402

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

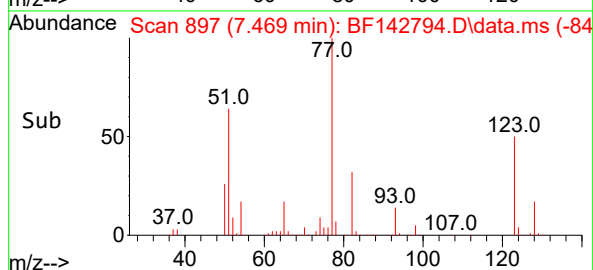
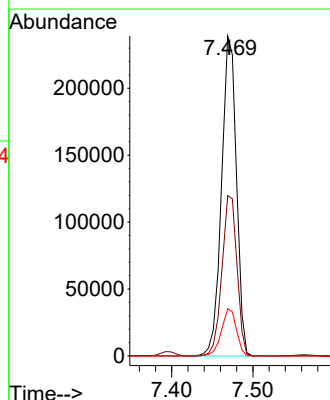
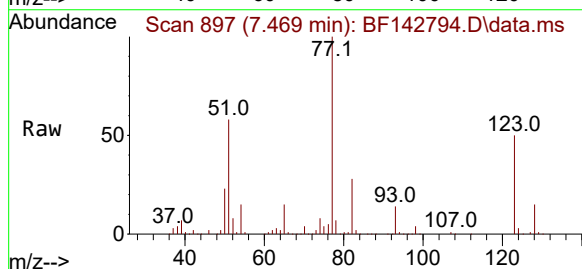
Tgt Ion: 77 Resp: 306032

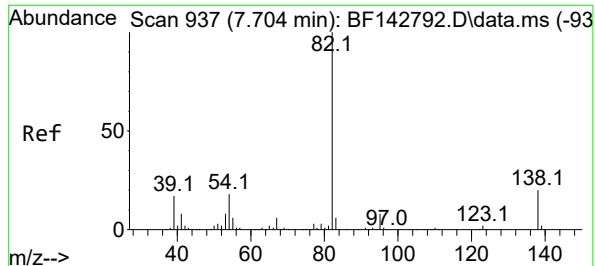
Ion Ratio Lower Upper

77 100

123 50.1 39.2 58.8

65 14.7 11.6 17.4

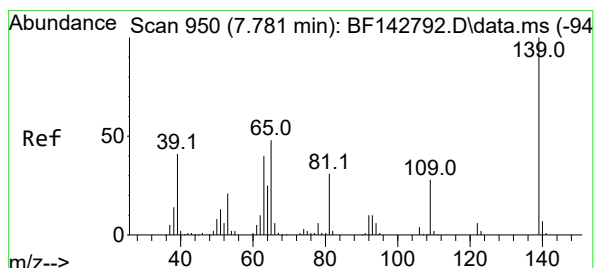
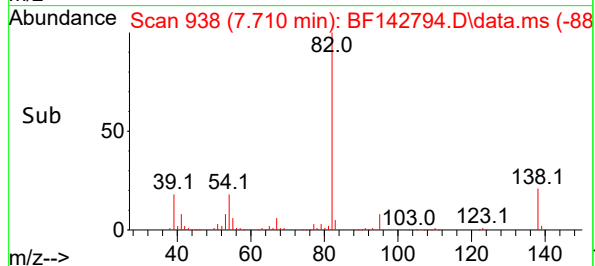
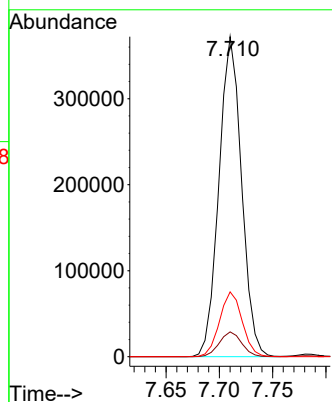
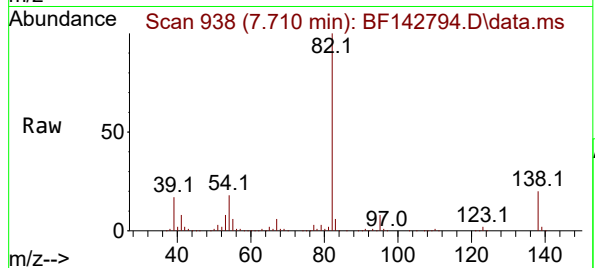




#25
Isophorone
Concen: 57.216 ng
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

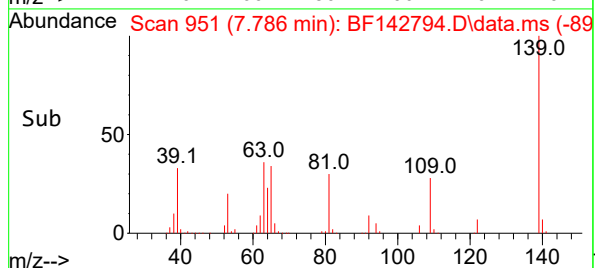
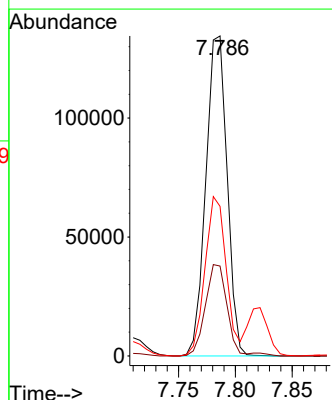
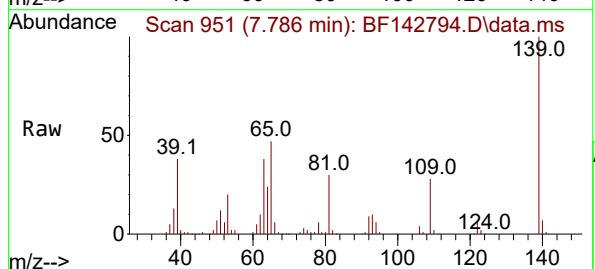
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

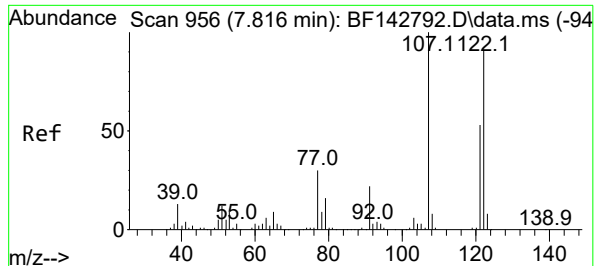
Tgt Ion: 82 Resp: 548612
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.3 16.2 24.4



#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

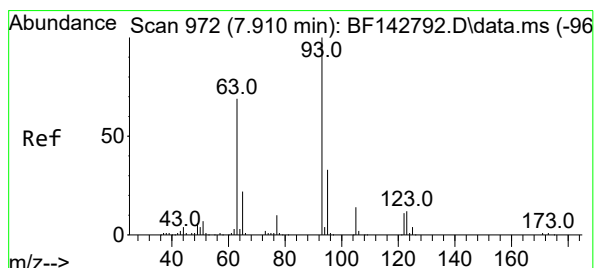
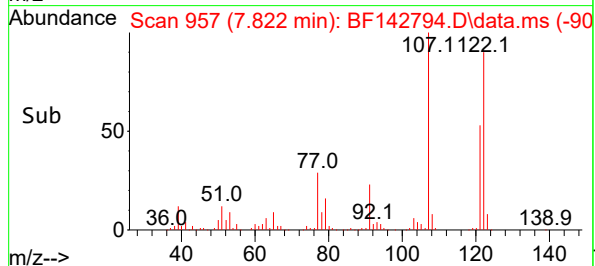
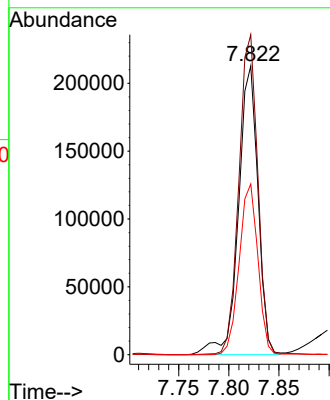
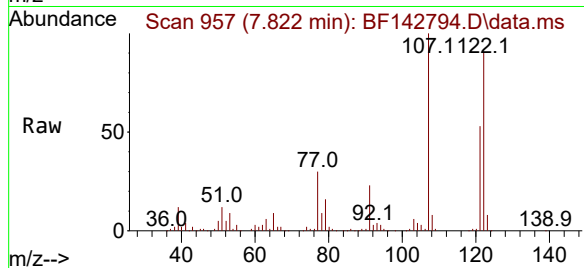
Tgt Ion:122 Resp: 288532

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

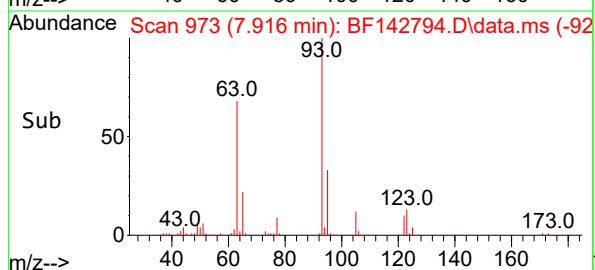
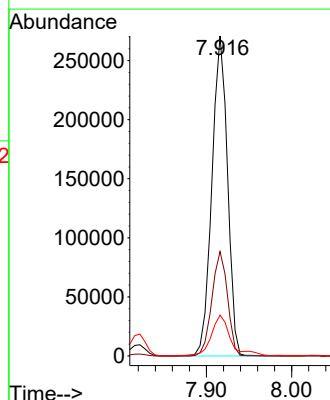
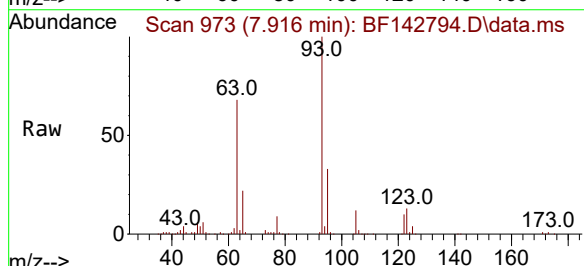
Tgt Ion: 93 Resp: 343925

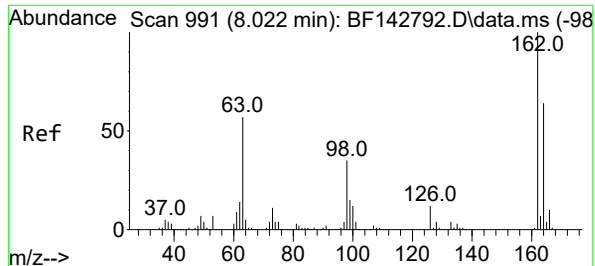
Ion Ratio Lower Upper

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

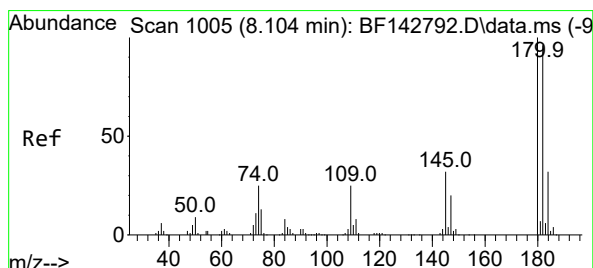
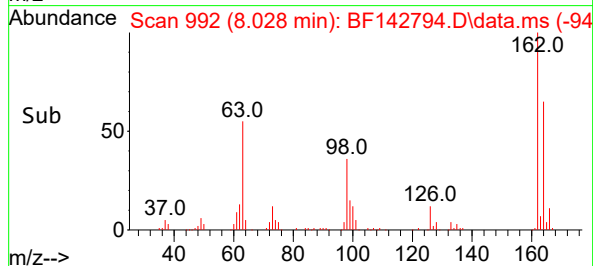
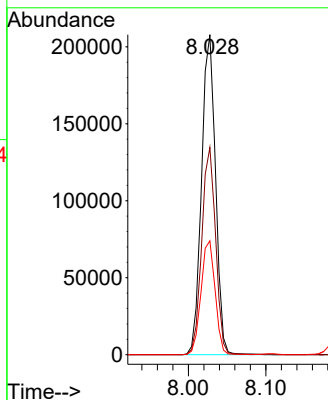
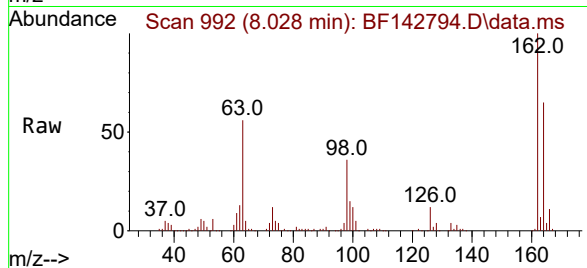
Tgt Ion:162 Resp: 260228

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

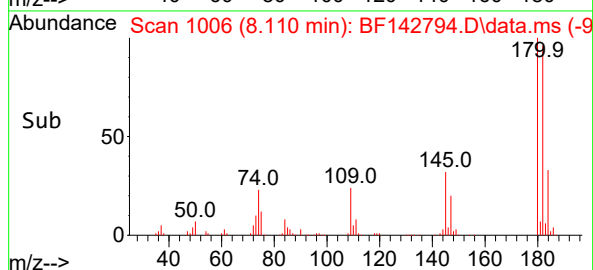
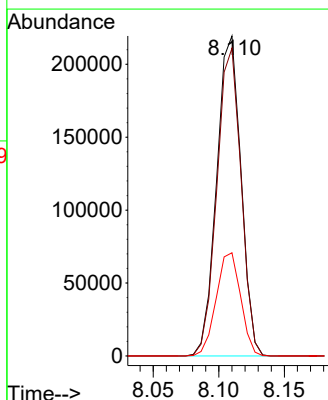
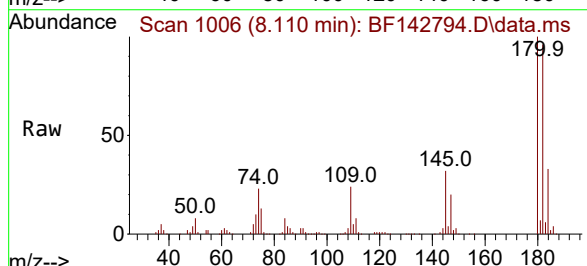
Tgt Ion:180 Resp: 282721

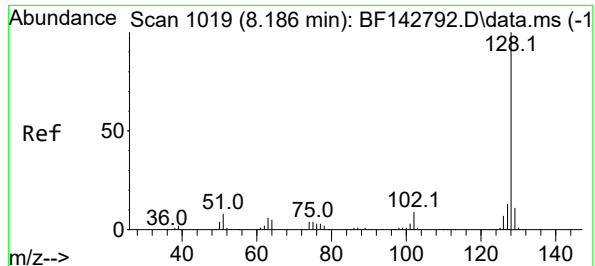
Ion Ratio Lower Upper

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# 1019

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

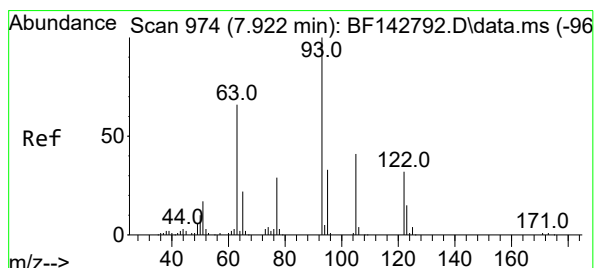
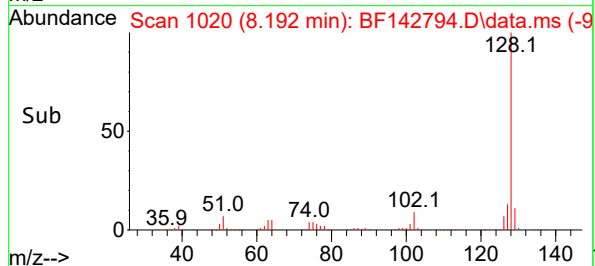
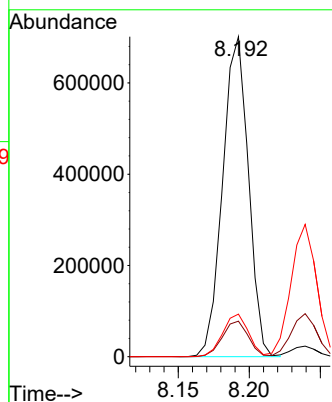
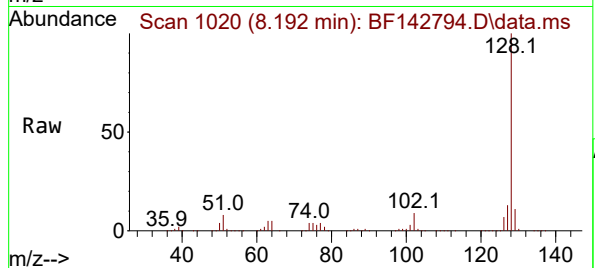
Tgt Ion:128 Resp: 886614

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

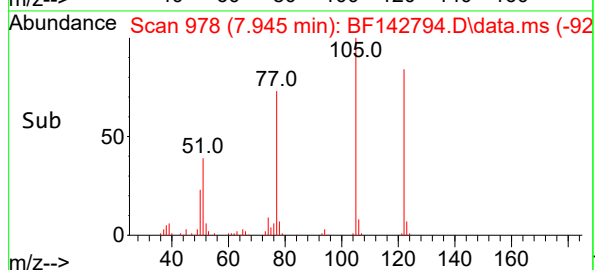
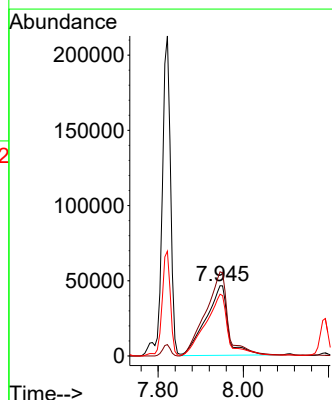
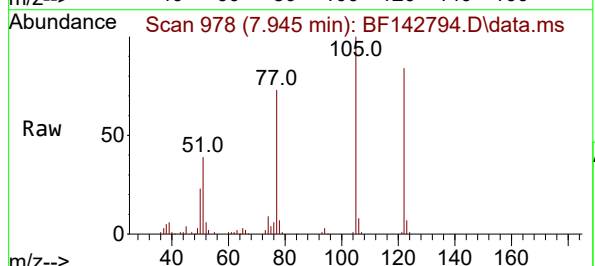
Tgt Ion:122 Resp: 169471

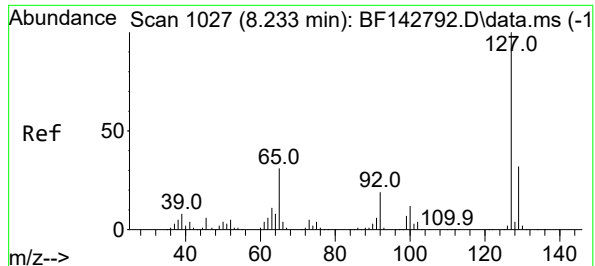
Ion Ratio Lower Upper

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# 1028

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

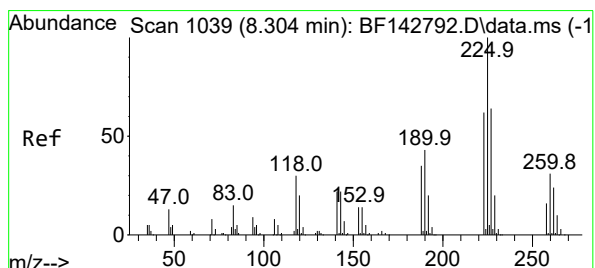
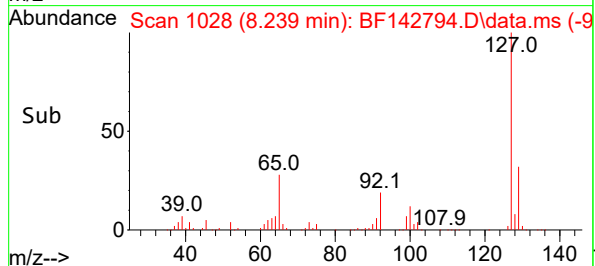
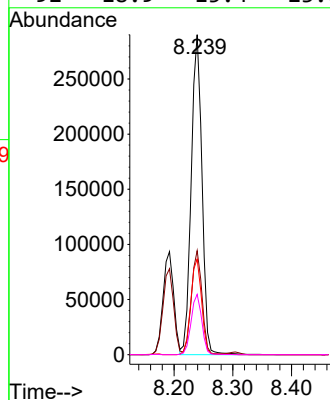
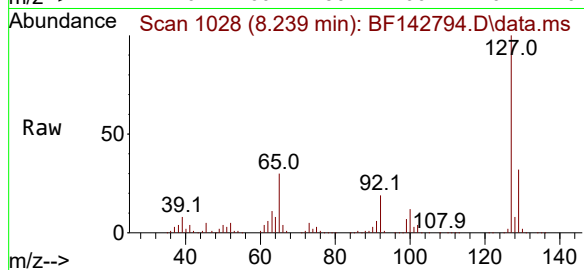
Ion Ratio Lower Upper

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

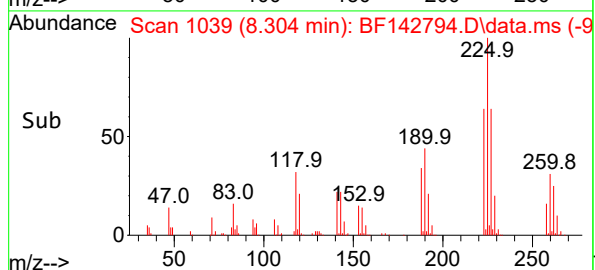
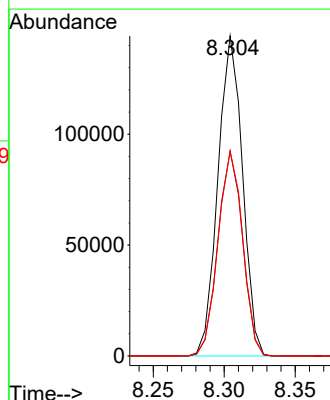
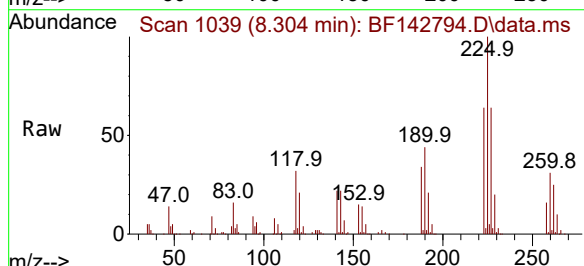
Tgt Ion:225 Resp: 173425

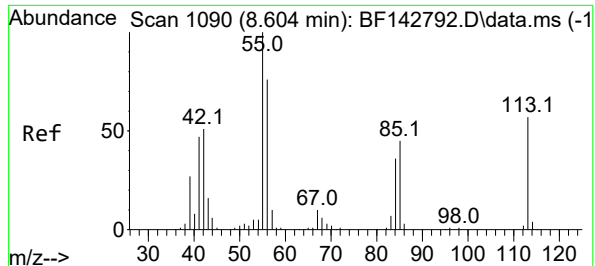
Ion Ratio Lower Upper

225 100

223 64.0 49.9 74.9

227 64.0 51.4 77.0

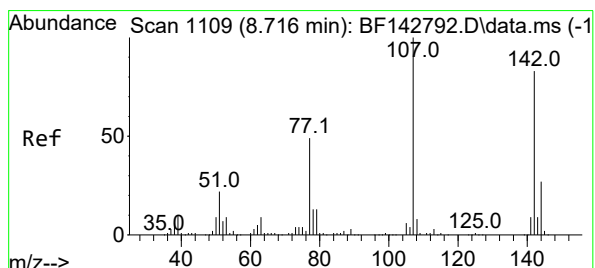
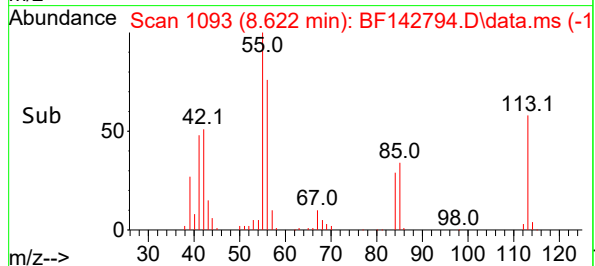
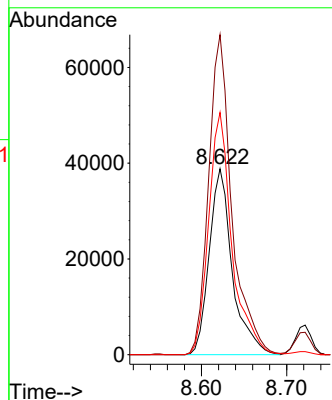
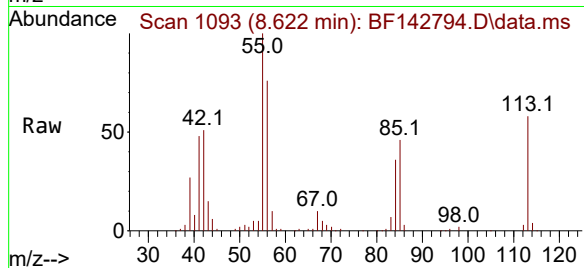




#35
 Caprolactam
 Concen: 61.157 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. 0.018 min
 Lab File: BF142794.D
 Acq: 19 Jun 2025 20:10

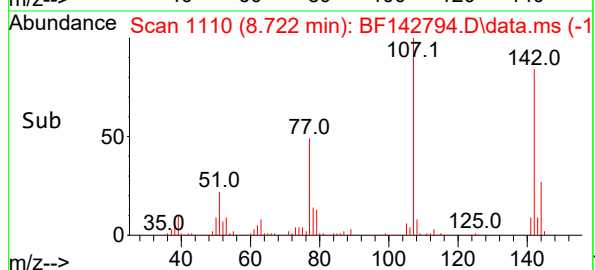
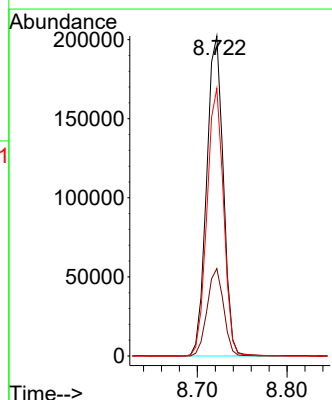
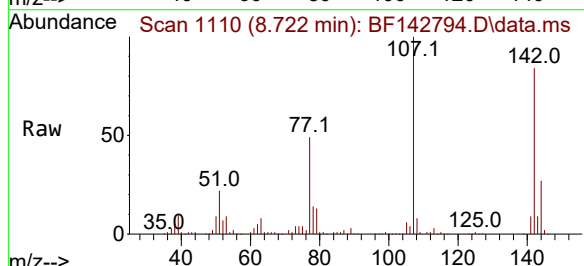
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

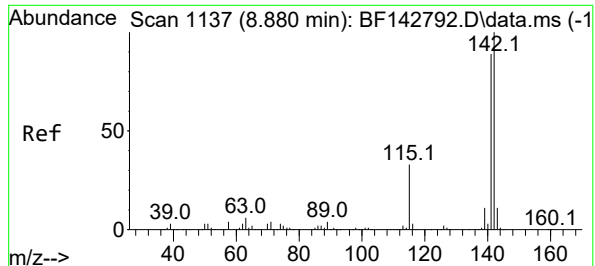
Tgt Ion:113 Resp: 73108
 Ion Ratio Lower Upper
 113 100
 55 172.2 154.4 194.4
 56 130.3 112.1 152.1



#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

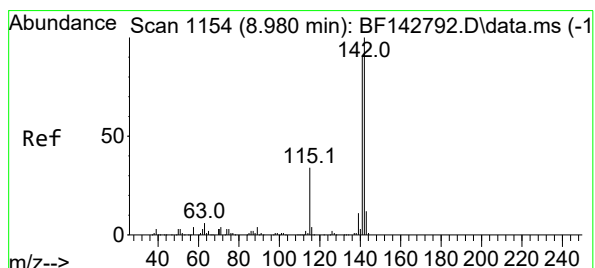
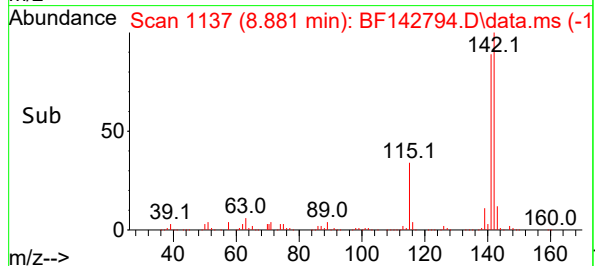
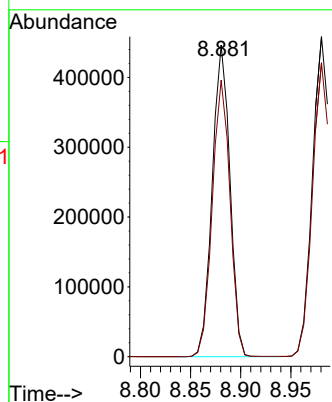
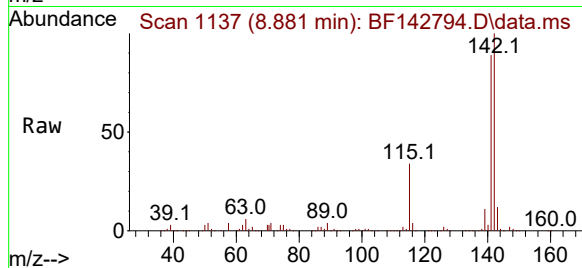




#37
2-Methylnaphthalene
Concen: 56.406 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

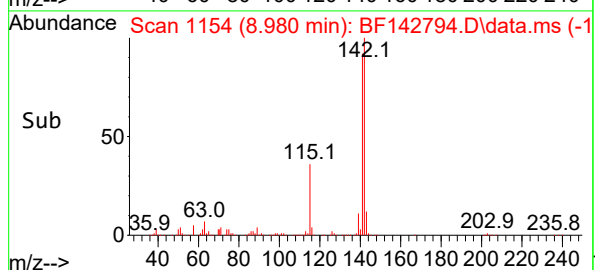
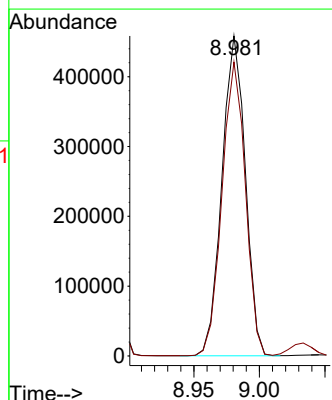
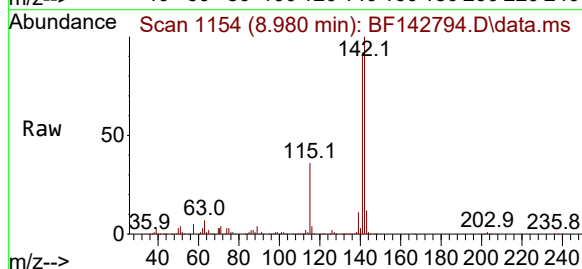
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

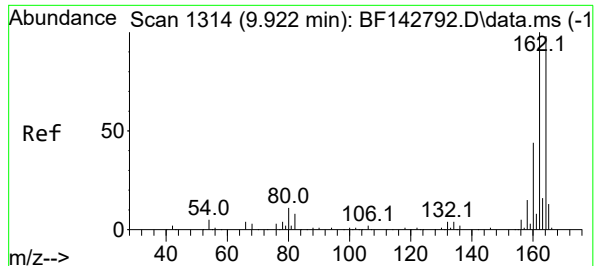
Tgt Ion:142 Resp: 548439
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#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

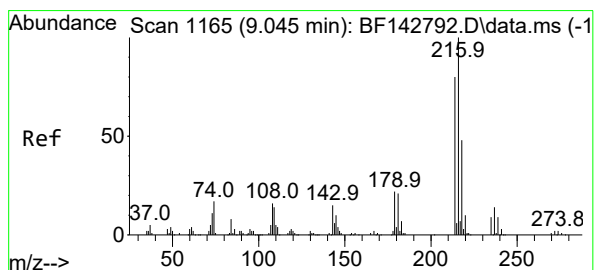
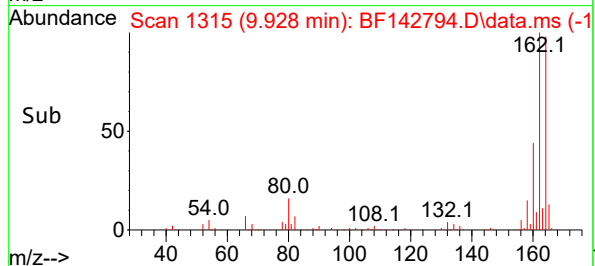
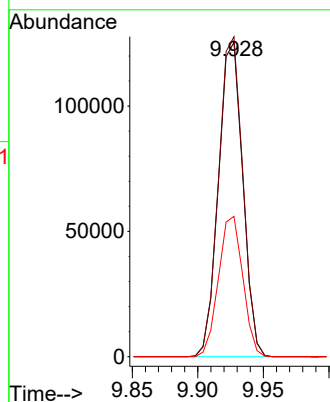
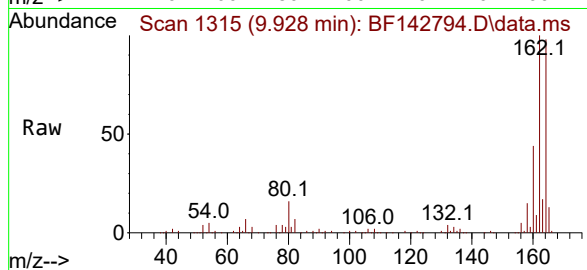
Tgt Ion:164 Resp: 161044

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

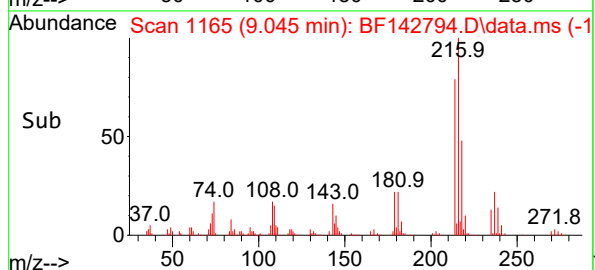
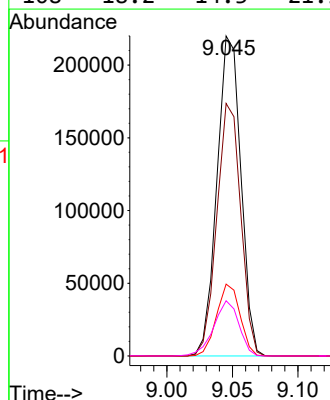
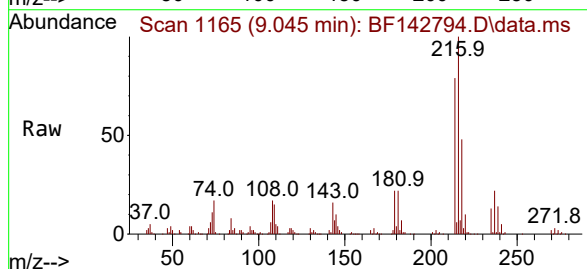
Ion Ratio Lower Upper

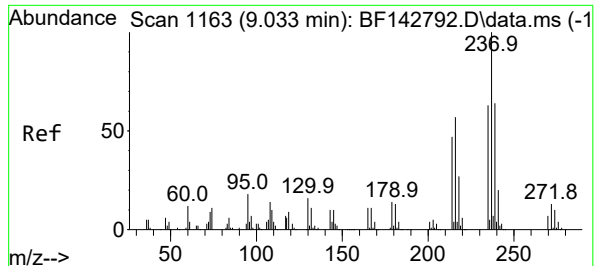
216 100

214 78.8 63.7 95.5

179 22.1 17.6 26.4

108 18.2 14.3 21.5

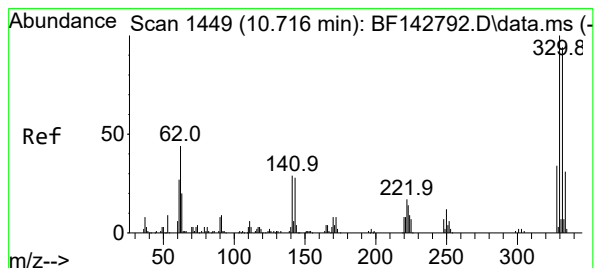
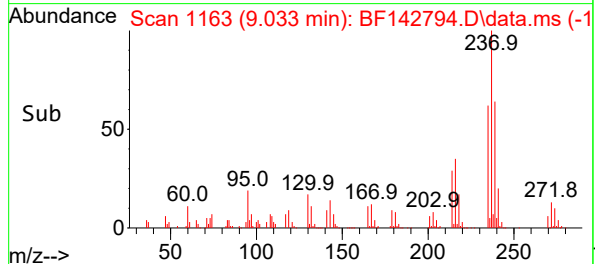
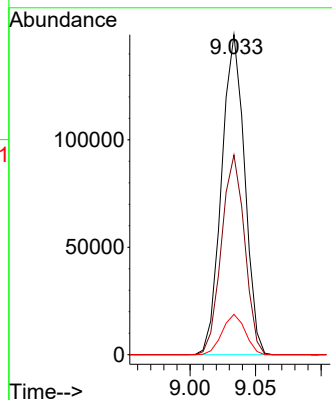
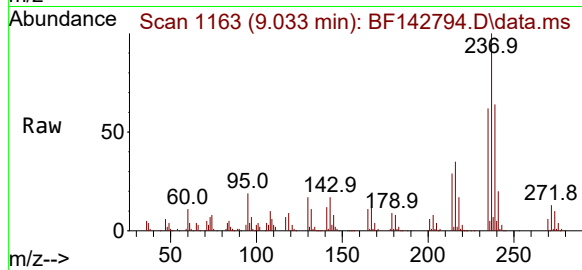




#41
Hexachlorocyclopentadiene
Concen: 61.835 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

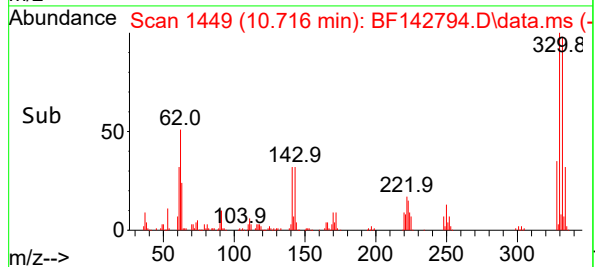
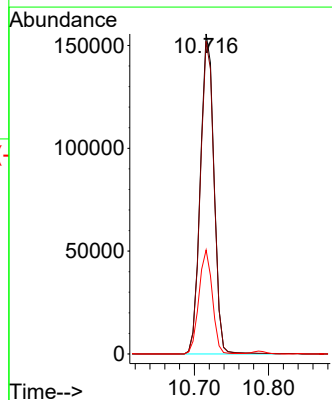
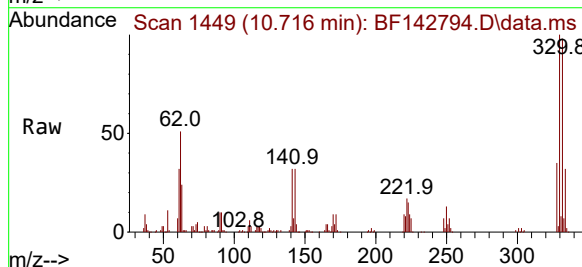
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

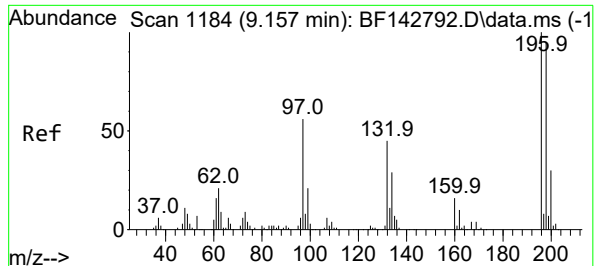
Tgt Ion:237 Resp: 181771
Ion Ratio Lower Upper
237 100
235 62.4 43.4 83.4
272 12.6 0.0 32.7



#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

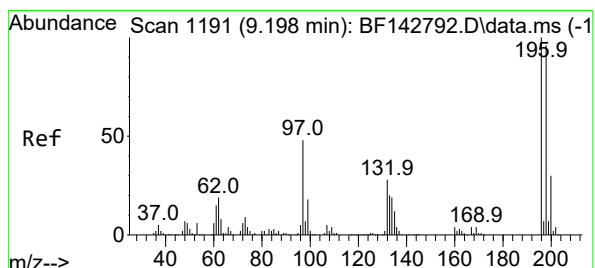
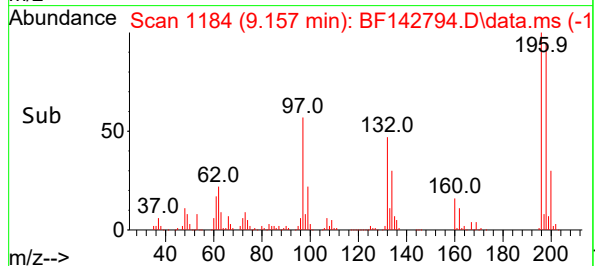
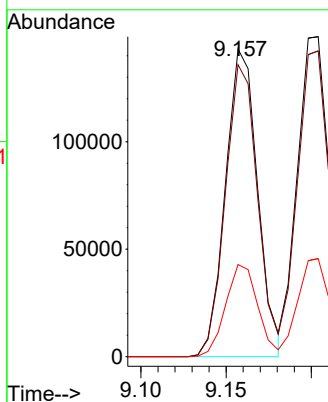
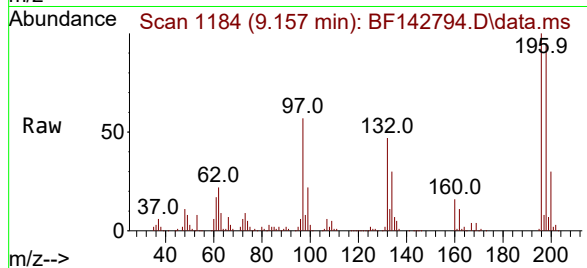
Tgt Ion:196 Resp: 187708

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

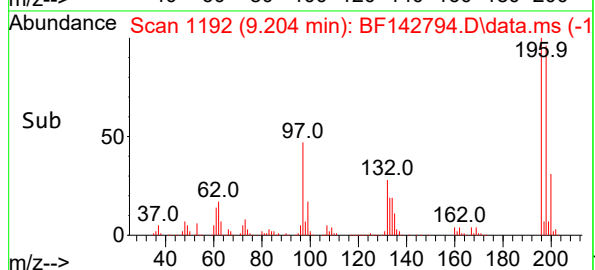
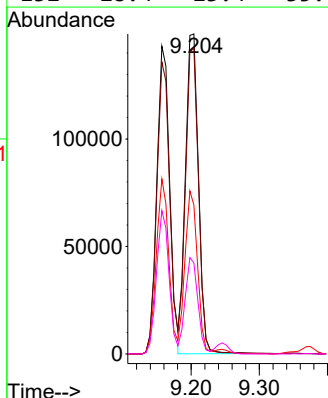
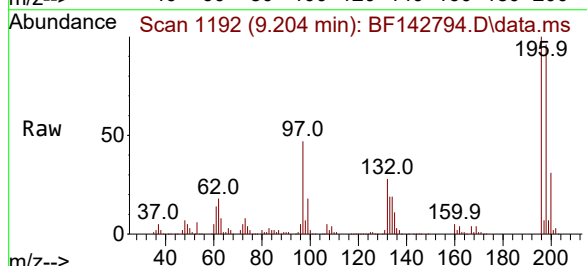
Ion Ratio Lower Upper

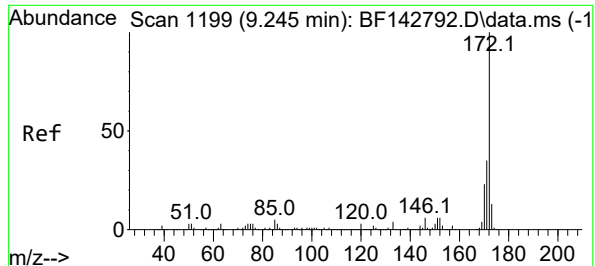
196 100

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

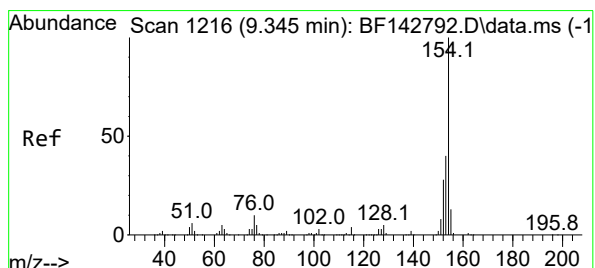
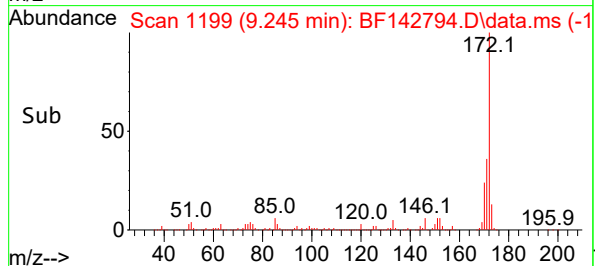
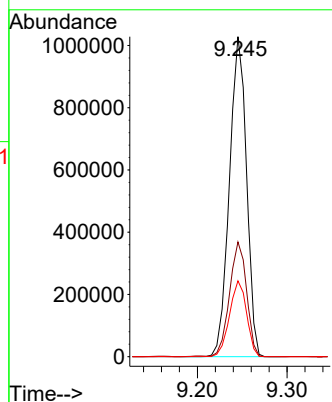
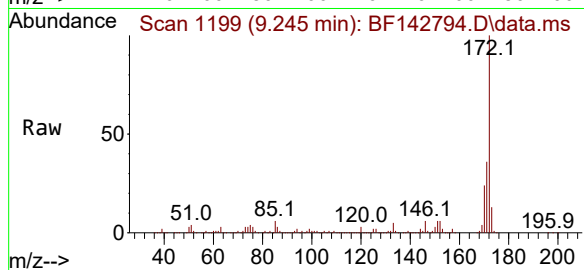
Tgt Ion:172 Resp: 1360586

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

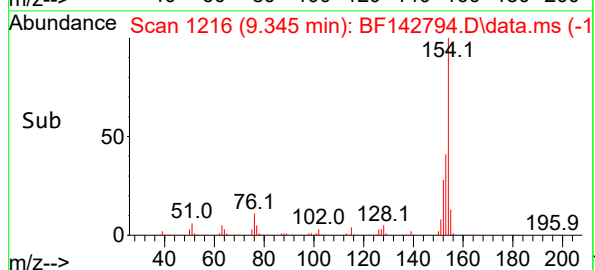
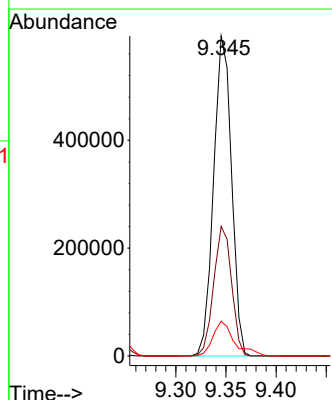
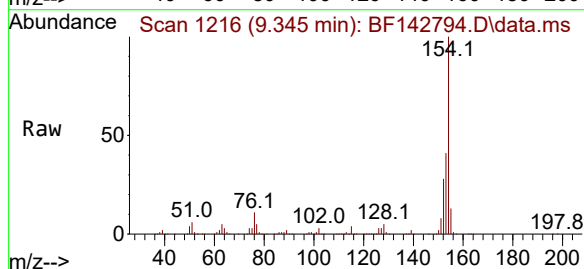
Tgt Ion:154 Resp: 736970

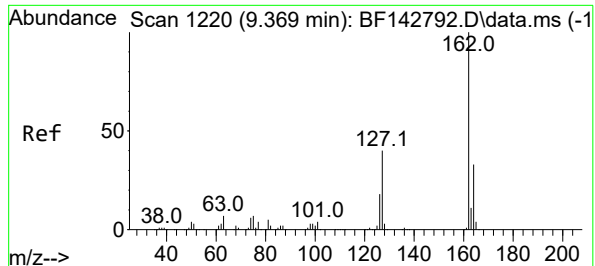
Ion Ratio Lower Upper

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

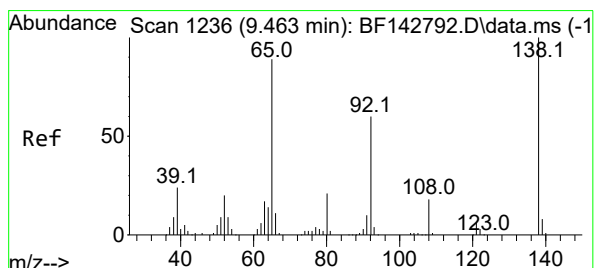
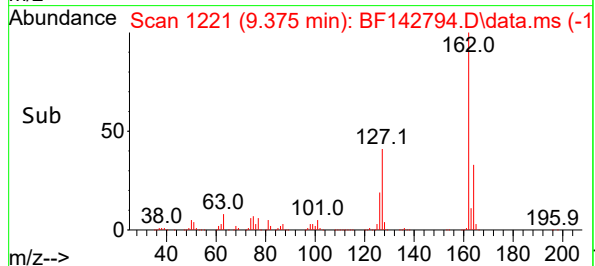
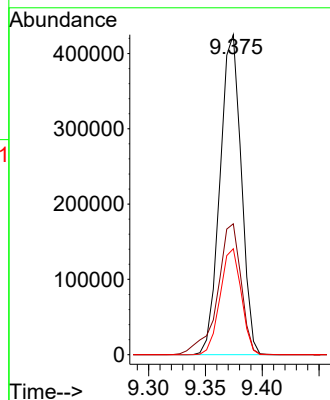
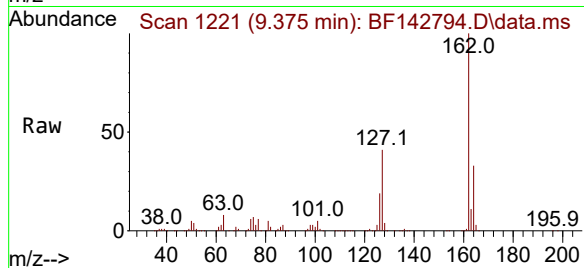
Tgt Ion:162 Resp: 553304

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

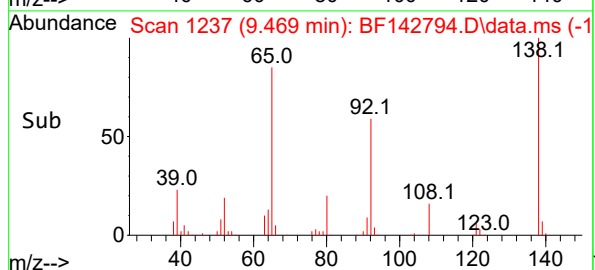
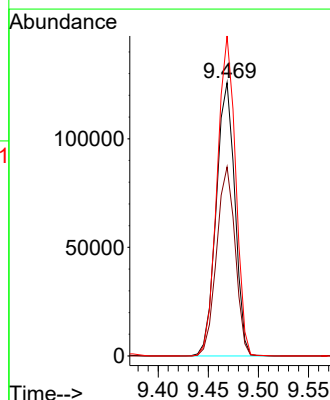
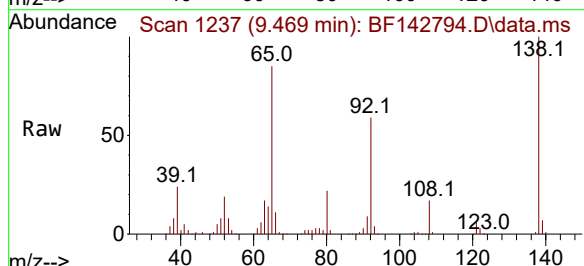
Tgt Ion: 65 Resp: 162701

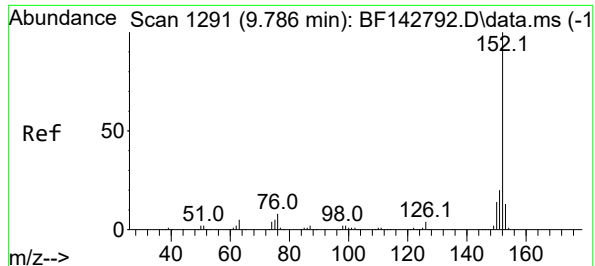
Ion Ratio Lower Upper

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

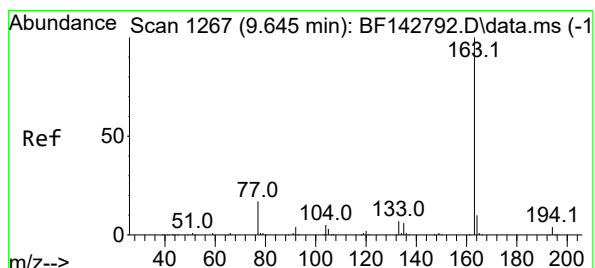
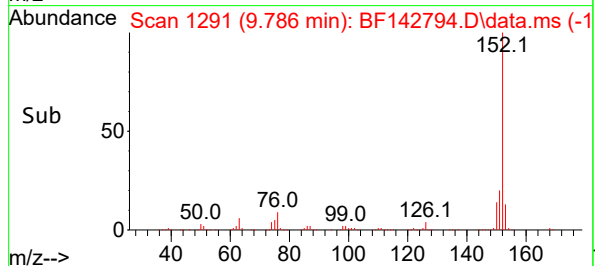
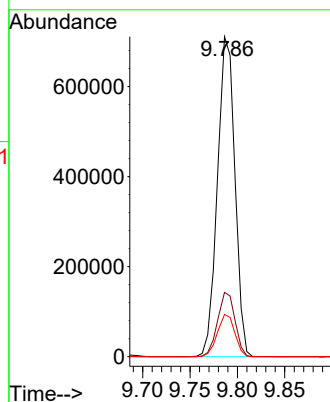
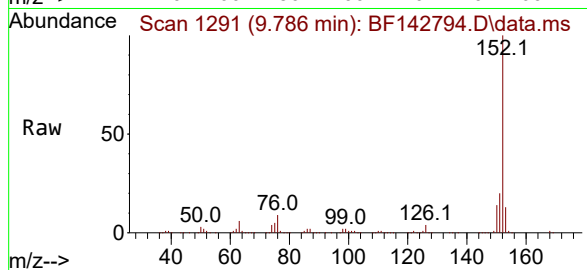
Tgt Ion:152 Resp: 913540

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

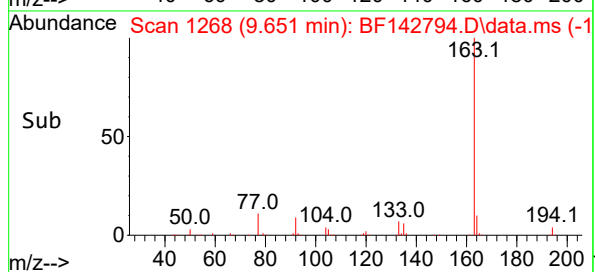
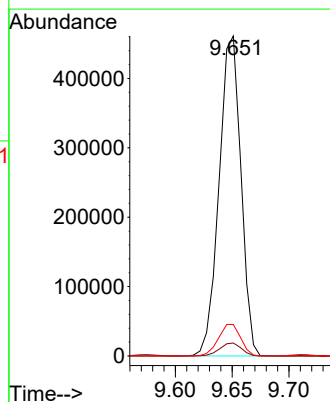
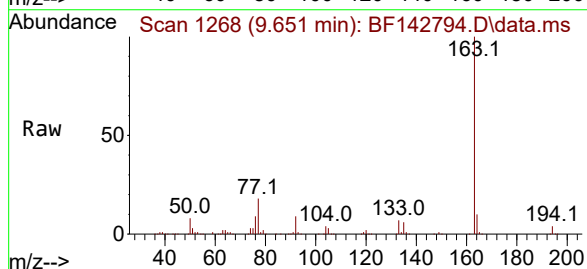
Tgt Ion:163 Resp: 617097

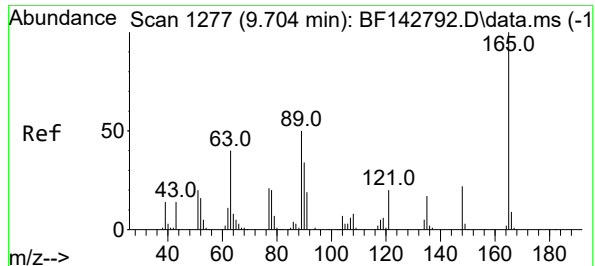
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.9 8.0 12.0

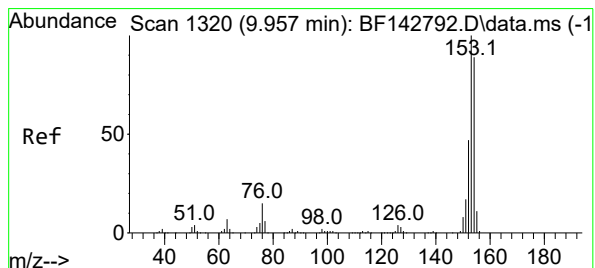
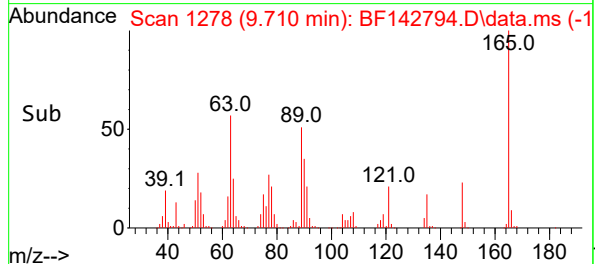
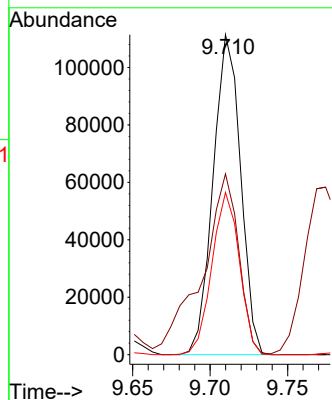
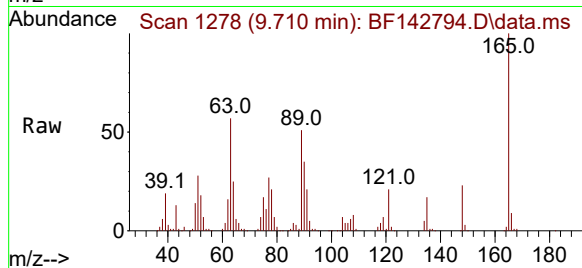




#51
2,6-Dinitrotoluene
Concen: 59.299 ng
RT: 9.710 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

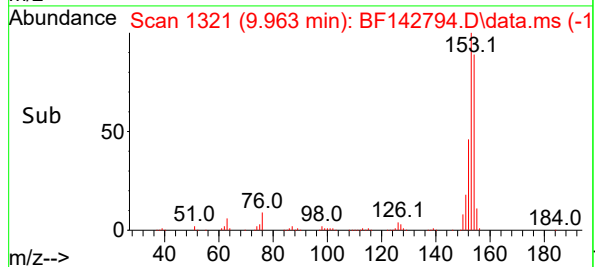
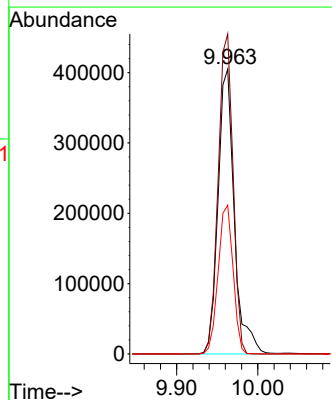
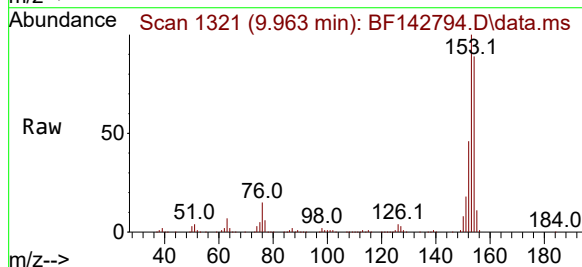
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

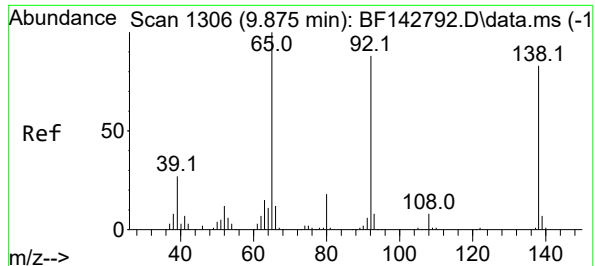
Tgt Ion:165 Resp: 137318
Ion Ratio Lower Upper
165 100
63 56.5 44.2 66.4
89 50.7 39.8 59.8



#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

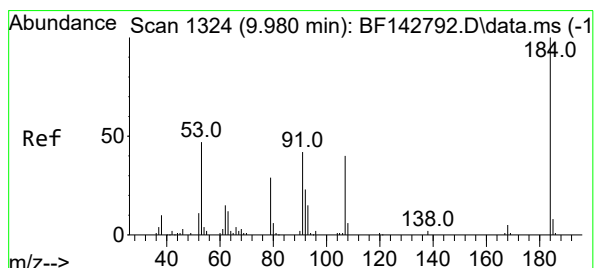
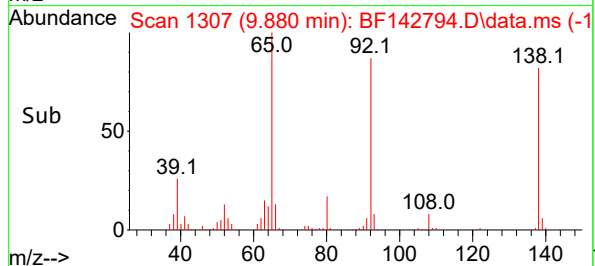
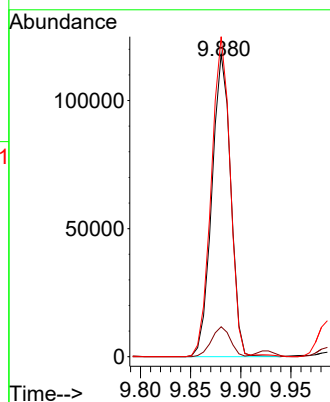
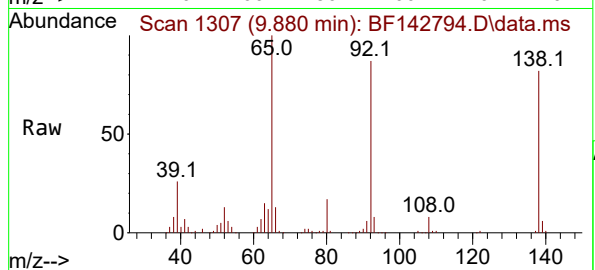
Tgt Ion:138 Resp: 154402

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

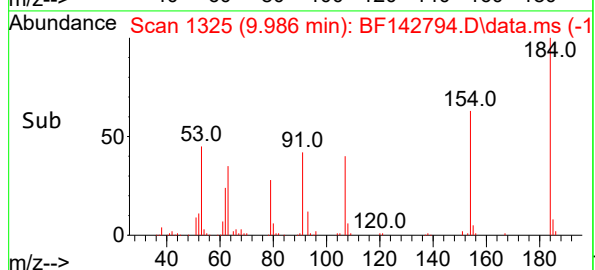
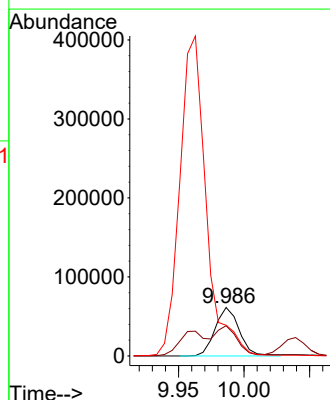
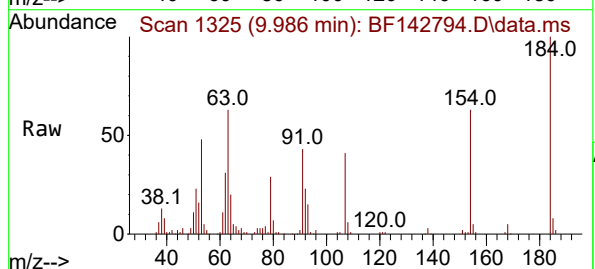
Tgt Ion:184 Resp: 78750

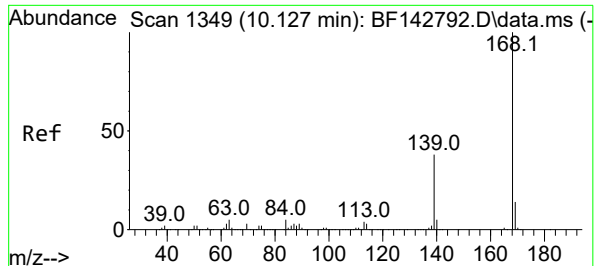
Ion Ratio Lower Upper

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

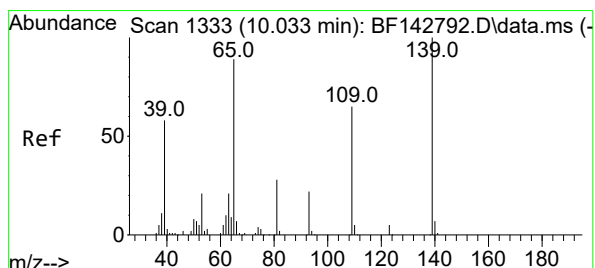
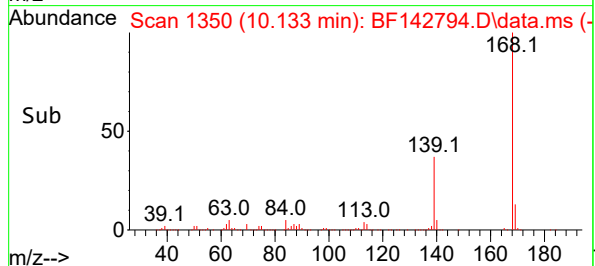
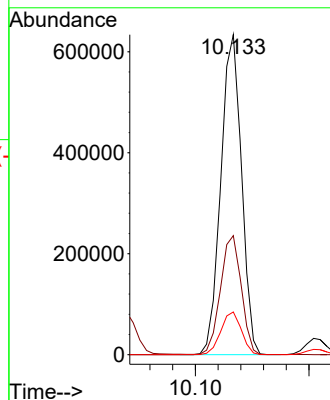
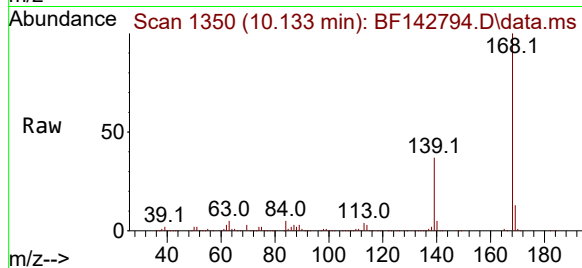
Tgt Ion:168 Resp: 802087

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

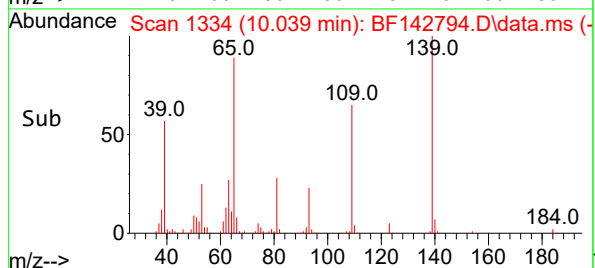
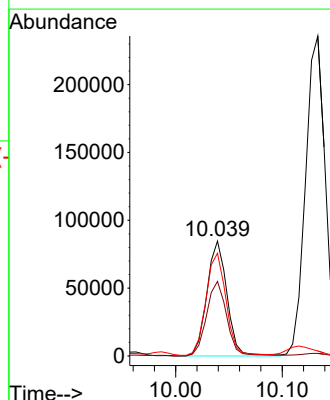
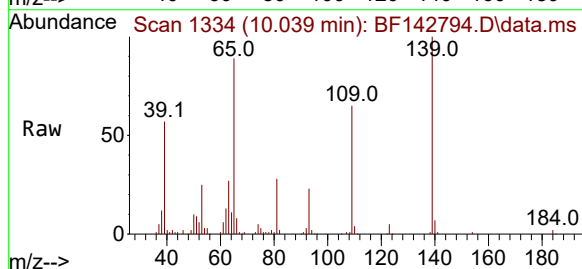
Tgt Ion:139 Resp: 110658

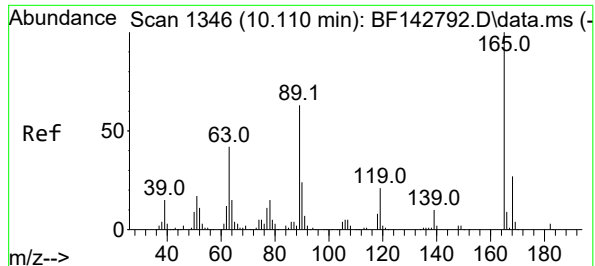
Ion Ratio Lower Upper

139 100

109 64.8 44.7 84.7

65 89.3 69.8 109.8

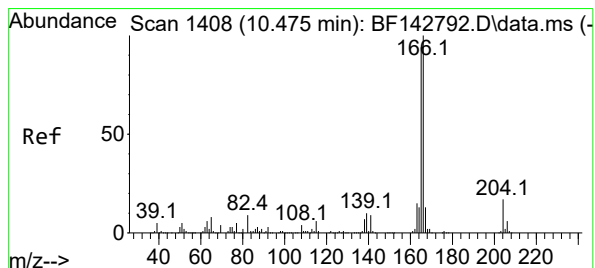
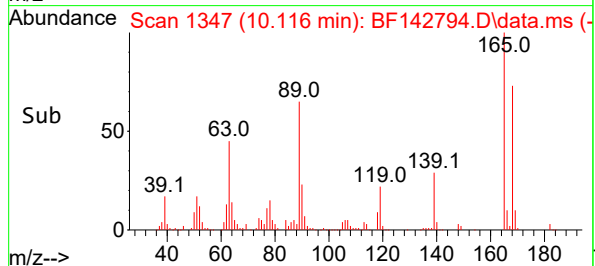
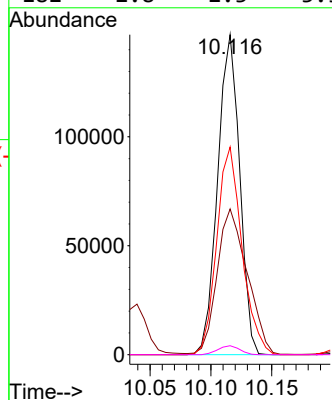
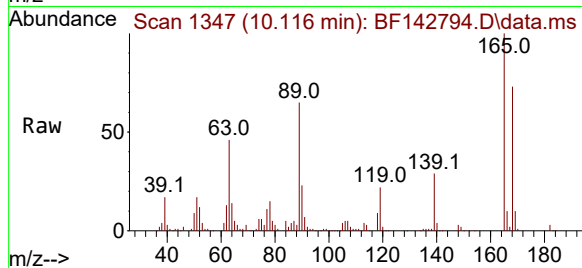




#57
2,4-Dinitrotoluene
Concen: 60.367 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

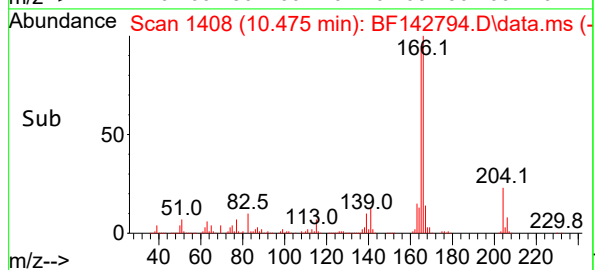
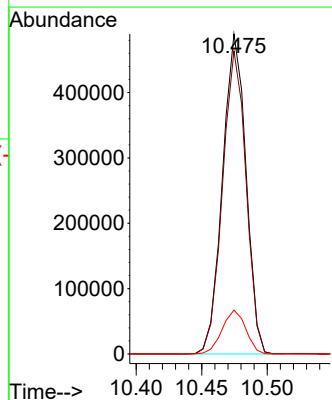
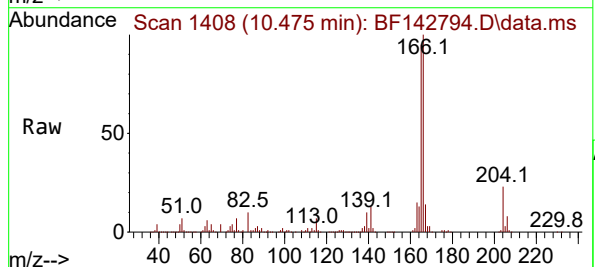
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

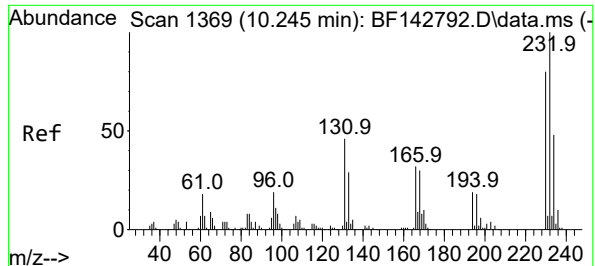
Tgt Ion:165 Resp: 184840
Ion Ratio Lower Upper
165 100
63 45.6 33.9 50.9
89 64.9 50.6 75.8
182 2.8 2.3 3.5



#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

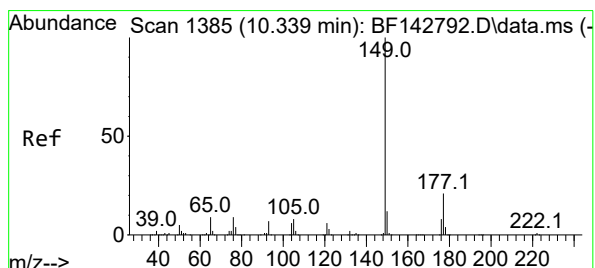
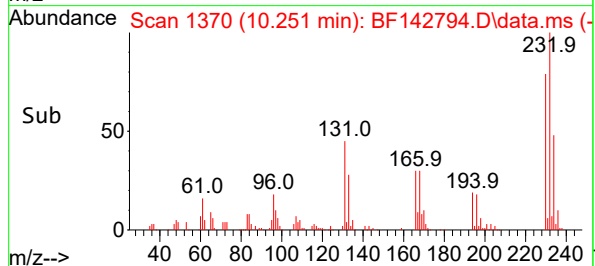
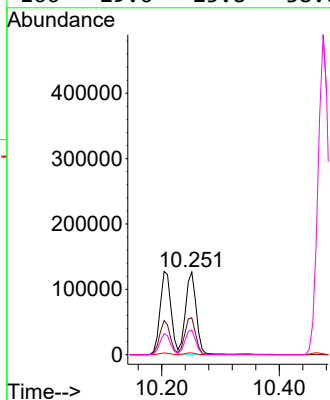
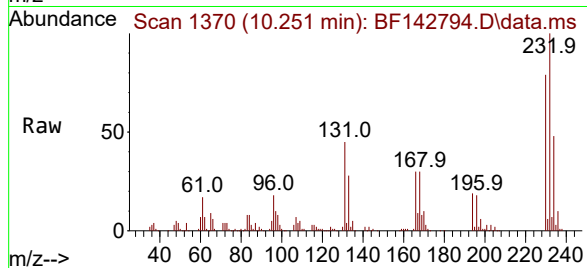




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.739 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

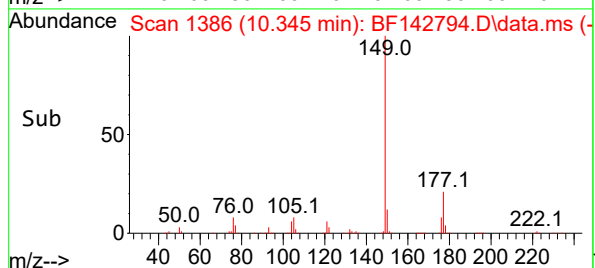
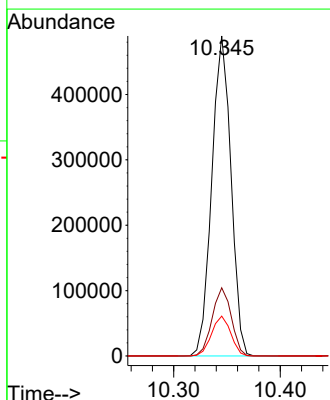
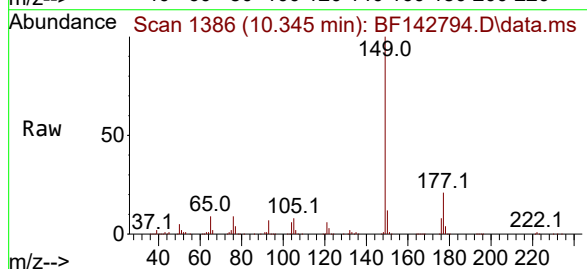
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

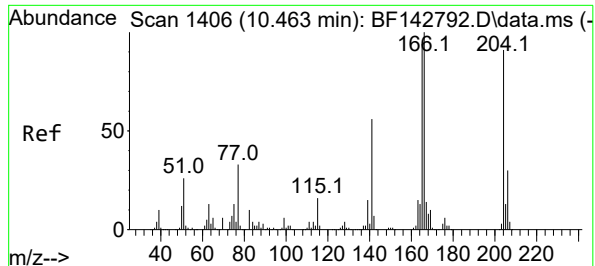
Tgt Ion:232 Resp: 159997
Ion Ratio Lower Upper
232 100
131 45.6 37.6 56.4
130 2.2 1.7 2.5
166 29.6 25.8 38.6



#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

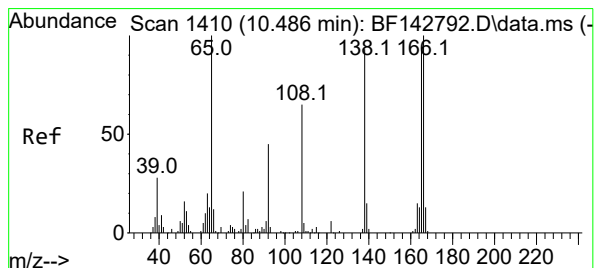
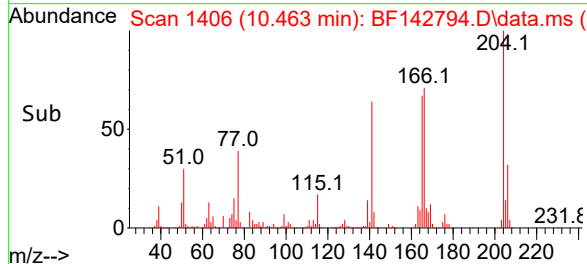
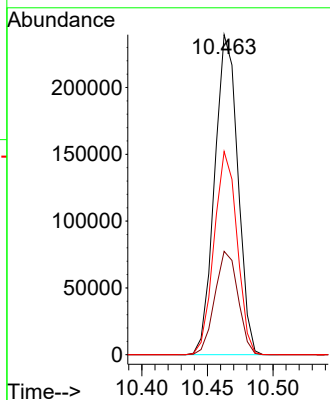
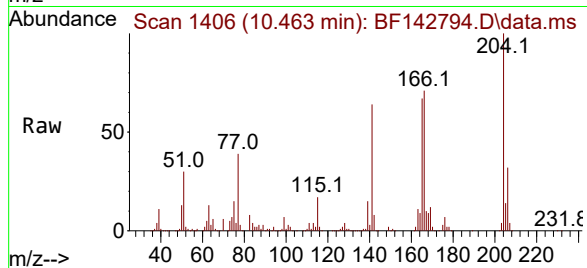




#61
4-Chlorophenyl-phenylether
Concen: 56.089 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

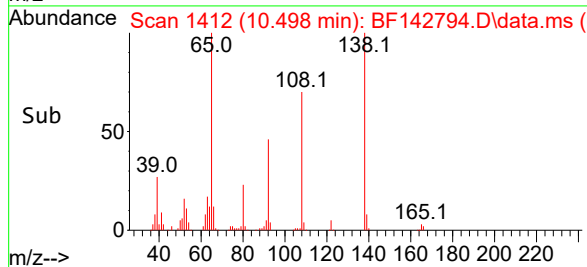
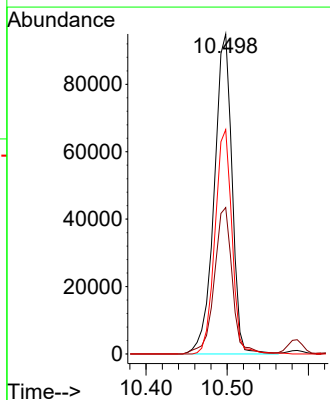
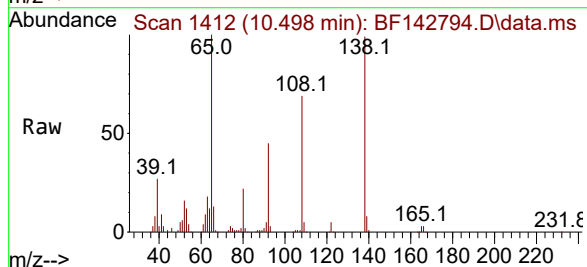
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

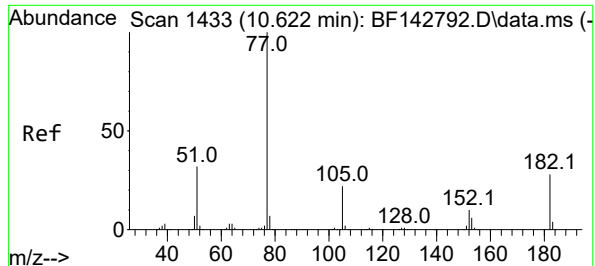
Tgt Ion:204 Resp: 294444
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 63.5 49.1 73.7



#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

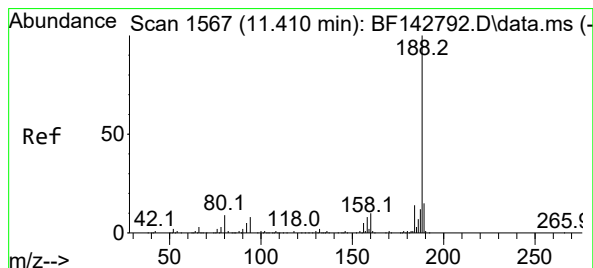
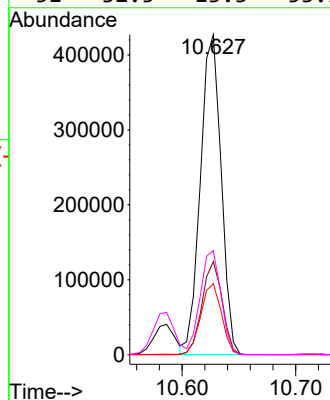
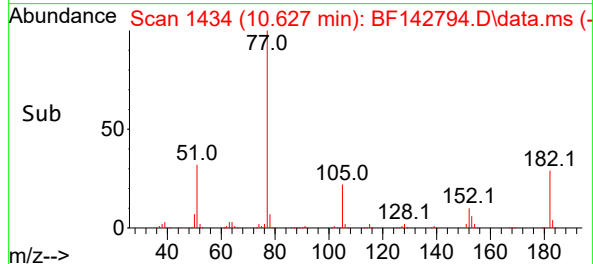
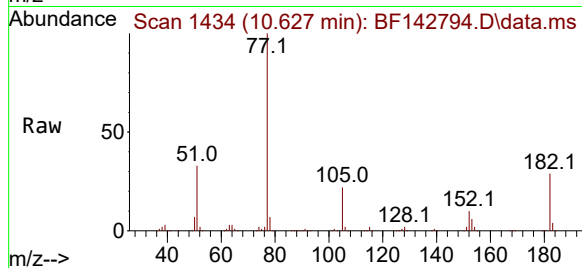




#63
Azobenzene
Concen: 58.460 ng
RT: 10.627 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

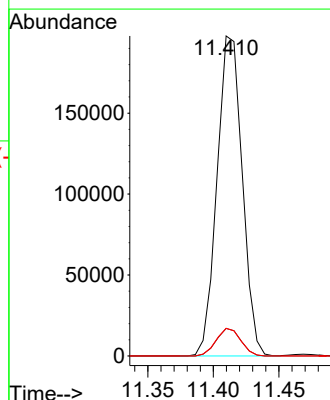
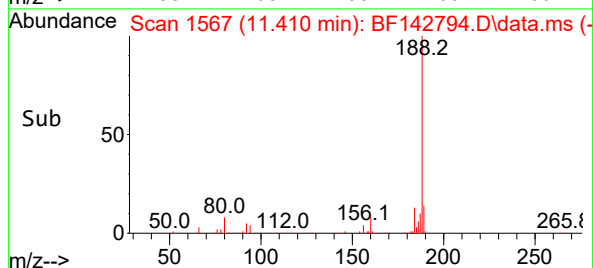
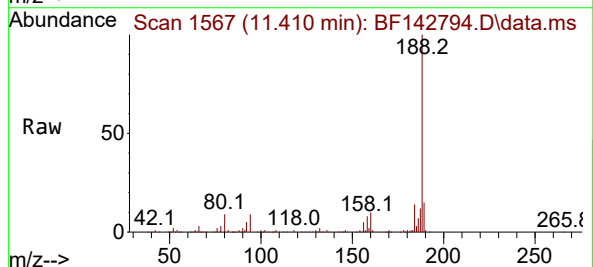
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

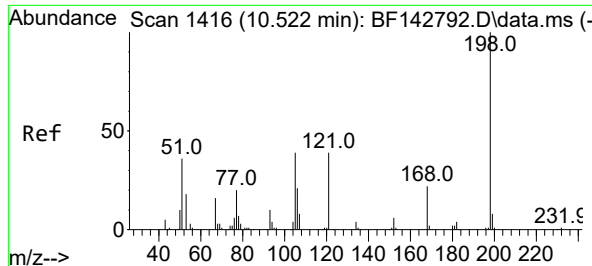
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	7.7	47.7
105	22.2	1.9	41.9
51	32.5	13.3	53.3



#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

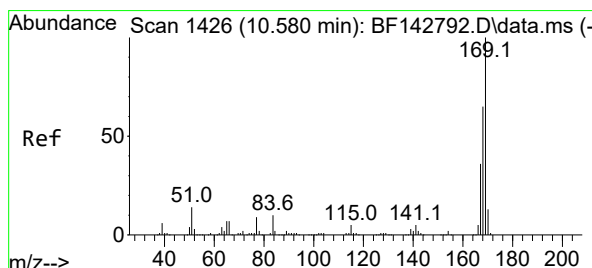
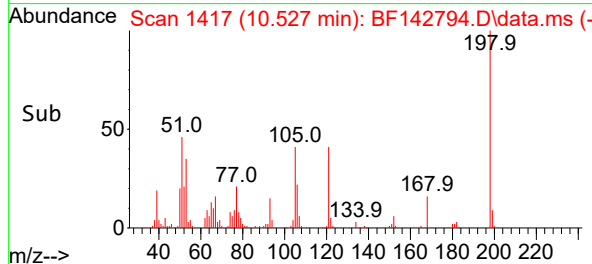
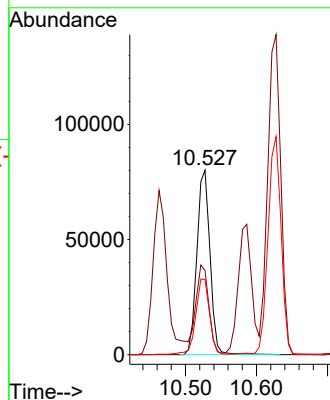
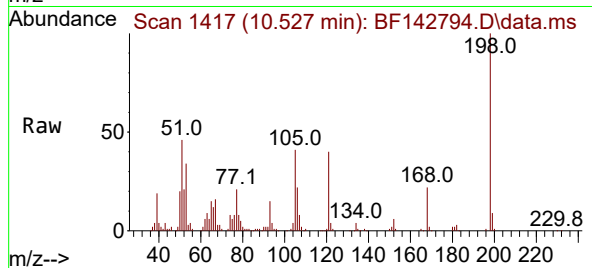




#65
4,6-Dinitro-2-methylphenol
Concen: 62.814 ng
RT: 10.527 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

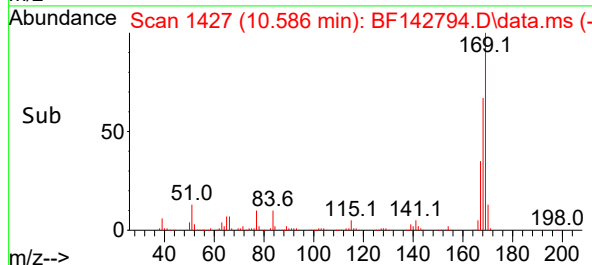
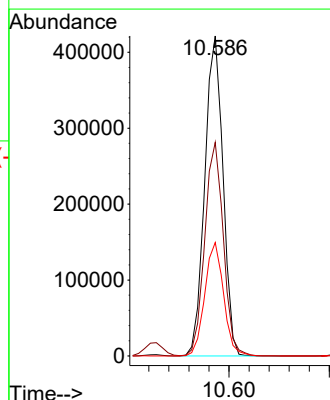
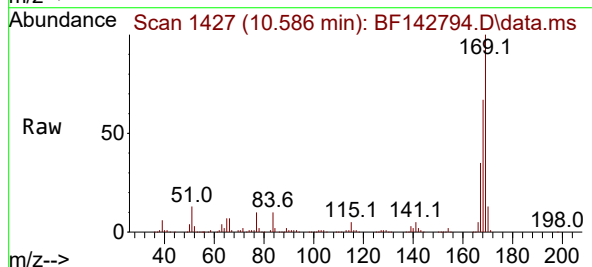
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

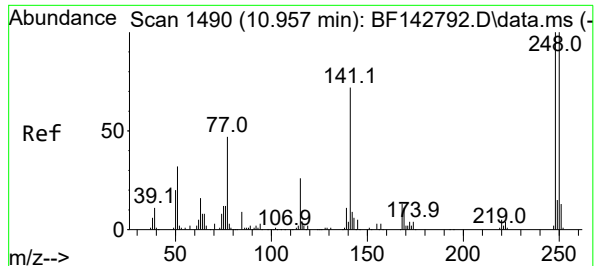
Tgt Ion:198 Resp: 103180
Ion Ratio Lower Upper
198 100
51 45.7 25.4 65.4
105 40.7 20.4 60.4



#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

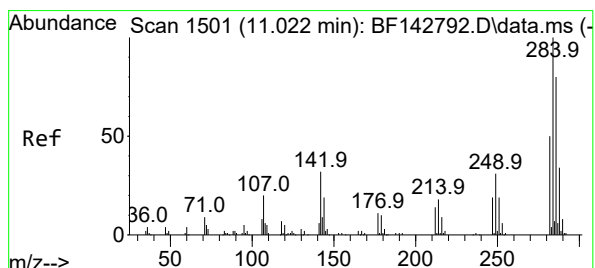
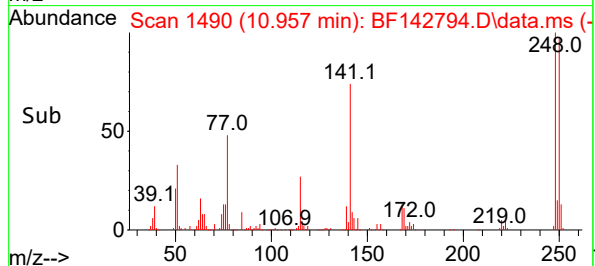
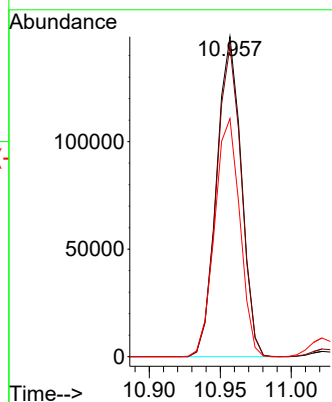
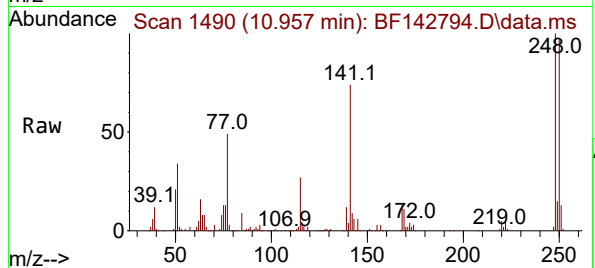




#67
4-Bromophenyl-phenylether
Concen: 58.311 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

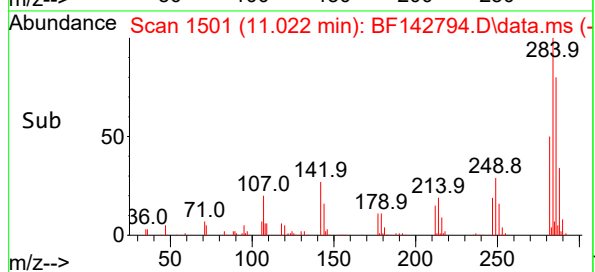
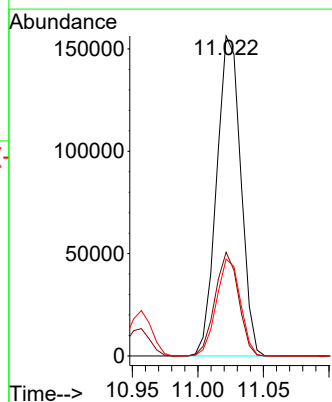
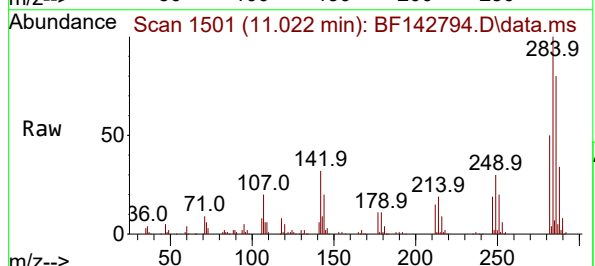
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

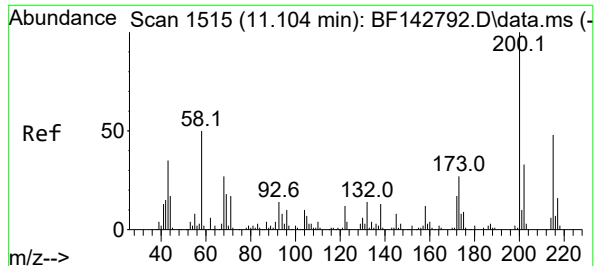
Tgt Ion:248 Resp: 180519
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 74.4 57.8 86.6



#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

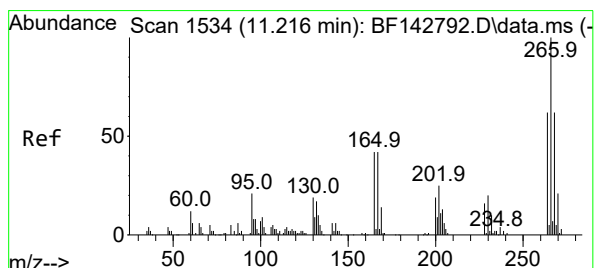
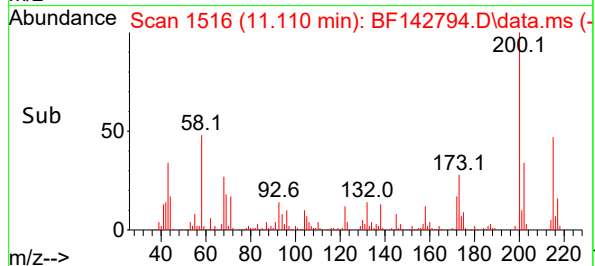
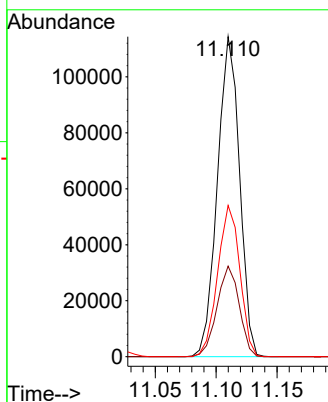
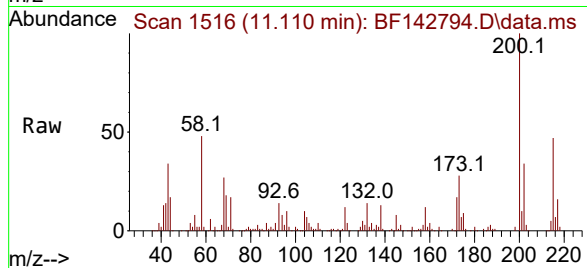
Tgt Ion:200 Resp: 144880

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

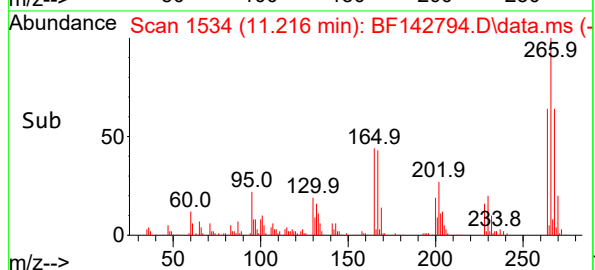
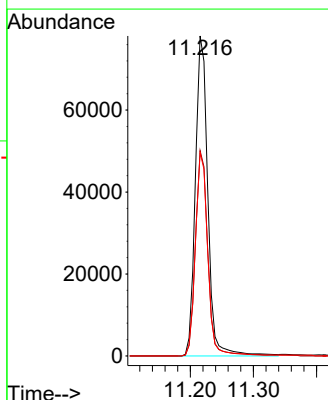
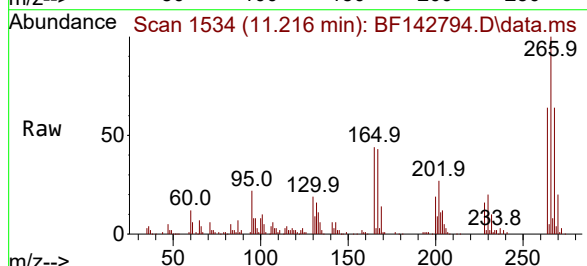
Tgt Ion:266 Resp: 107141

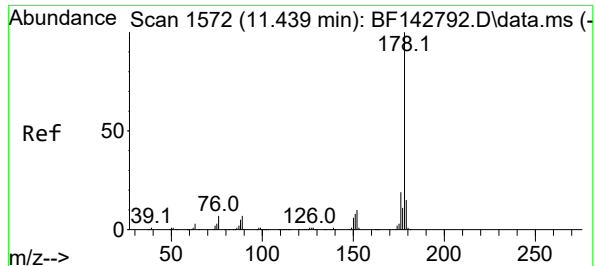
Ion Ratio Lower Upper

266 100

268 64.2 49.8 74.8

264 63.5 49.9 74.9

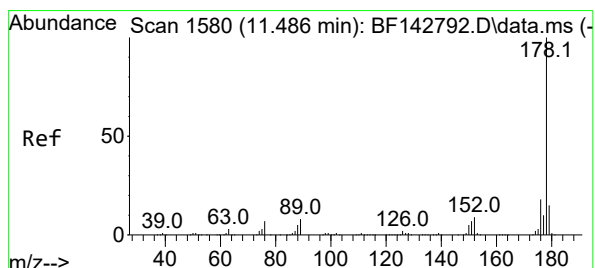
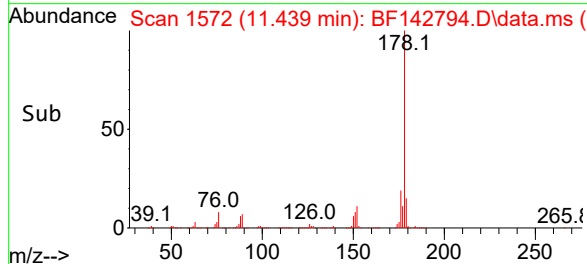
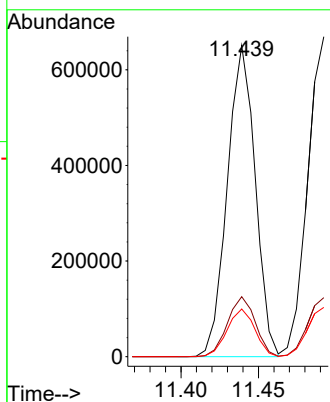
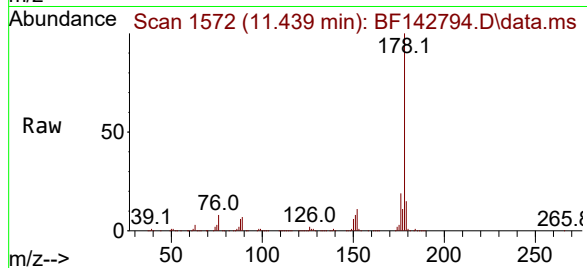




#71
Phenanthrene
Concen: 57.611 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

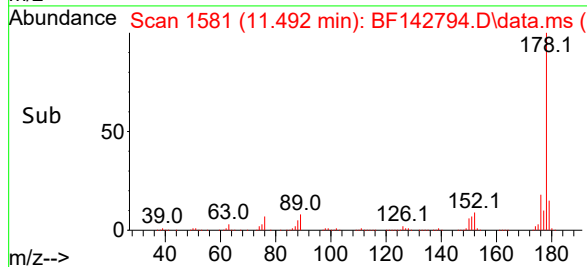
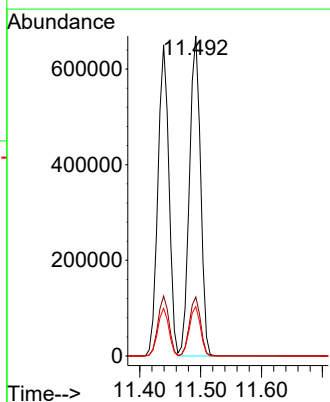
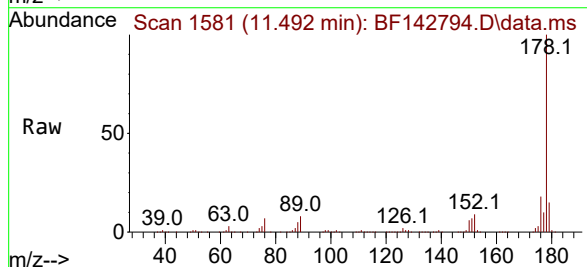
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

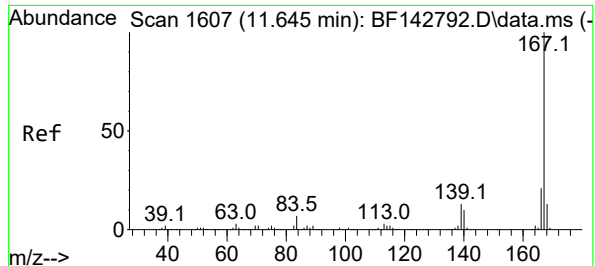
Tgt Ion:178 Resp: 815330
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.4 12.0 18.0



#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

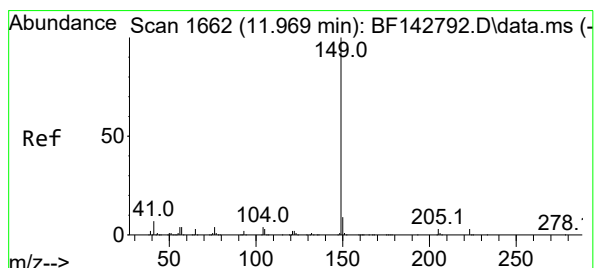
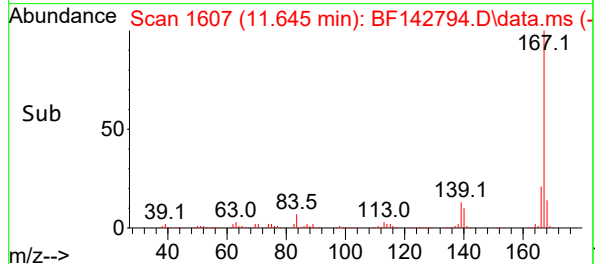
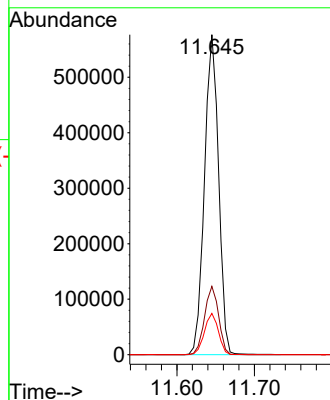
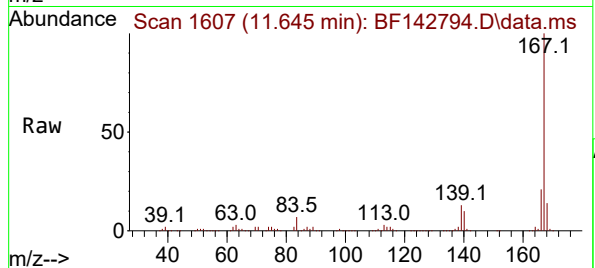




#73
Carbazole
Concen: 59.457 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

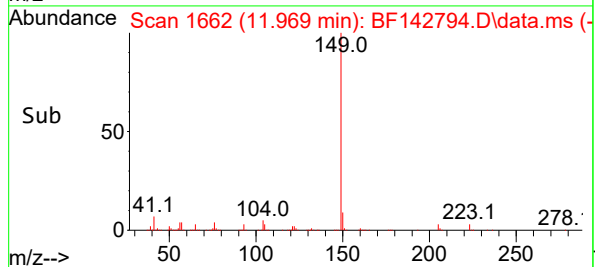
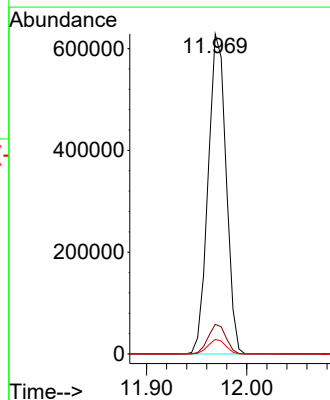
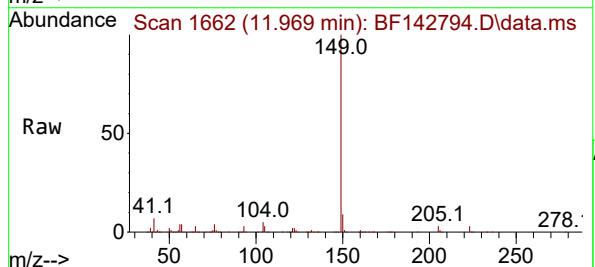
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

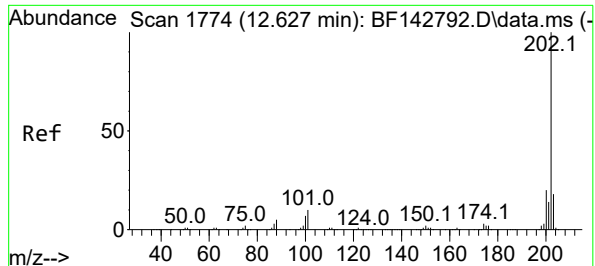
Tgt Ion:167 Resp: 729372
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 12.9 10.2 15.2



#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

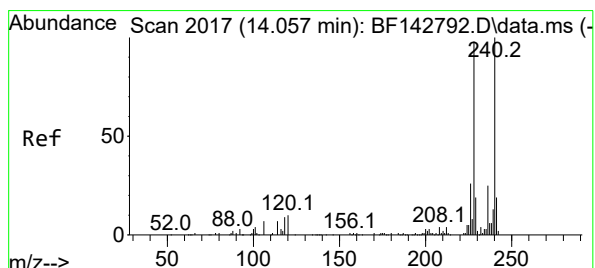
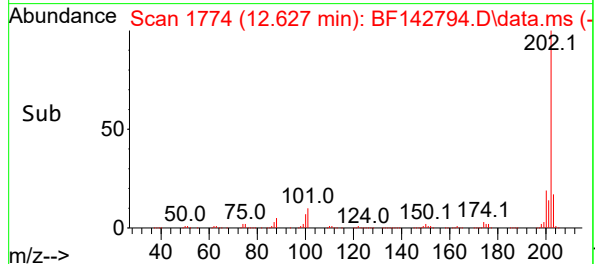
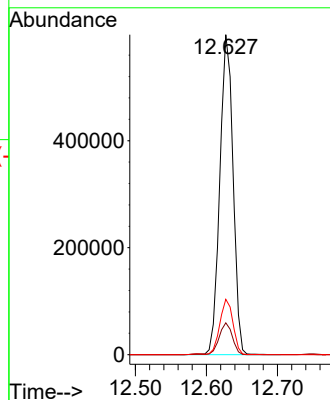
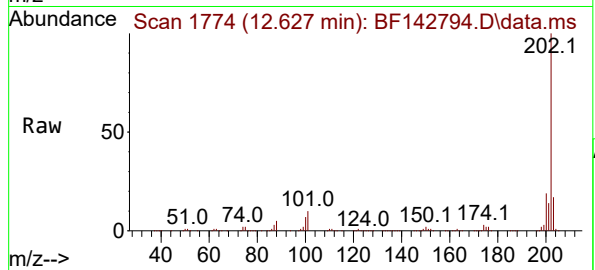




#75
Fluoranthene
Concen: 57.300 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

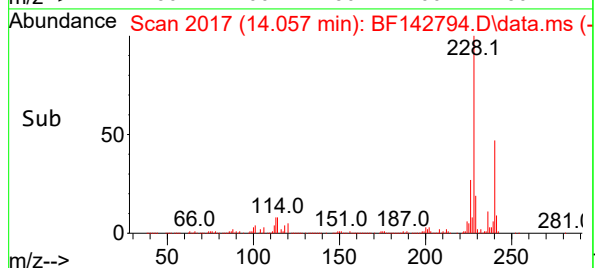
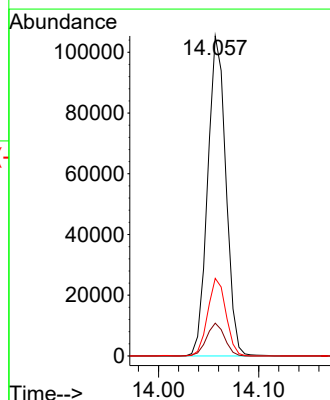
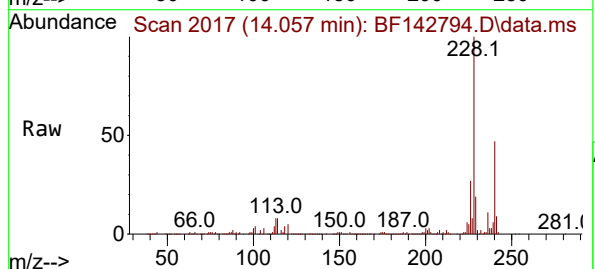
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

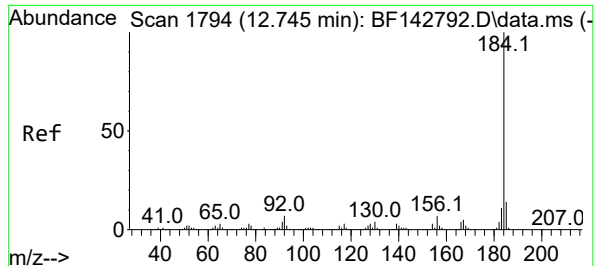
Tgt Ion:202 Resp: 770481
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.7
203 17.3 0.0 37.5



#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# 1

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

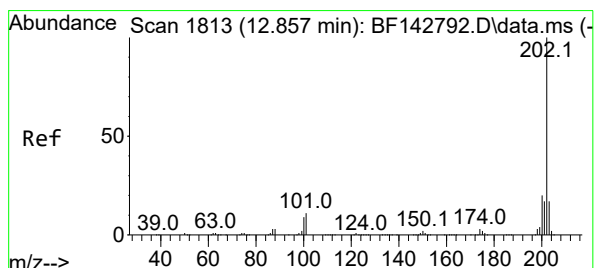
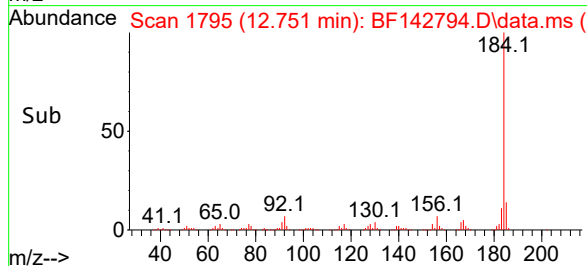
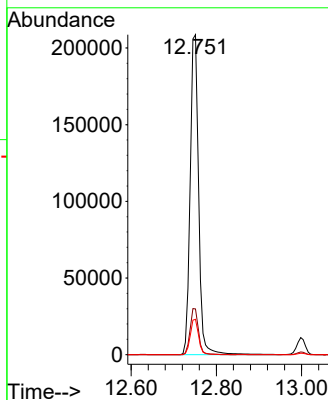
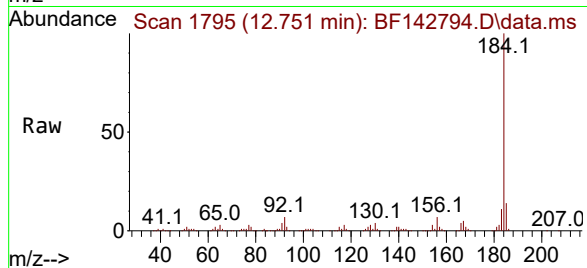
Tgt Ion:184 Resp: 287238

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

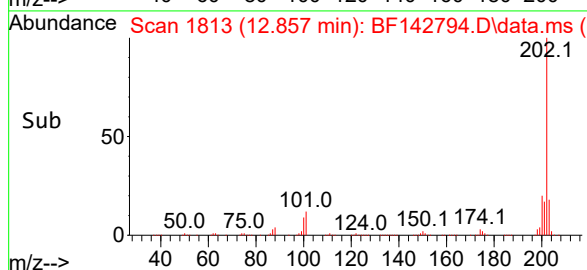
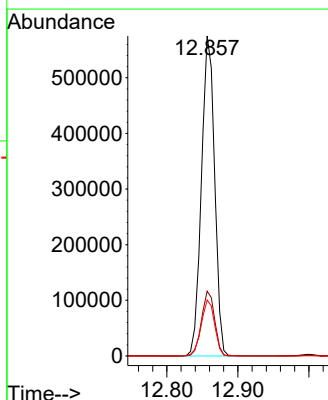
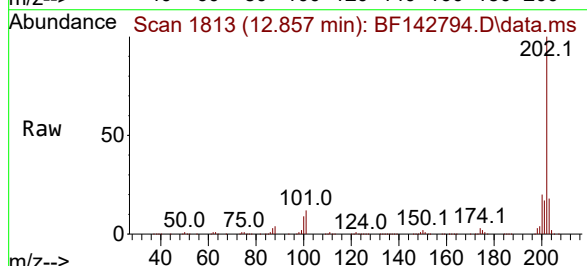
Tgt Ion:202 Resp: 744567

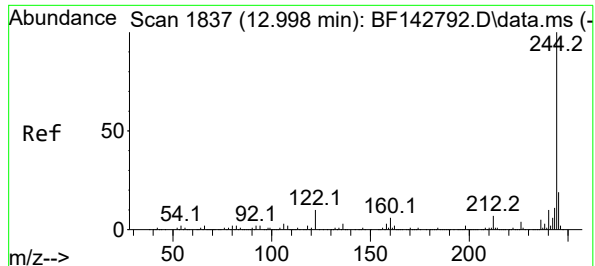
Ion Ratio Lower Upper

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

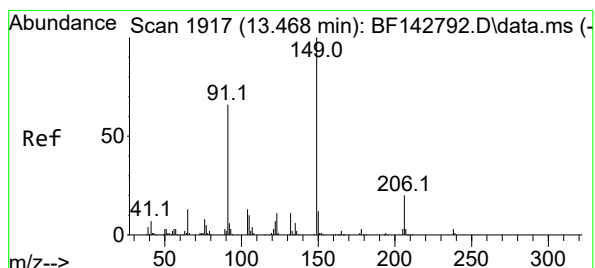
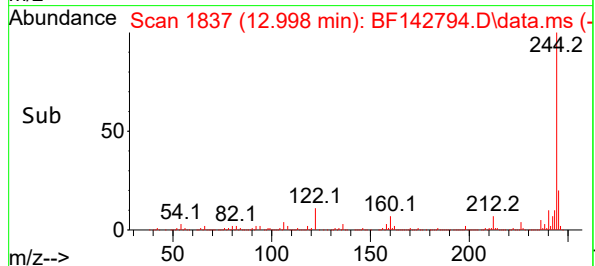
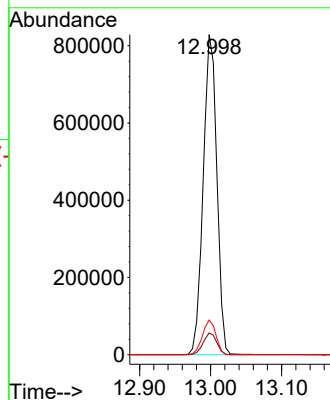
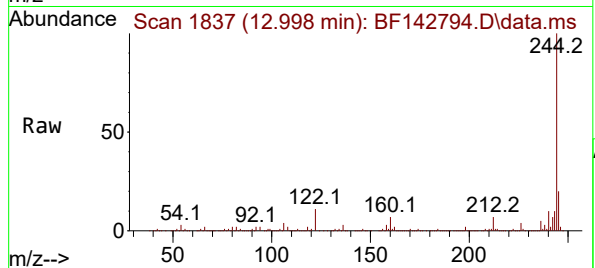
Tgt Ion:244 Resp: 1107704

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

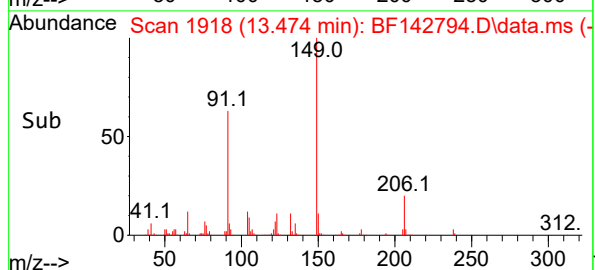
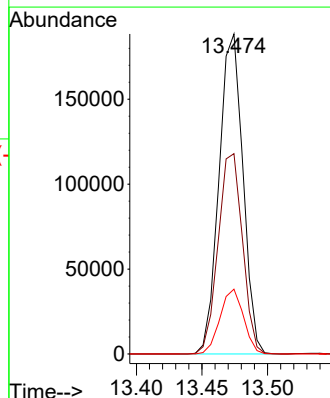
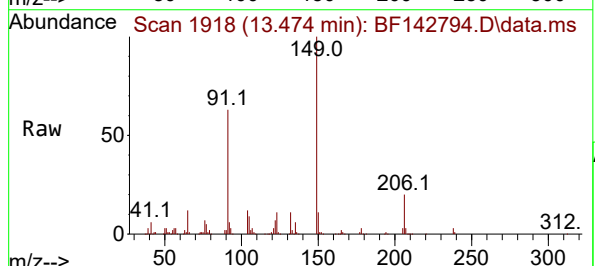
Tgt Ion:149 Resp: 238584

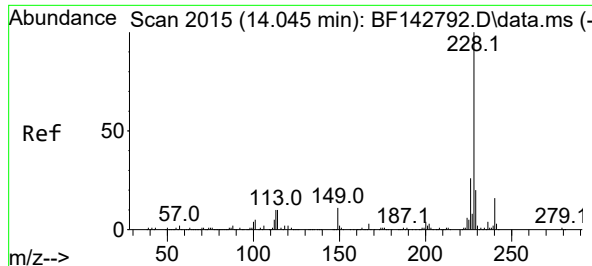
Ion Ratio Lower Upper

149 100

91 62.6 52.9 79.3

206 20.2 16.3 24.5

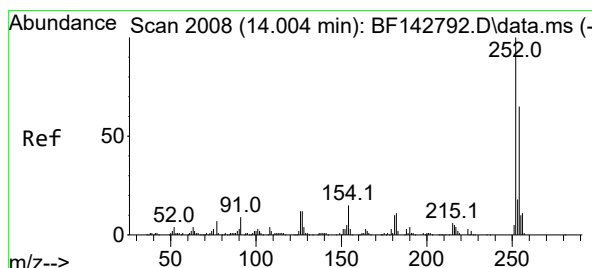
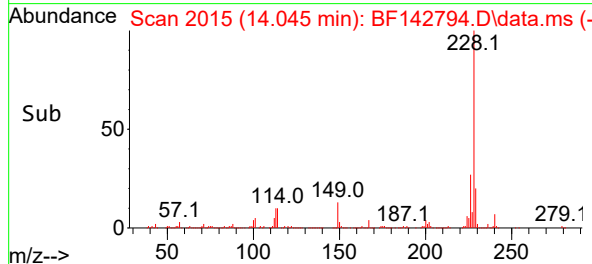
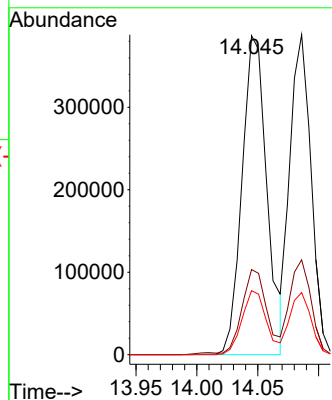
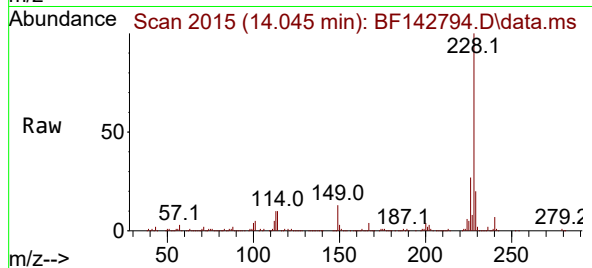




#81
Benzo(a)anthracene
Concen: 62.892 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

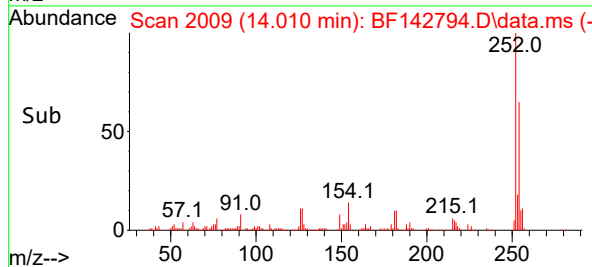
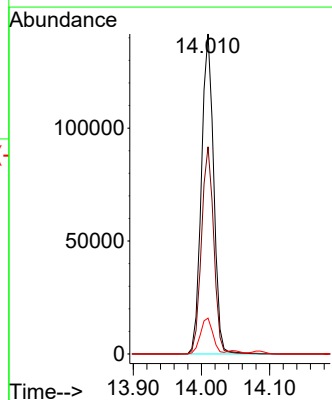
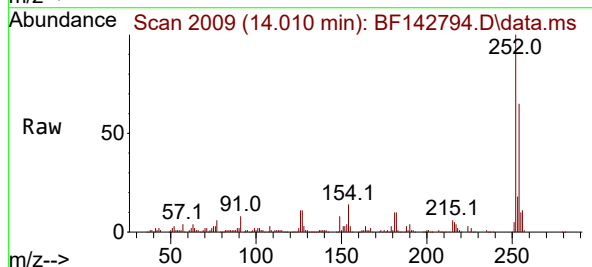
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

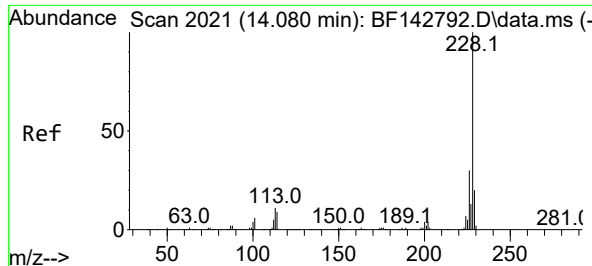
Tgt Ion:228 Resp: 550008
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 20.0 15.6 23.4



#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# 20

Delta R.T. 0.006 min

Lab File: BF142794.D

Acq: 19 Jun 2025 20:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

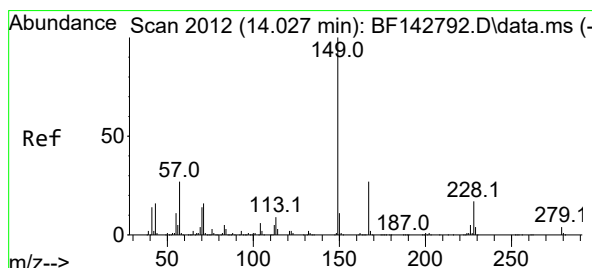
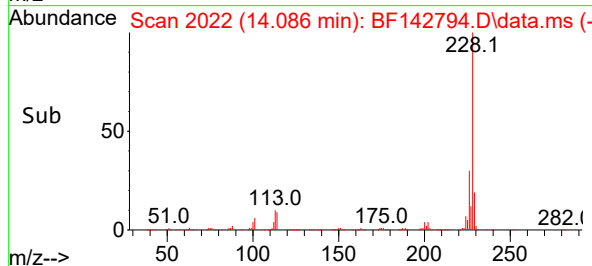
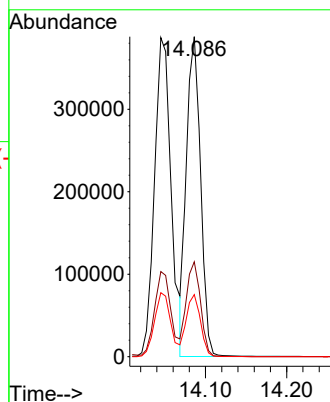
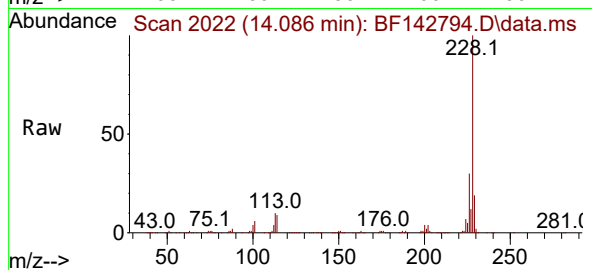
Tgt Ion:228 Resp: 470124

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

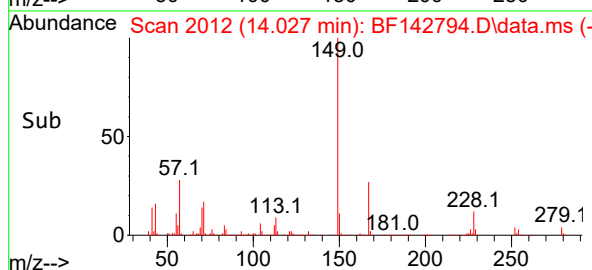
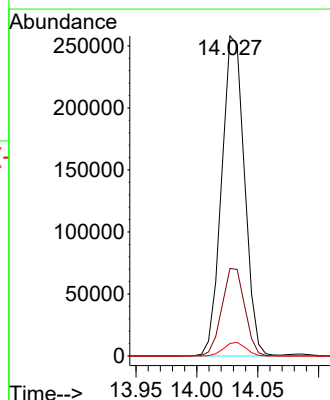
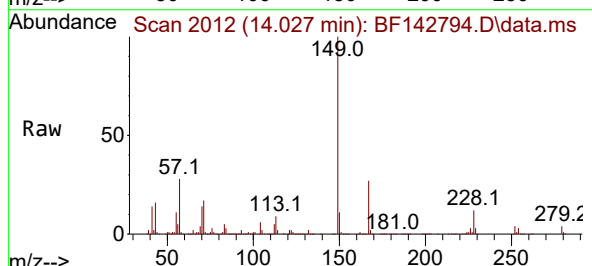
Tgt Ion:149 Resp: 336951

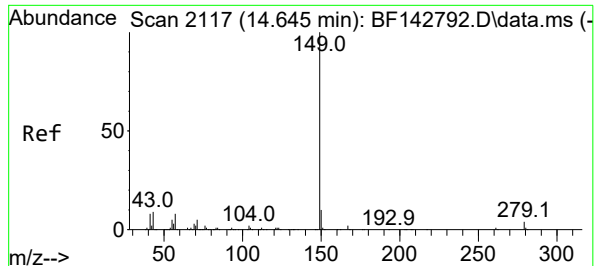
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 3.9 3.0 4.6

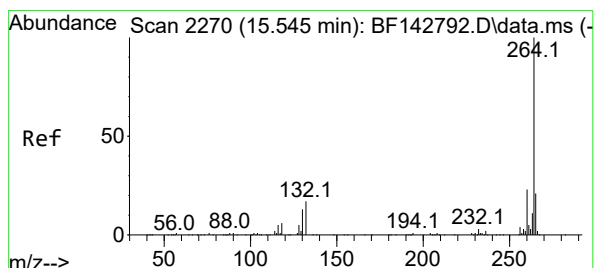
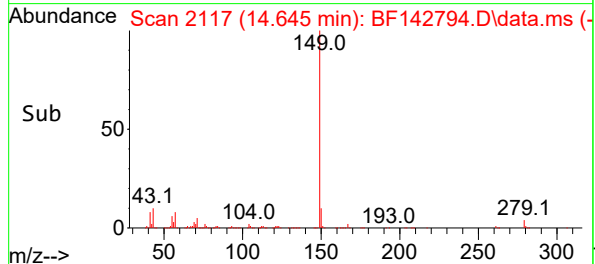
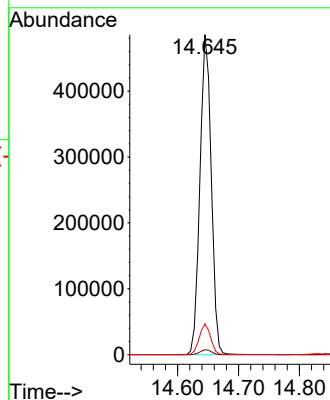
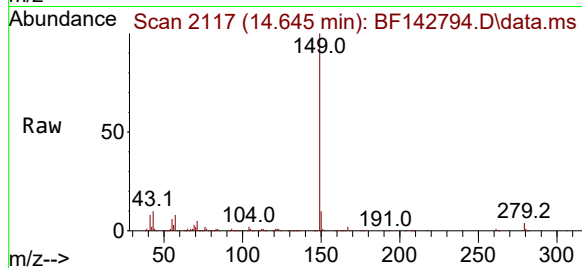




#85
Di-n-octyl phthalate
Concen: 60.871 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

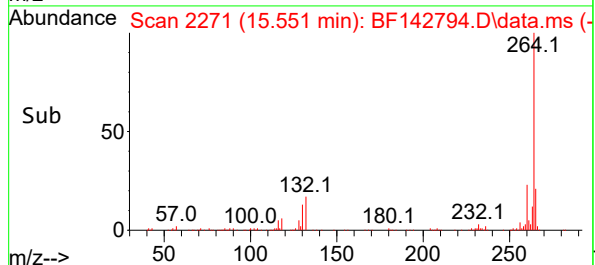
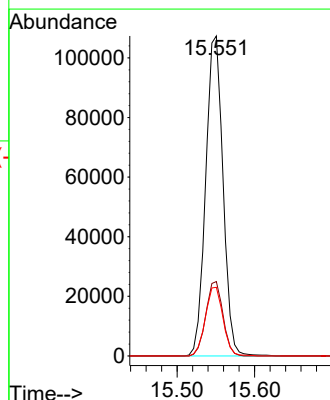
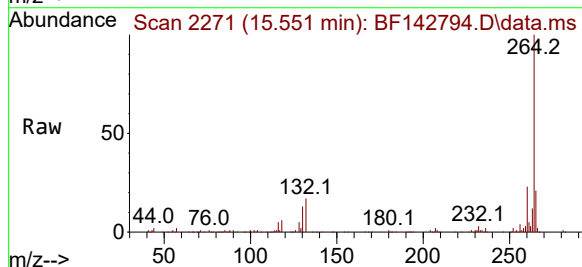
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

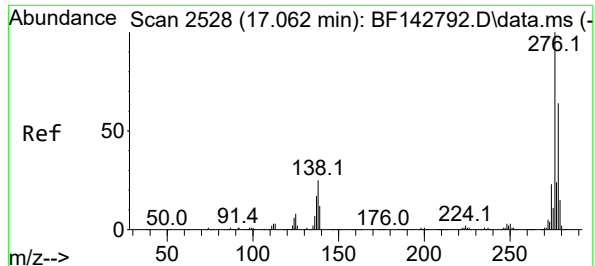
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.6	11.4



#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

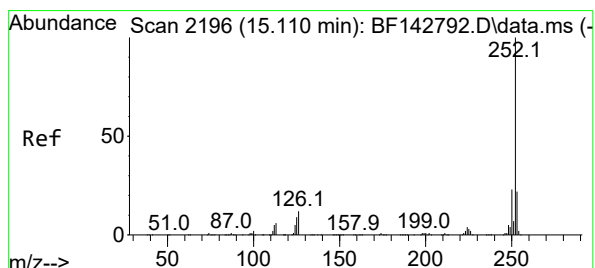
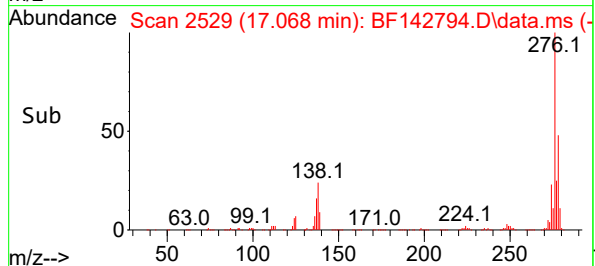
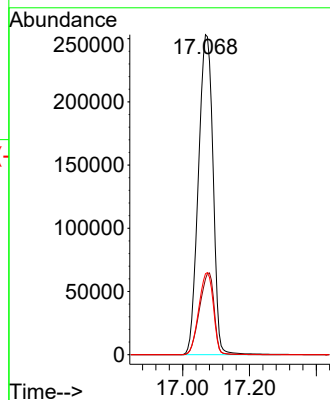
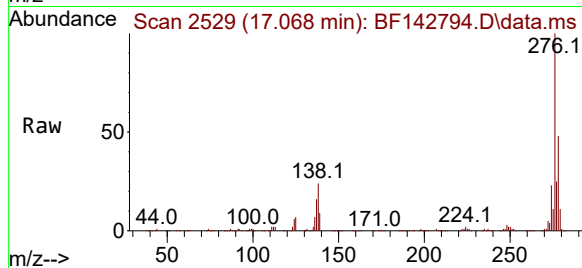
Tgt Ion:276 Resp: 768324

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

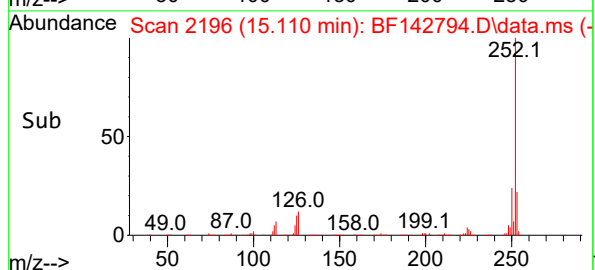
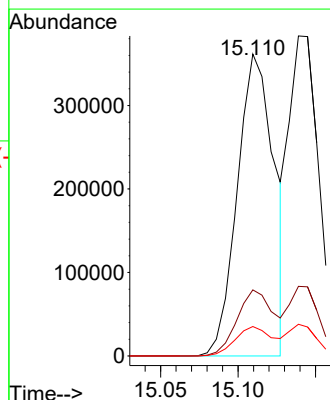
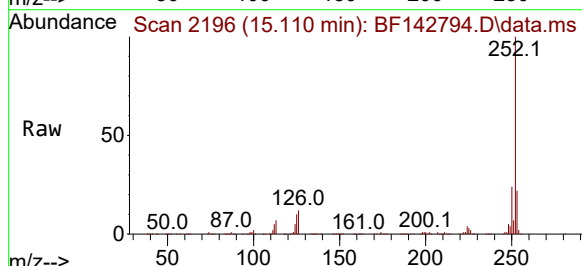
Tgt Ion:252 Resp: 597533

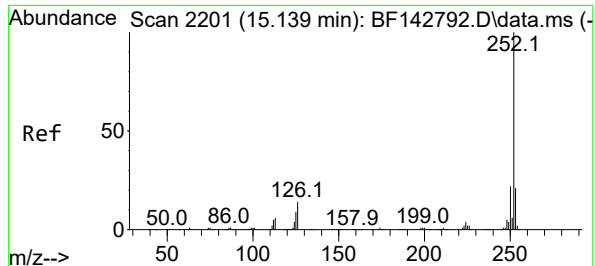
Ion Ratio Lower Upper

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

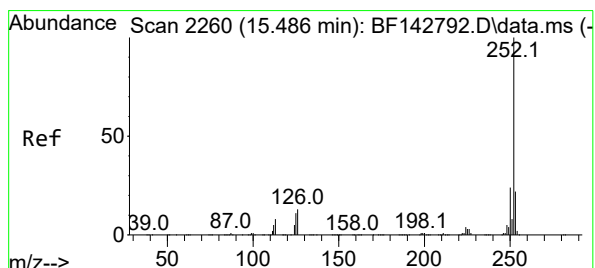
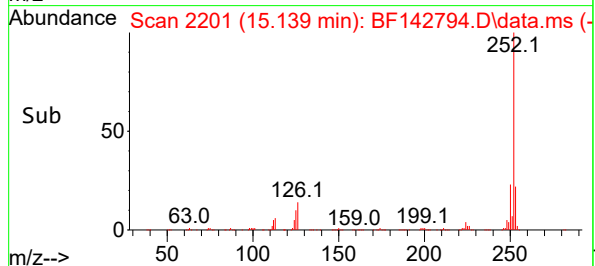
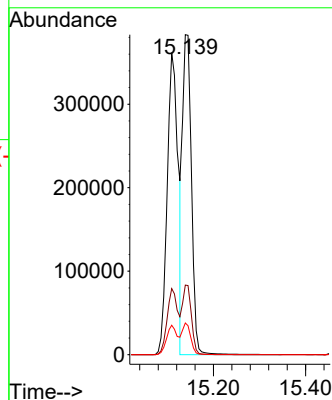
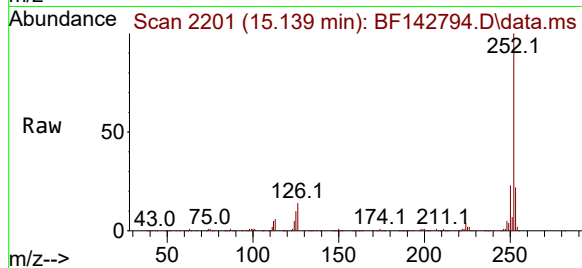
Tgt Ion:252 Resp: 518514

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

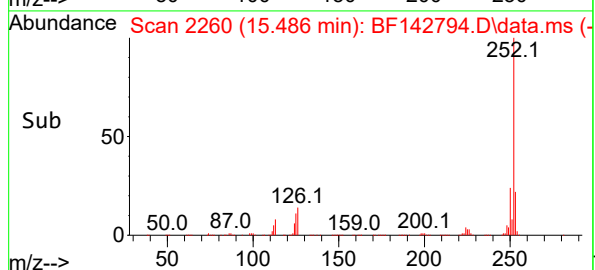
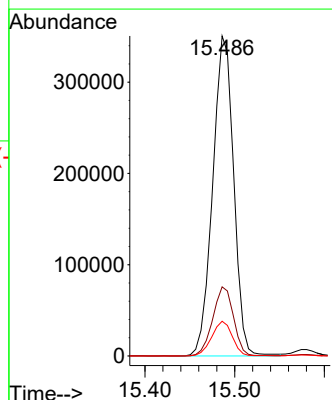
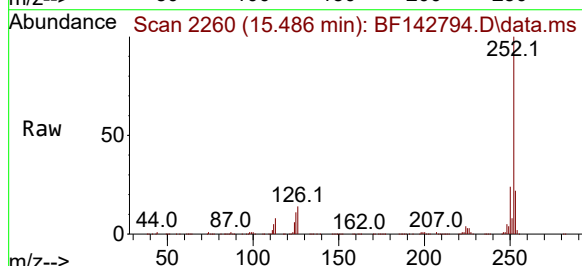
Tgt Ion:252 Resp: 569694

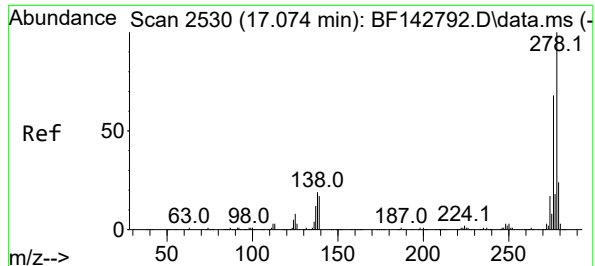
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

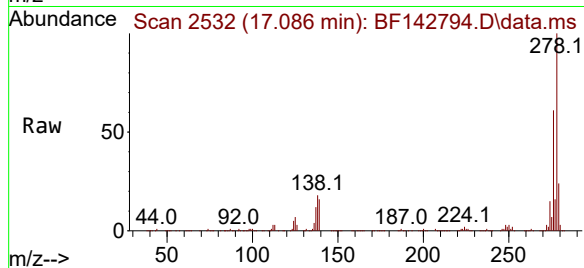
125 10.9 8.6 12.8



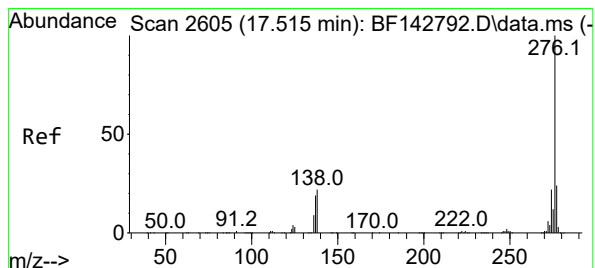
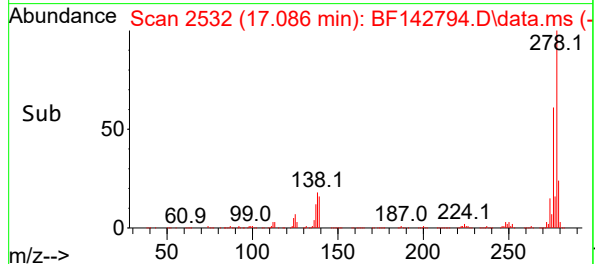
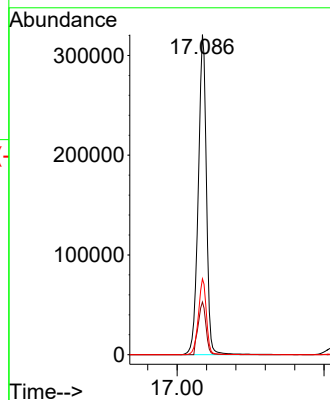


#91
Dibenzo(a,h)anthracene
Concen: 61.889 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

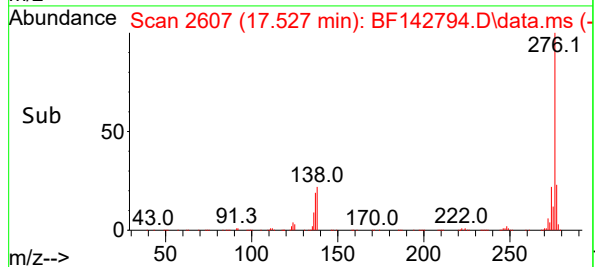
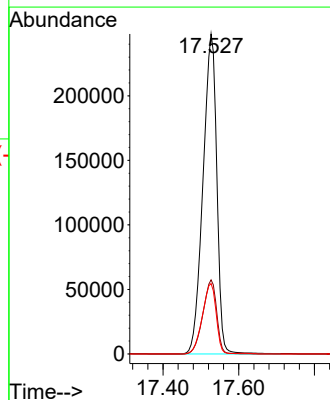
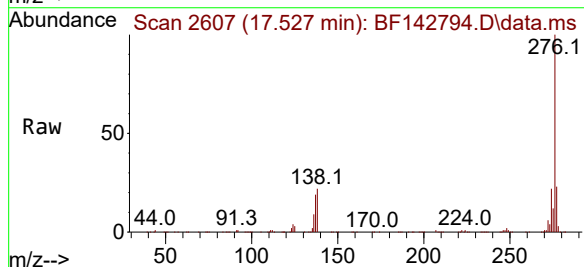


Tgt Ion:278 Resp: 619236
Ion Ratio Lower Upper
278 100
139 16.5 13.5 20.3
279 23.7 18.8 28.2



#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, d, S

1,3-Dichlorobenzene, C

1,4-Dichlorobenzene, d, 1

2,4-Dinitrophenol

Bis(2-chloroethyl)phthalate

Hexachlorocyclopentadiene

Nitrobenzene, d, S

n-Nitrosodimethylaniline

2,4-Dimethylphenol

2,4-Dinitrophenol

2,4,6-Trinitrophenol

4-Chloro-3-methylphenol, C

4-Chloro-3-methylphenol

2-Methyl-4-nitrophenol

2,4-Dinitrophenol

2,4,6-Trinitrophenol

2-Chloronaphthalene

Biphenyl

Acenaphthylene

Acenaphthene, C

Dibenzofuran

4-Chlorophenyl-phenylether

n-Nitrosodiphenylamine, C

2,4,6-Trinitrophenol, S

2,4,6-Trinitrophenol

4-Chlorophenyl-phenylether

Phenanthrene

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d14, S

Butylbenzylphthalate

Chrysene

1,2,3,4-Tetrachlorobenzene

Di-n-octyl phthalate, c

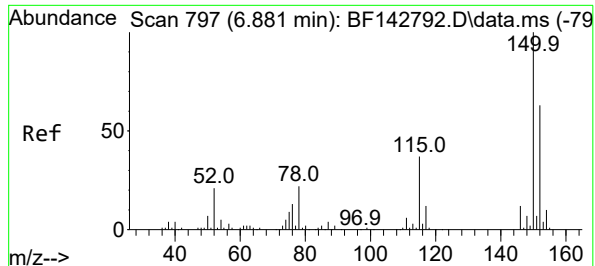
Benzo(b)fluoranthene

Benzo(a)pyrene, C

Perylene-d12, I

Indene(1,2,3-cd)pyrene

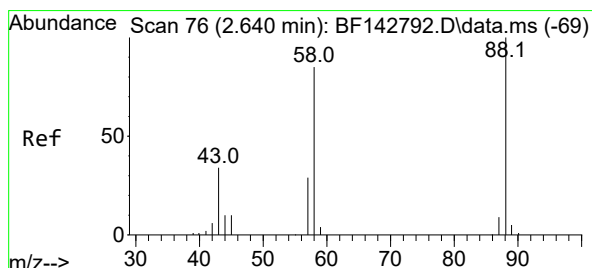
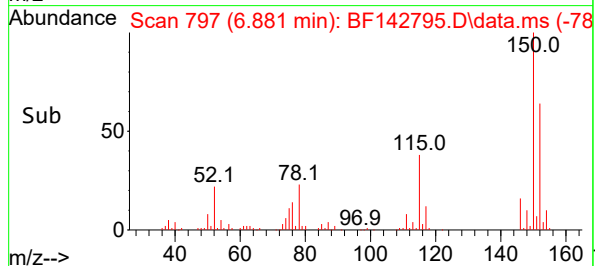
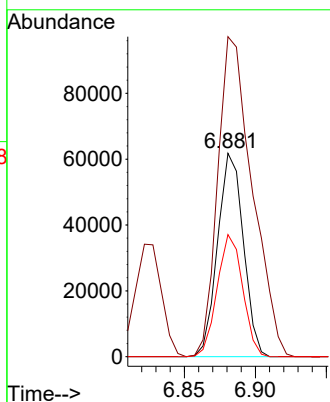
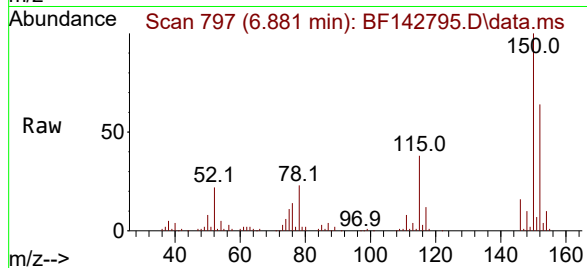
Benzo(g,h,i)perylene



#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

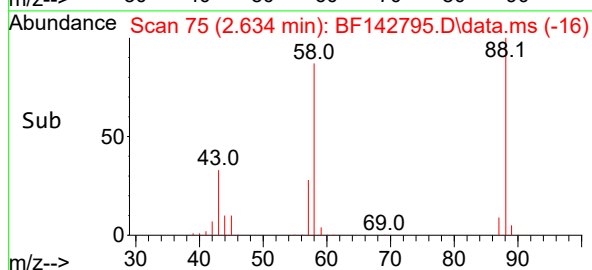
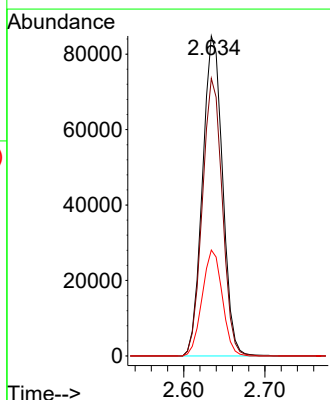
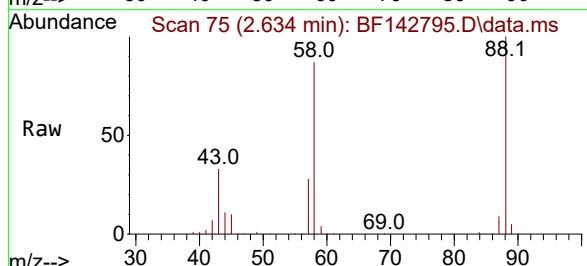
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

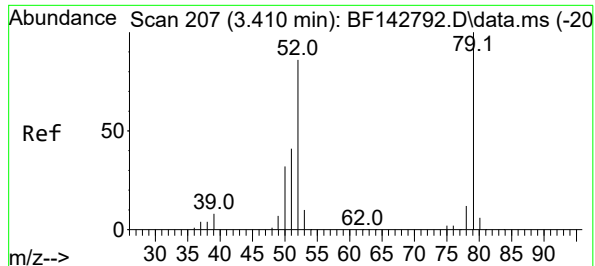
Tgt Ion:152 Resp: 77938
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 60.0 46.6 69.8



#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

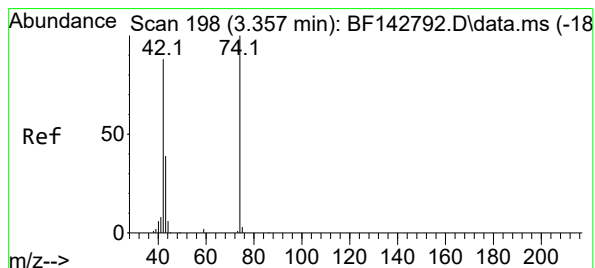
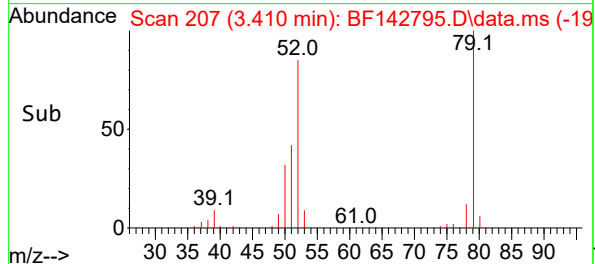
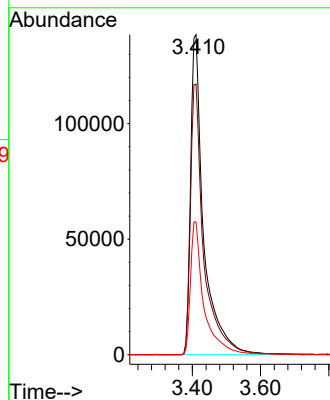
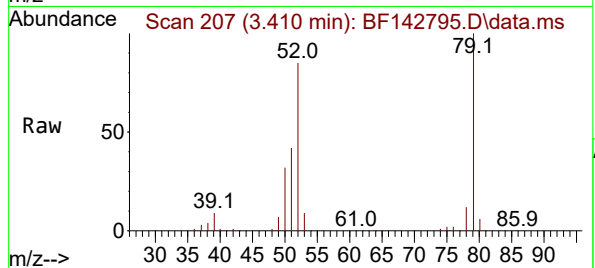




#3
Pyridine
Concen: 81.031 ng
RT: 3.410 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

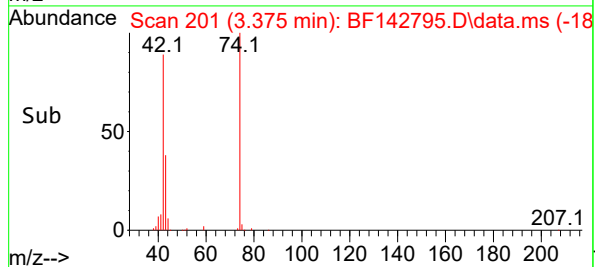
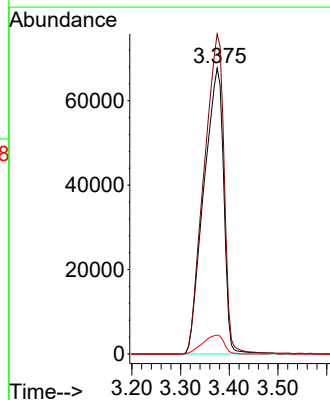
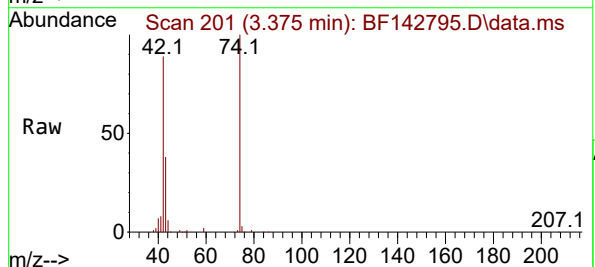
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

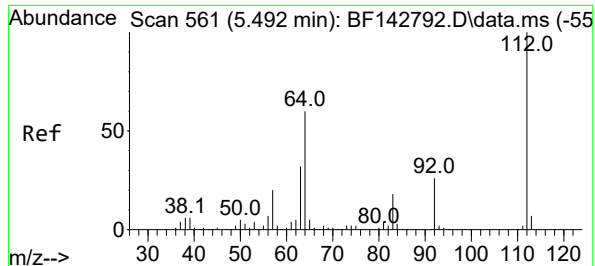
Tgt Ion: 79 Resp: 368129
Ion Ratio Lower Upper
79 100
52 84.6 69.2 103.8
51 41.5 33.2 49.8



#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

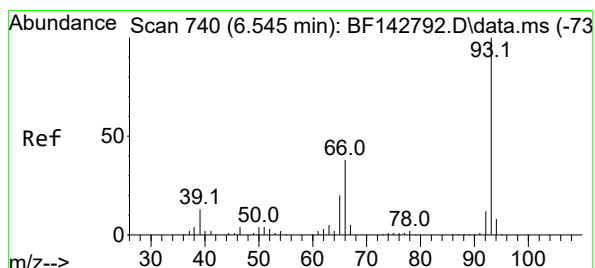
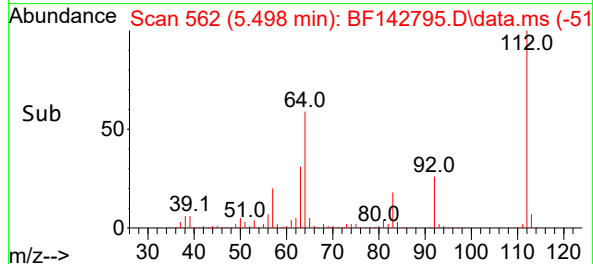
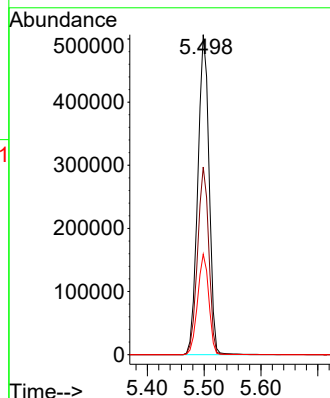
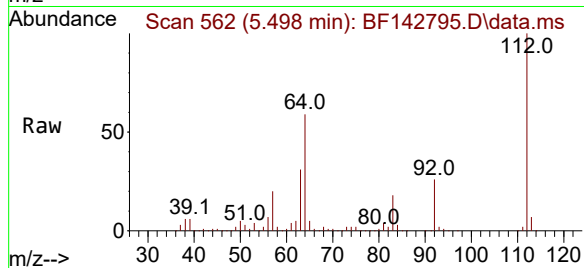




#5
2-Fluorophenol
Concen: 153.880 ng
RT: 5.498 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

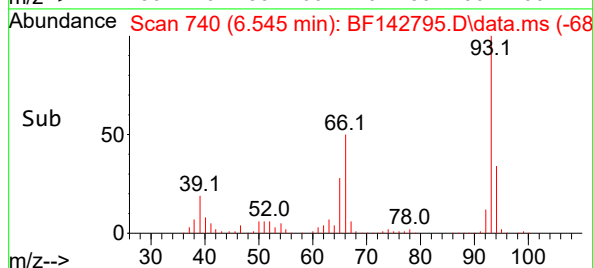
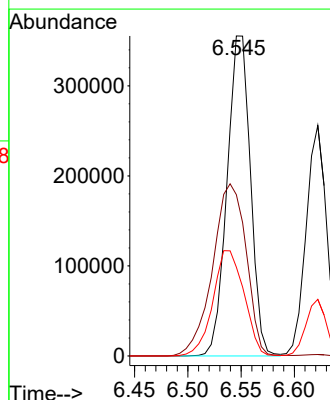
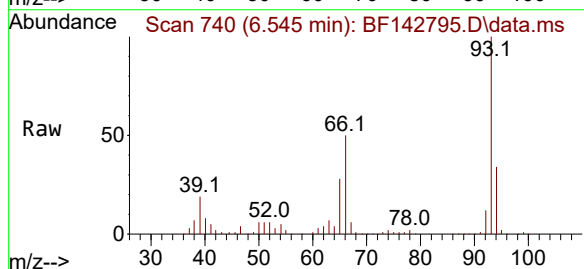
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

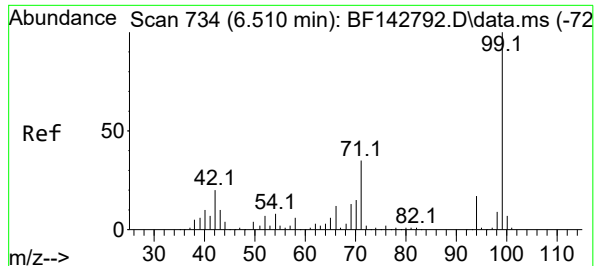
Tgt Ion:112 Resp: 703164
Ion Ratio Lower Upper
112 100
64 58.7 48.2 72.2
63 31.4 25.7 38.5



#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

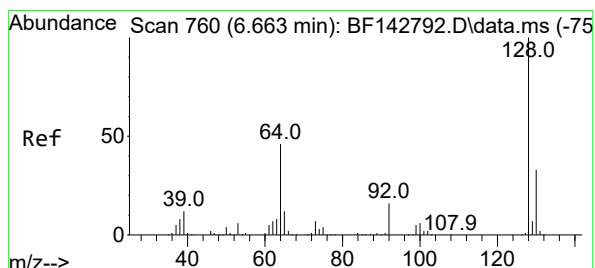
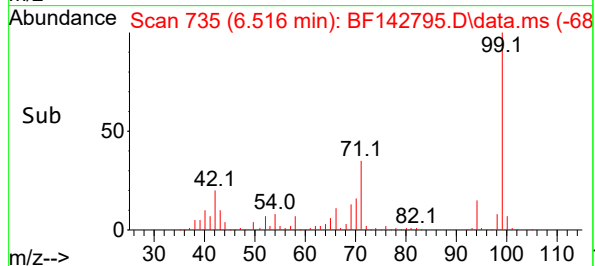
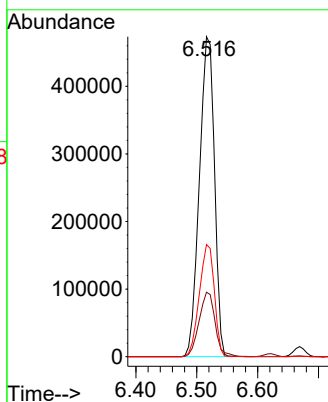
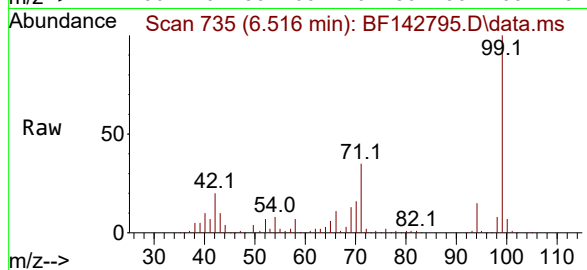
Tgt Ion: 99 Resp: 813626

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

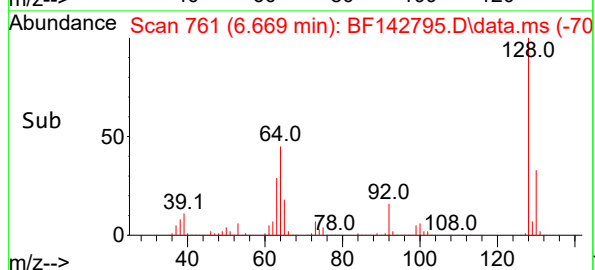
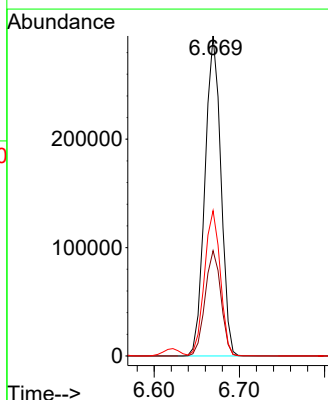
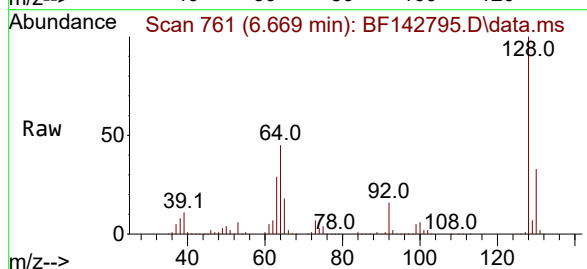
Tgt Ion:128 Resp: 383707

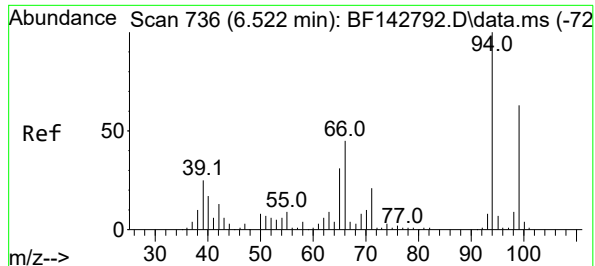
Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

64 45.4 26.5 66.5

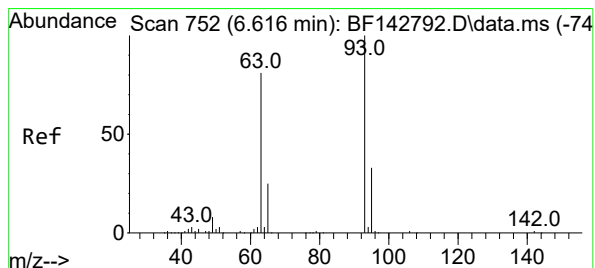
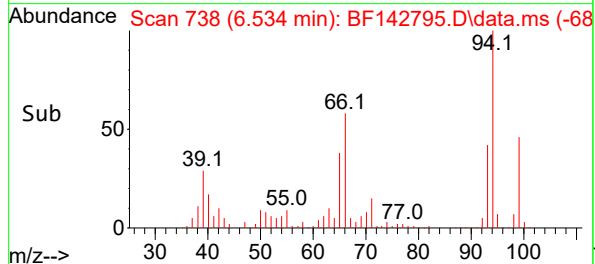
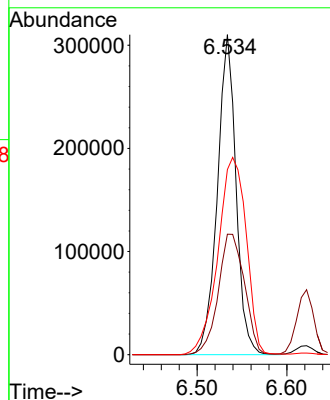
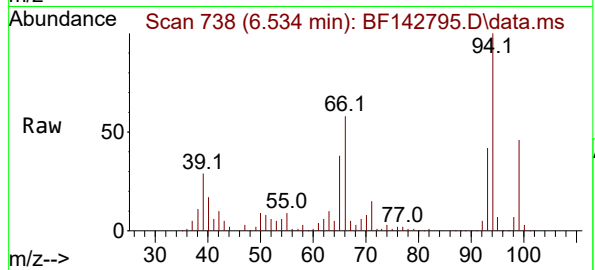




#10
Phenol
Concen: 74.906 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

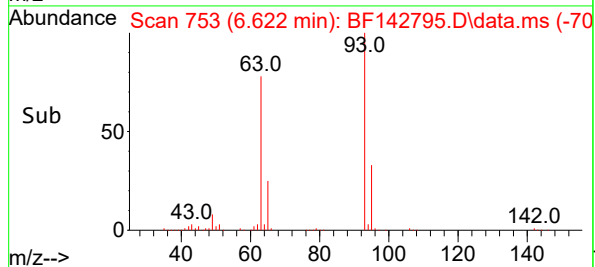
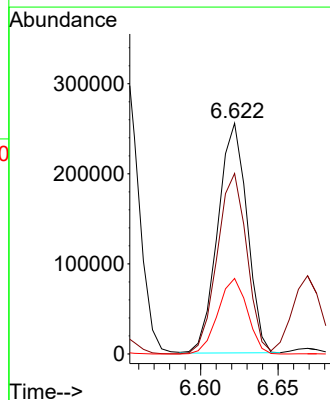
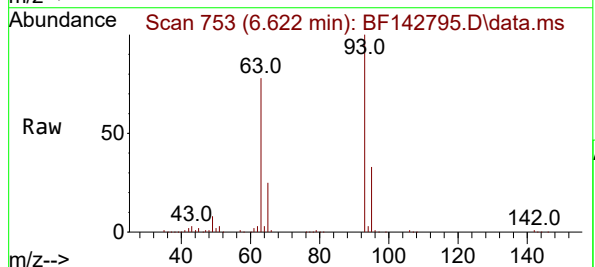
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

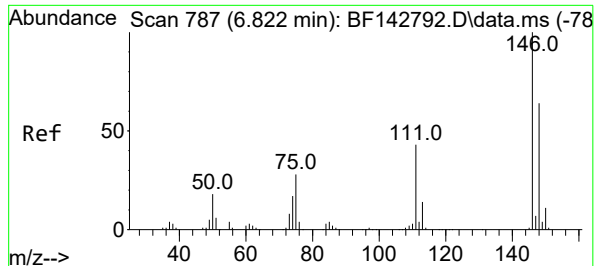
Tgt Ion: 94 Resp: 448139
Ion Ratio Lower Upper
94 100
65 37.7 11.3 51.3
66 57.8 24.9 64.9



#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

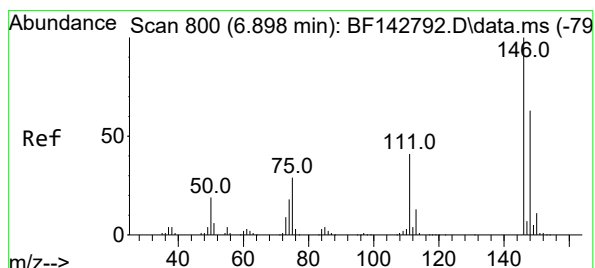
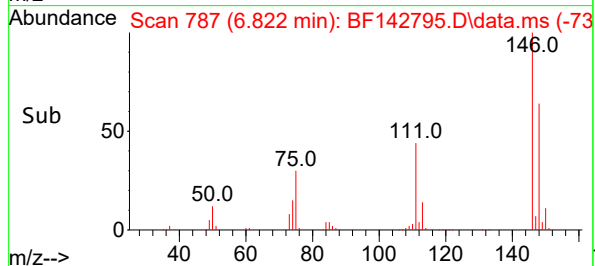
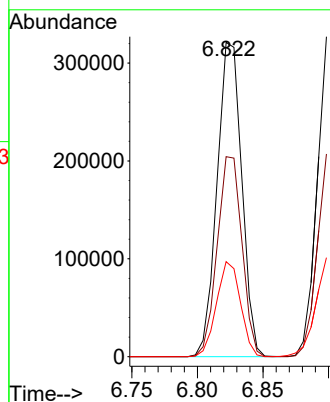
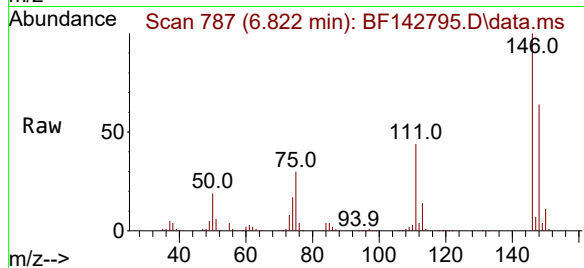
Tgt Ion:146 Resp: 420352

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

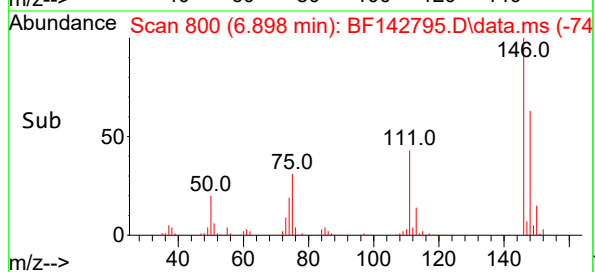
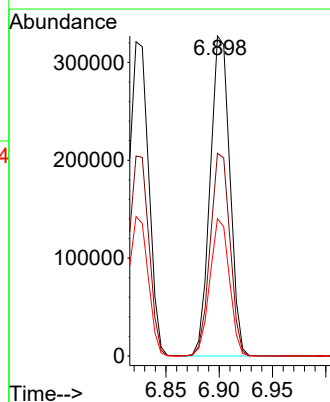
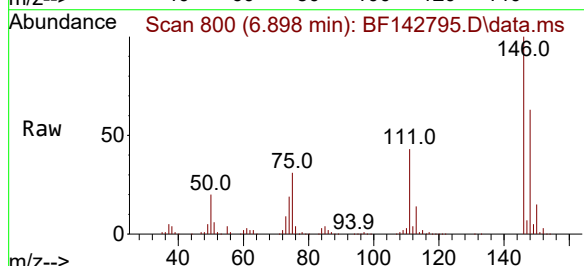
Tgt Ion:146 Resp: 419873

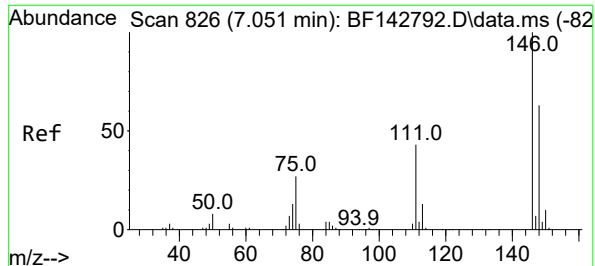
Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

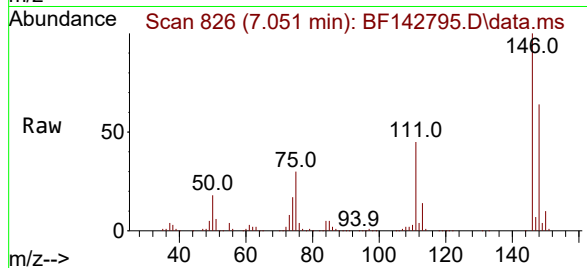
111 42.9 33.2 49.8



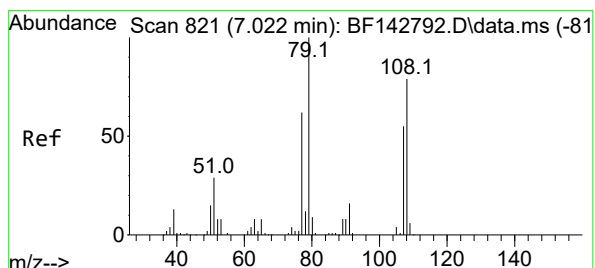
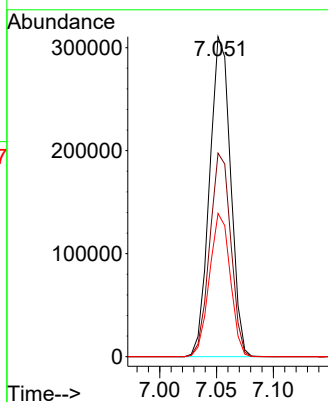
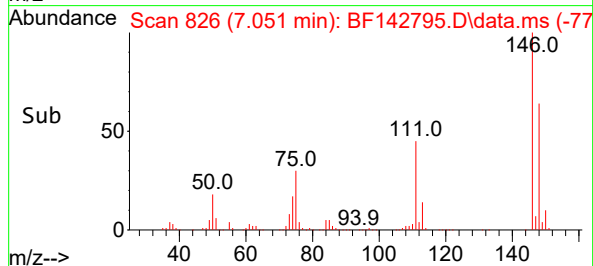


#14
1,2-Dichlorobenzene
Concen: 72.897 ng
RT: 7.051 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

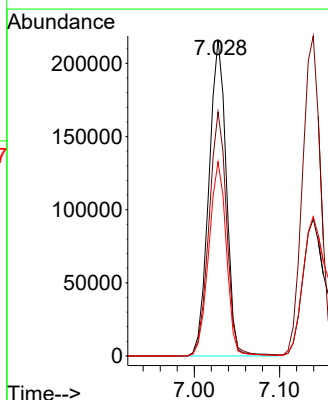
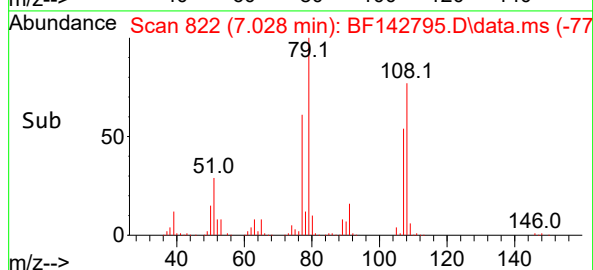
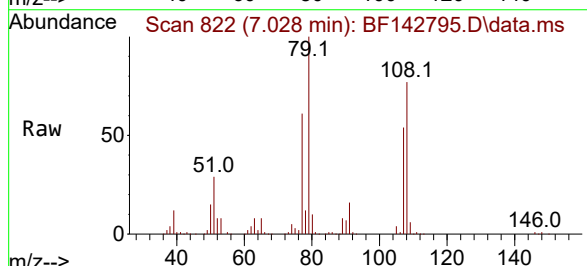


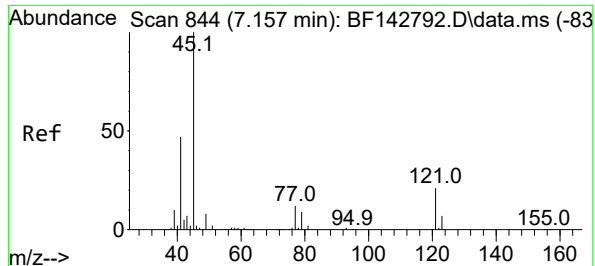
Tgt Ion:146 Resp: 400191
Ion Ratio Lower Upper
146 100
148 63.6 50.4 75.6
111 44.8 34.1 51.1



#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# 841

Delta R.T. 0.000 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

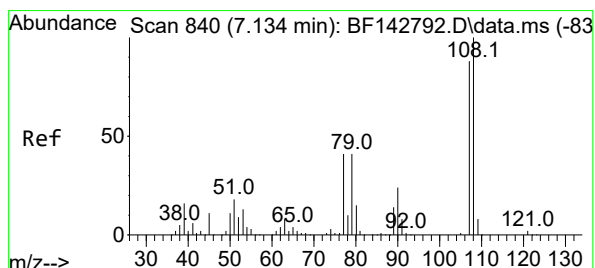
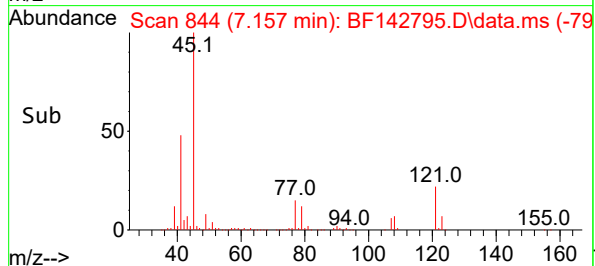
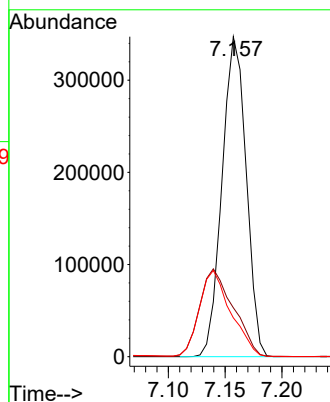
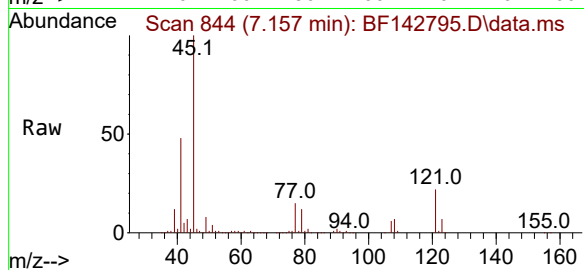
Tgt Ion: 45 Resp: 512514

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

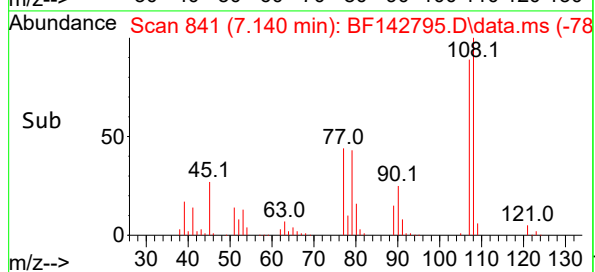
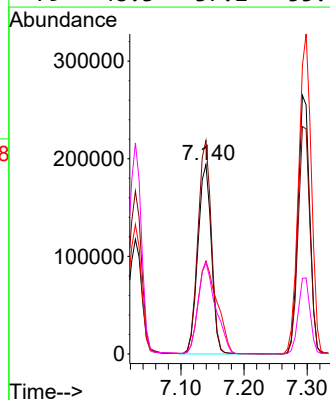
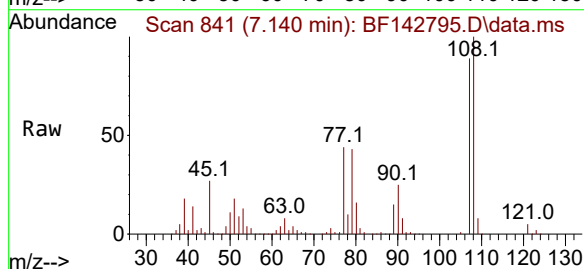
Ion Ratio Lower Upper

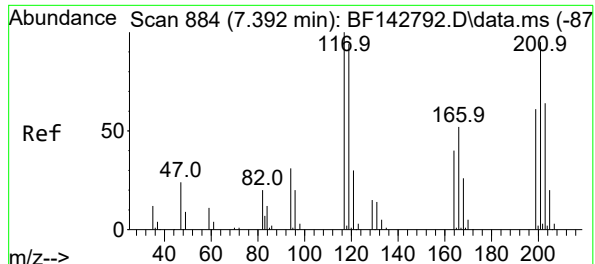
107 100

108 112.7 90.9 136.3

77 49.1 37.3 55.9

79 48.3 37.2 55.8

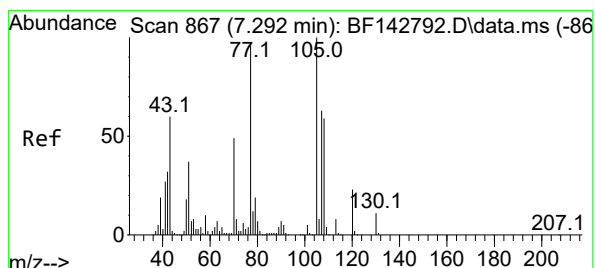
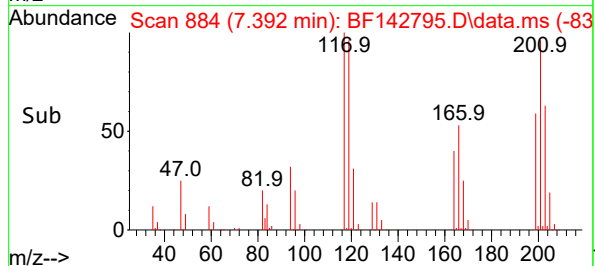
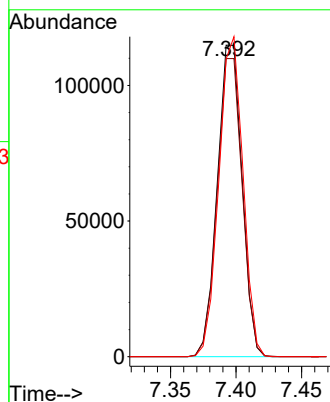
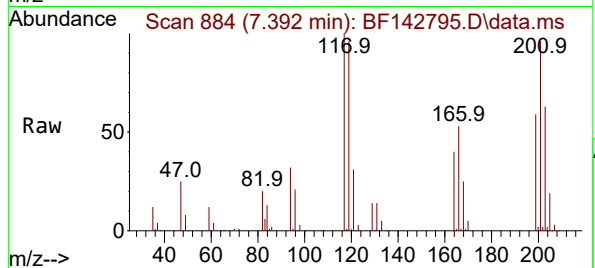




#18
Hexachloroethane
Concen: 73.550 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

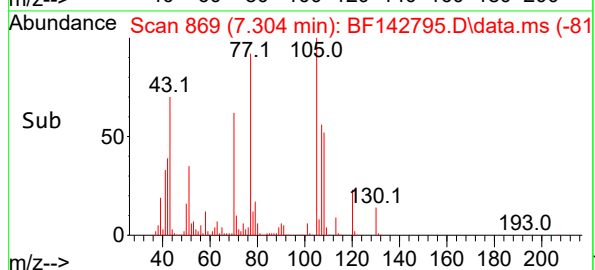
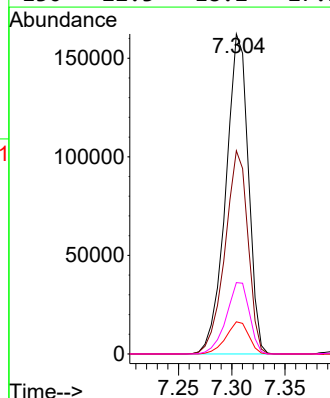
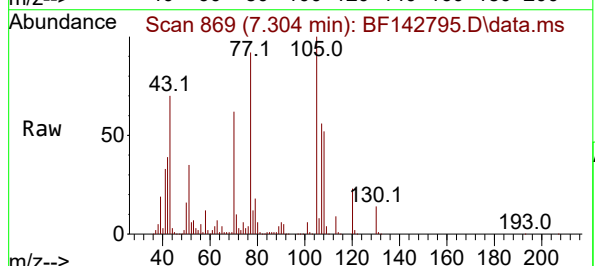
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

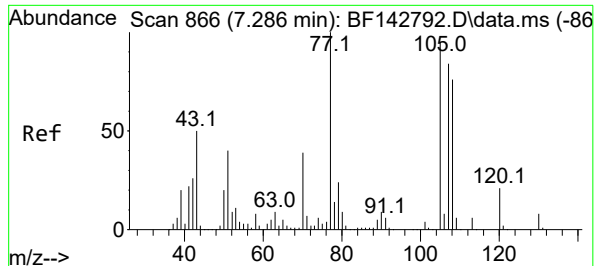
Tgt Ion:117 Resp: 150991
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.0
201 95.5 75.9 113.9



#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 :

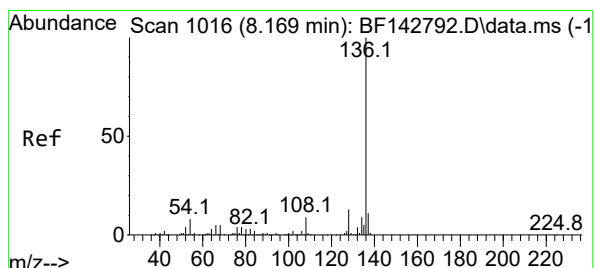
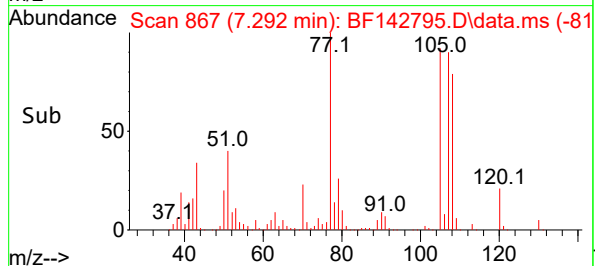
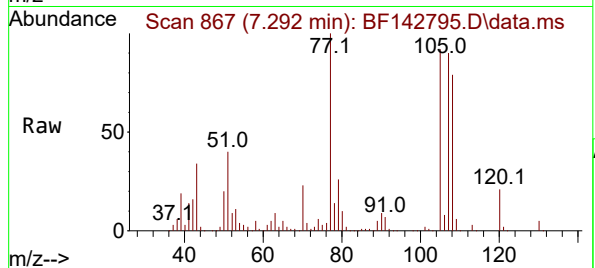
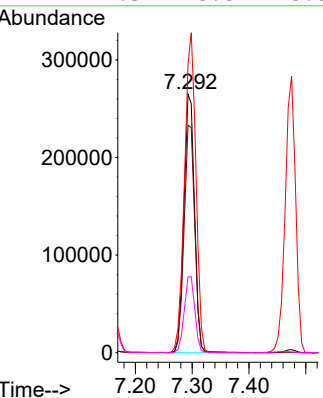
BNA_F

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

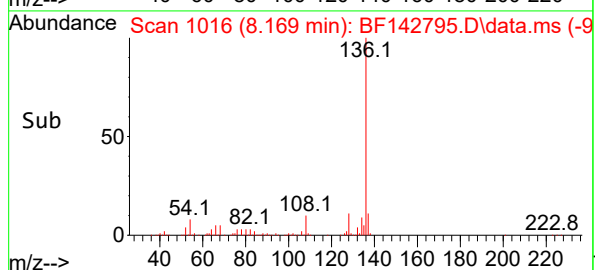
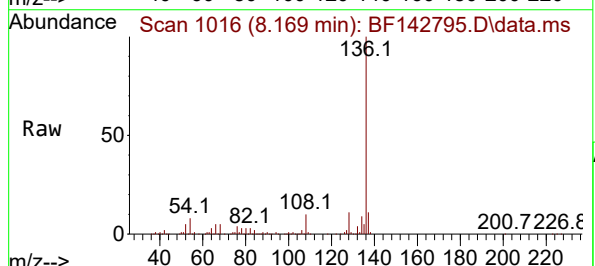
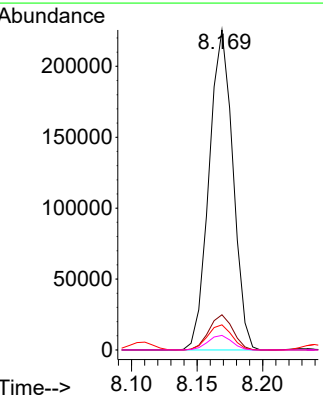
Delta R.T. 0.000 min

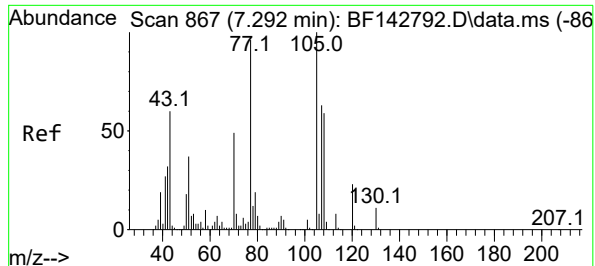
Lab File: BF142795.D

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

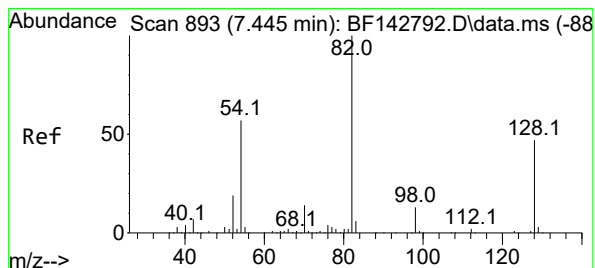
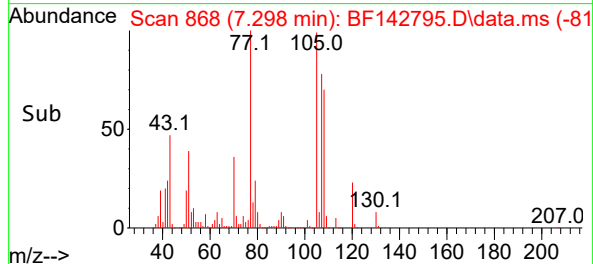
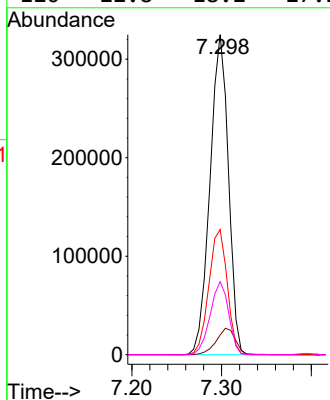
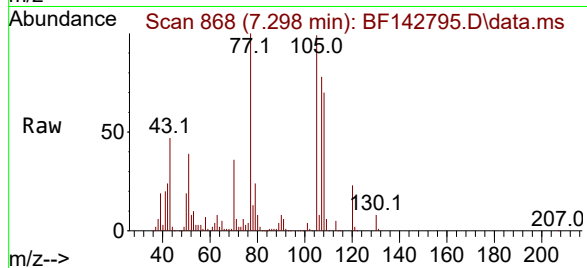




#22
Acetophenone
Concen: 73.349 ng
RT: 7.298 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

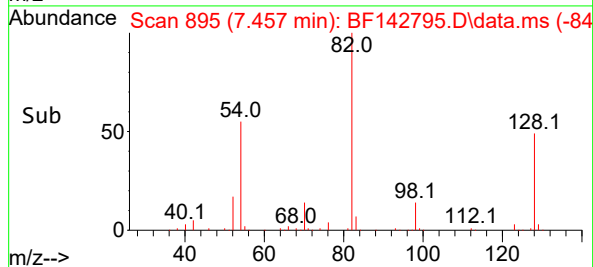
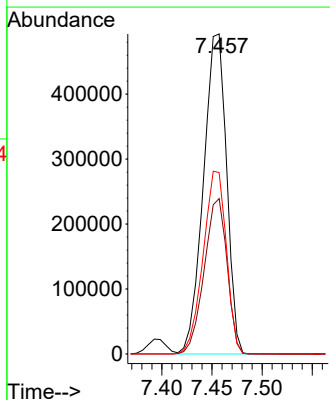
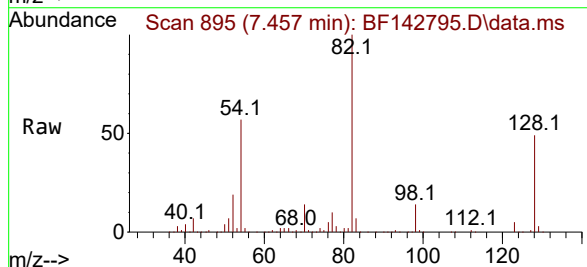
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

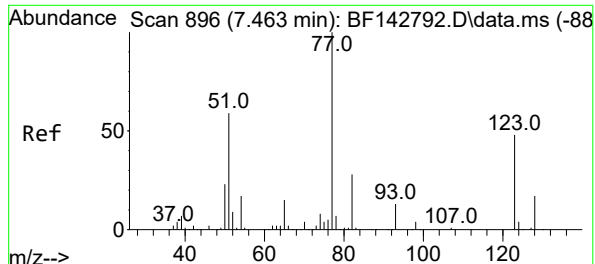
Tgt Ion:105 Resp: 463019
Ion Ratio Lower Upper
105 100
71 6.2 6.5 9.7#
51 39.1 29.8 44.8
120 22.8 18.2 27.2



#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

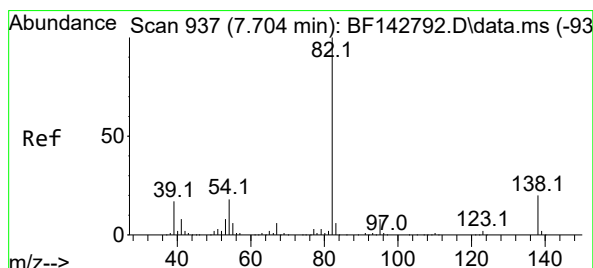
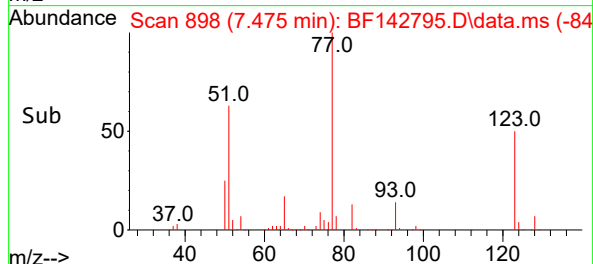
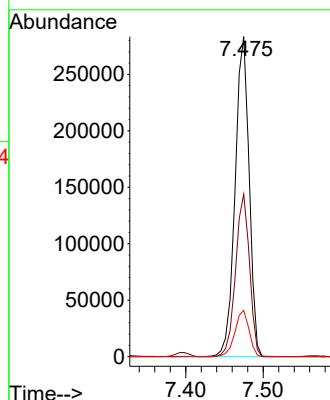
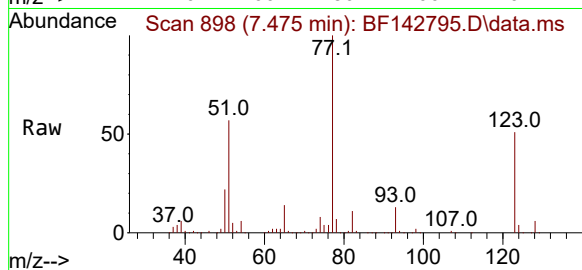
Tgt Ion: 77 Resp: 358834

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

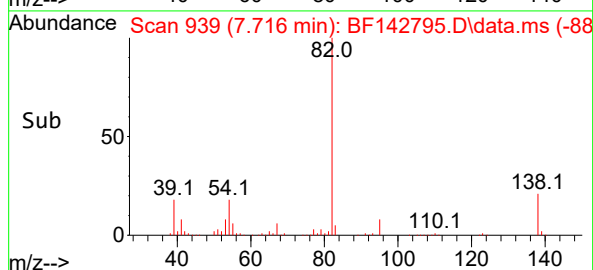
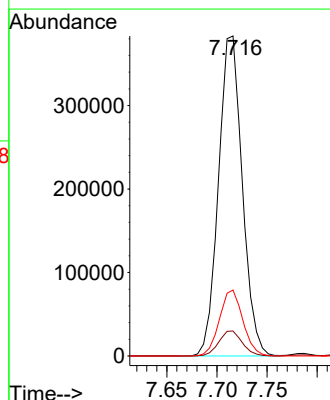
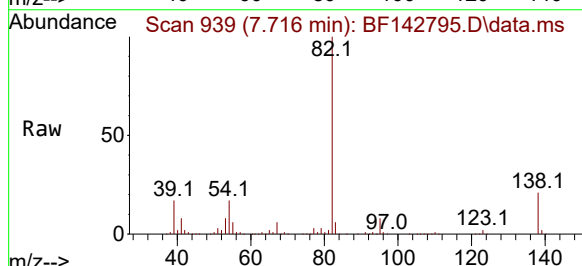
Tgt Ion: 82 Resp: 632390

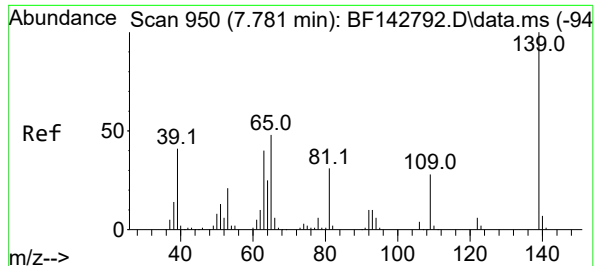
Ion Ratio Lower Upper

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

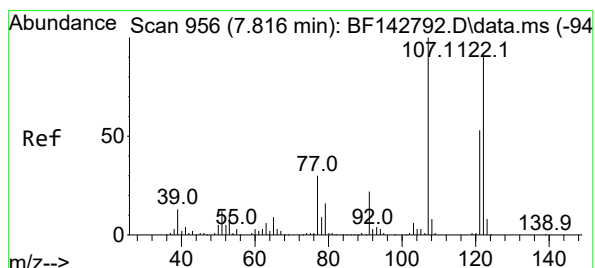
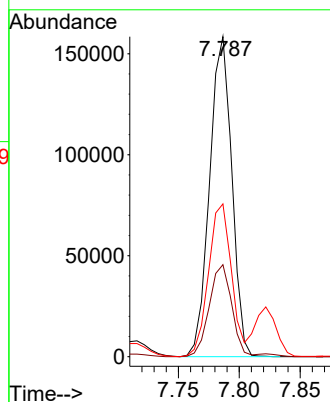
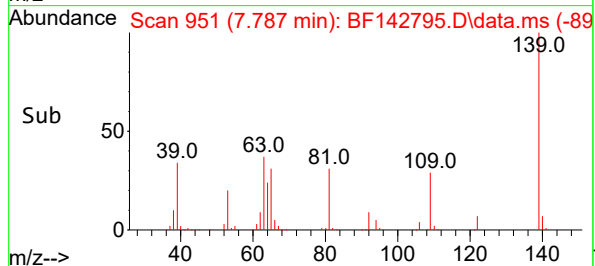
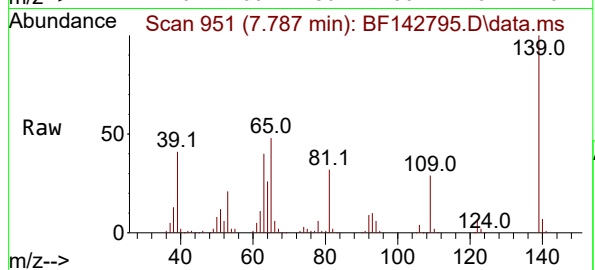
Tgt Ion:139 Resp: 201064

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

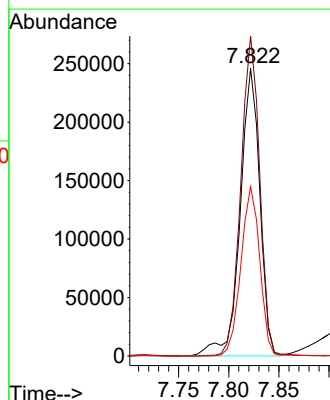
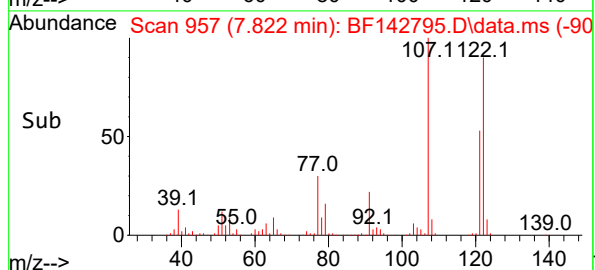
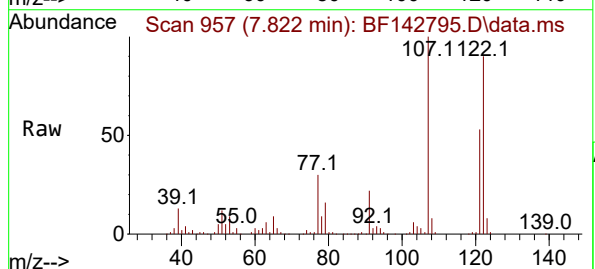
Tgt Ion:122 Resp: 335771

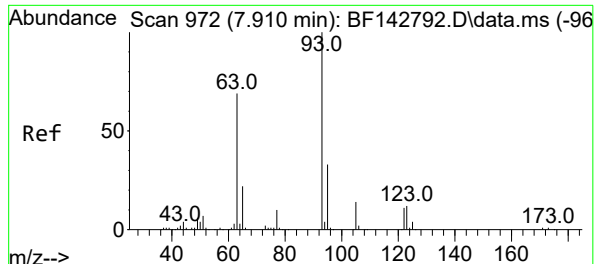
Ion Ratio Lower Upper

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 :

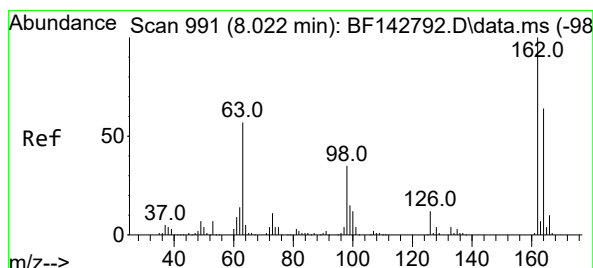
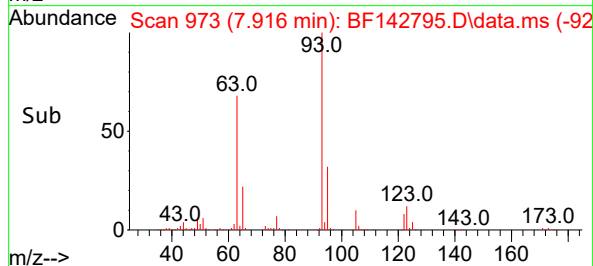
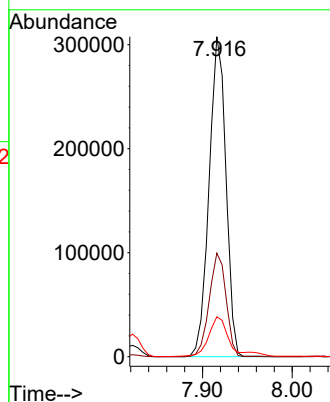
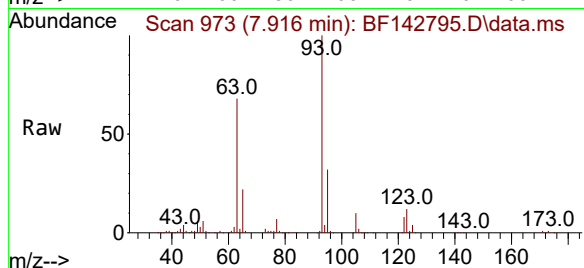
BNA_F

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

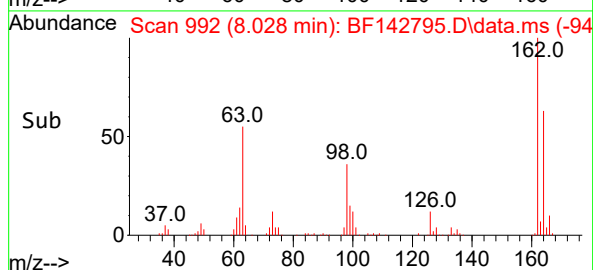
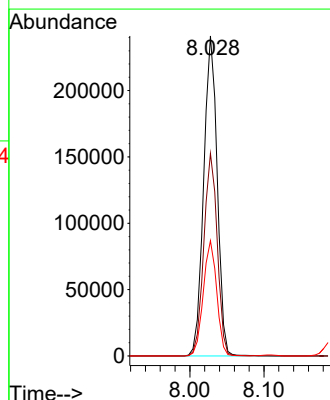
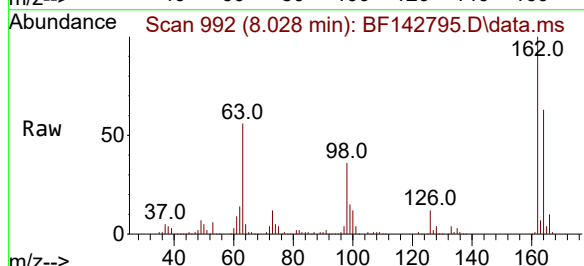
Delta R.T. 0.006 min

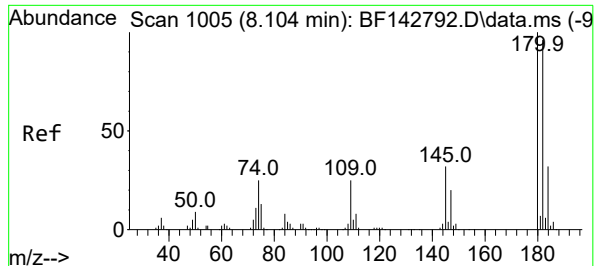
Lab File: BF142795.D

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

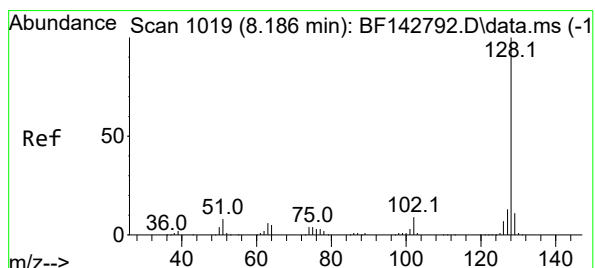
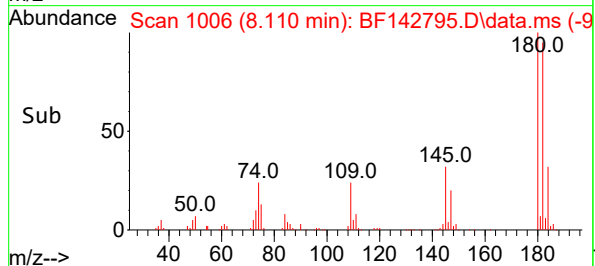
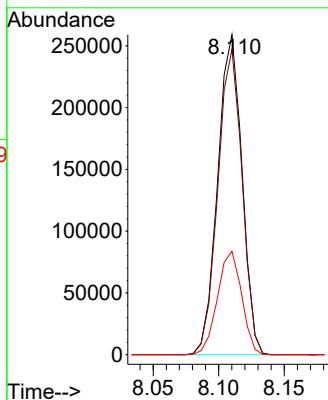
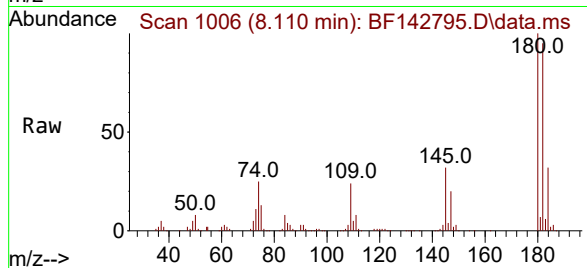
Tgt Ion:180 Resp: 332721

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

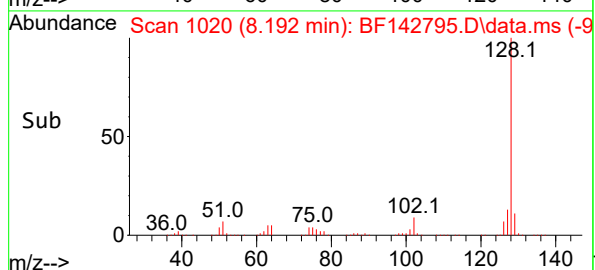
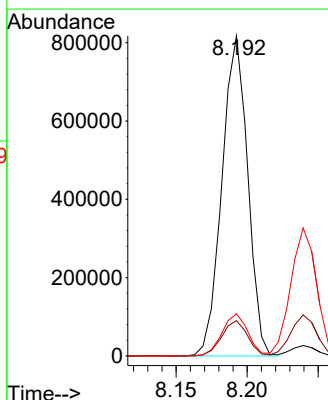
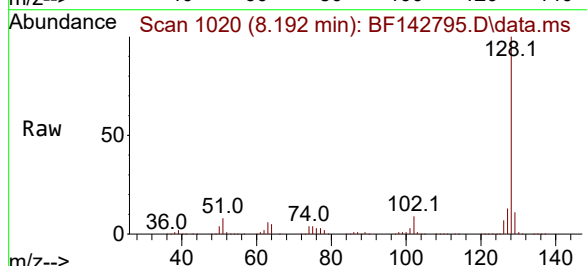
Tgt Ion:128 Resp: 1029082

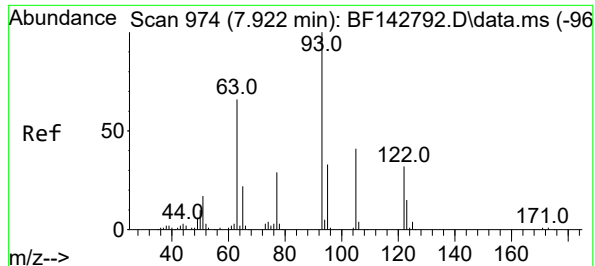
Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.4 15.6

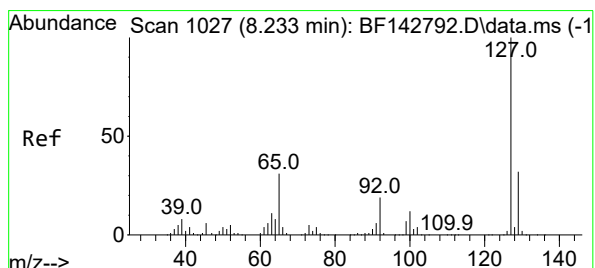
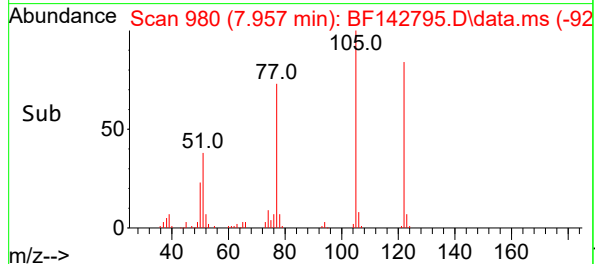
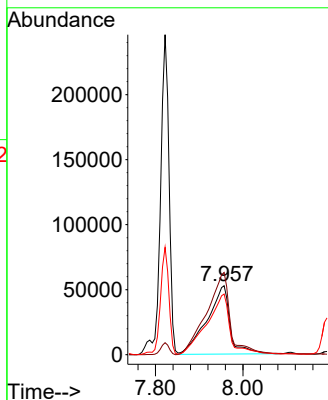
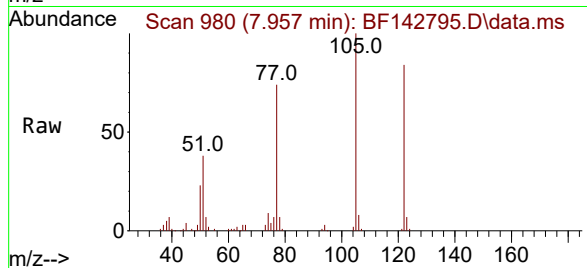




#32
Benzoic acid
Concen: 79.082 ng
RT: 7.957 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

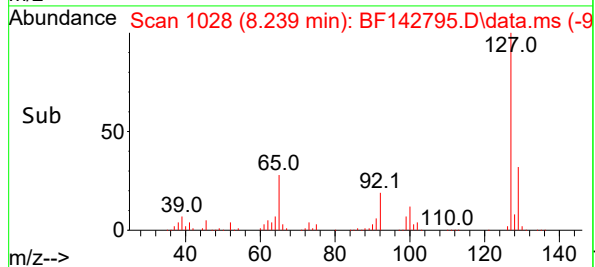
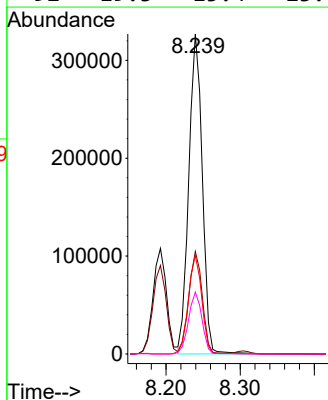
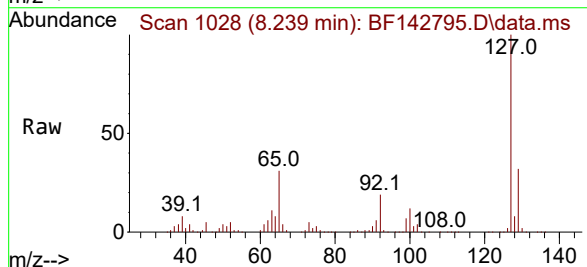
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

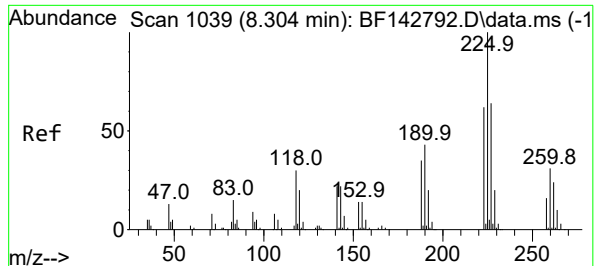
Tgt Ion:122 Resp: 192536
Ion Ratio Lower Upper
122 100
105 119.5 104.7 144.7
77 88.0 70.2 110.2



#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

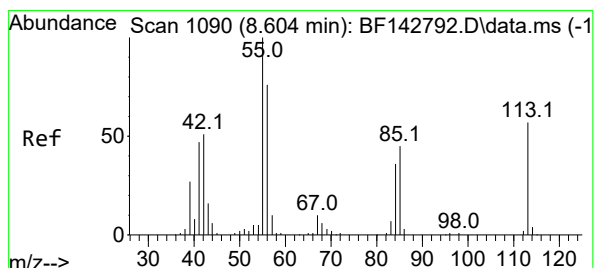
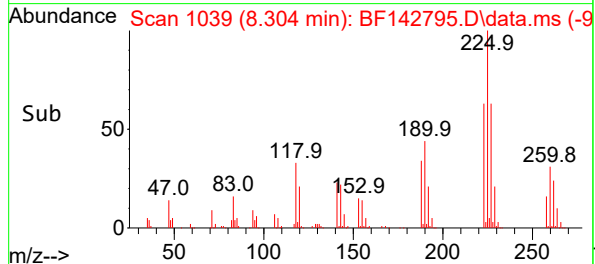
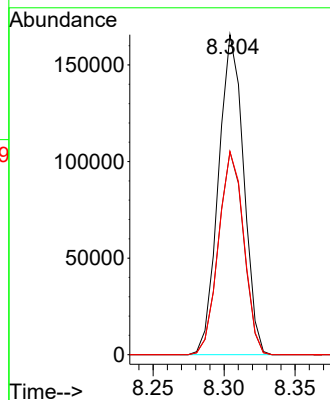
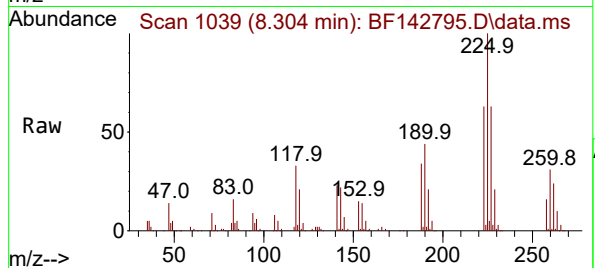




#34
Hexachlorobutadiene
Concen: 72.088 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

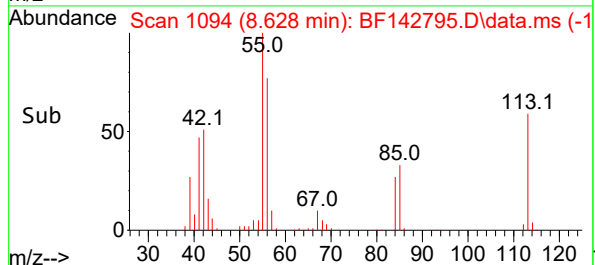
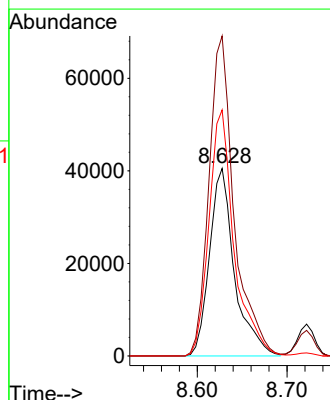
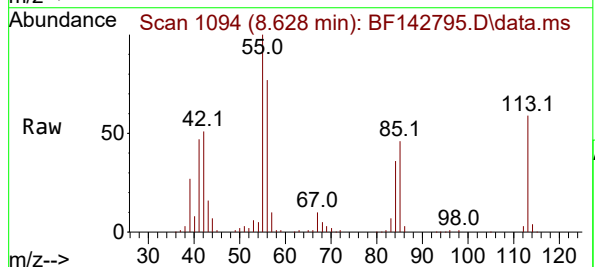
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

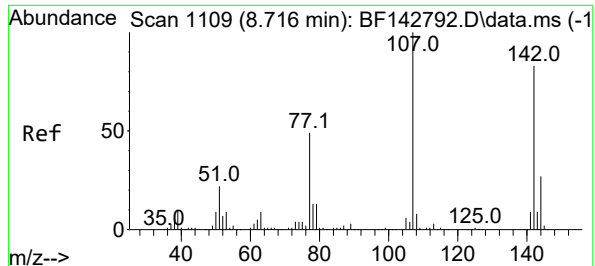
Tgt Ion:225 Resp: 204081
Ion Ratio Lower Upper
225 100
223 63.4 49.9 74.9
227 63.5 51.4 77.0



#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

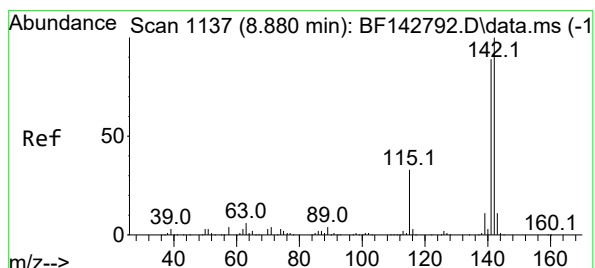
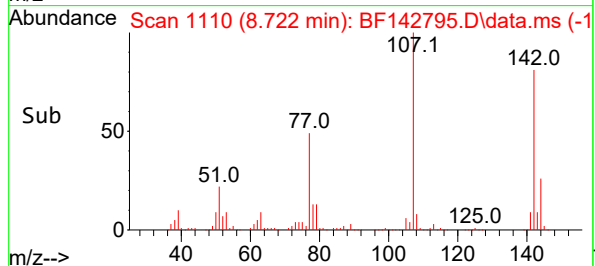
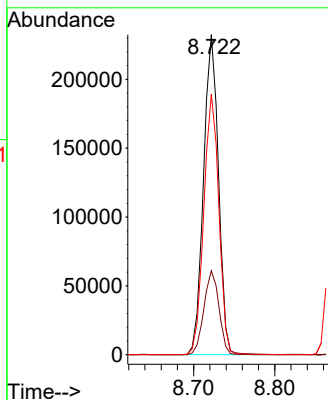
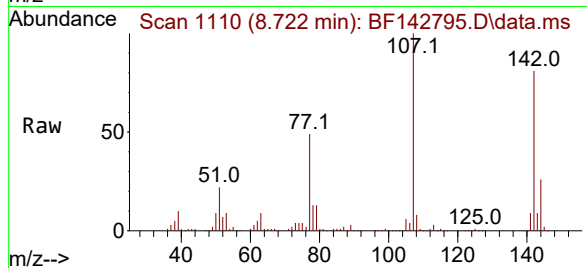
Tgt Ion:107 Resp: 296520

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

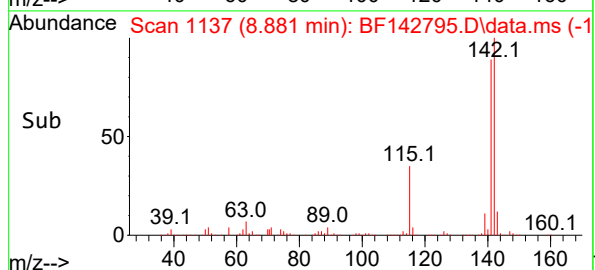
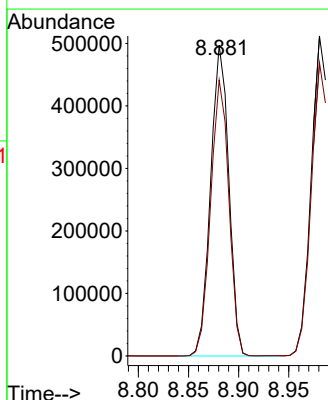
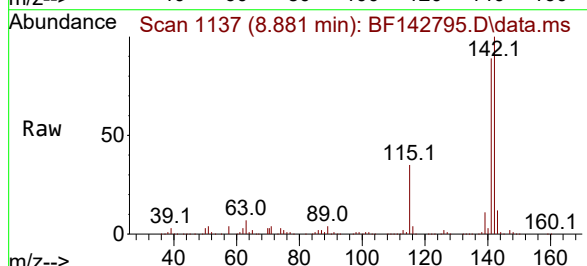
Acq: 19 Jun 2025 20:40

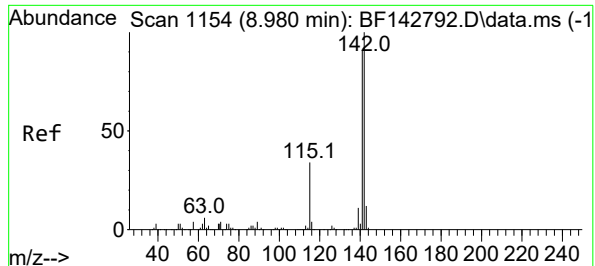
Tgt Ion:142 Resp: 627195

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 :

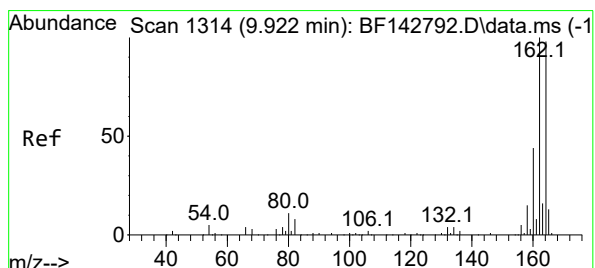
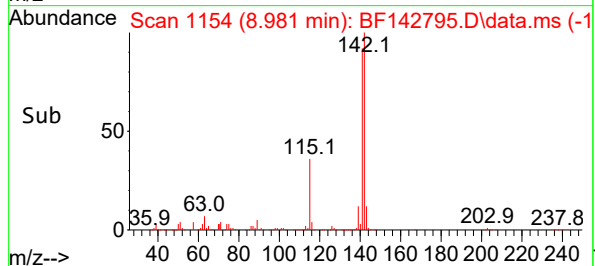
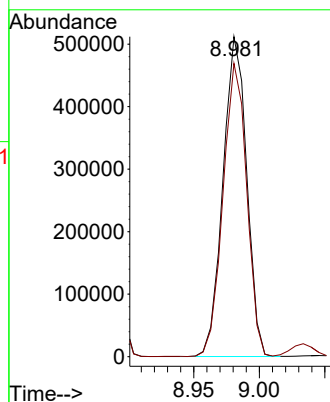
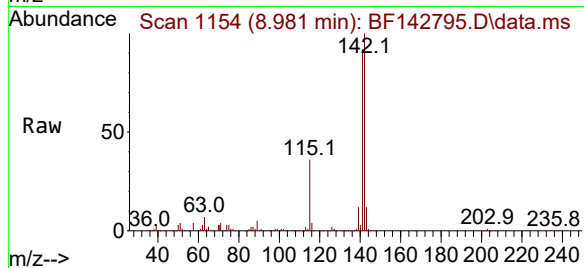
SSTDICC080

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

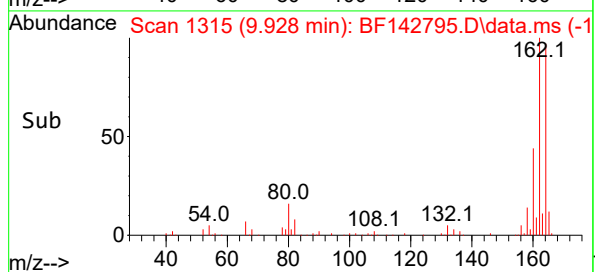
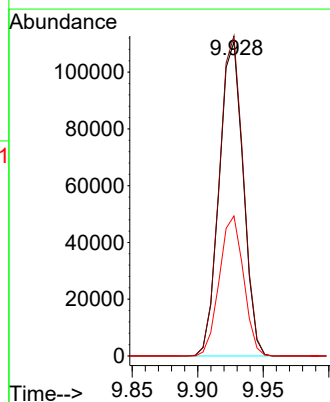
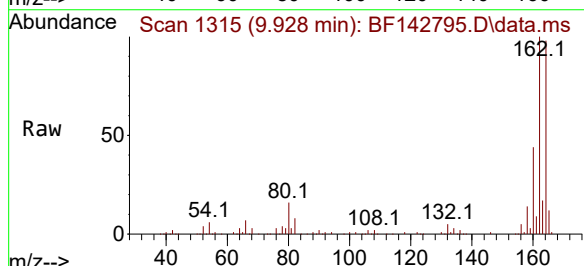
Tgt Ion:164 Resp: 140262

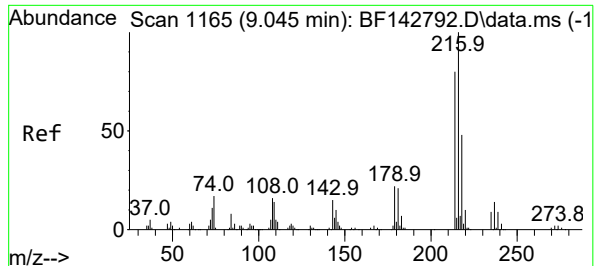
Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.8

160 44.6 36.0 54.0

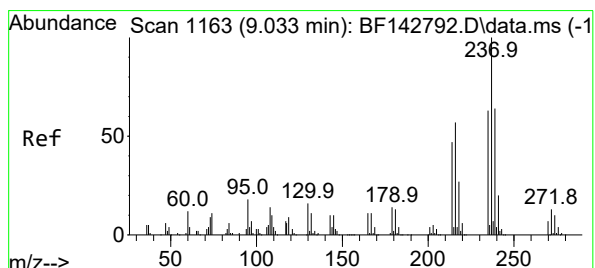
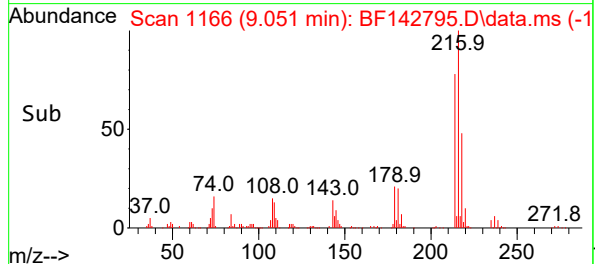
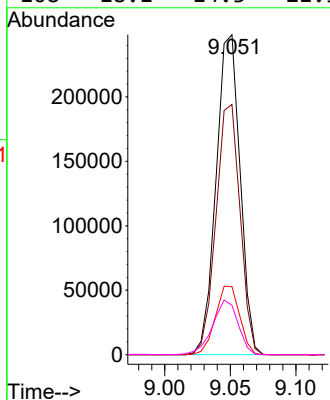
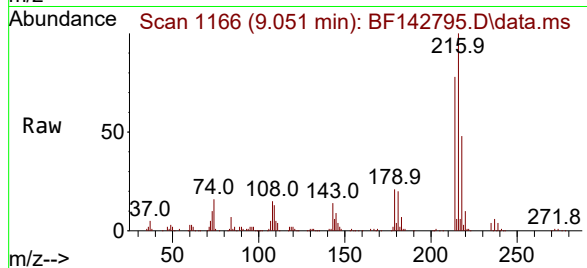




#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.028 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

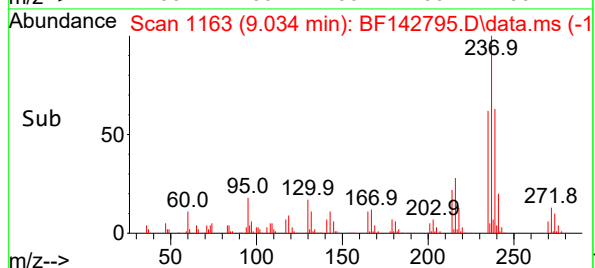
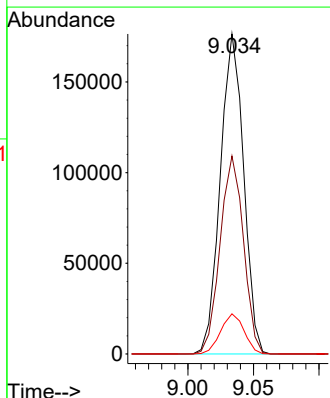
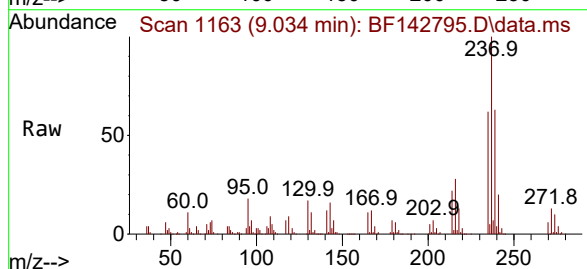
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

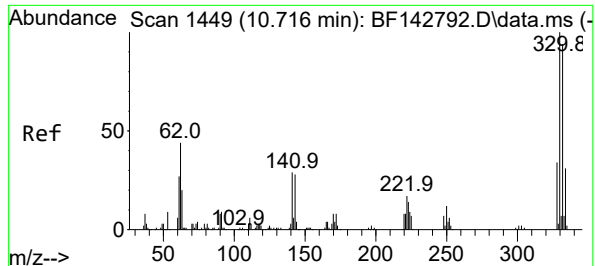
Tgt Ion:216 Resp: 315930
Ion Ratio Lower Upper
216 100
214 78.5 63.7 95.5
179 21.7 17.6 26.4
108 18.1 14.3 21.5



#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

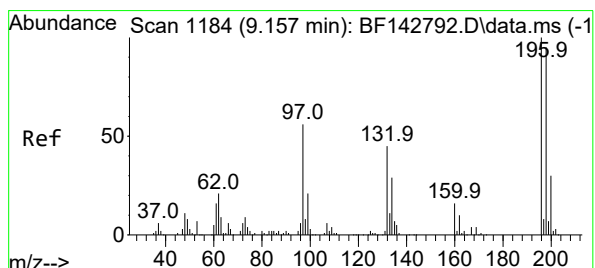
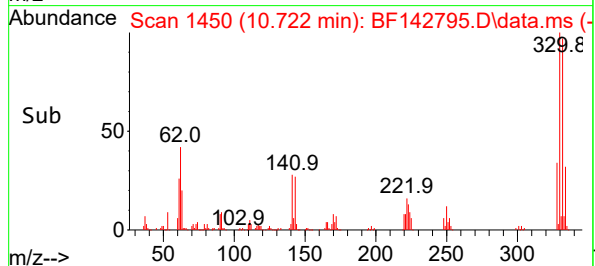
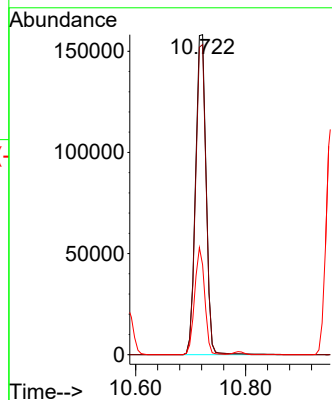
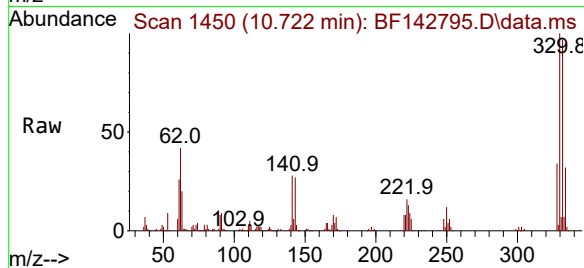
Tgt Ion:330 Resp: 210092

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

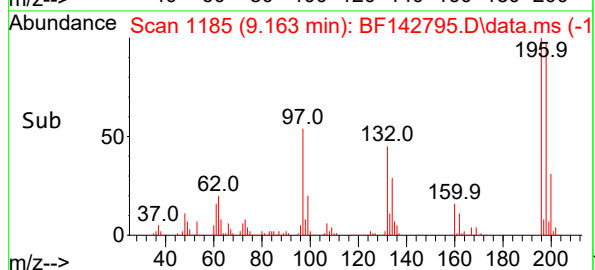
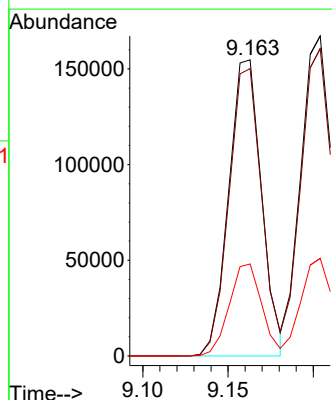
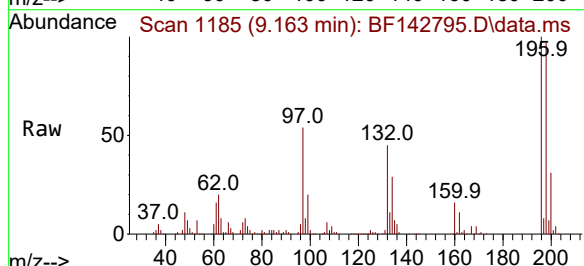
Tgt Ion:196 Resp: 207984

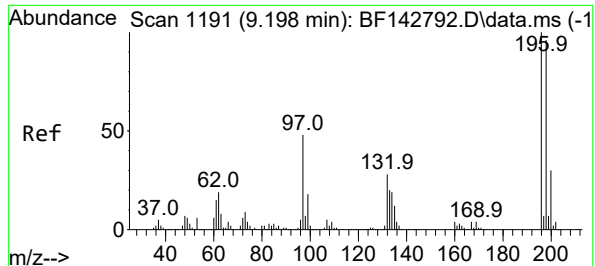
Ion Ratio Lower Upper

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

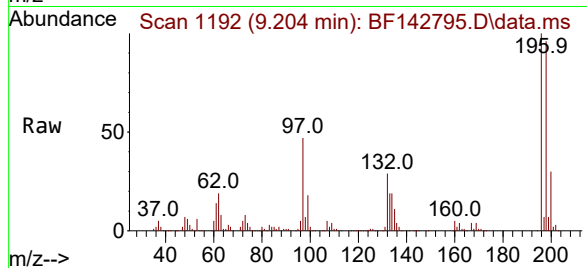
Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 217860

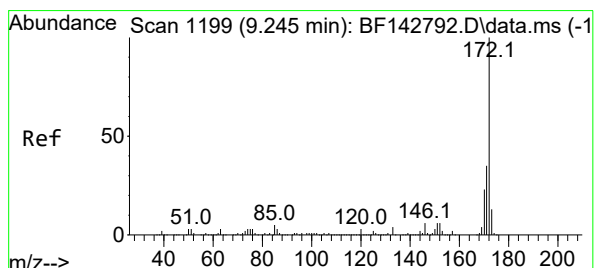
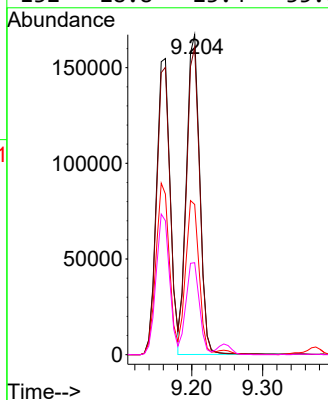
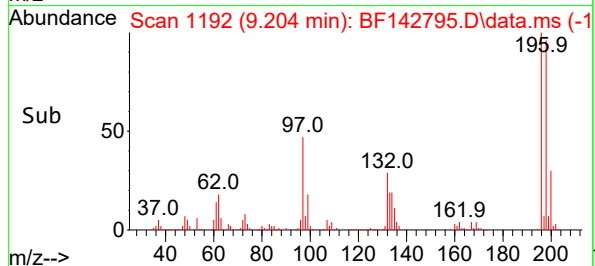
Ion Ratio Lower Upper

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

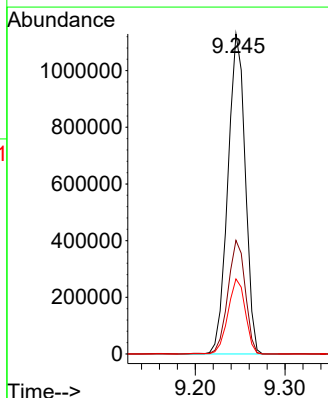
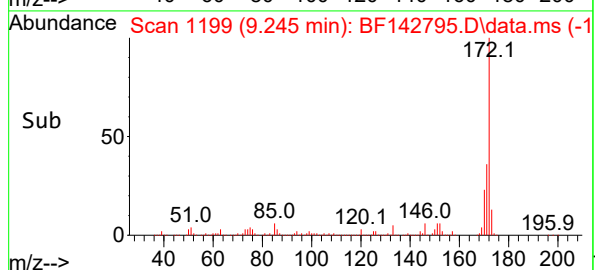
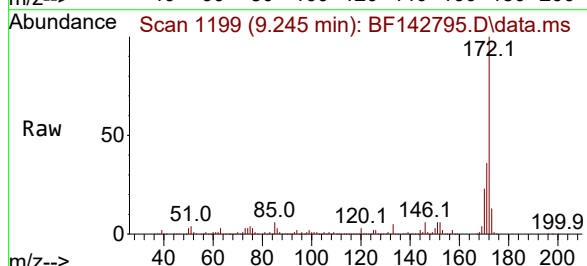
Tgt Ion:172 Resp: 1515847

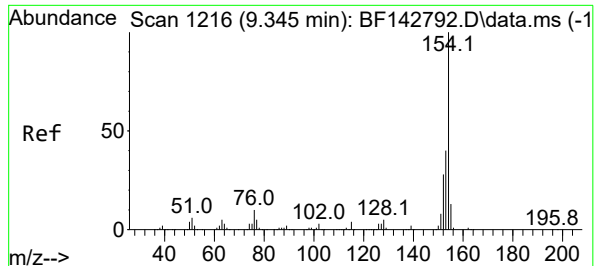
Ion Ratio Lower Upper

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

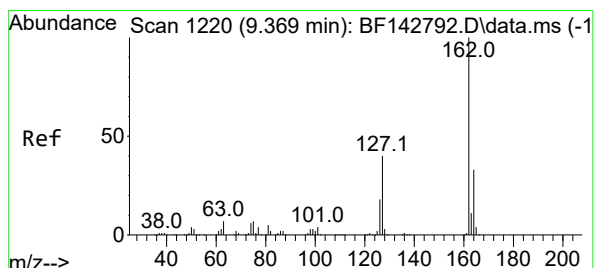
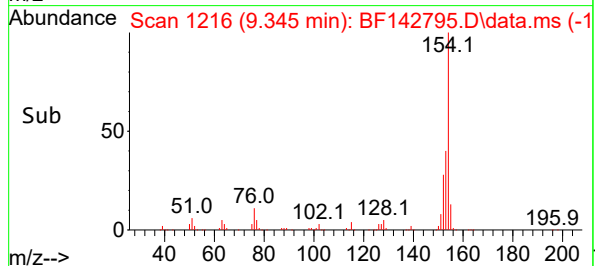
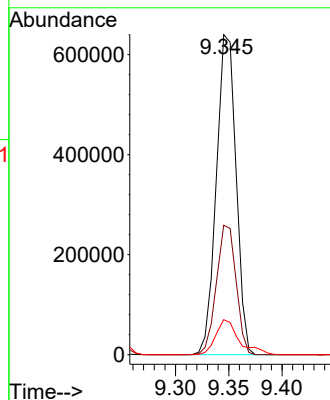
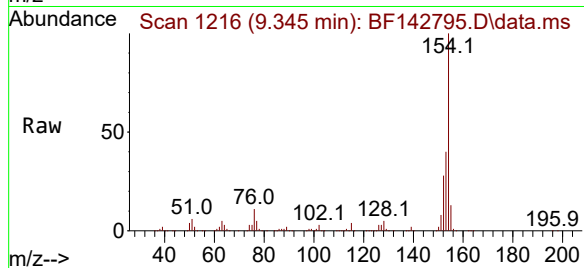
Tgt Ion:154 Resp: 822529

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

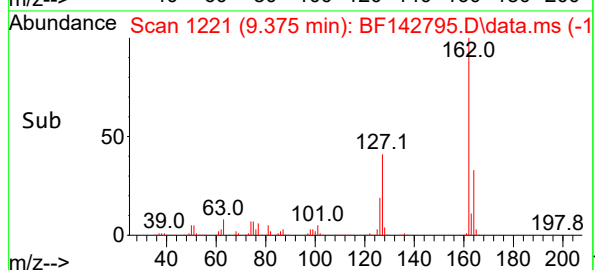
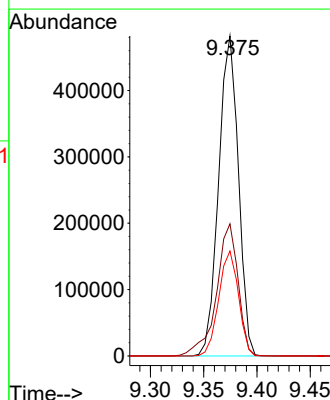
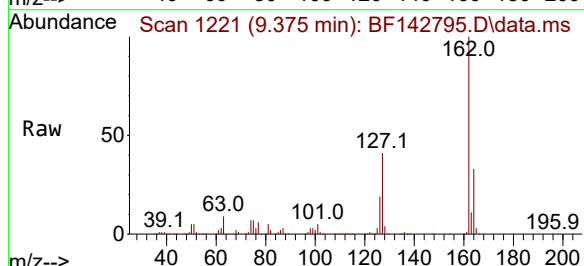
Tgt Ion:162 Resp: 620399

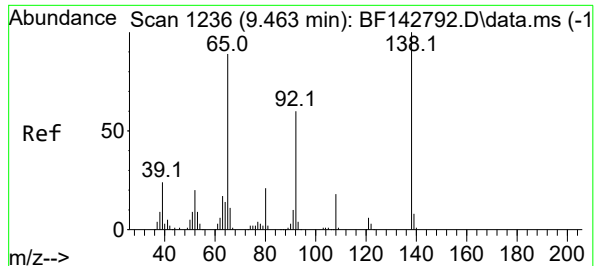
Ion Ratio Lower Upper

162 100

127 41.3 32.2 48.2

164 32.8 26.1 39.1

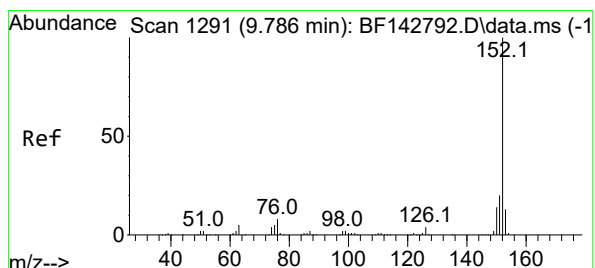
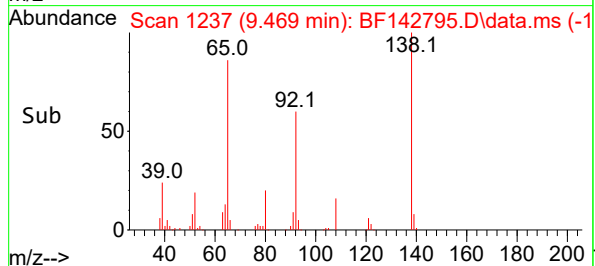
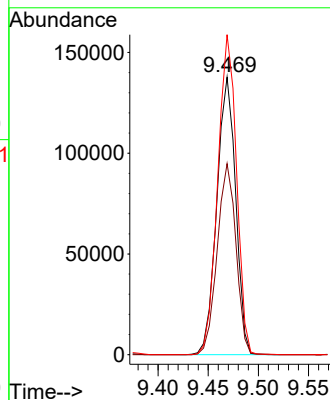
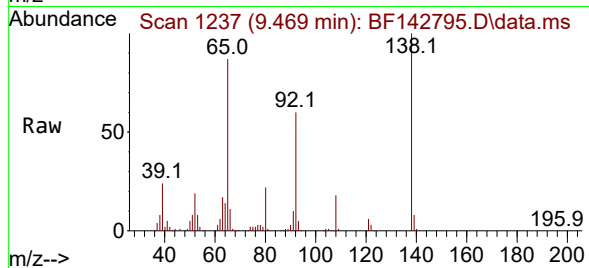




#48
2-Nitroaniline
Concen: 78.716 ng
RT: 9.469 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

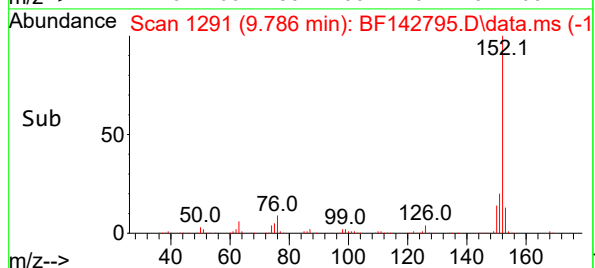
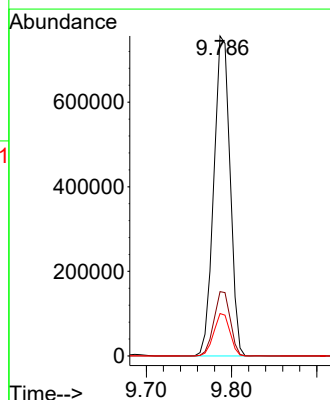
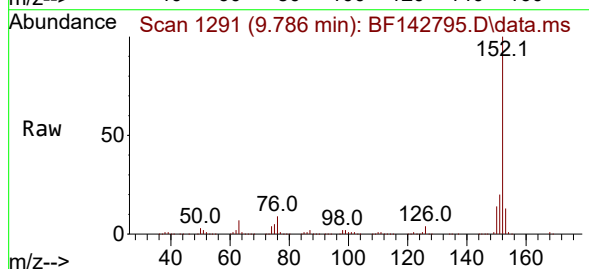
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

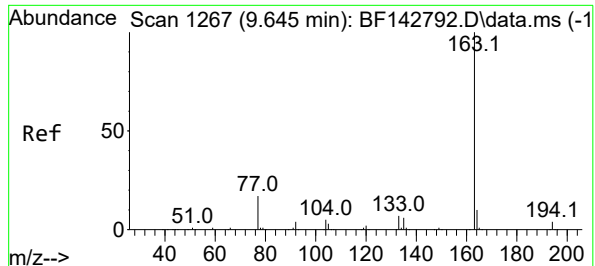
Tgt Ion: 65 Resp: 179718
Ion Ratio Lower Upper
65 100
92 68.8 53.8 80.6
138 115.3 89.6 134.4



#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

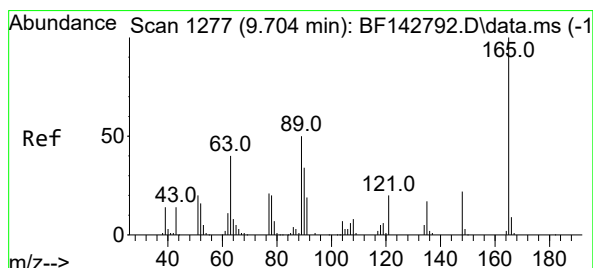
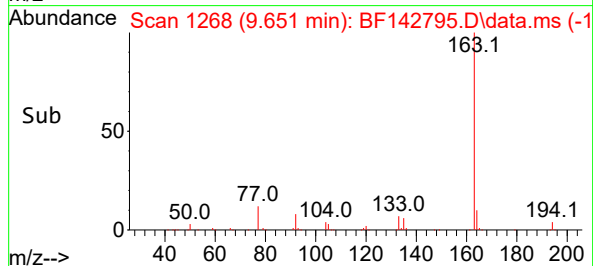
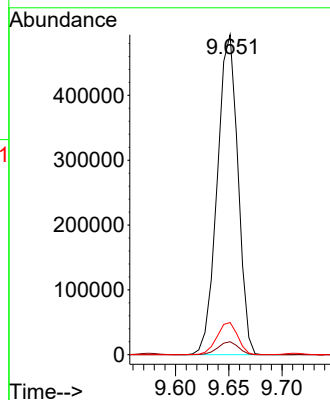
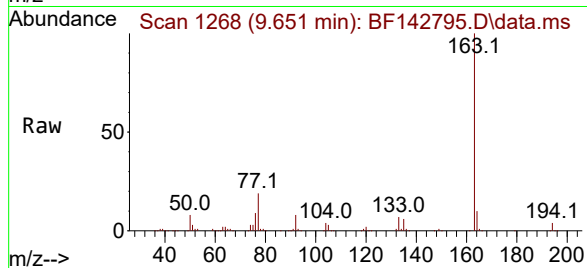
Tgt Ion:163 Resp: 665322

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

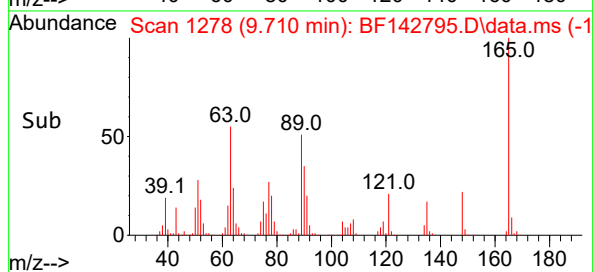
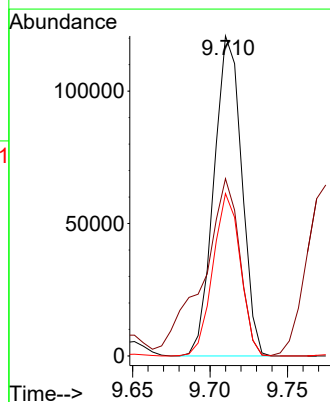
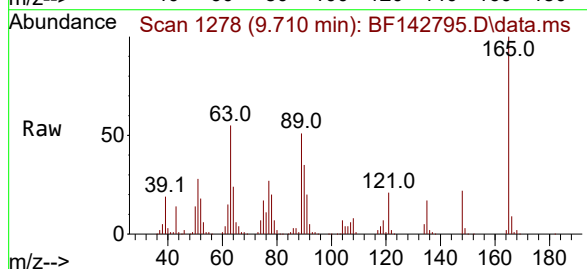
Tgt Ion:165 Resp: 150567

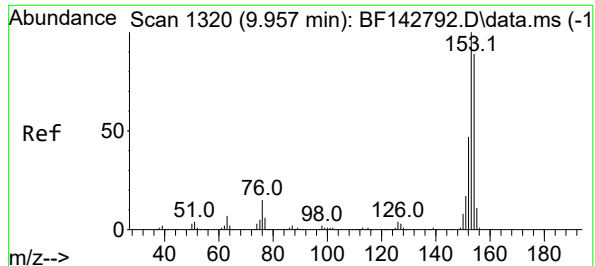
Ion Ratio Lower Upper

165 100

63 55.4 44.2 66.4

89 50.8 39.8 59.8

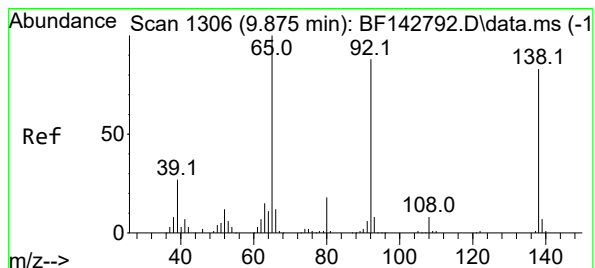
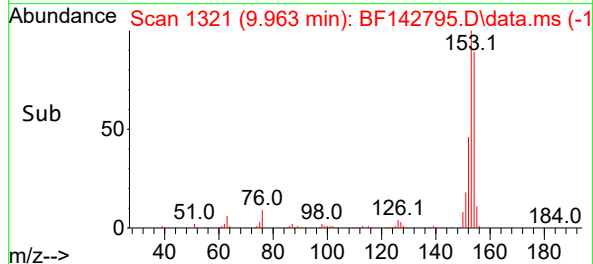
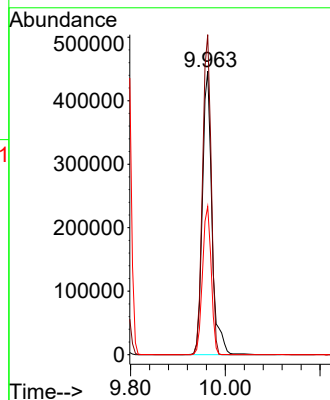
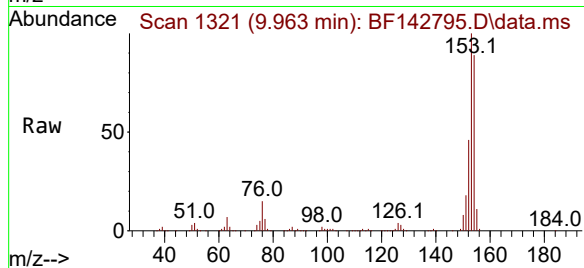




#52
Acenaphthene
Concen: 74.322 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

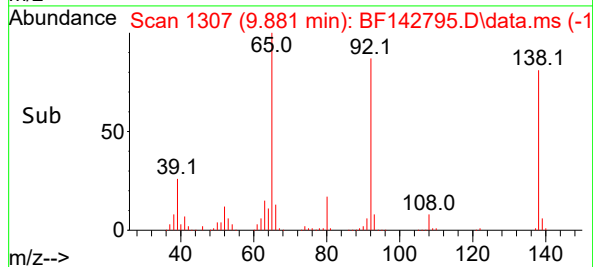
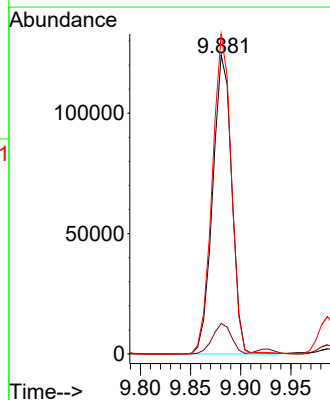
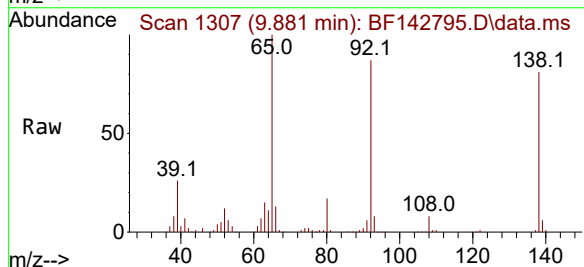
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

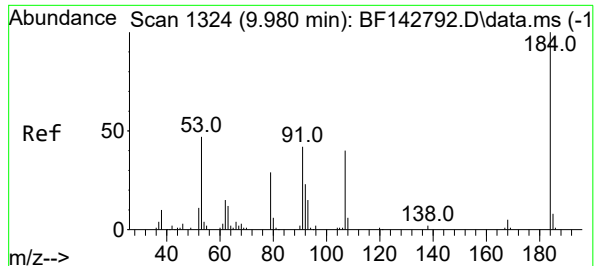
Tgt Ion:154 Resp: 621336
Ion Ratio Lower Upper
154 100
153 112.9 90.0 135.0
152 52.3 41.9 62.9



#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

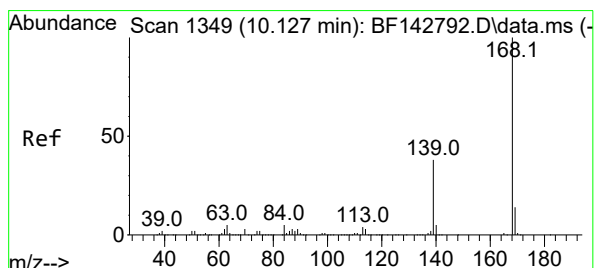
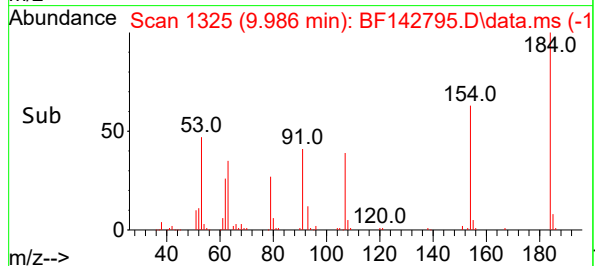
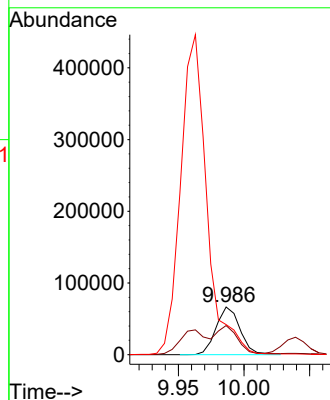
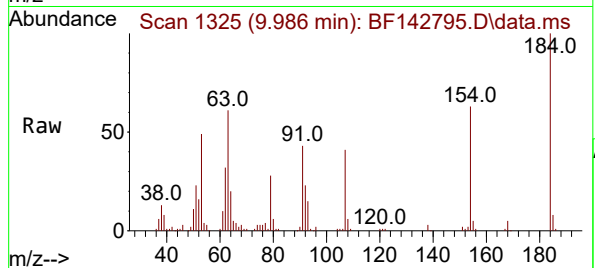
Tgt Ion:184 Resp: 85185

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

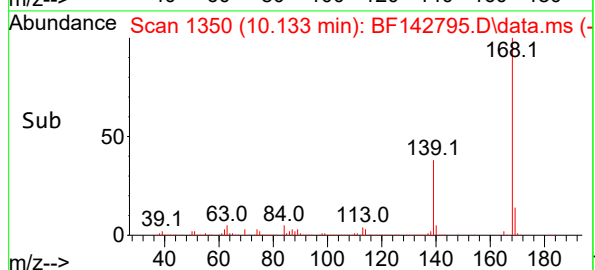
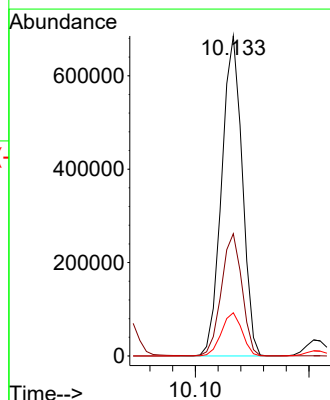
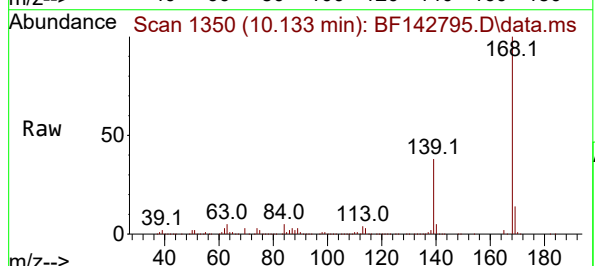
Tgt Ion:168 Resp: 862110

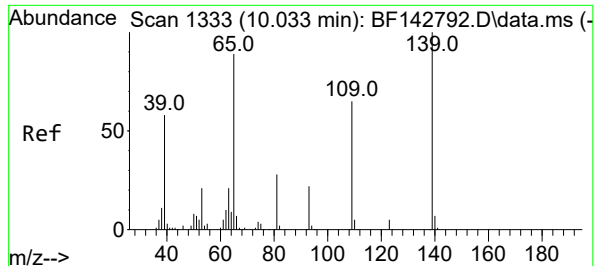
Ion Ratio Lower Upper

168 100

139 38.2 30.2 45.4

169 13.5 10.8 16.2

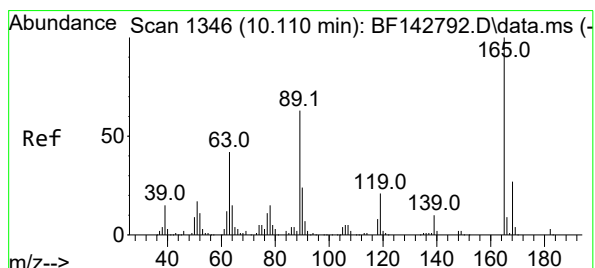
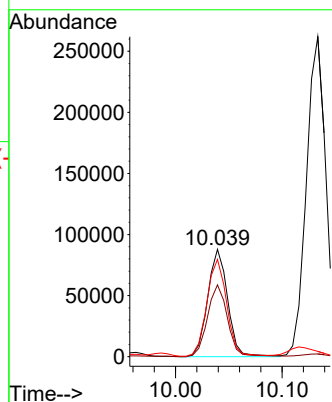
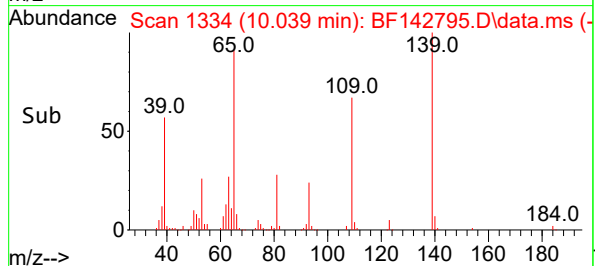
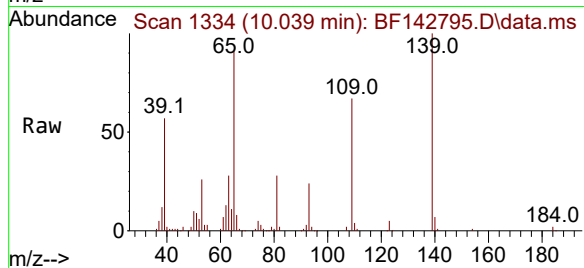




#56
4-Nitrophenol
Concen: 76.771 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

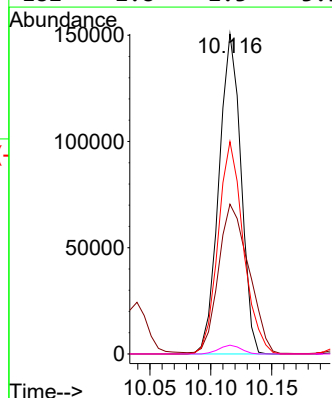
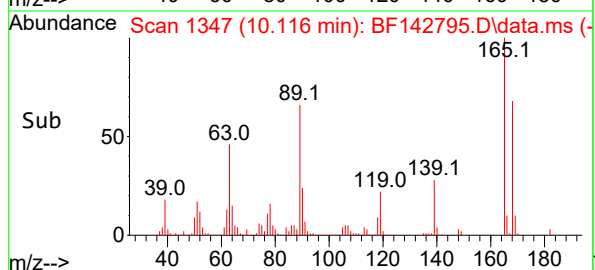
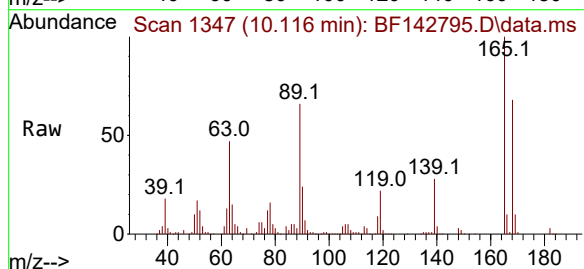
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

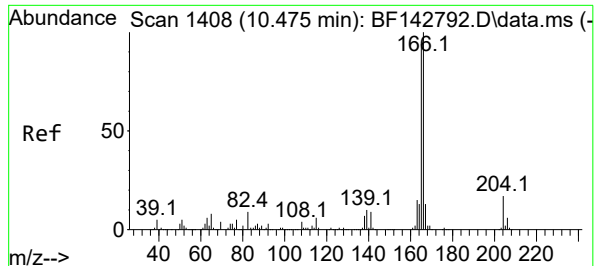
Tgt Ion:139 Resp: 114163
Ion Ratio Lower Upper
139 100
109 67.0 44.7 84.7
65 90.7 69.8 109.8



#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

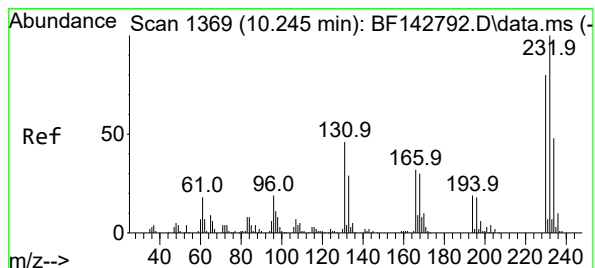
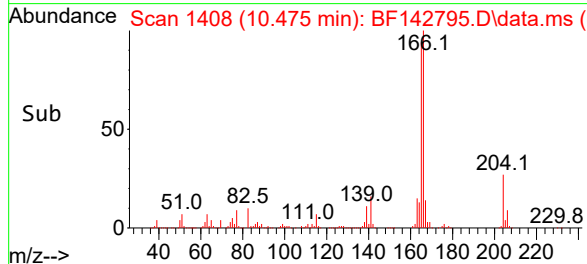
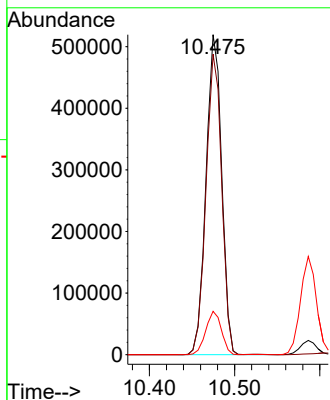
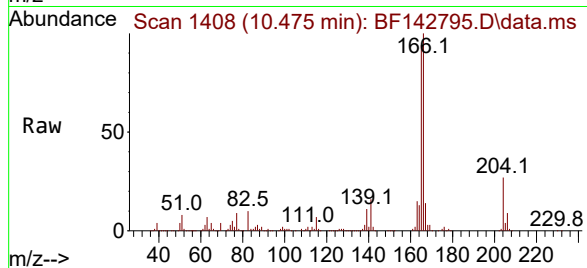




#58
Fluorene
Concen: 70.475 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

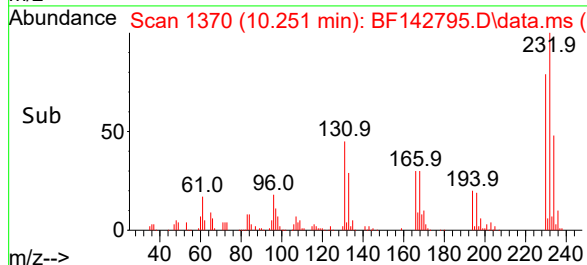
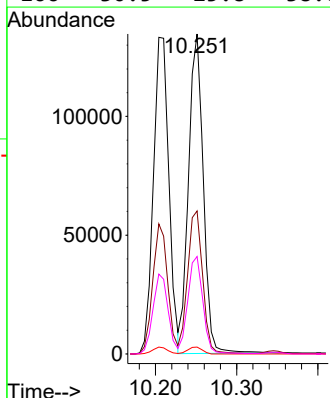
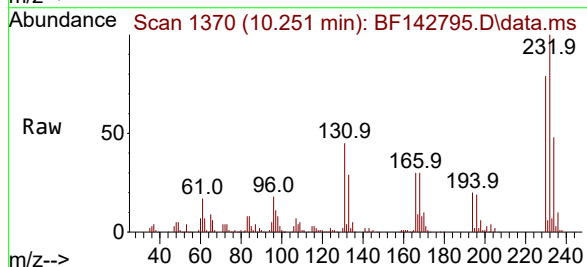
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

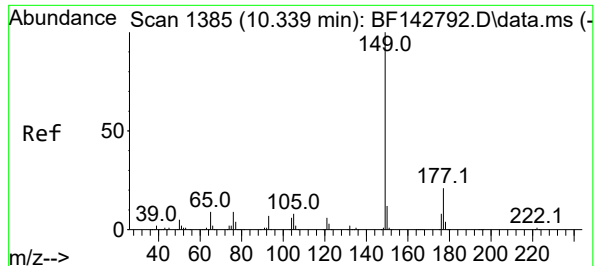
Tgt Ion:	166	Resp:	663463
Ion Ratio	Lower	Upper	
166	100		
165	93.9	75.2	112.8
167	13.5	10.6	15.8



#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

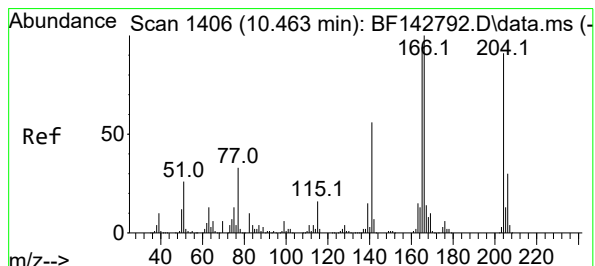
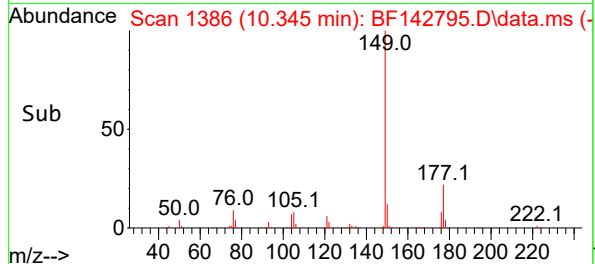
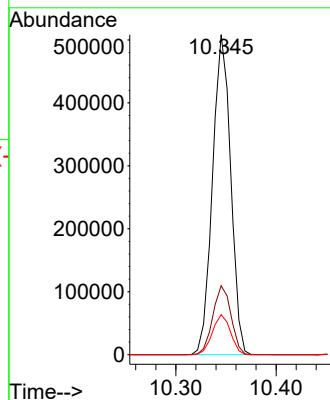
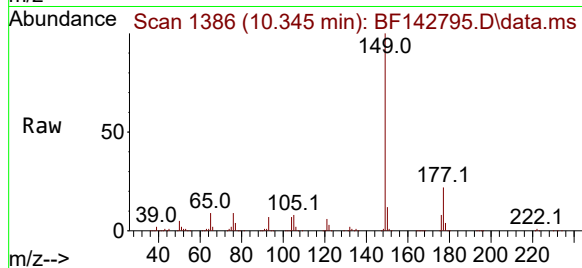




#60
Diethylphthalate
Concen: 69.265 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

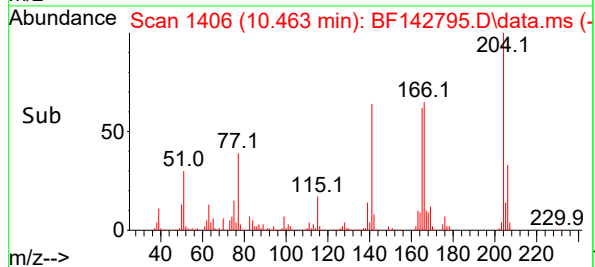
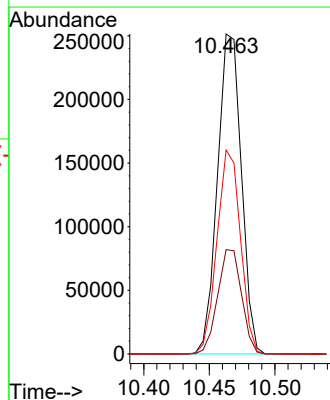
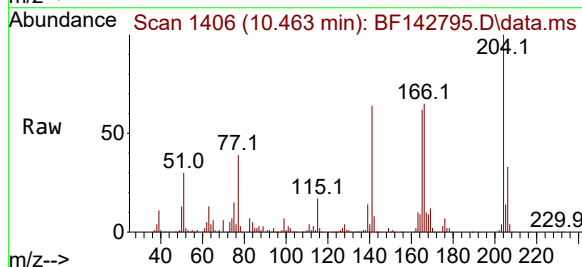
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

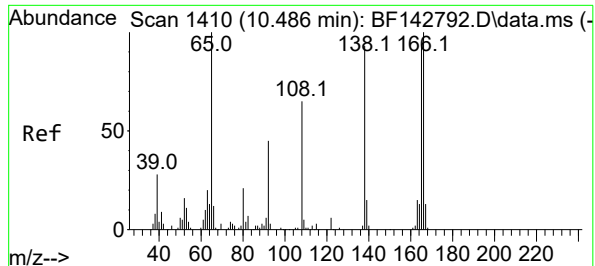
Tgt Ion:149 Resp: 640148
Ion Ratio Lower Upper
149 100
177 21.6 17.0 25.6
150 12.5 9.8 14.6



#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

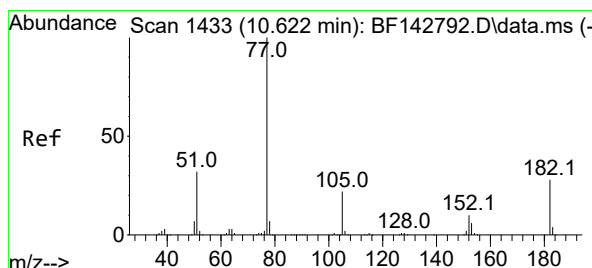
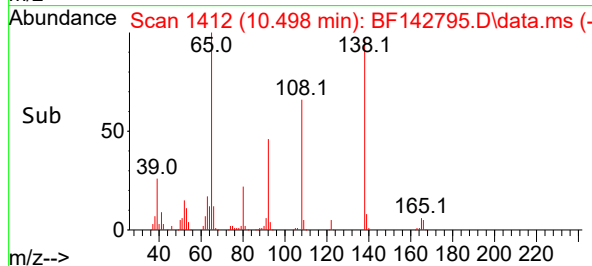
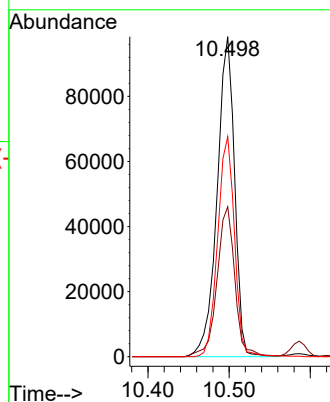
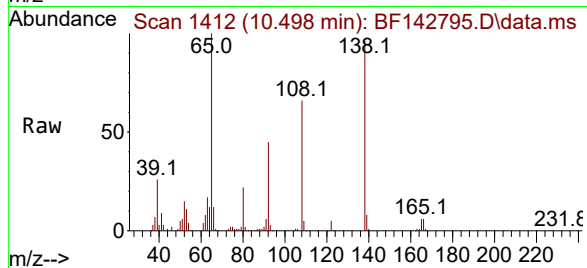
Tgt Ion:138 Resp: 147879

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

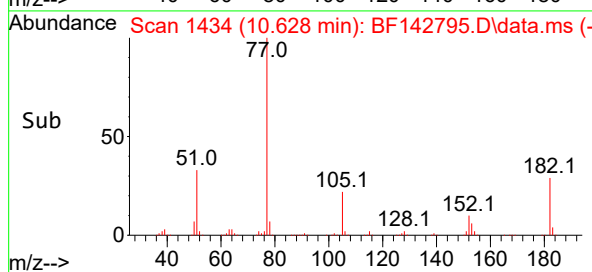
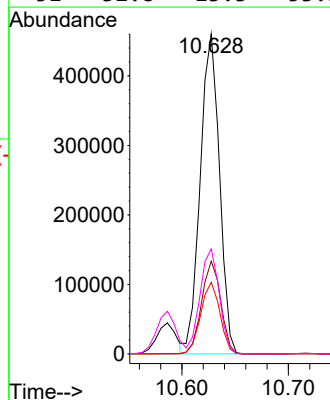
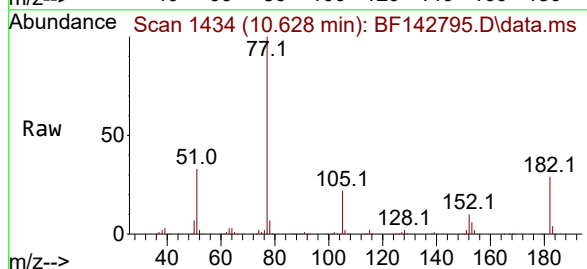
Ion Ratio Lower Upper

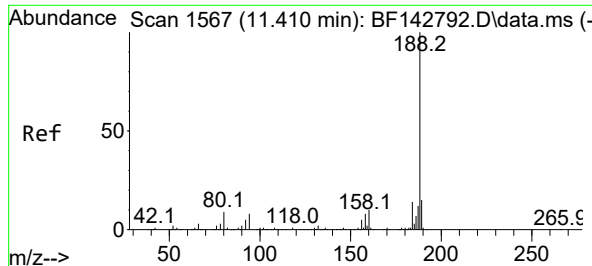
77 100

182 29.0 7.7 47.7

105 22.4 1.9 41.9

51 32.8 13.3 53.3

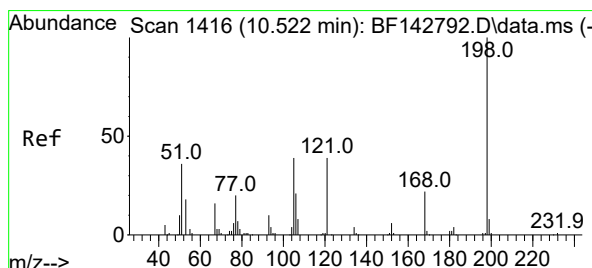
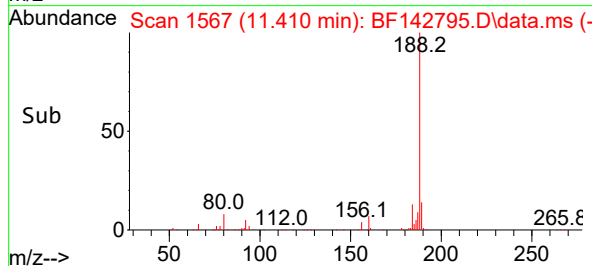
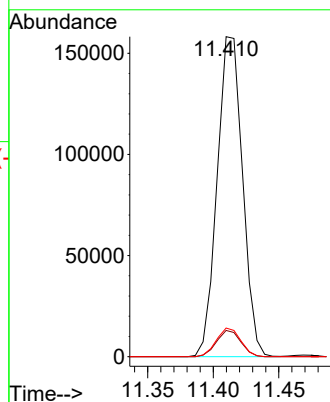
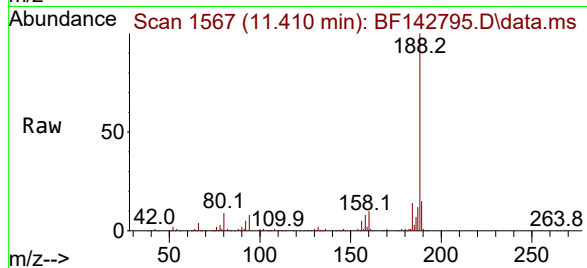




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

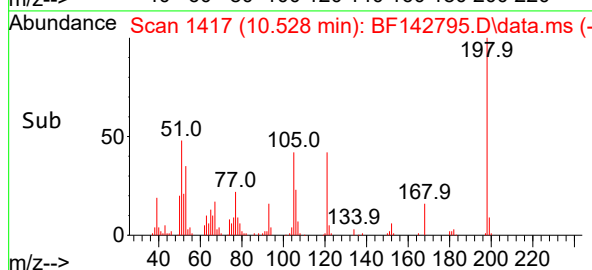
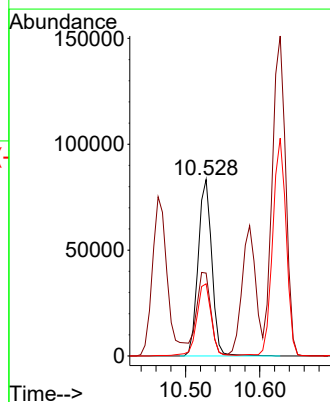
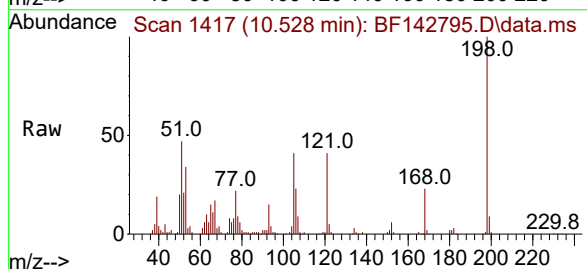
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

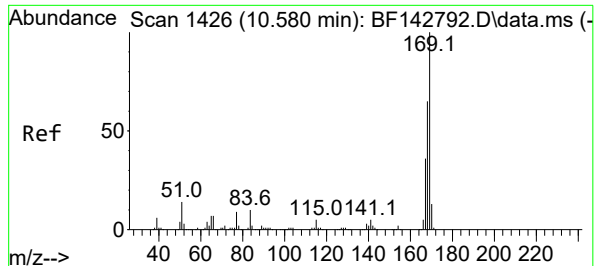
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.0	6.9	10.3



#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

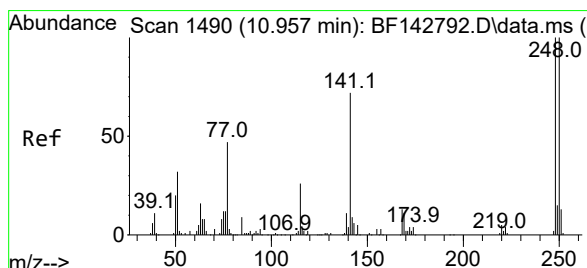
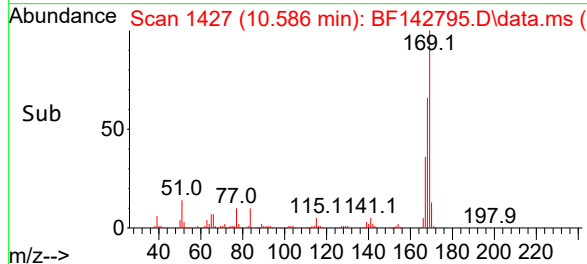
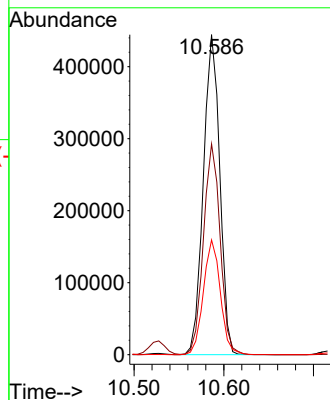
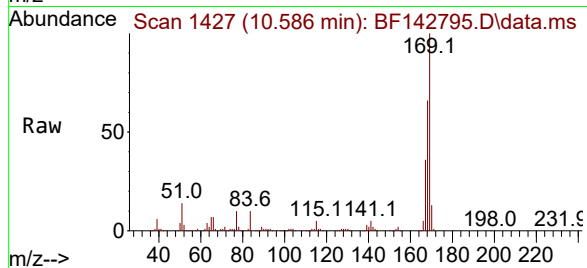




#66
n-Nitrosodiphenylamine
Concen: 77.075 ng
RT: 10.586 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

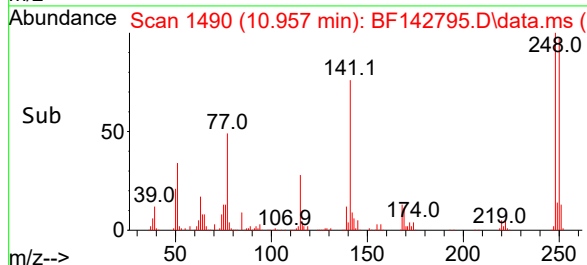
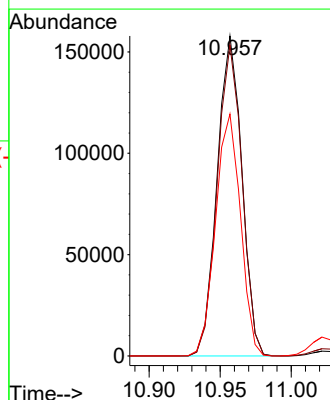
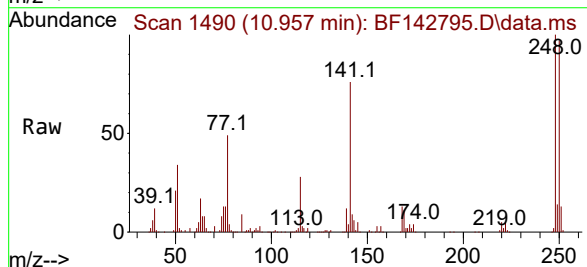
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

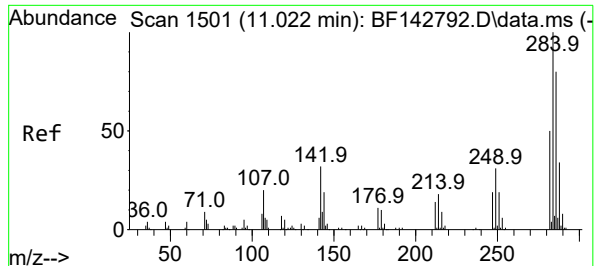
Tgt Ion:169 Resp: 564677
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 35.9 28.5 42.7



#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

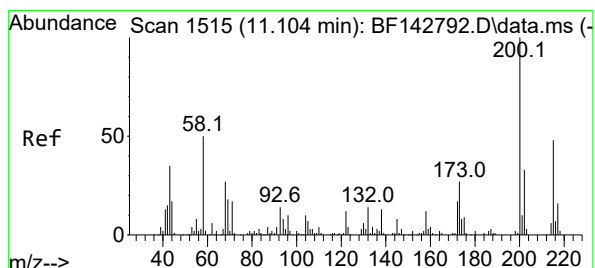
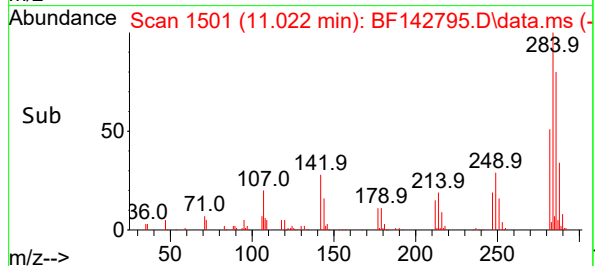
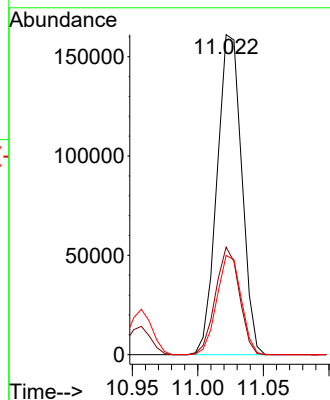
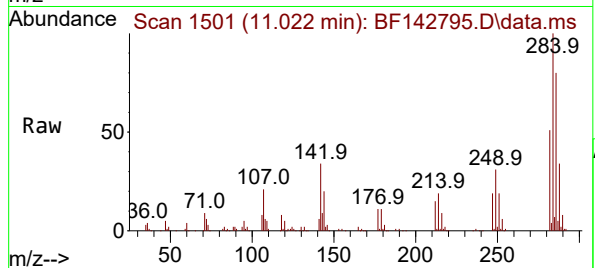




#68
Hexachlorobenzene
Concen: 76.086 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

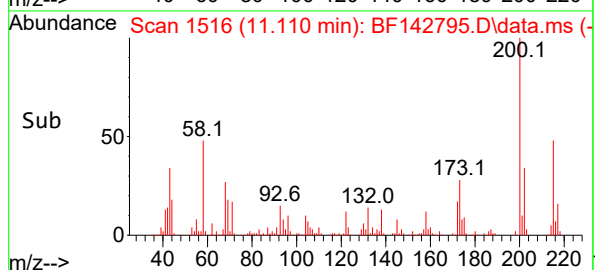
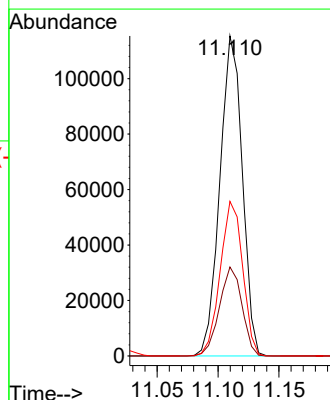
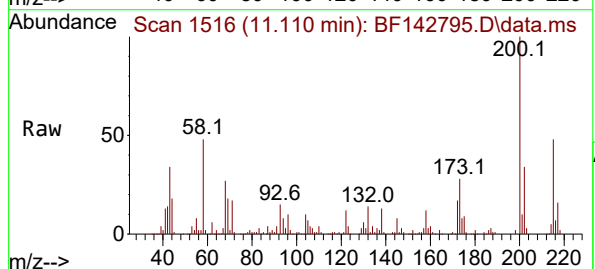
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

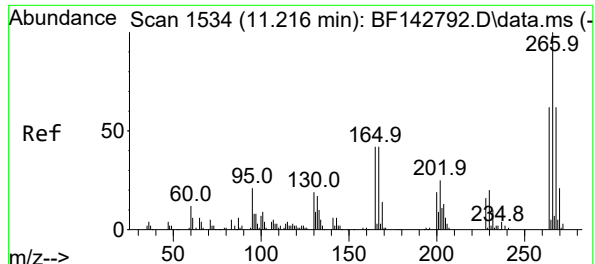
Tgt Ion:284 Resp: 210925
Ion Ratio Lower Upper
284 100
142 33.6 25.5 38.3
249 31.0 24.9 37.3



#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

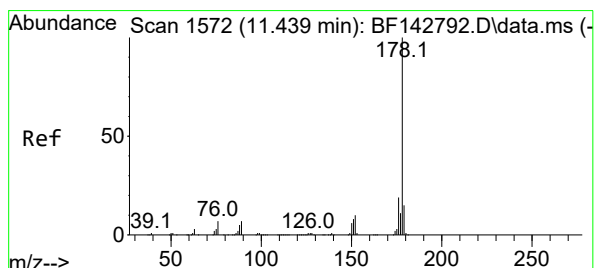
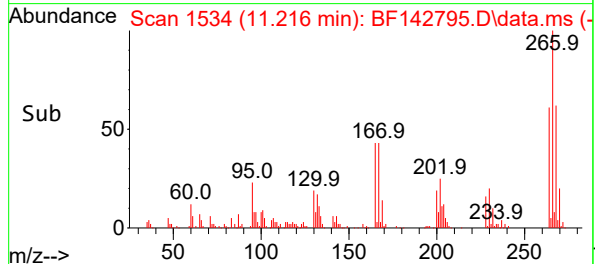
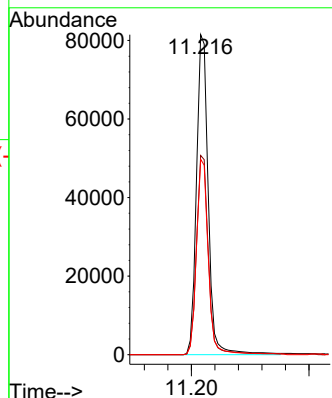
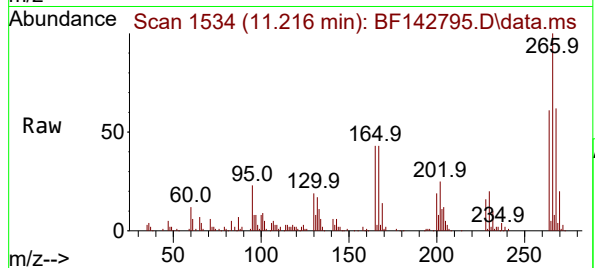




#70
Pentachlorophenol
Concen: 78.555 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

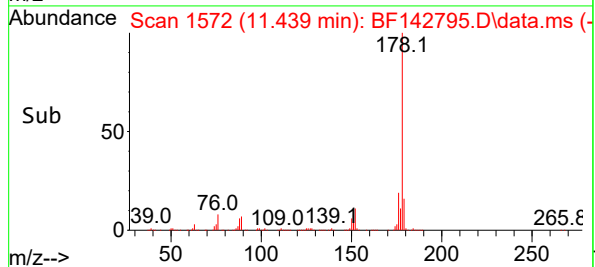
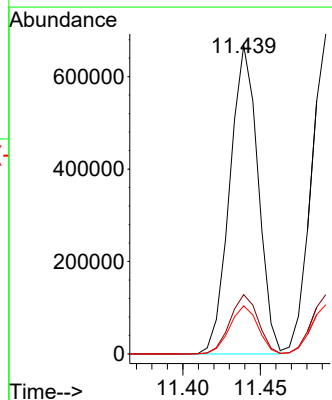
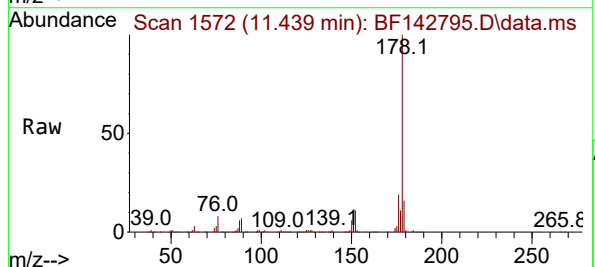
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

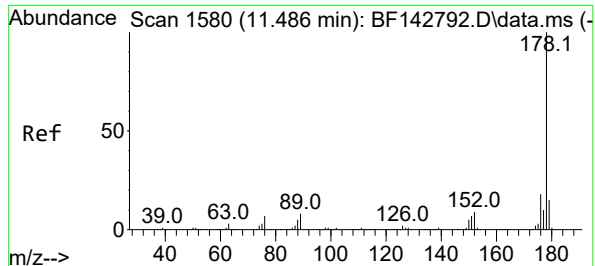
Tgt Ion:266 Resp: 113104
Ion Ratio Lower Upper
266 100
268 62.2 49.8 74.8
264 61.0 49.9 74.9



#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

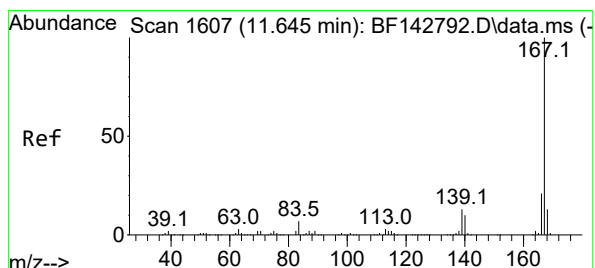
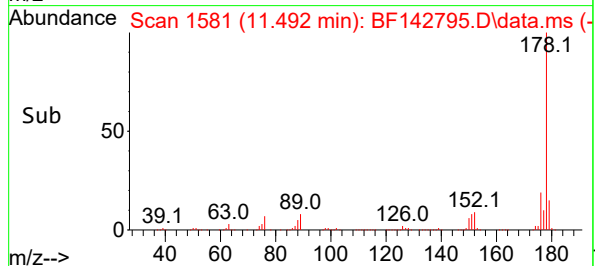
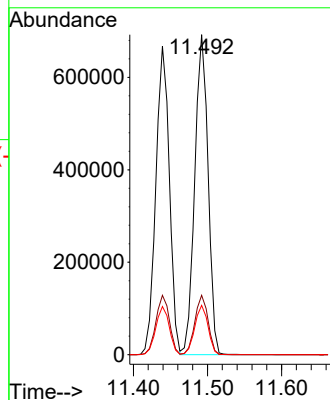
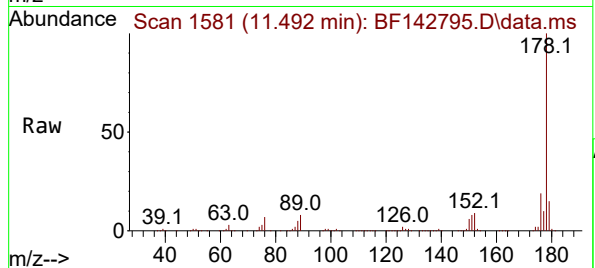




#72
Anthracene
Concen: 73.008 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

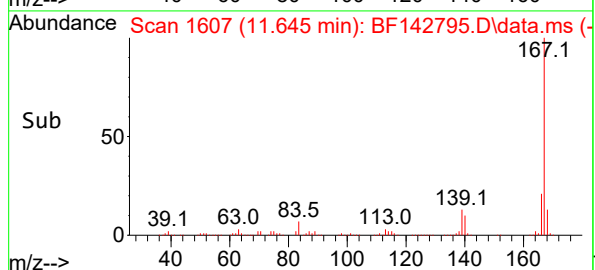
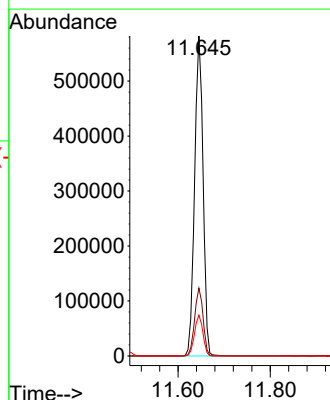
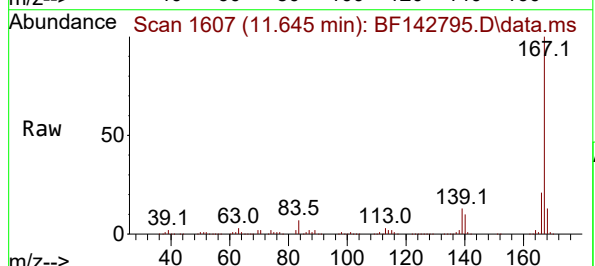
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

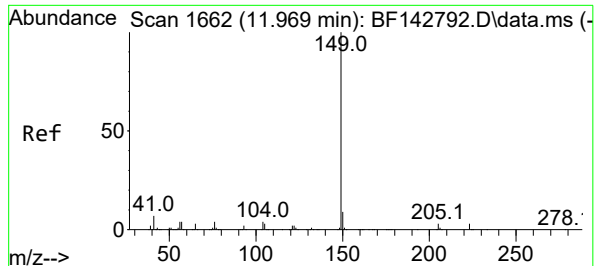
Tgt Ion:178 Resp: 862662
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.4 12.4 18.6



#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

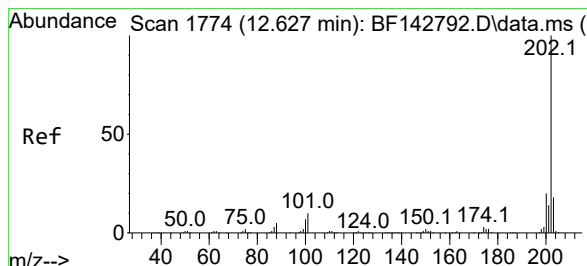
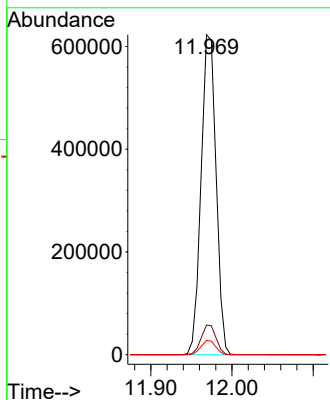
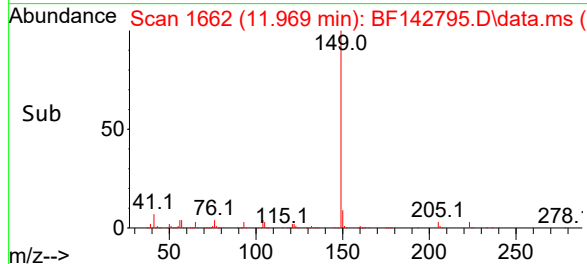
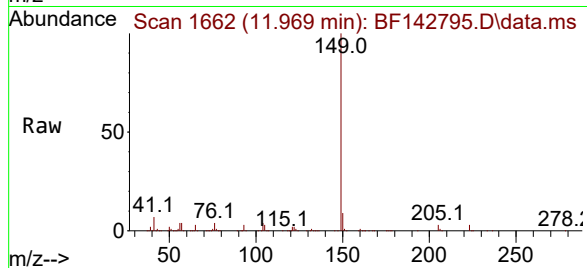




#74
Di-n-butylphthalate
Concen: 72.884 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

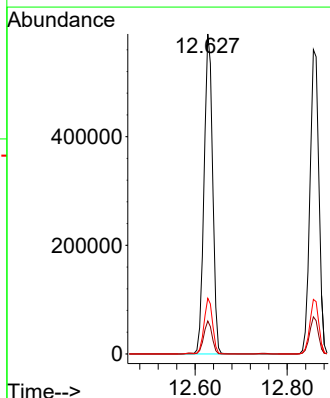
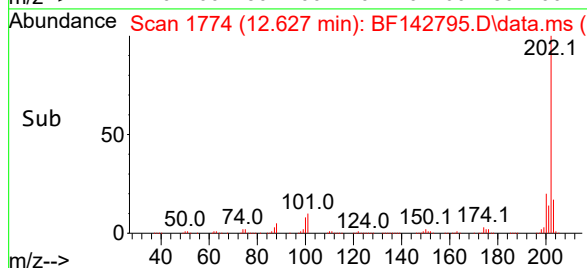
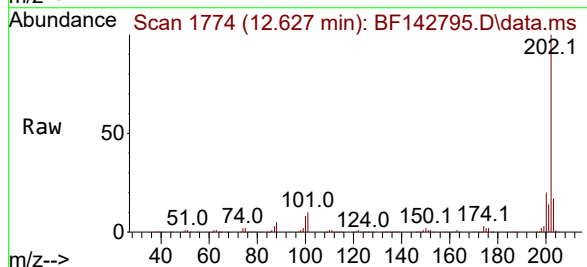
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

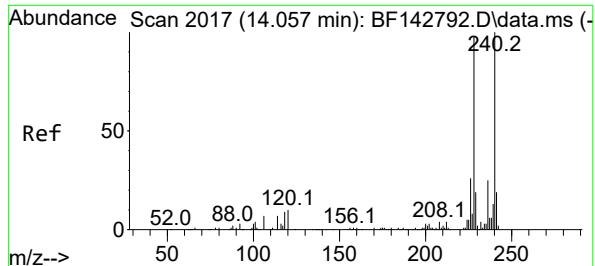
Tgt Ion:149 Resp: 798500
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.5 3.5 5.3



#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

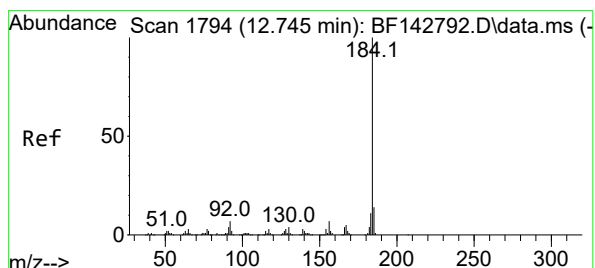
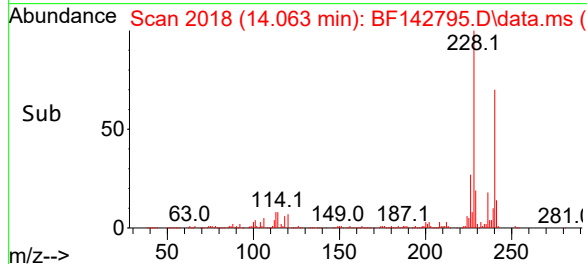
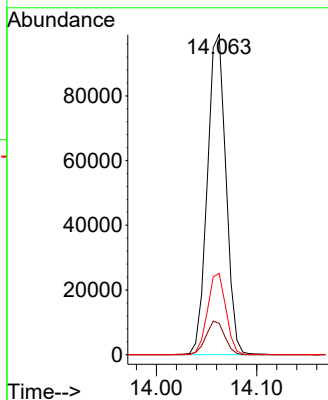
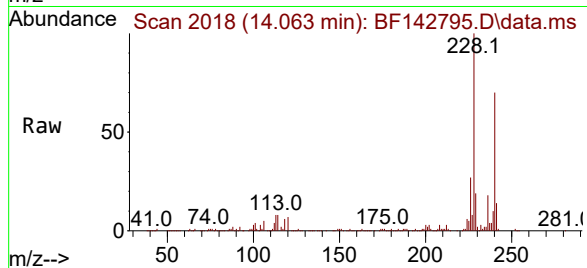




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

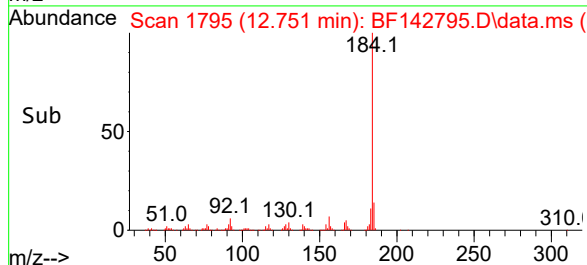
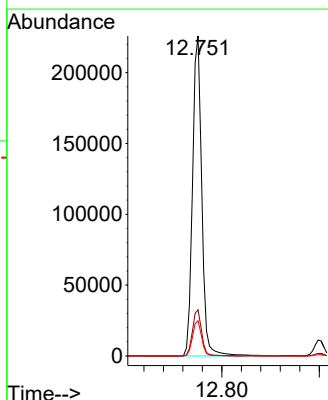
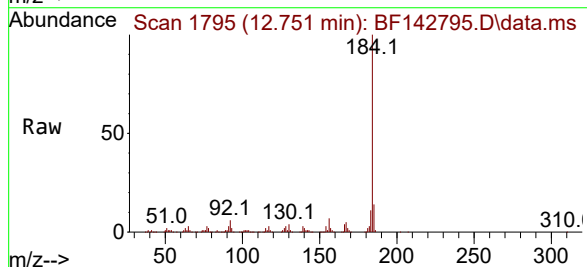
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

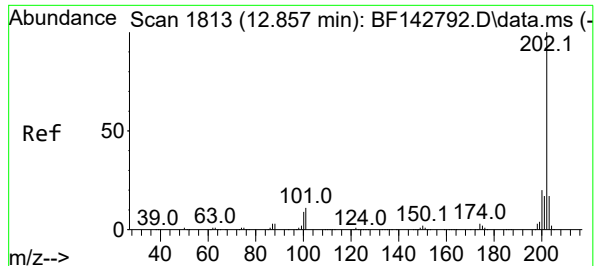
Tgt Ion:240 Resp: 127713
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.4 19.8 29.8



#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

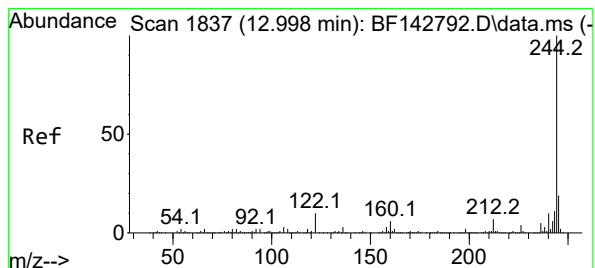
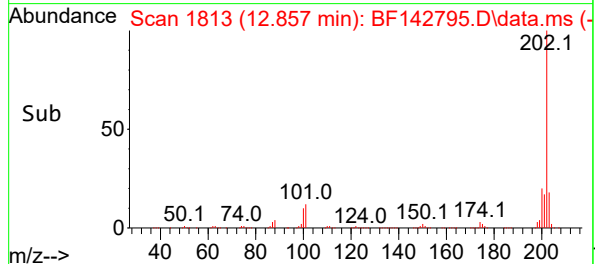
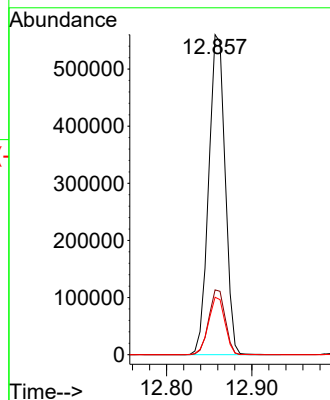
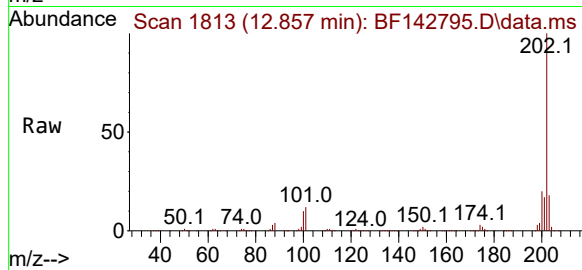




#78
Pyrene
Concen: 63.894 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

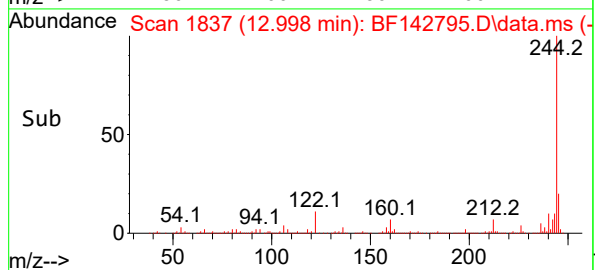
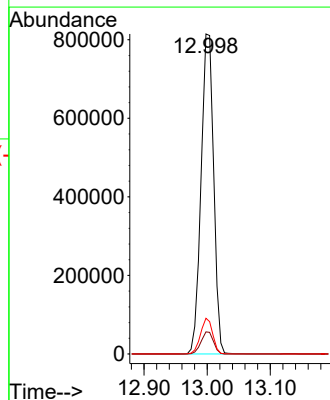
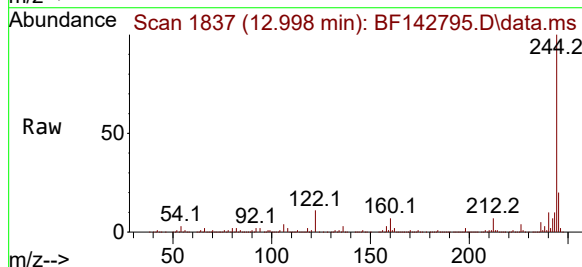
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

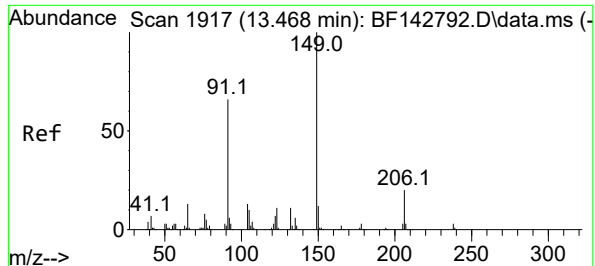
Tgt Ion:202 Resp: 750100
Ion Ratio Lower Upper
202 100
200 20.2 15.7 23.5
203 17.9 13.8 20.6



#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

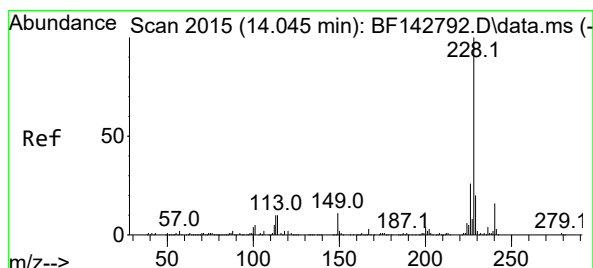
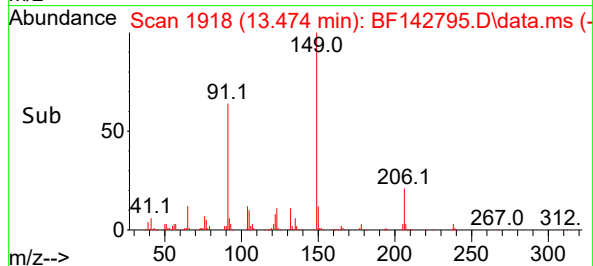
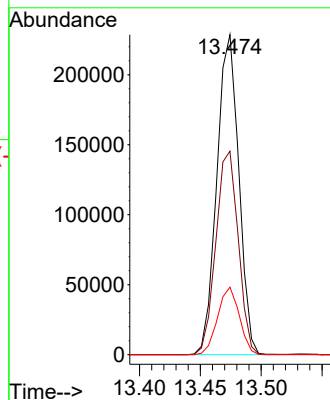
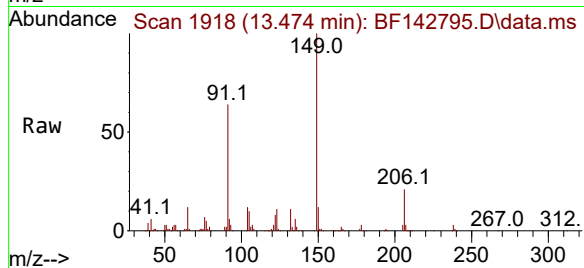
Tgt Ion:149 Resp: 287568

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

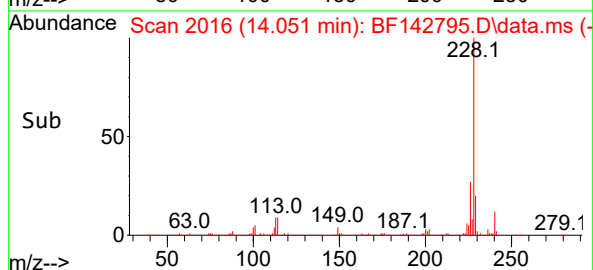
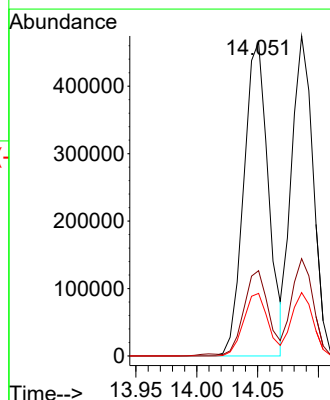
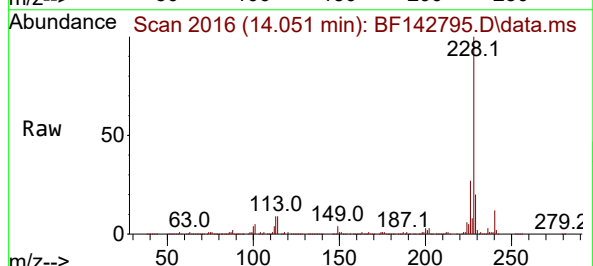
Tgt Ion:228 Resp: 655753

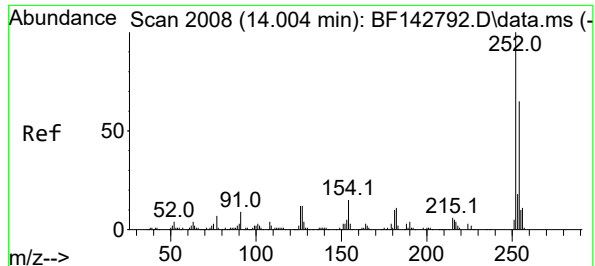
Ion Ratio Lower Upper

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# 2008

Delta R.T. 0.006 min

Lab File: BF142795.D

Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

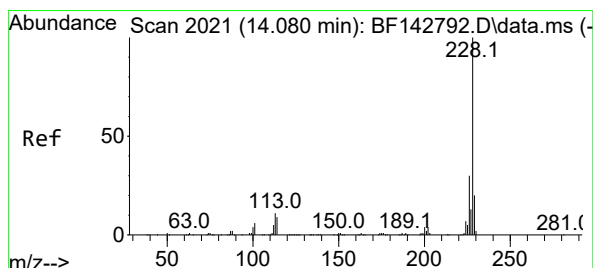
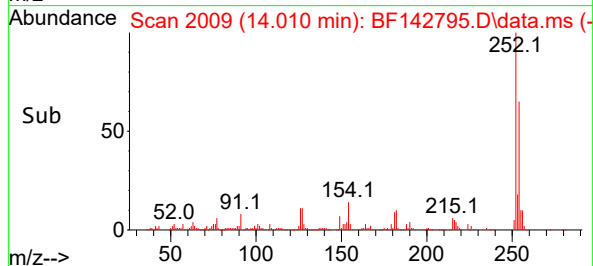
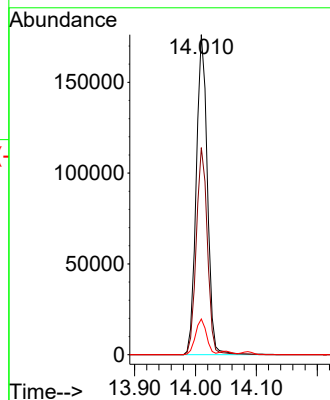
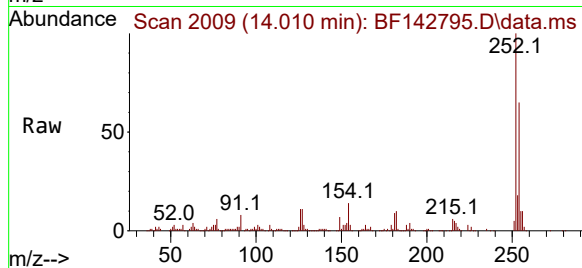
Tgt Ion:252 Resp: 223571

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

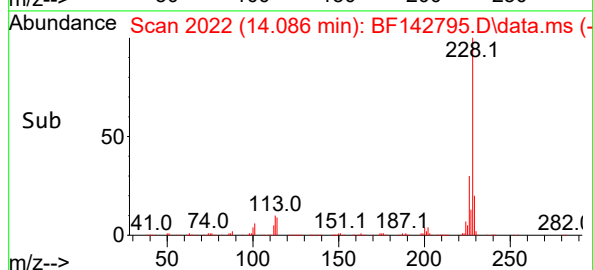
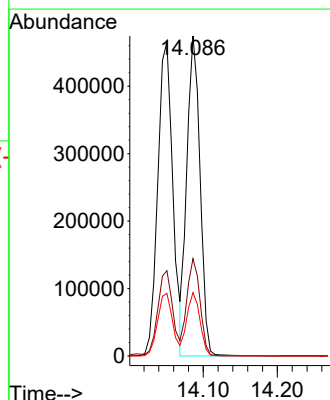
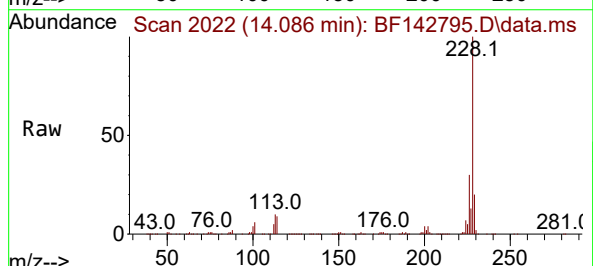
Tgt Ion:228 Resp: 587658

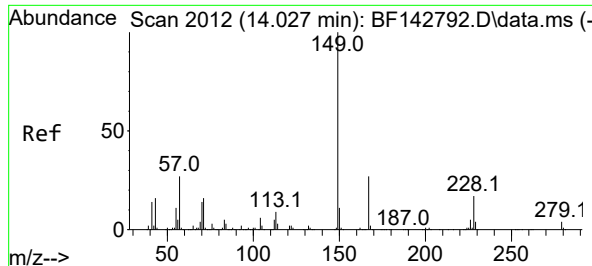
Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 19.8 15.7 23.5

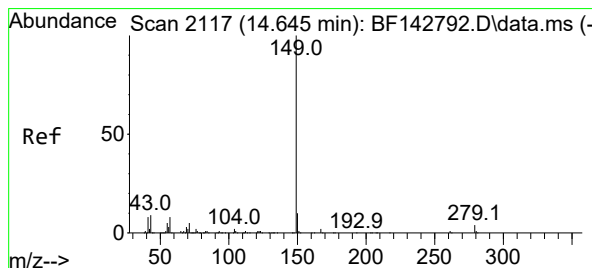
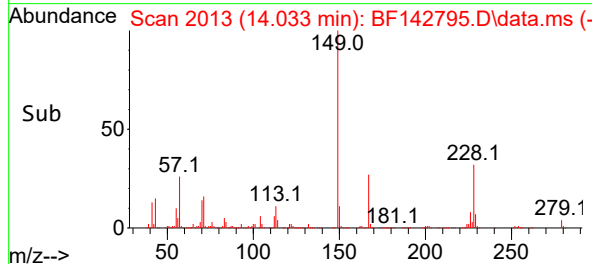
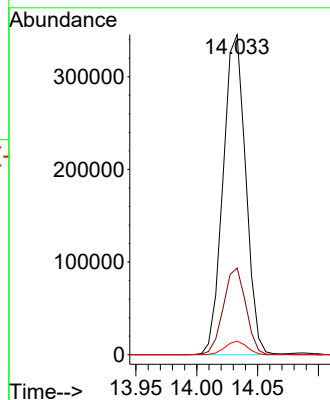
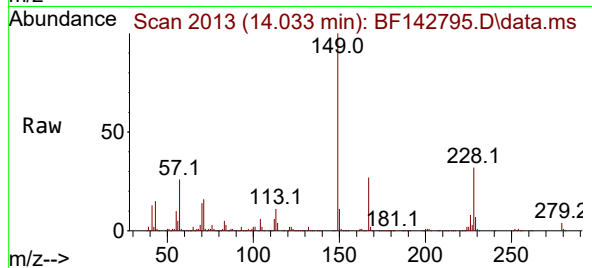




#84
Bis(2-ethylhexyl)phthalate
Concen: 86.499 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

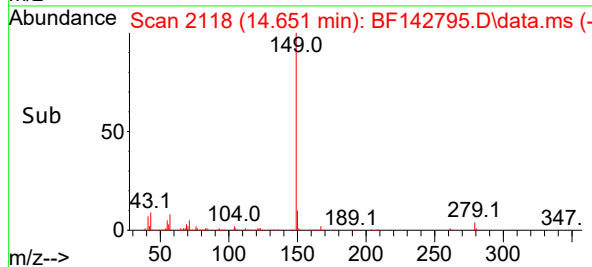
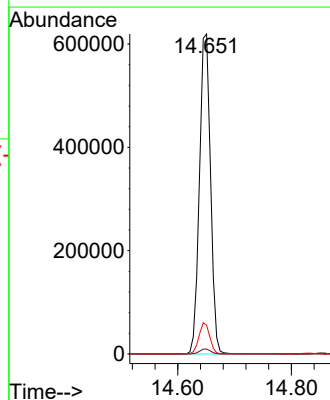
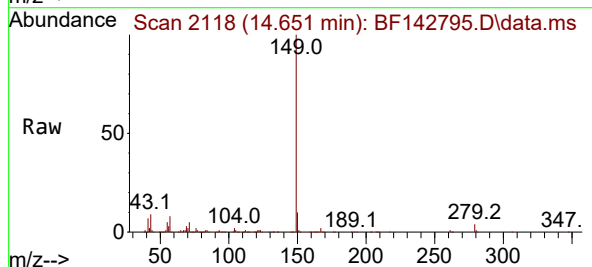
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

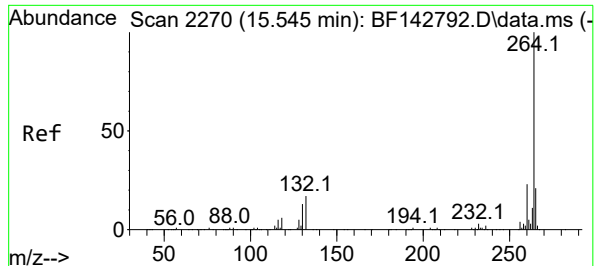
Tgt Ion:149 Resp: 448387
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 4.3 3.0 4.6



#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

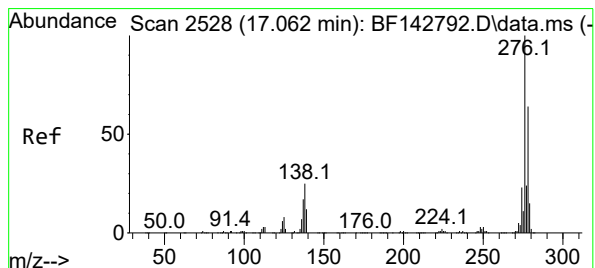
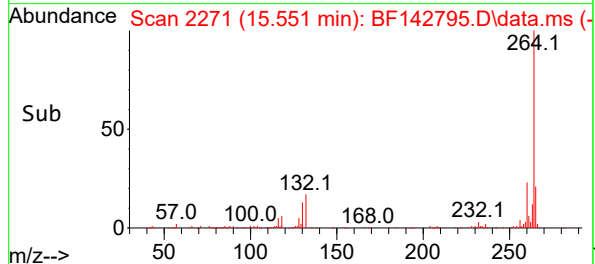
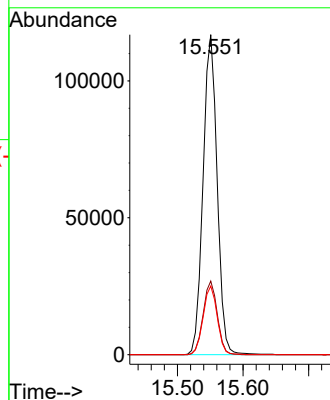
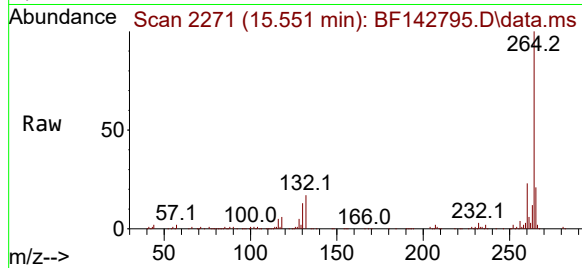




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

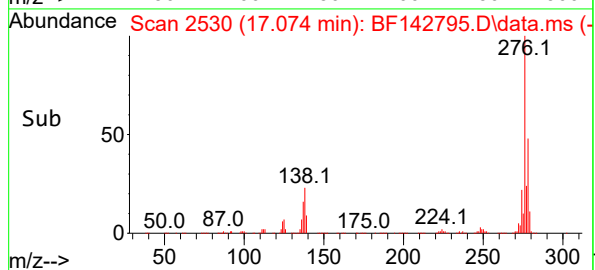
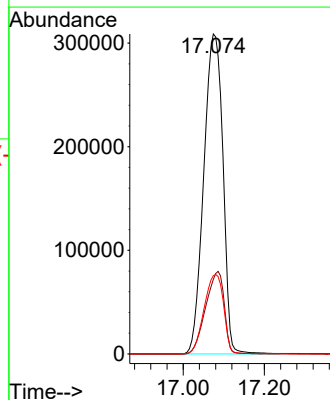
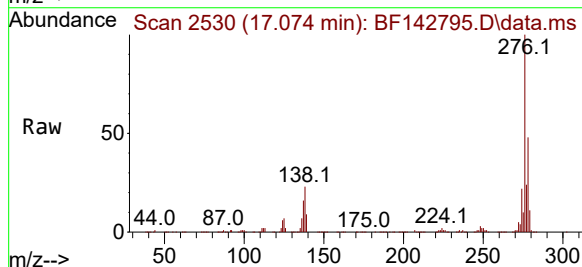
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

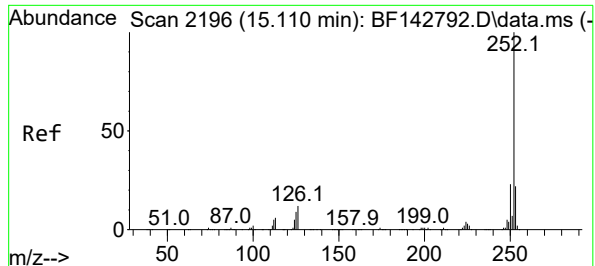
Tgt Ion:264 Resp: 175125
Ion Ratio Lower Upper
264 100
260 23.0 18.1 27.1
265 21.5 16.6 25.0



#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

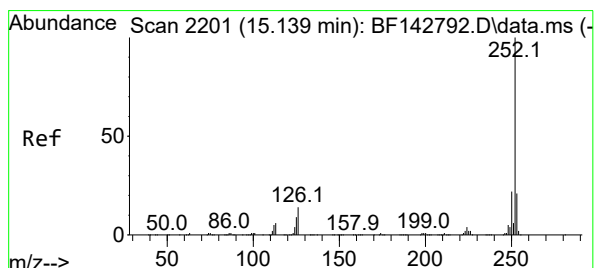
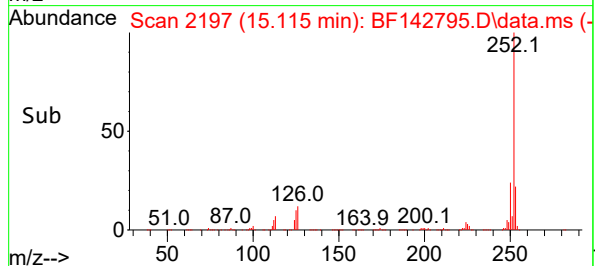
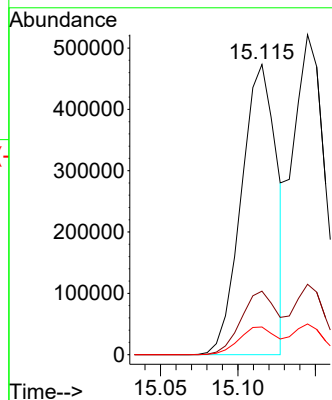
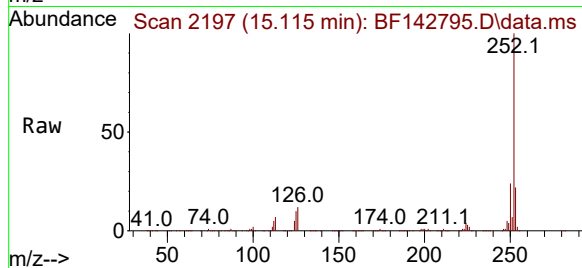




#88
Benzo(b)fluoranthene
Concen: 73.471 ng
RT: 15.115 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

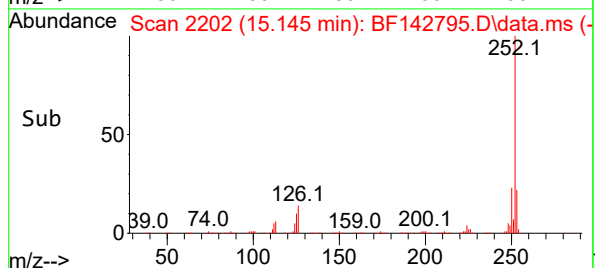
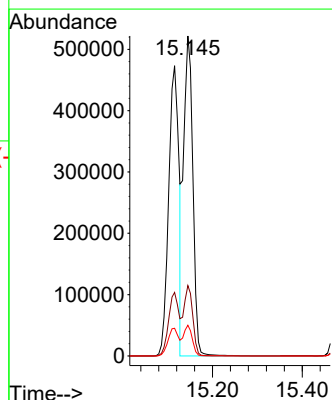
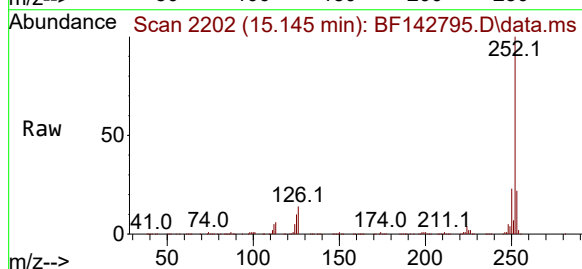
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

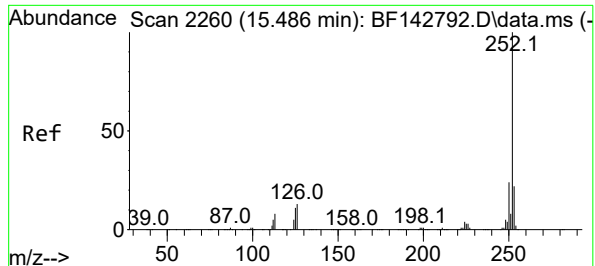
Tgt Ion:252 Resp: 749341
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.5 7.4 11.0



#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

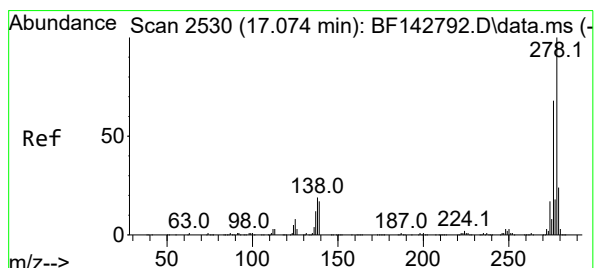
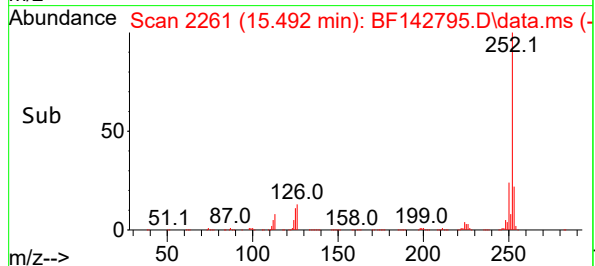
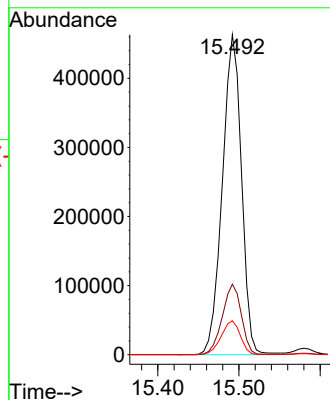
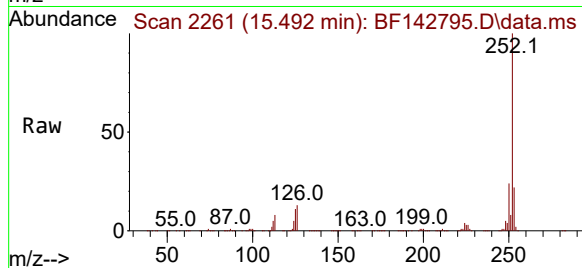
Tgt Ion:252 Resp: 759483

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

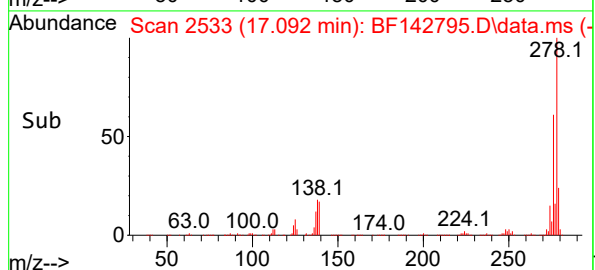
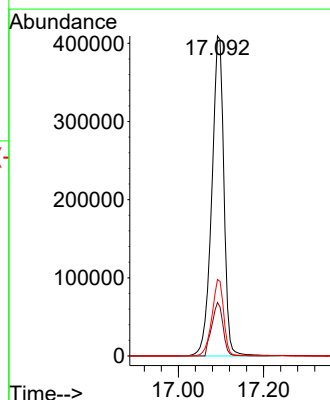
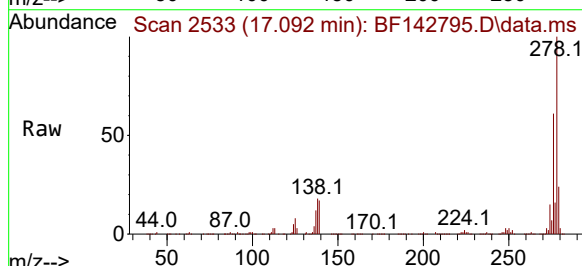
Tgt Ion:278 Resp: 806991

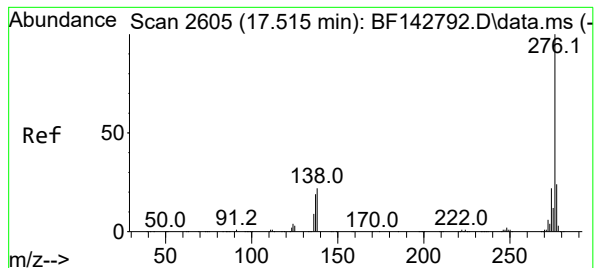
Ion Ratio Lower Upper

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

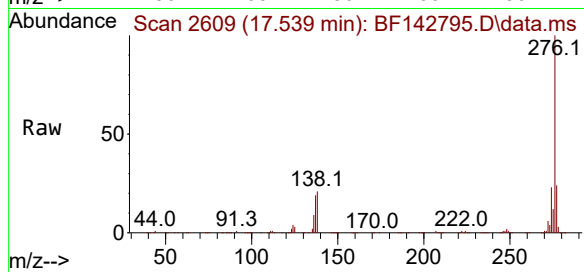
Acq: 19 Jun 2025 20:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



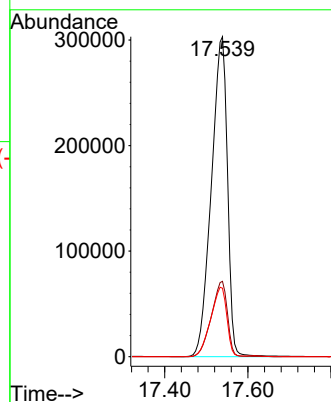
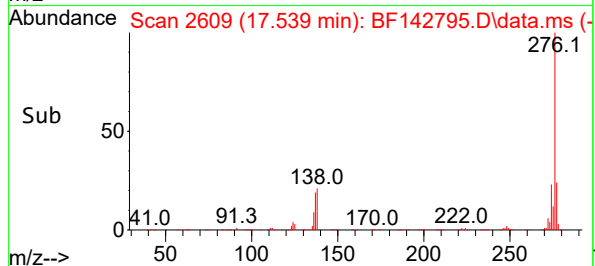
Tgt Ion:276 Resp: 813177

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
 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

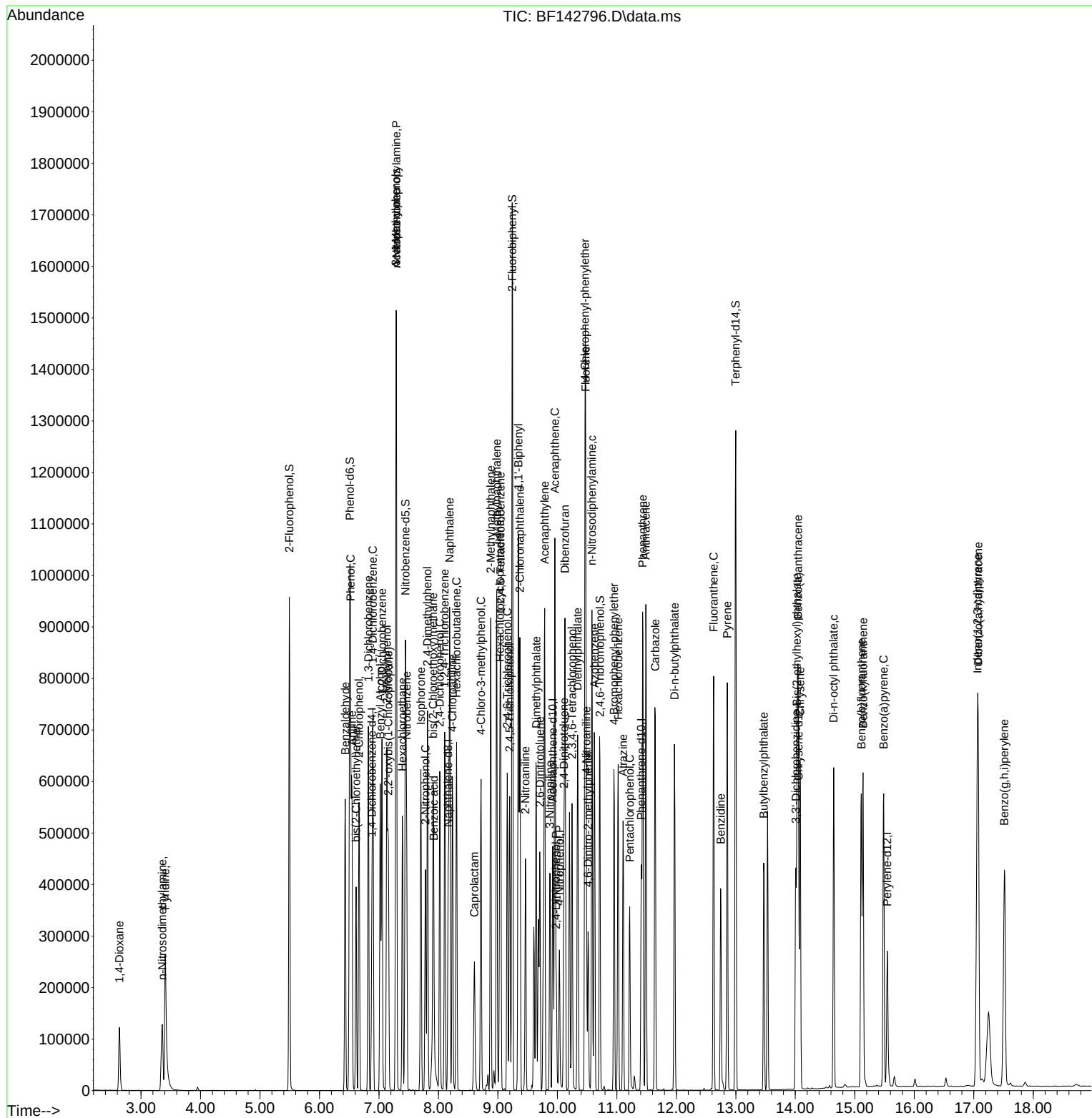
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	124558	43.045	ng	99
46) 1,1'-Biphenyl	9.345	154	476133	42.159	ng	100
47) 2-Chloronaphthalene	9.369	162	354405	41.817	ng	100
48) 2-Nitroaniline	9.463	65	99137	41.724	ng	97
49) Acenaphthylene	9.786	152	580204	41.586	ng	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

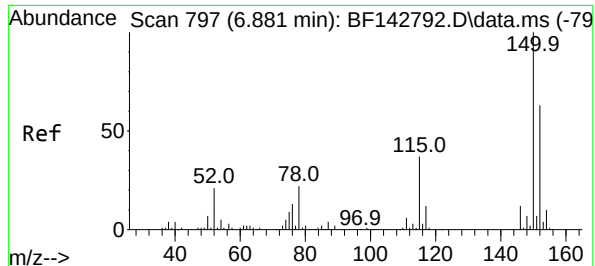
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

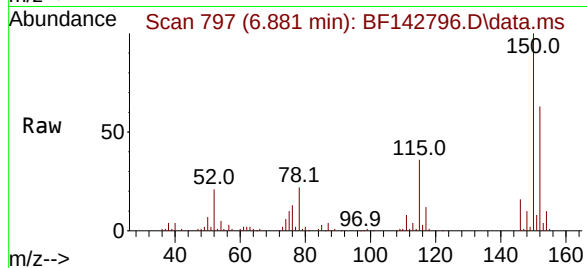
Quant Time: Jun 24 15:59:56 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
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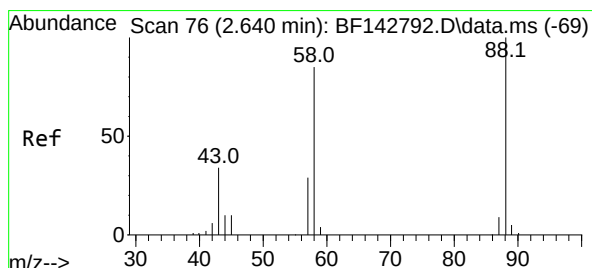
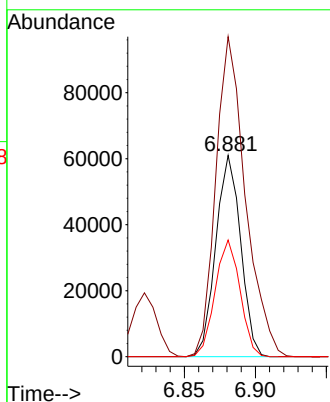
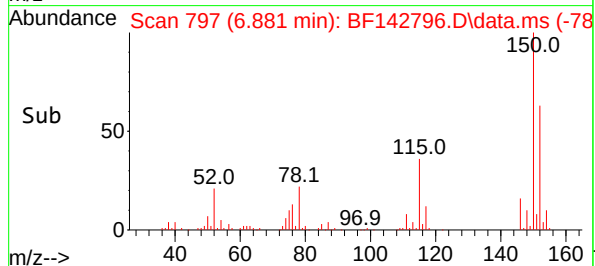


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

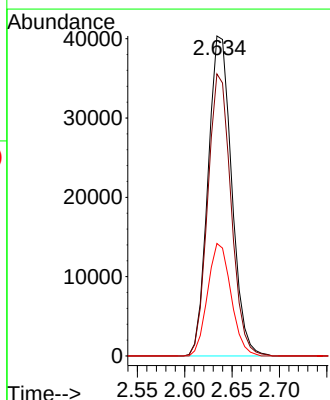
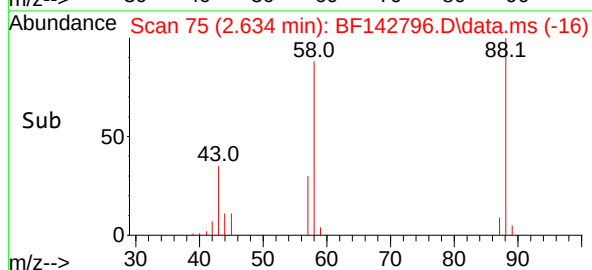
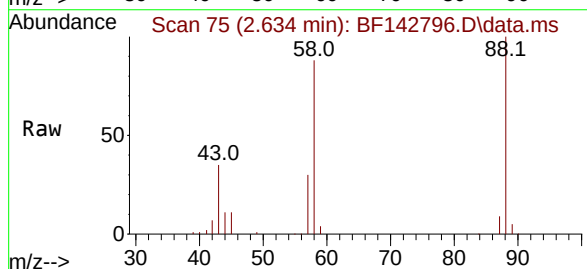


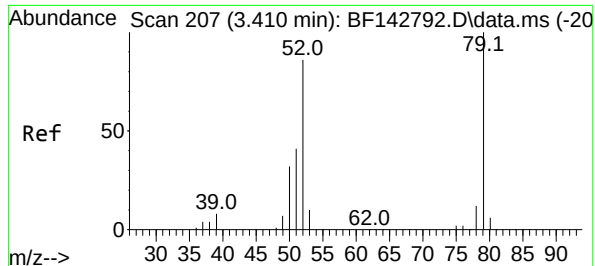
Tgt Ion:152 Resp: 74183
Ion Ratio Lower Upper
152 100
150 159.0 127.2 190.8
115 57.9 46.6 69.8



#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

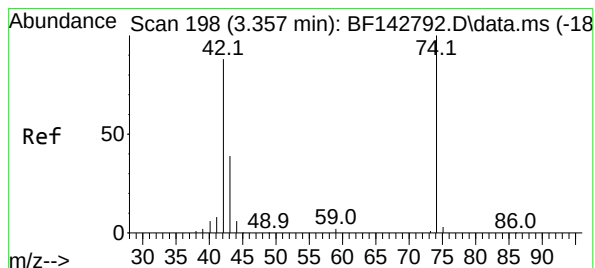
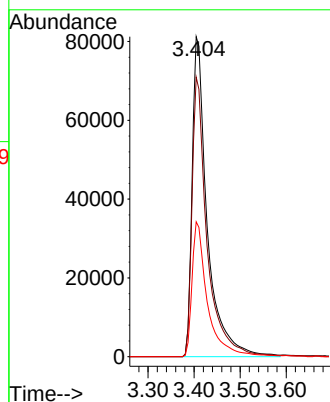
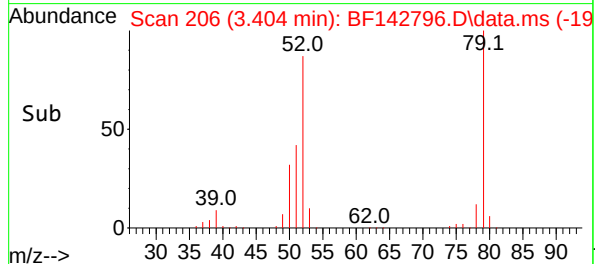
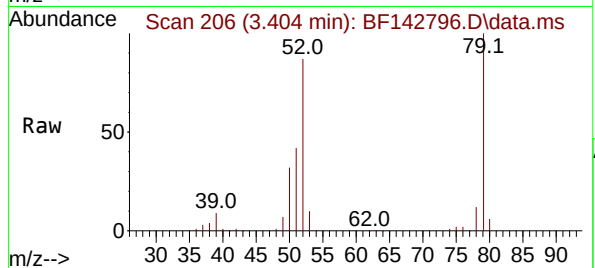




#3
Pyridine
Concen: 41.446 ng
RT: 3.404 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

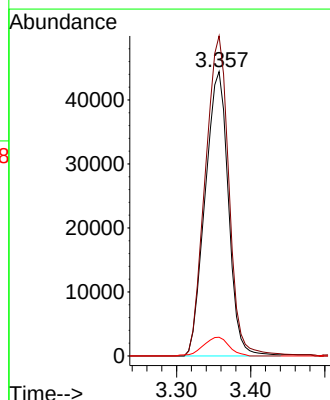
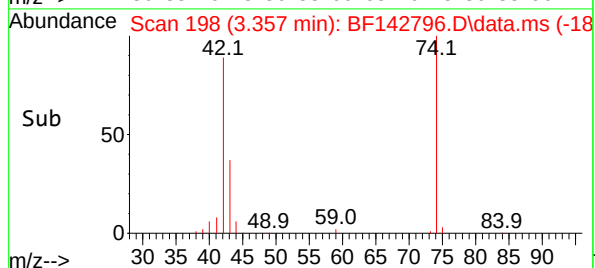
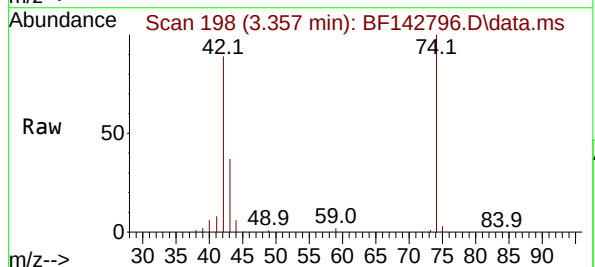
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

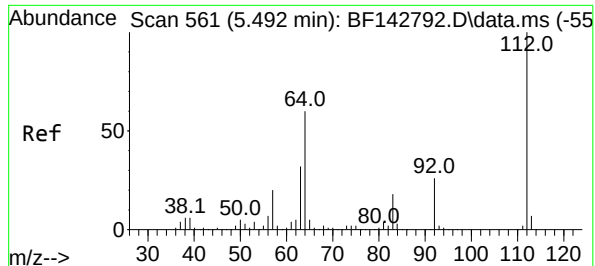
Tgt Ion: 79 Resp: 185173
Ion Ratio Lower Upper
79 100
52 87.4 69.2 103.8
51 42.1 33.2 49.8



#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

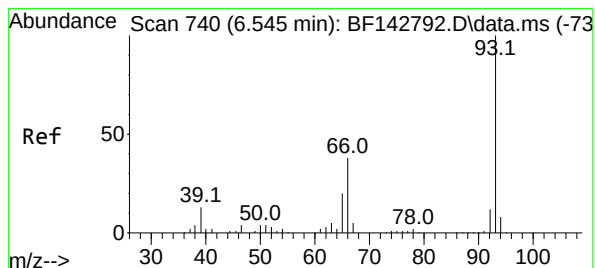
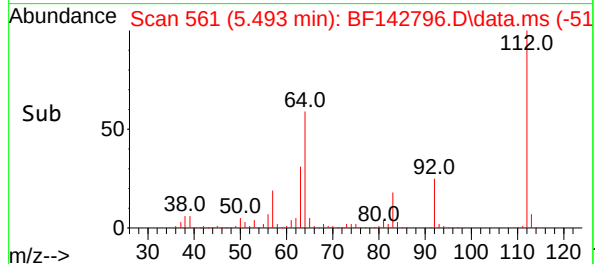
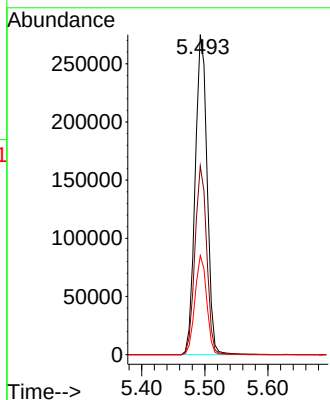
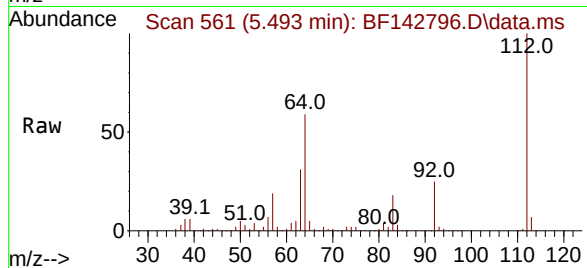




#5
2-Fluorophenol
Concen: 81.192 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.001 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

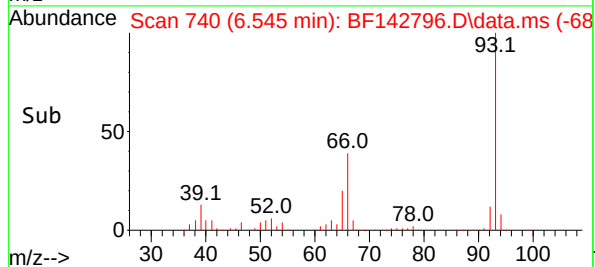
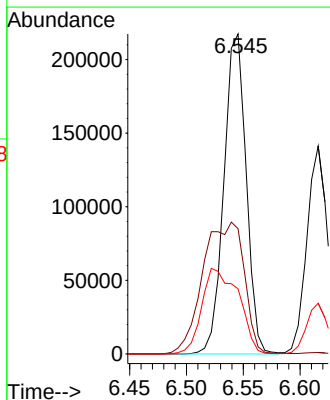
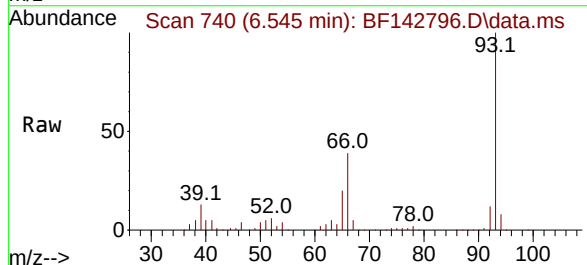
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

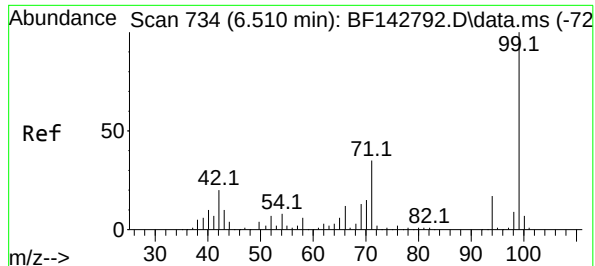
Tgt Ion:112 Resp: 361762
Ion Ratio Lower Upper
112 100
64 59.0 48.2 72.2
63 31.0 25.7 38.5



#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

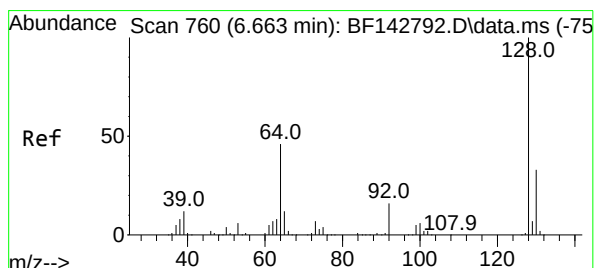
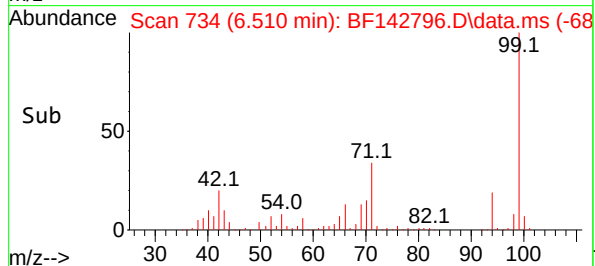
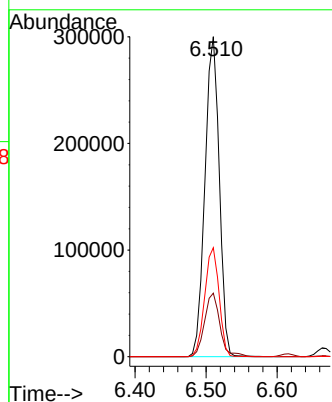
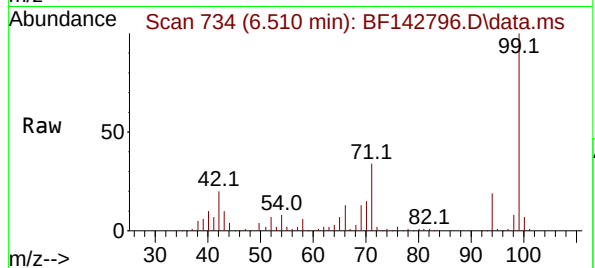
Tgt Ion: 99 Resp: 421918

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

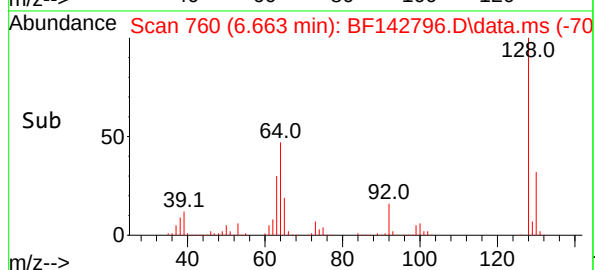
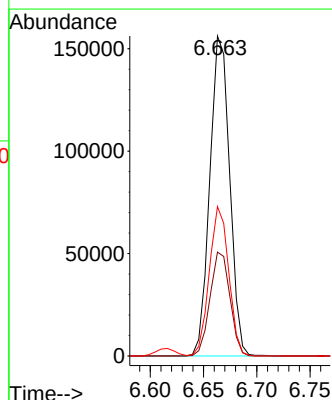
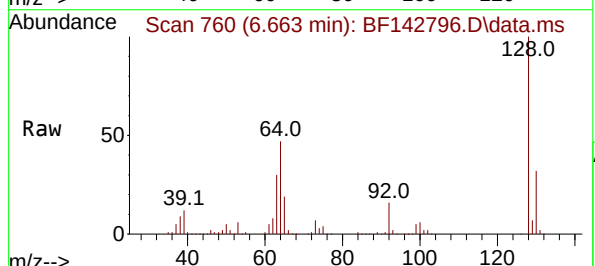
Tgt Ion:128 Resp: 202041

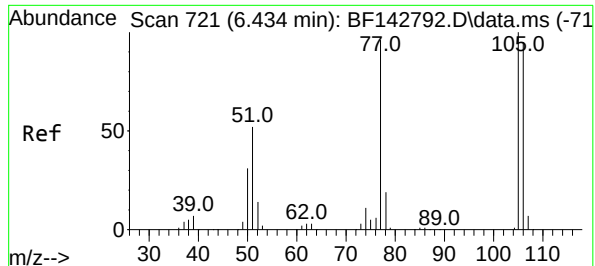
Ion Ratio Lower Upper

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

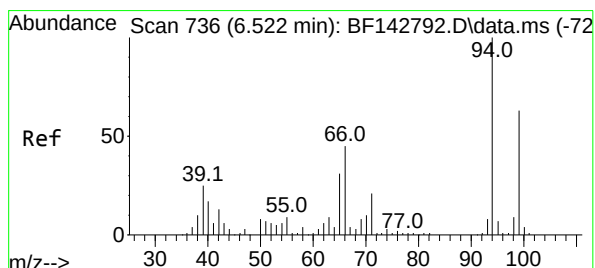
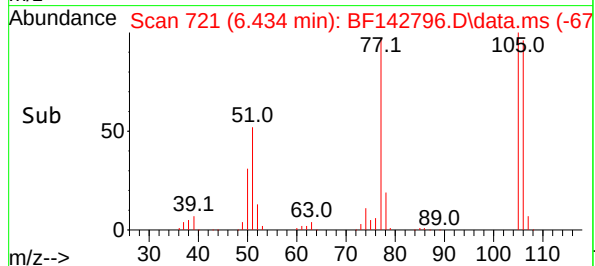
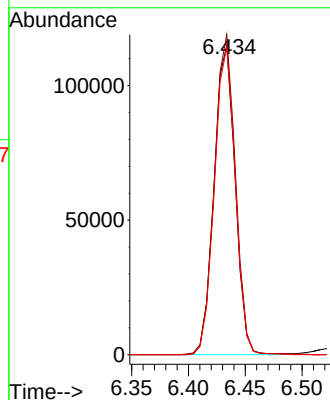
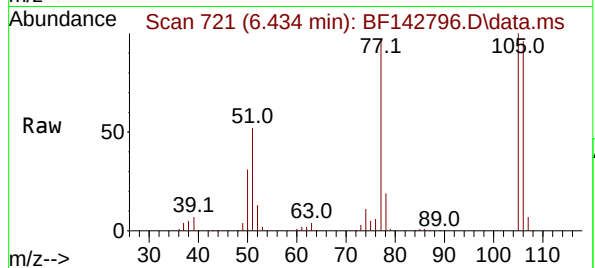
Tgt Ion: 77 Resp: 148174

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

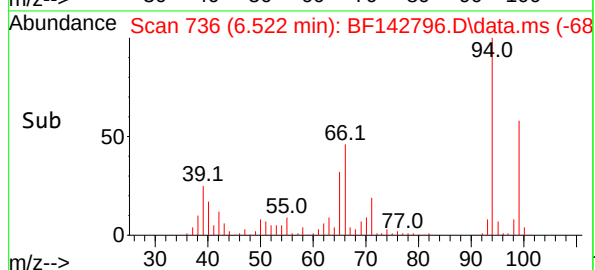
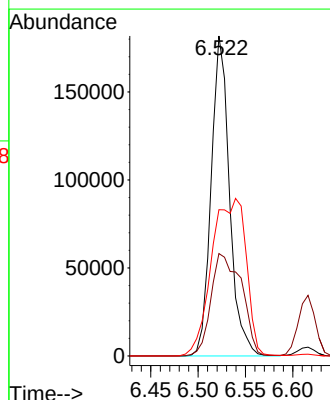
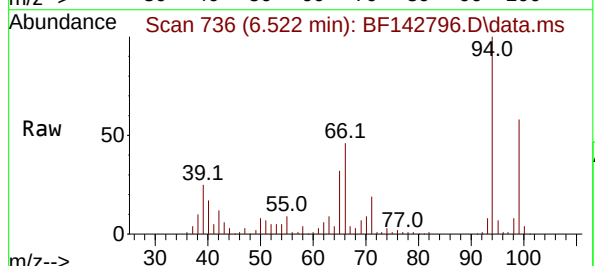
Tgt Ion: 94 Resp: 244839

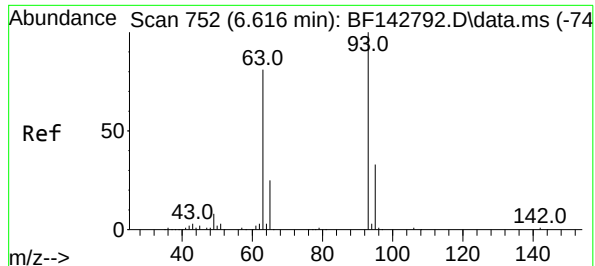
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

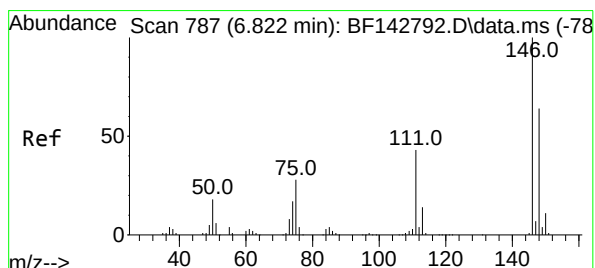
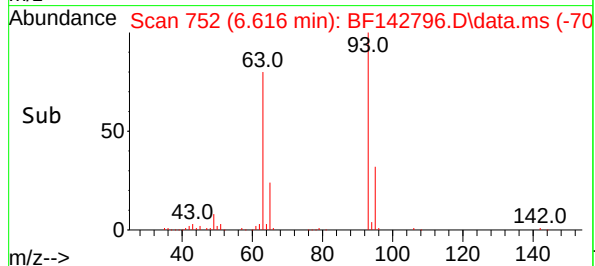
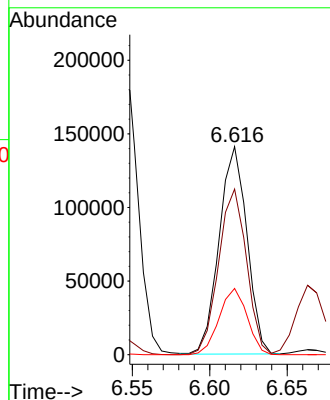
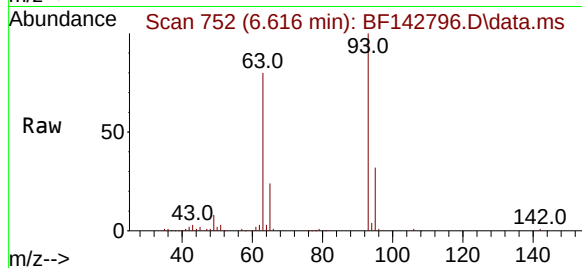
Tgt Ion: 93 Resp: 176058

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

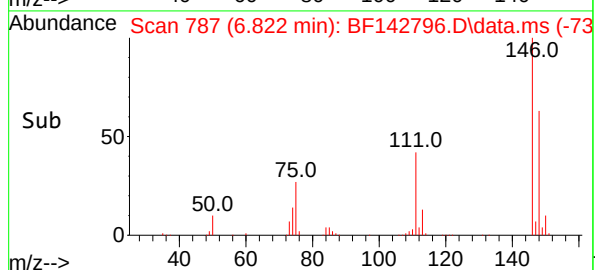
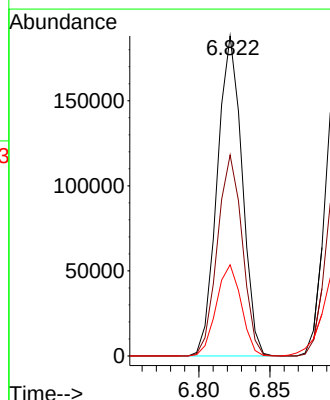
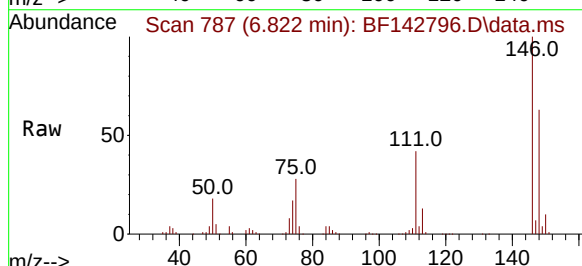
Tgt Ion:146 Resp: 228820

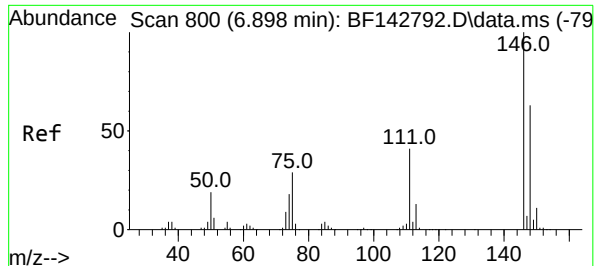
Ion Ratio Lower Upper

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

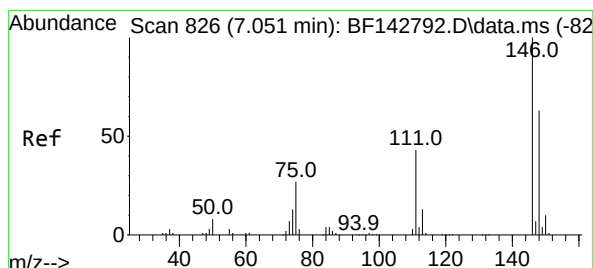
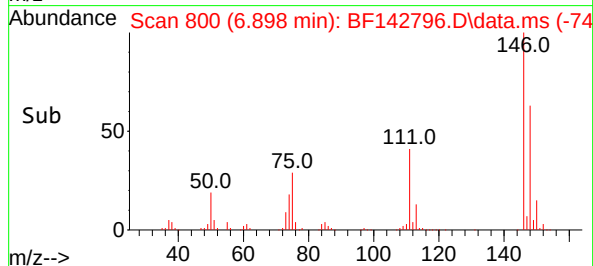
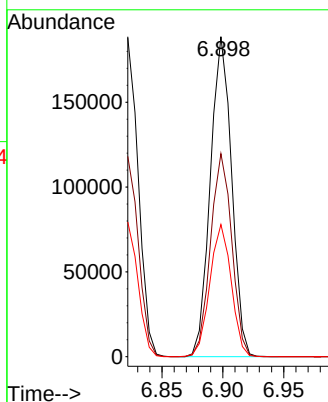
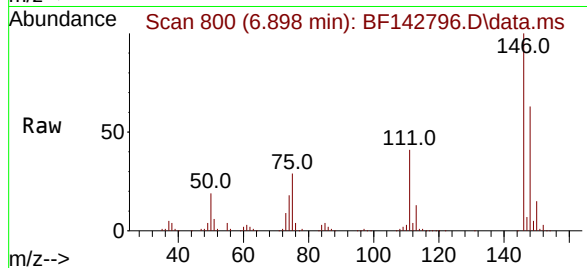
Tgt Ion:146 Resp: 229234

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

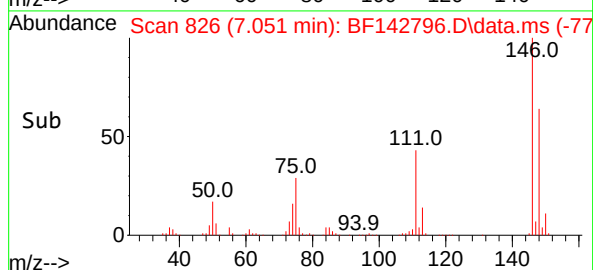
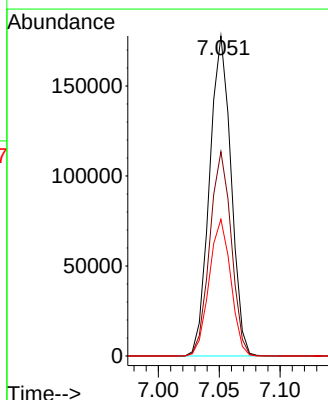
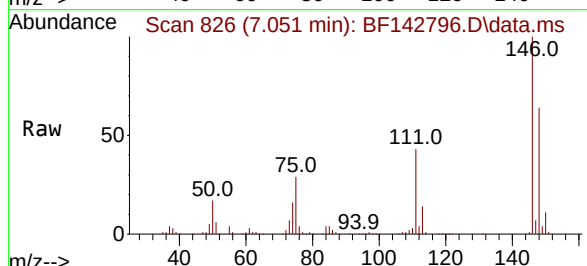
Tgt Ion:146 Resp: 218720

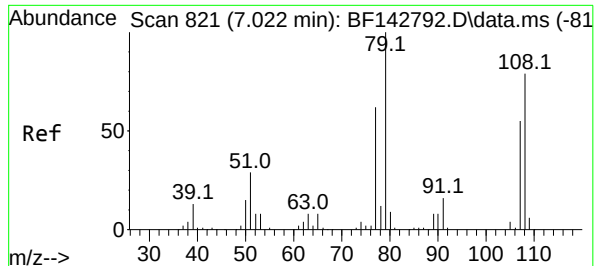
Ion Ratio Lower Upper

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

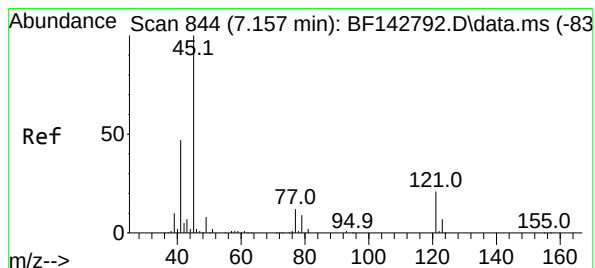
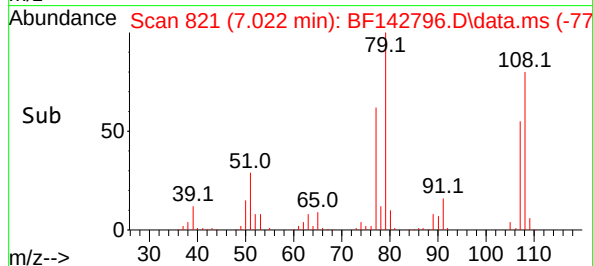
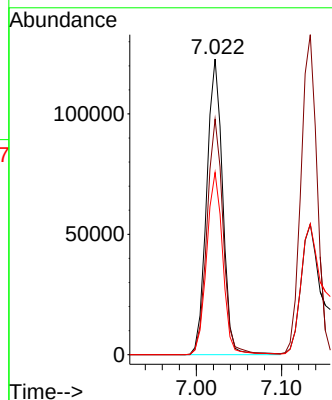
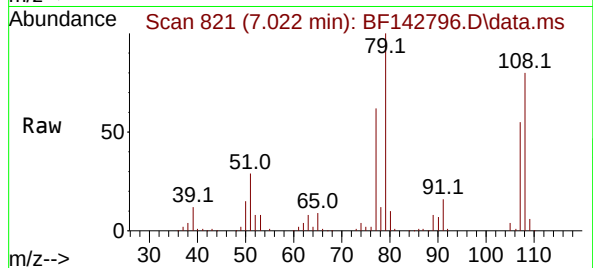
Tgt Ion: 79 Resp: 160044

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

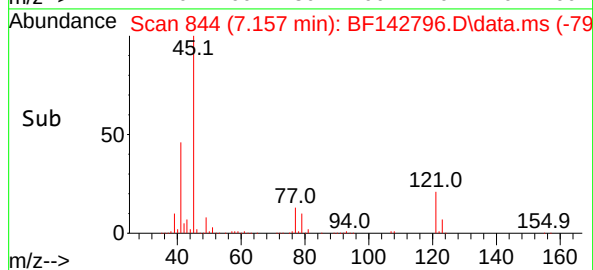
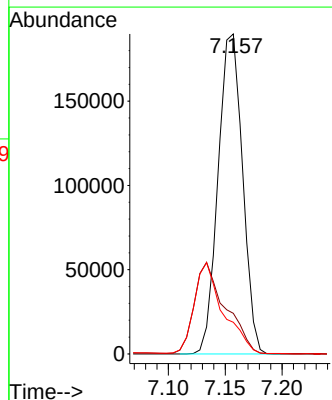
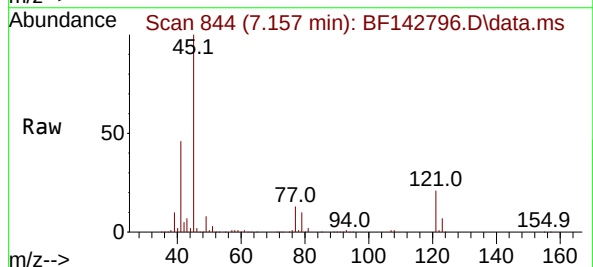
Tgt Ion: 45 Resp: 284352

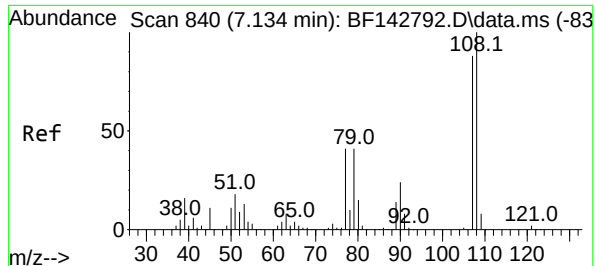
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.8

79 9.9 0.0 29.8

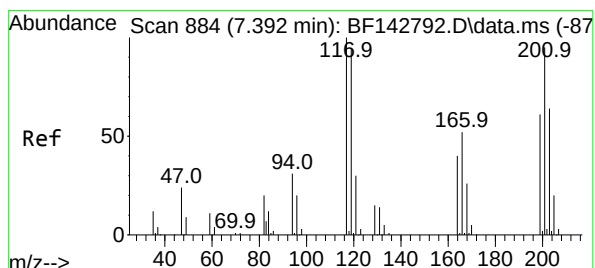
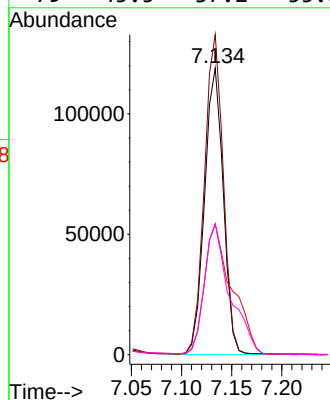
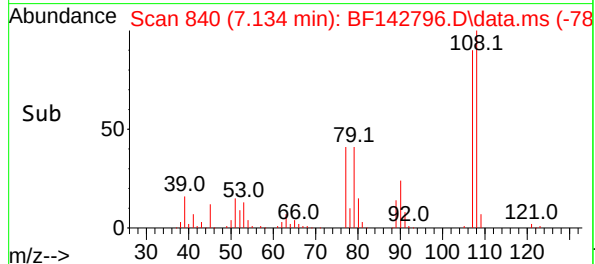
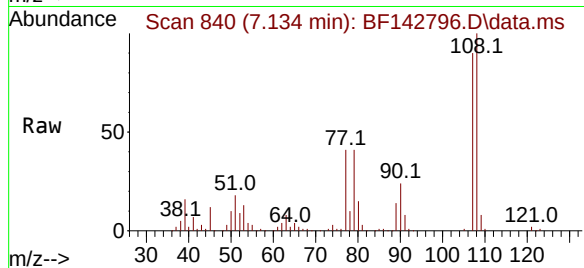




#17
2-Methylphenol
Concen: 42.485 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

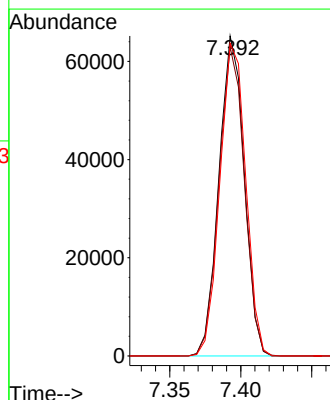
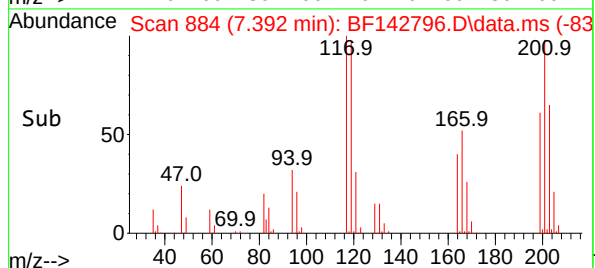
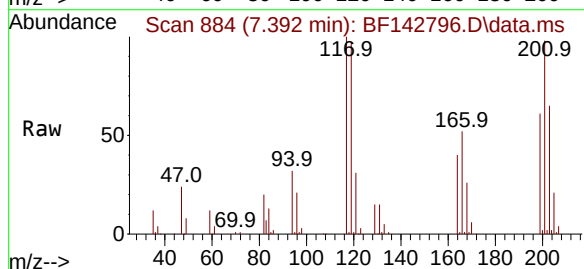
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

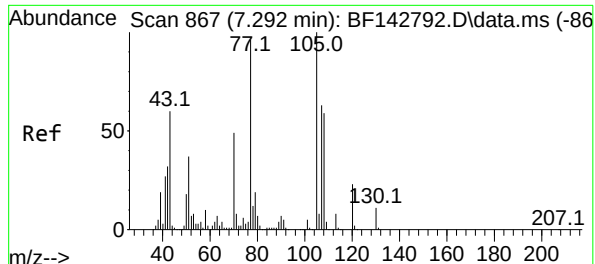
Tgt Ion:107 Resp: 154746
Ion Ratio Lower Upper
107 100
108 111.6 90.9 136.3
77 45.7 37.3 55.9
79 45.5 37.2 55.8



#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

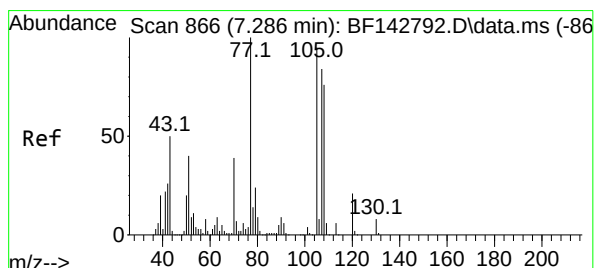
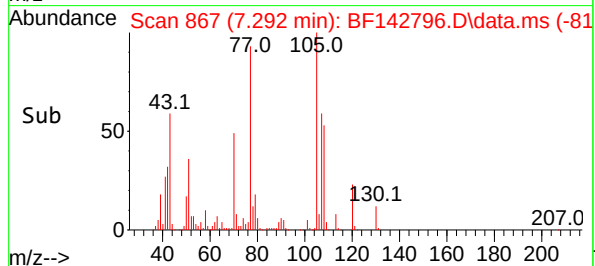
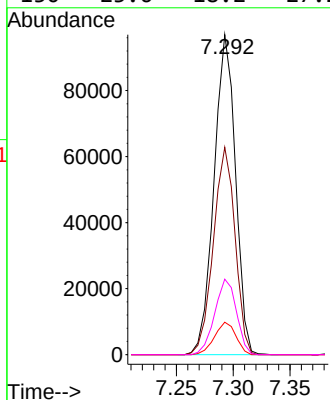
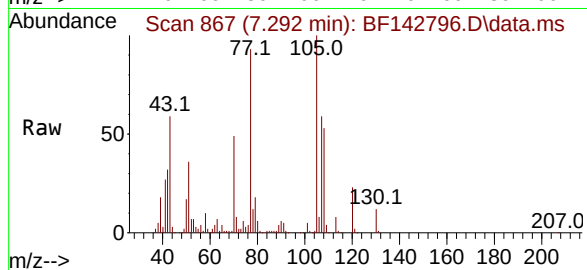
Ion Ratio Lower Upper

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

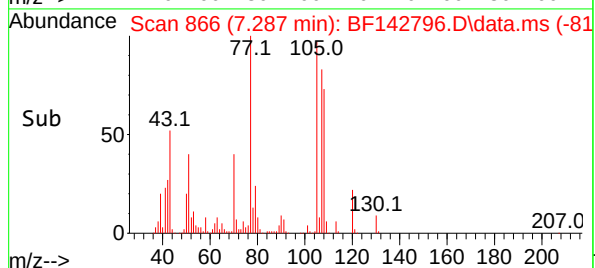
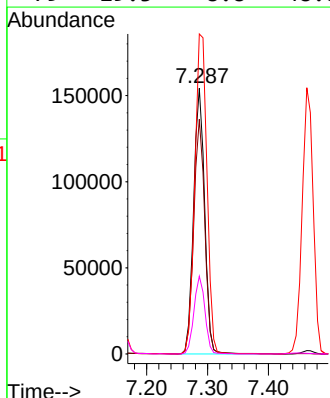
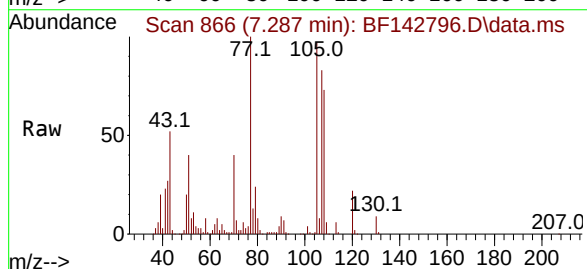
Ion Ratio Lower Upper

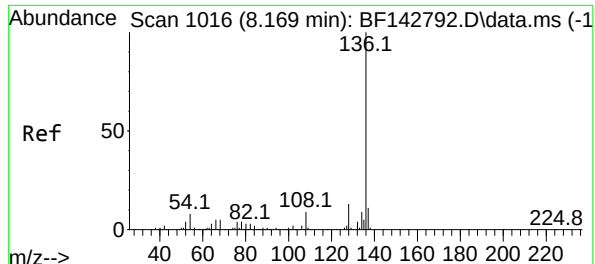
107 100

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# 1016

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

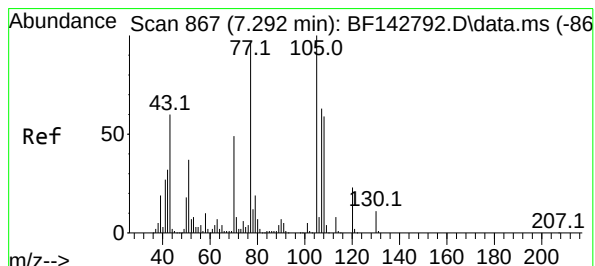
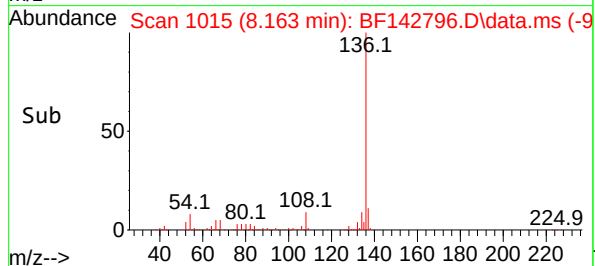
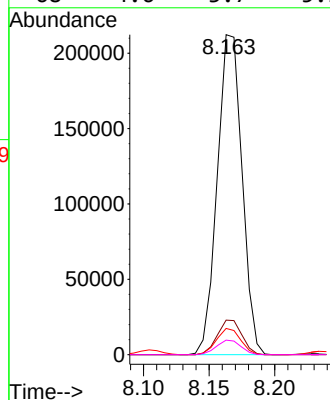
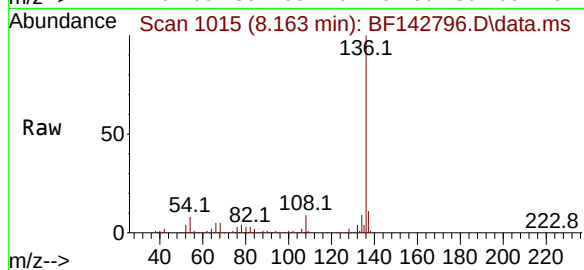
Ion Ratio Lower Upper

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

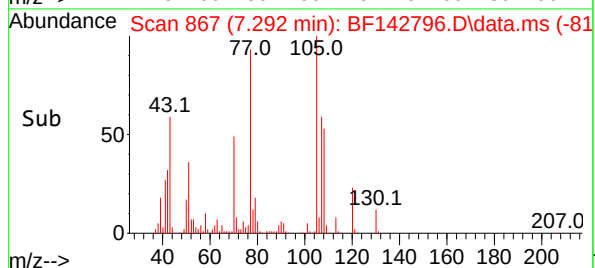
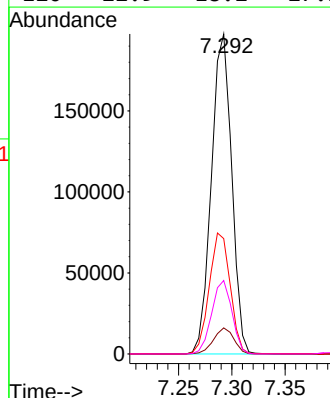
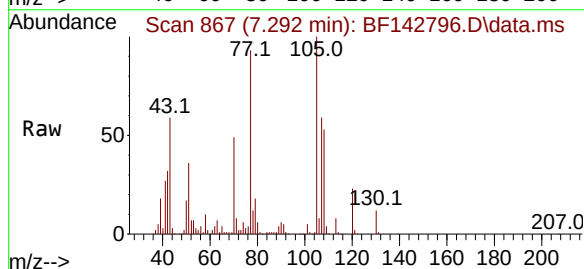
Ion Ratio Lower Upper

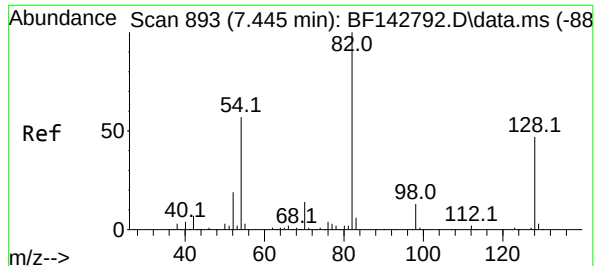
105 100

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

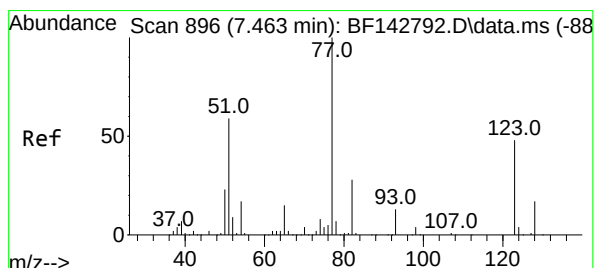
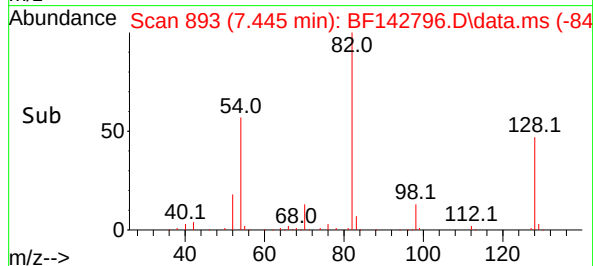
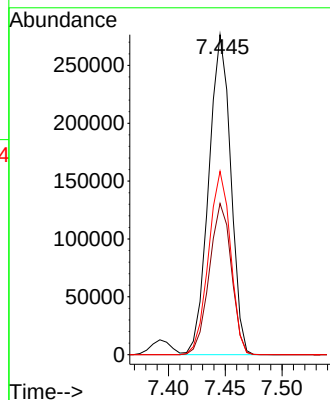
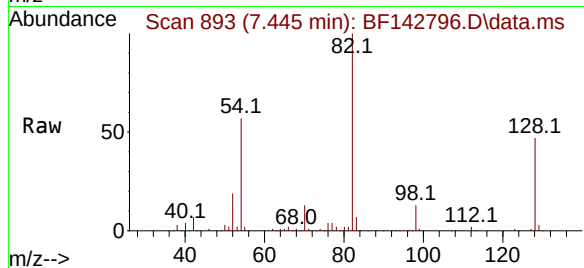
Tgt Ion: 82 Resp: 373199

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

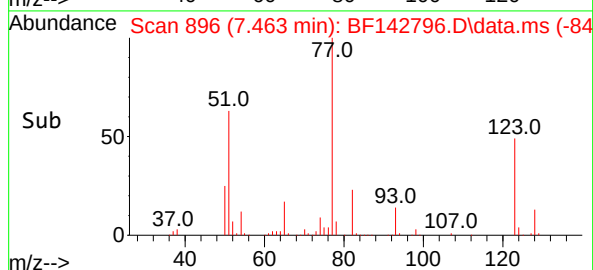
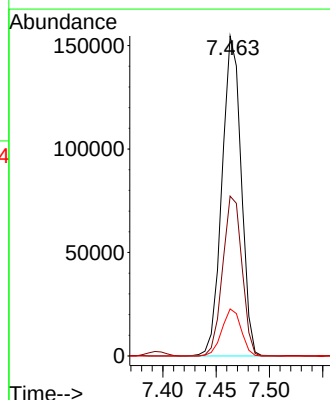
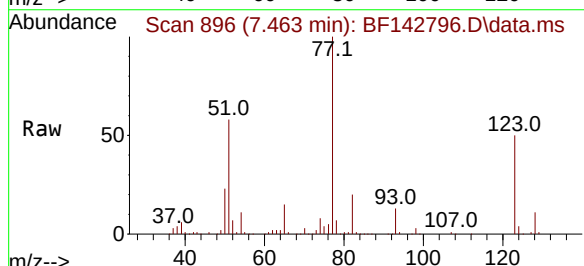
Tgt Ion: 77 Resp: 193310

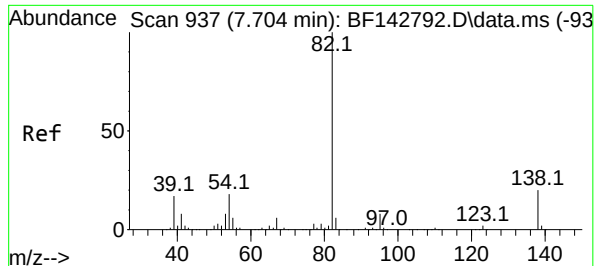
Ion Ratio Lower Upper

77 100

123 50.0 39.2 58.8

65 14.7 11.6 17.4

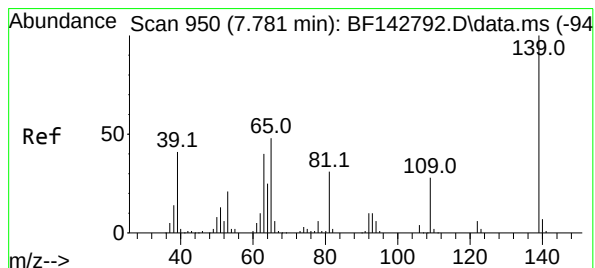
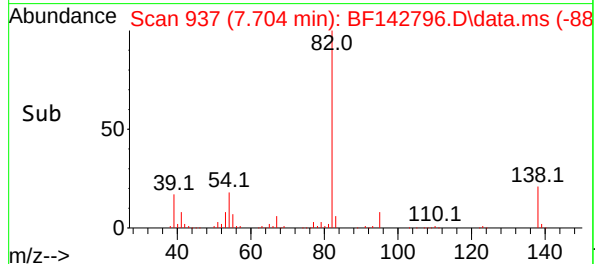
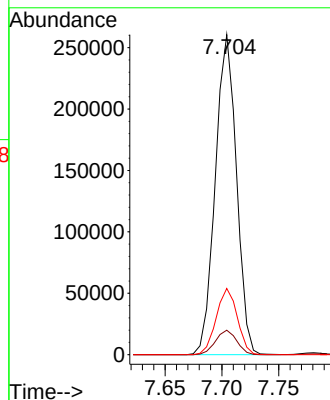
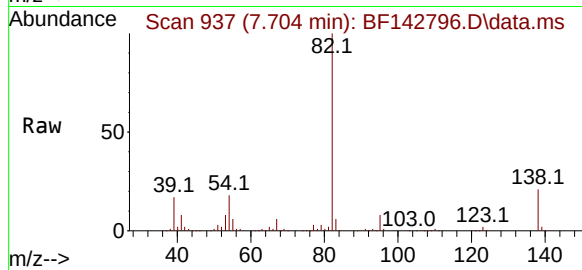




#25
Isophorone
Concen: 41.403 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

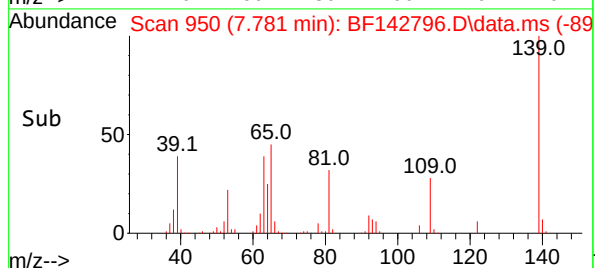
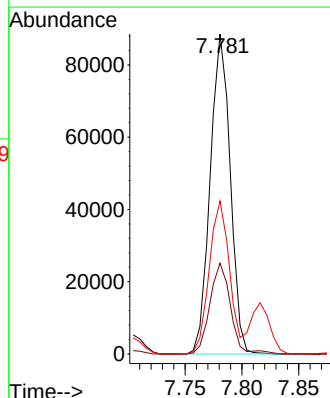
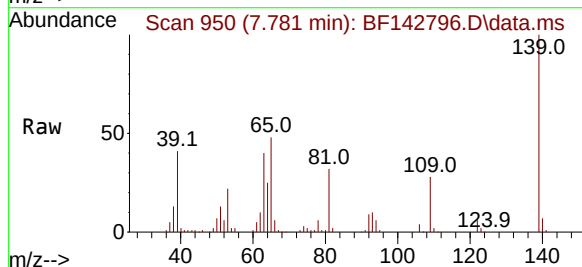
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

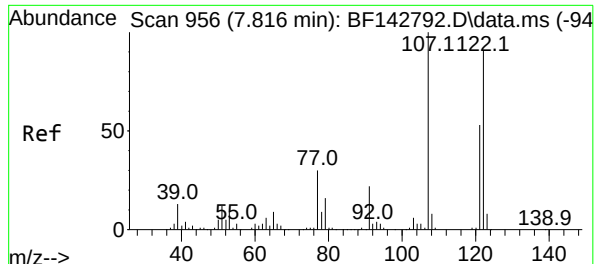
Tgt Ion:	82	Resp:	338001
Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	20.7	16.2	24.4



#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

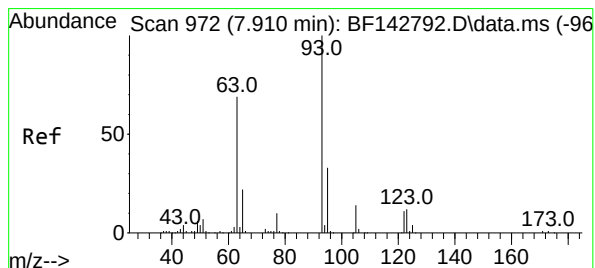
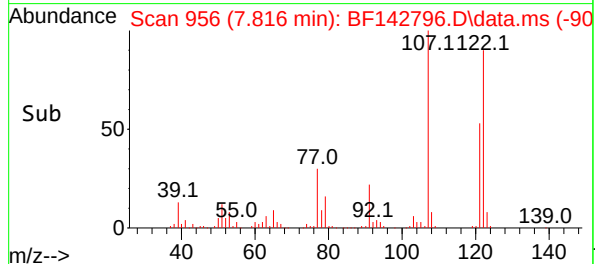
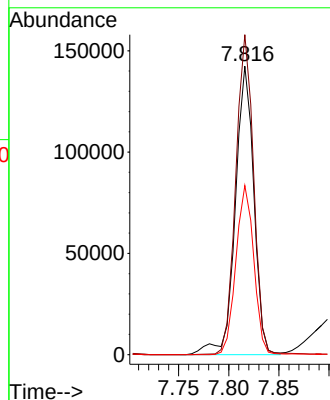
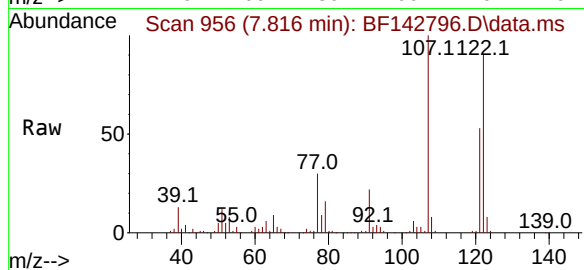
Tgt Ion:122 Resp: 183273

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

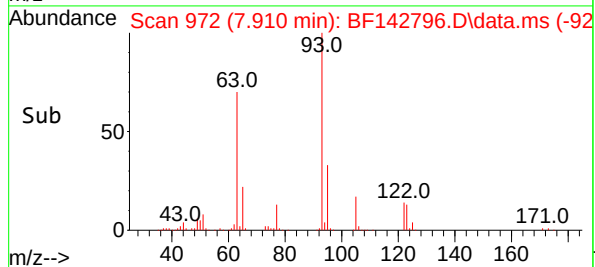
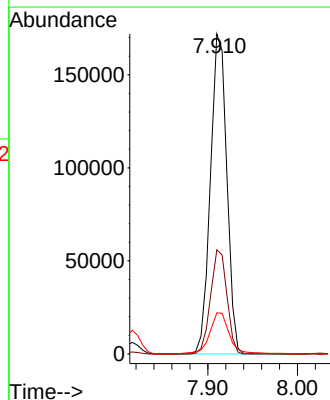
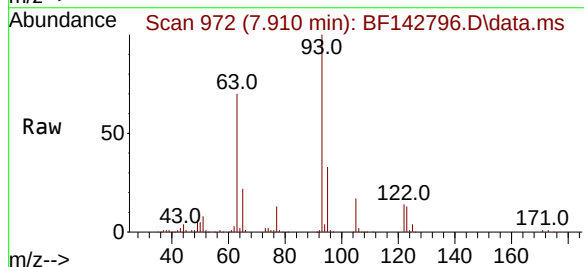
Tgt Ion: 93 Resp: 217774

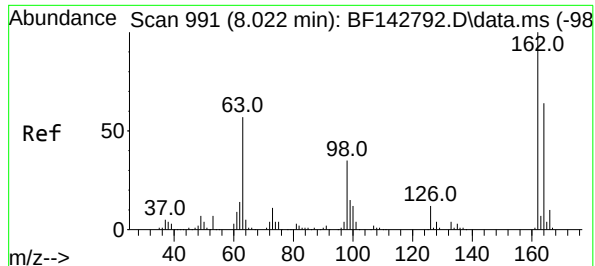
Ion Ratio Lower Upper

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

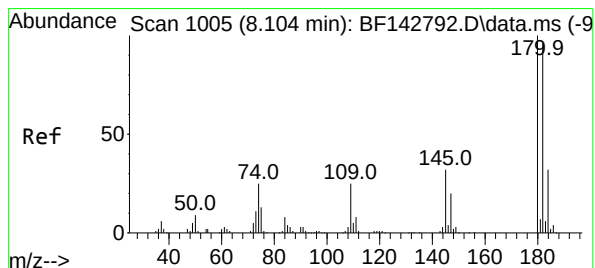
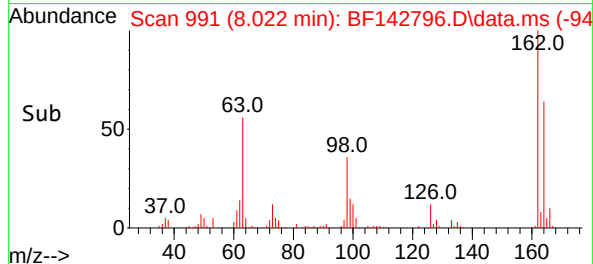
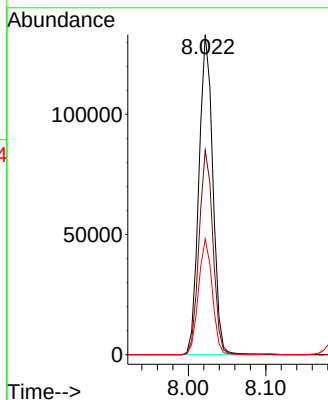
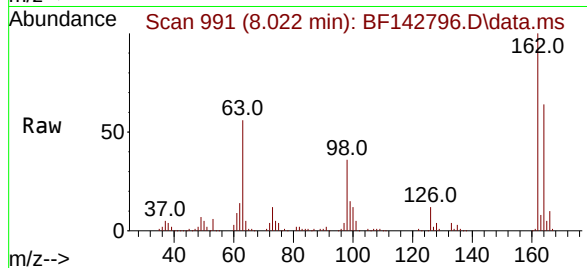
Tgt Ion:162 Resp: 166286

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

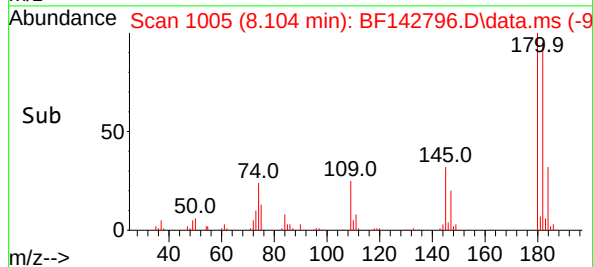
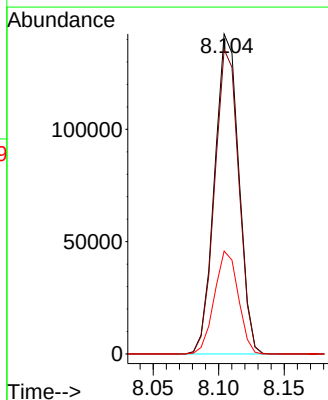
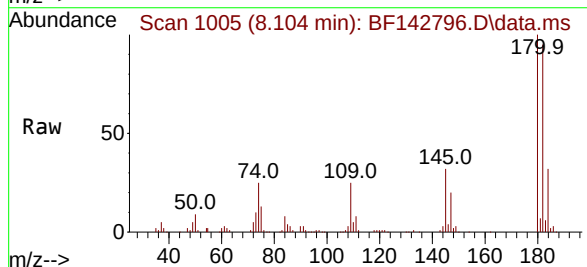
Tgt Ion:180 Resp: 182768

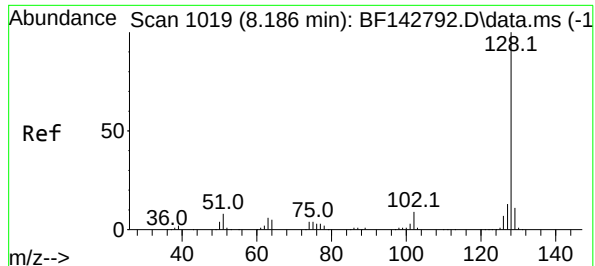
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

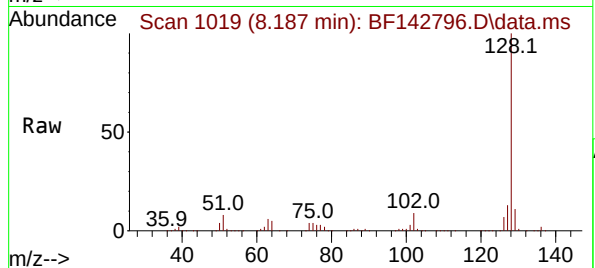
145 32.1 25.8 38.8



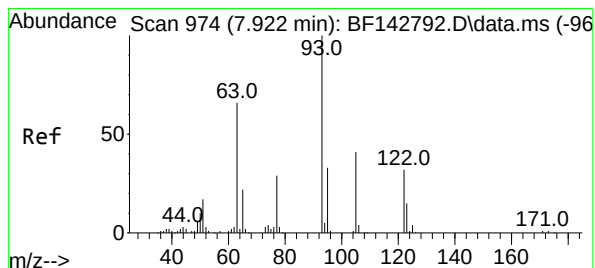
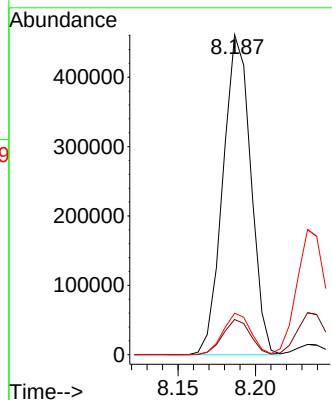
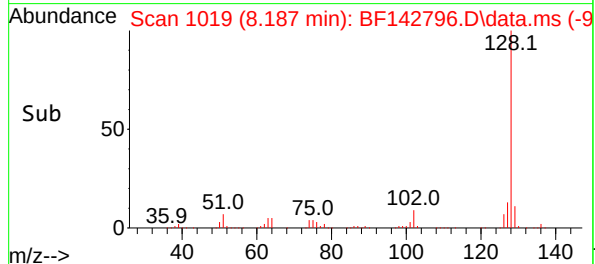


#31
Naphthalene
Concen: 42.218 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

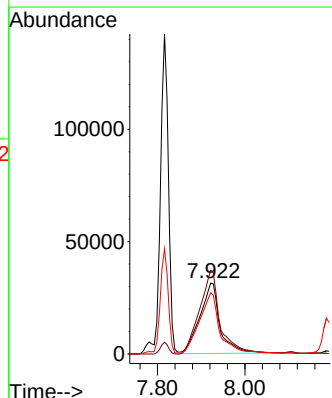
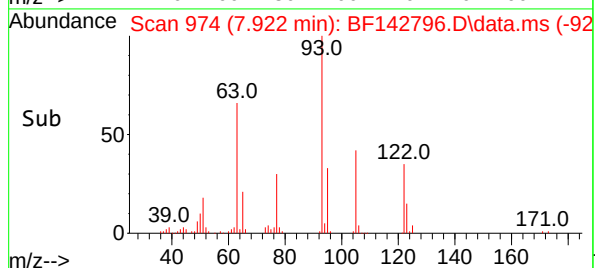
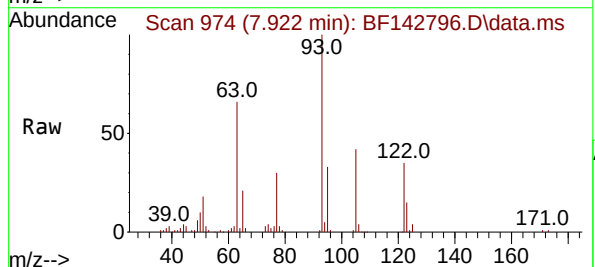


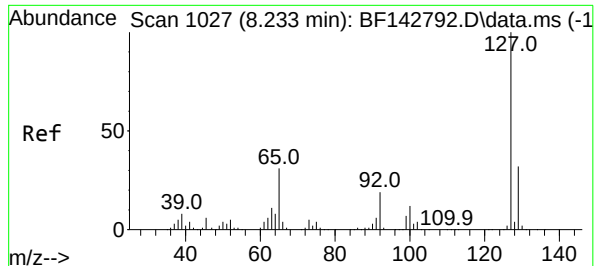
Tgt Ion:128 Resp: 576847
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.4 15.6



#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

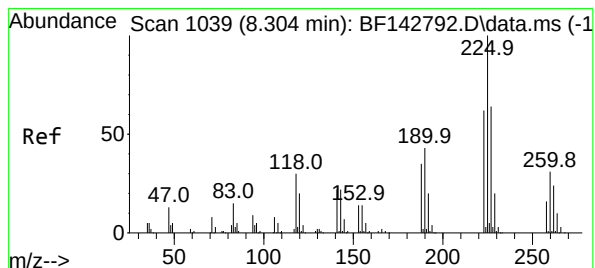
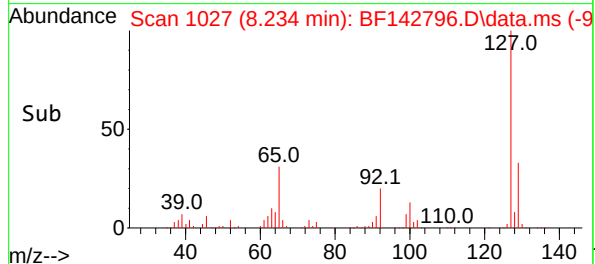
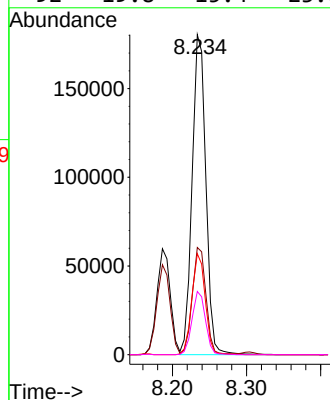
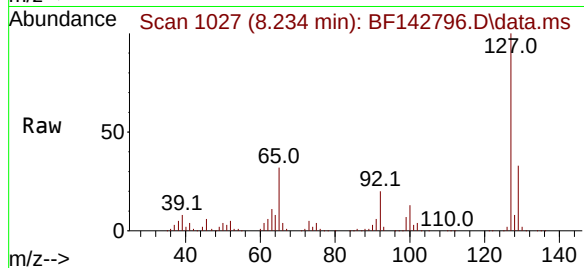
Ion Ratio Lower Upper

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

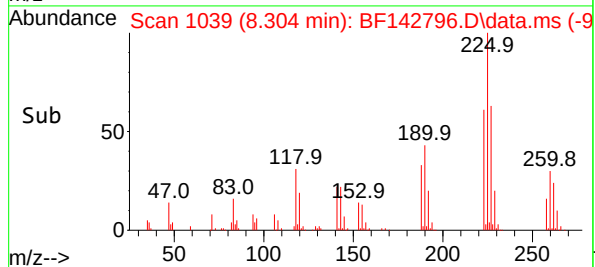
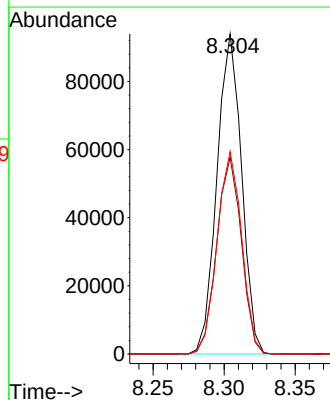
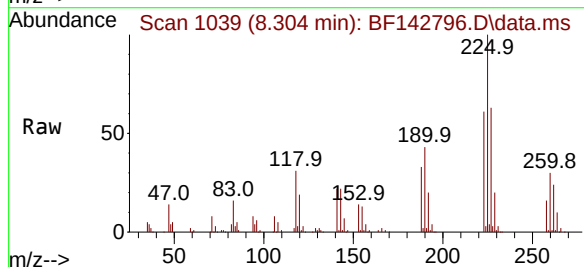
Tgt Ion:225 Resp: 113068

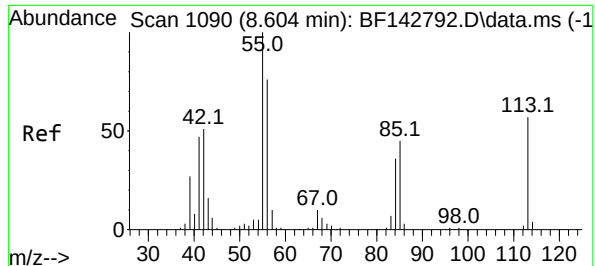
Ion Ratio Lower Upper

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

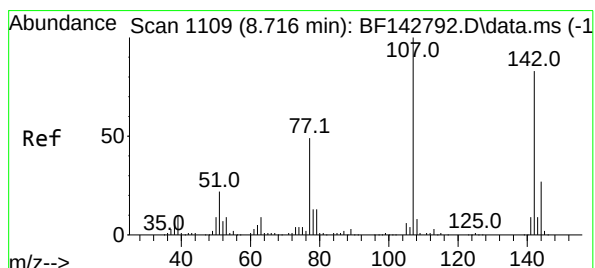
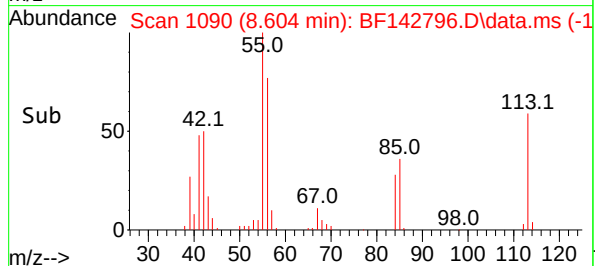
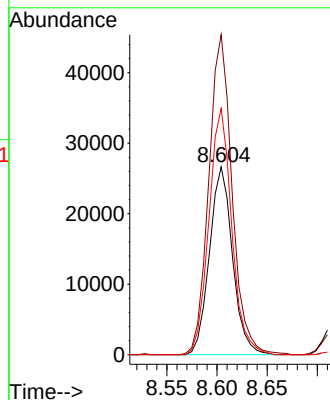
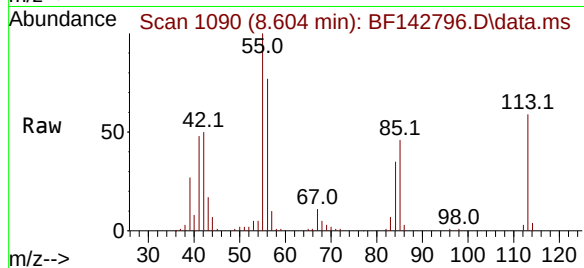
Tgt Ion:113 Resp: 42561

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

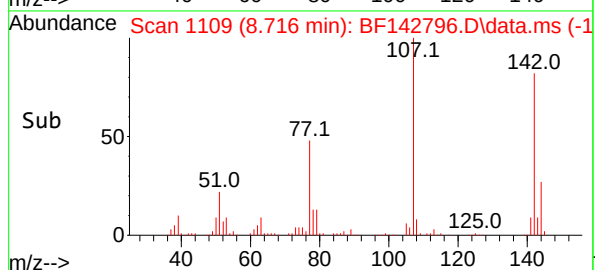
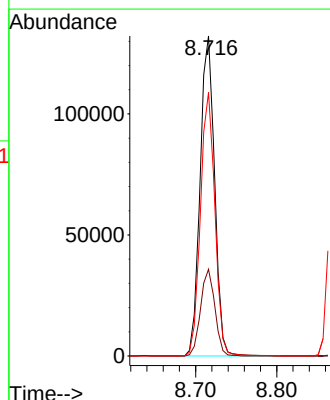
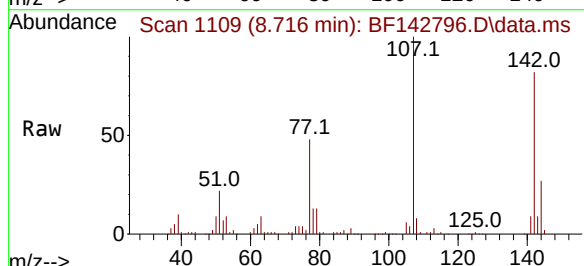
Tgt Ion:107 Resp: 164064

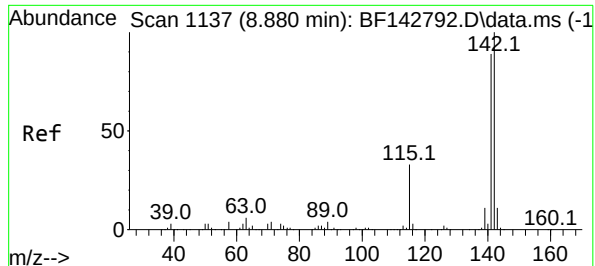
Ion Ratio Lower Upper

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 :

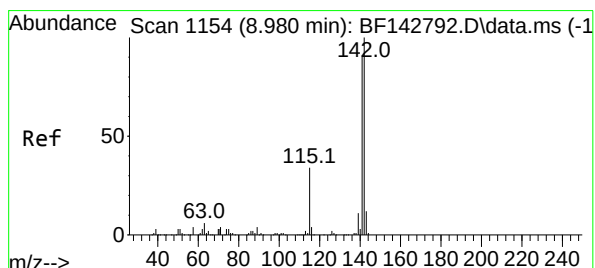
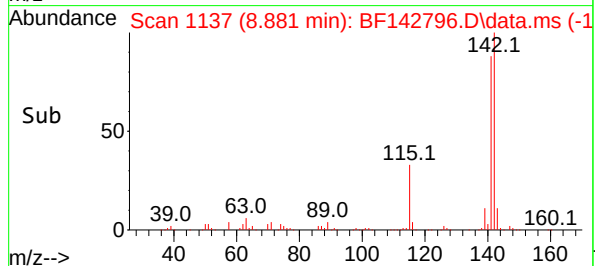
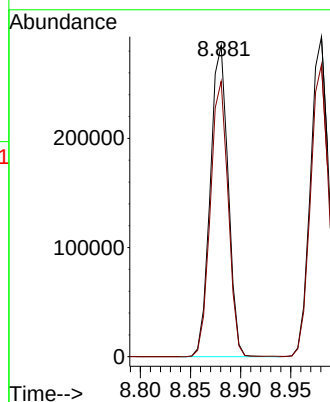
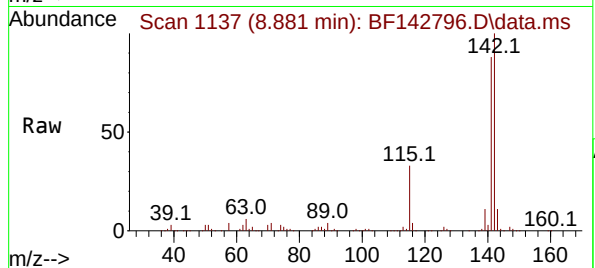
ICVBF061925

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

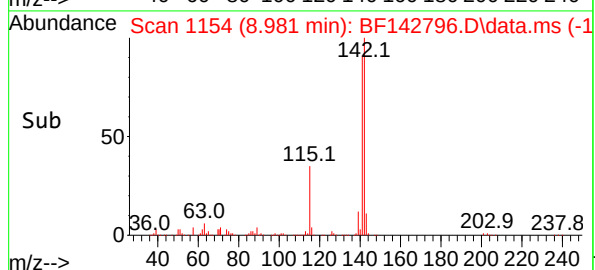
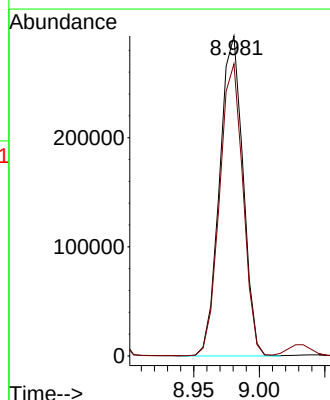
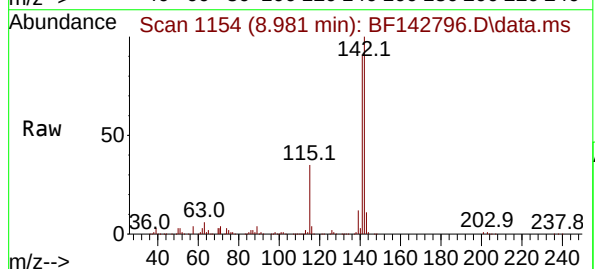
Acq: 19 Jun 2025 21:10

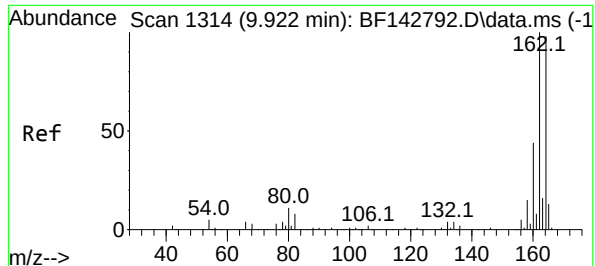
Tgt Ion:142 Resp: 364378

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# 11

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

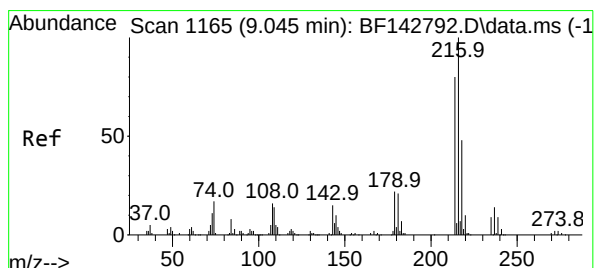
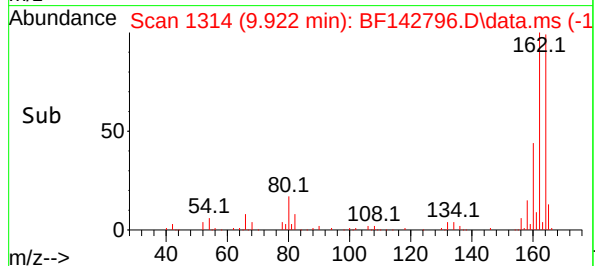
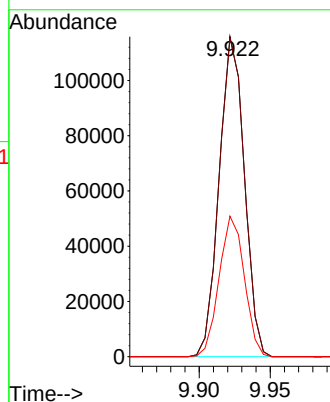
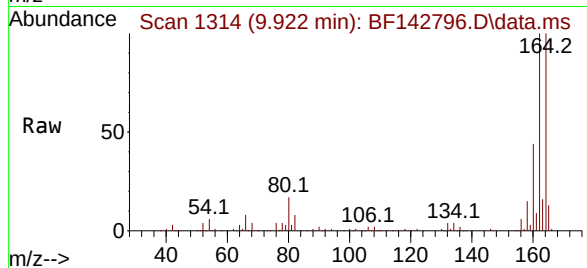
Tgt Ion:164 Resp: 142968

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

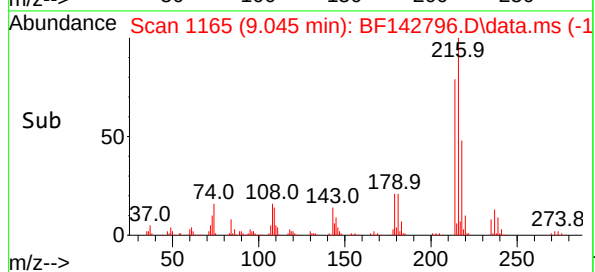
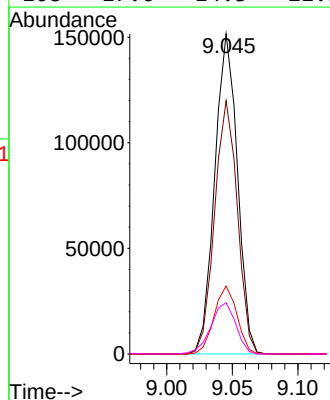
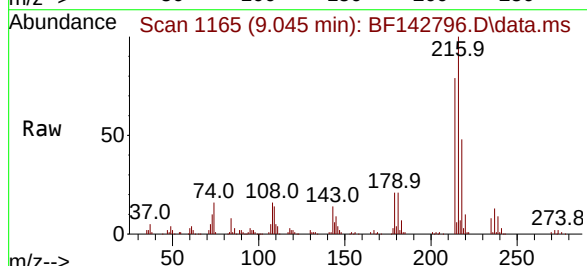
Ion Ratio Lower Upper

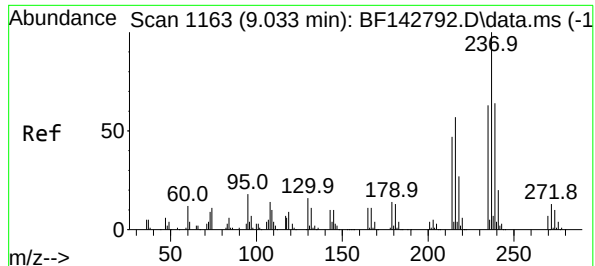
216 100

214 79.1 63.7 95.5

179 21.3 17.6 26.4

108 17.6 14.3 21.5

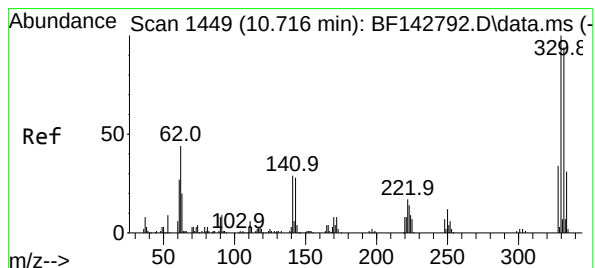
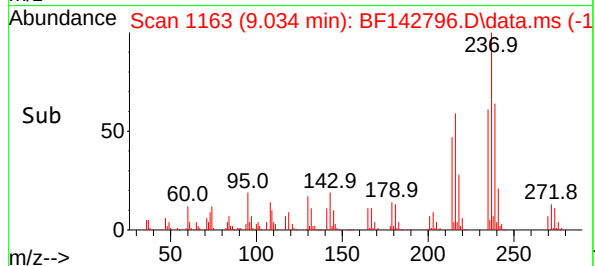
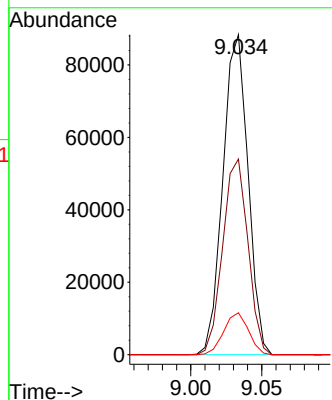
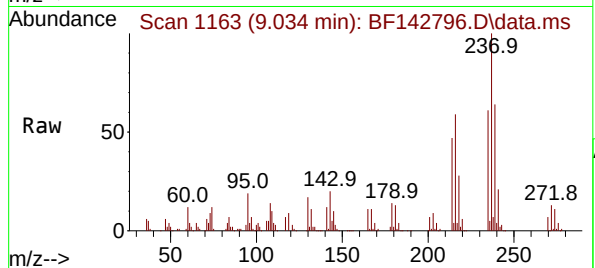




#41
Hexachlorocyclopentadiene
Concen: 45.361 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

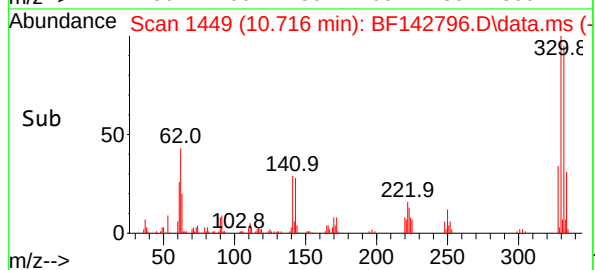
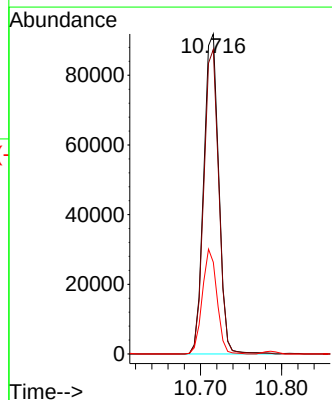
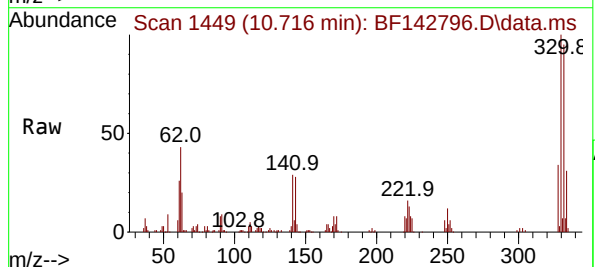
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

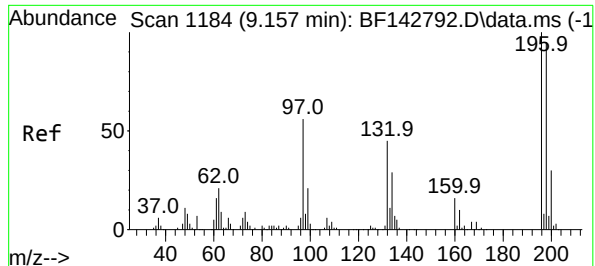
Tgt Ion:237 Resp: 108592
Ion Ratio Lower Upper
237 100
235 61.2 43.4 83.4
272 13.1 0.0 32.7



#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

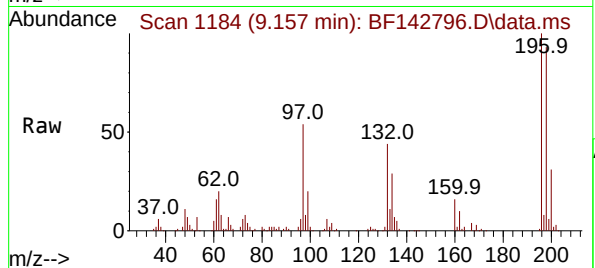
Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925



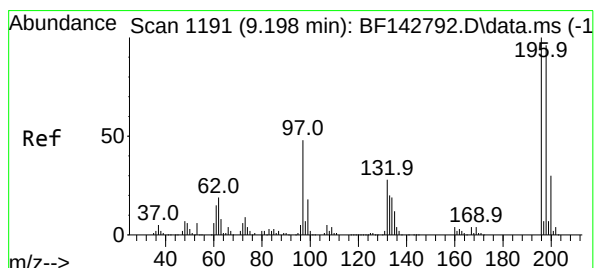
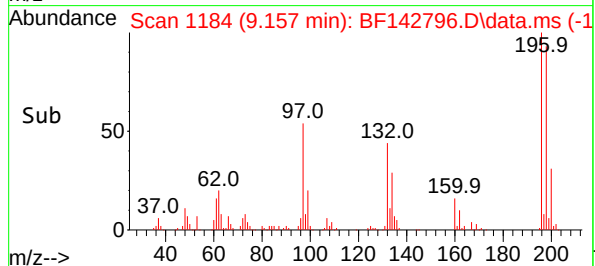
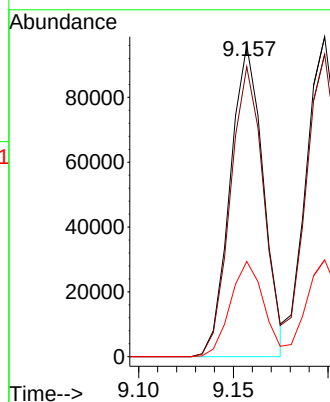
Tgt Ion:196 Resp: 116946

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

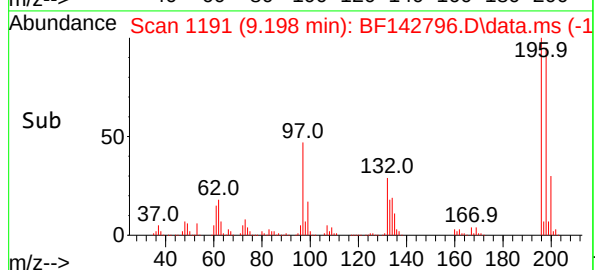
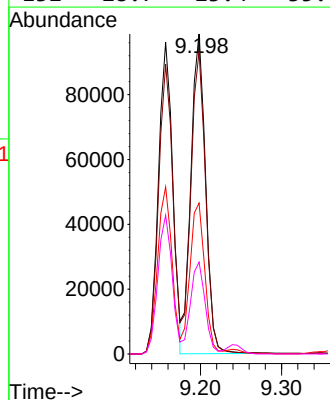
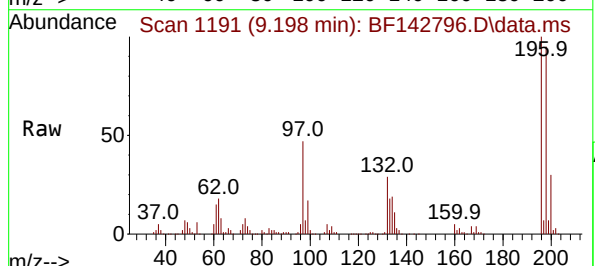
Ion Ratio Lower Upper

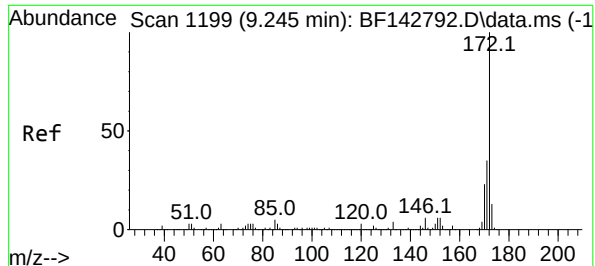
196 100

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

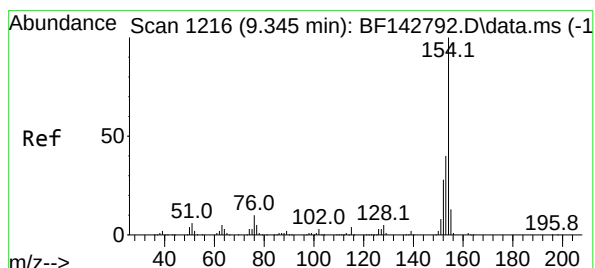
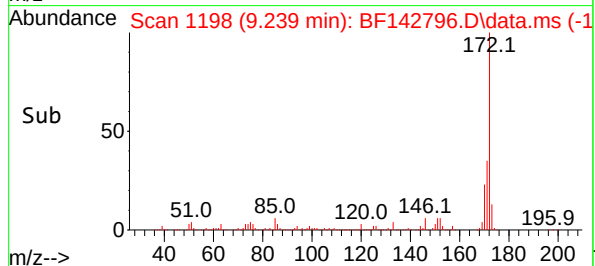
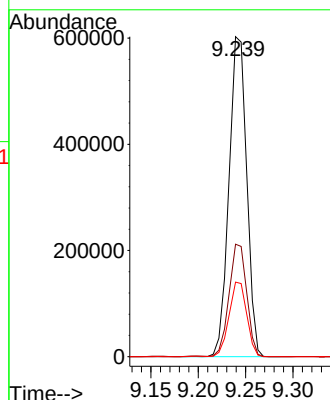
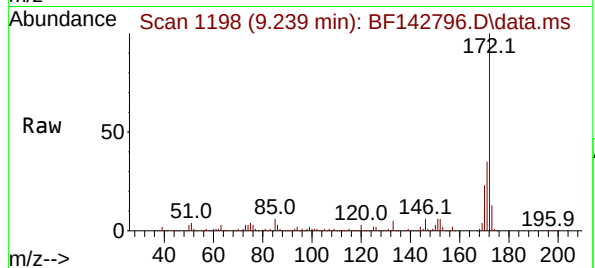
Tgt Ion:172 Resp: 785440

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

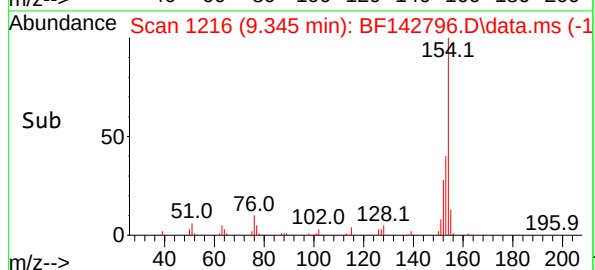
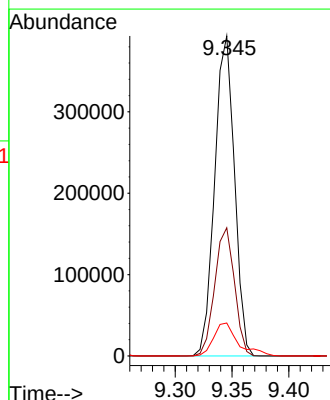
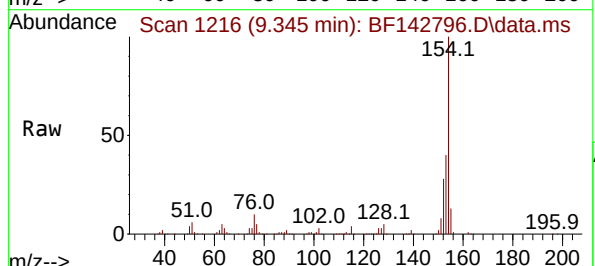
Tgt Ion:154 Resp: 476133

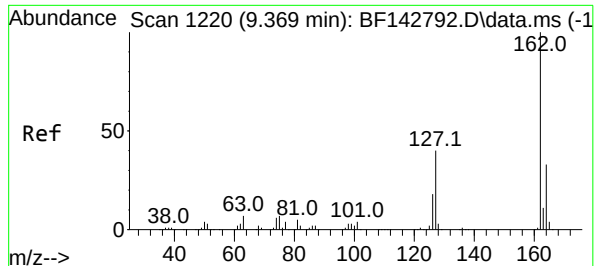
Ion Ratio Lower Upper

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

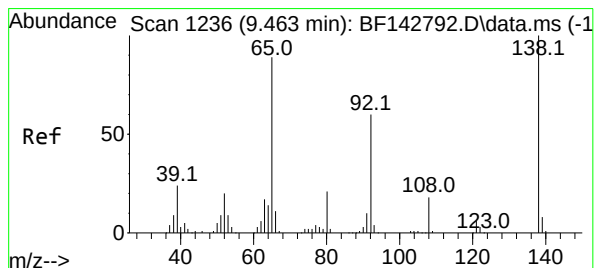
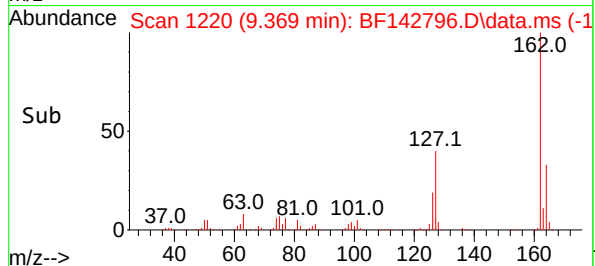
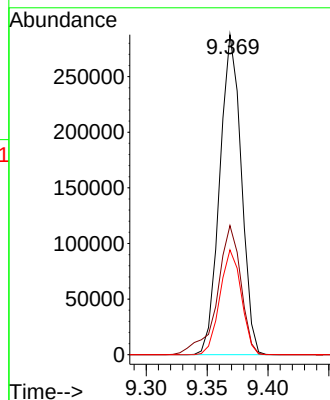
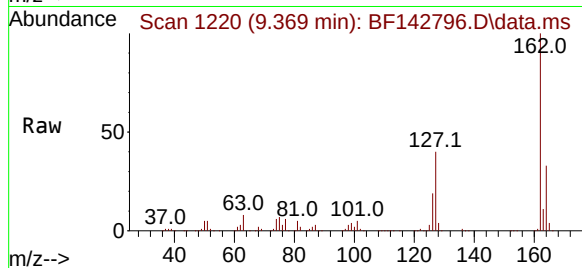
Tgt Ion:162 Resp: 354405

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

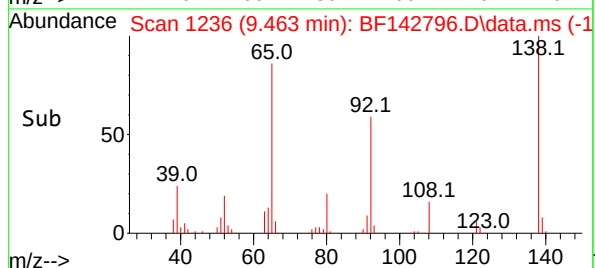
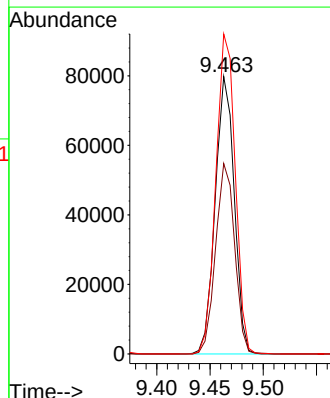
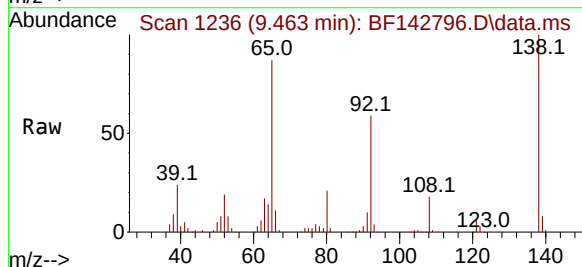
Tgt Ion: 65 Resp: 99137

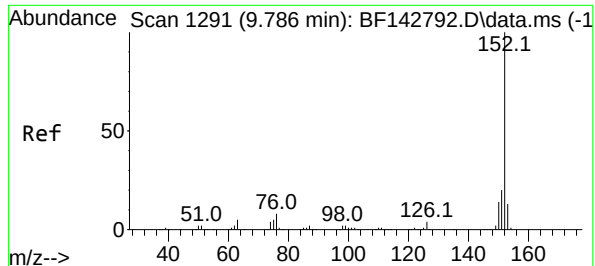
Ion Ratio Lower Upper

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

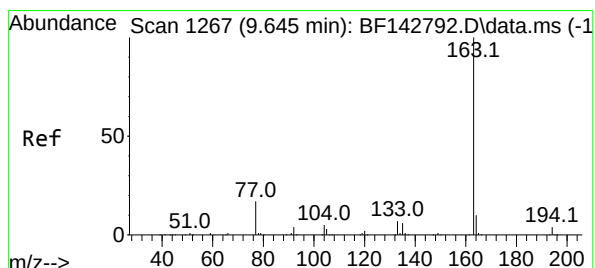
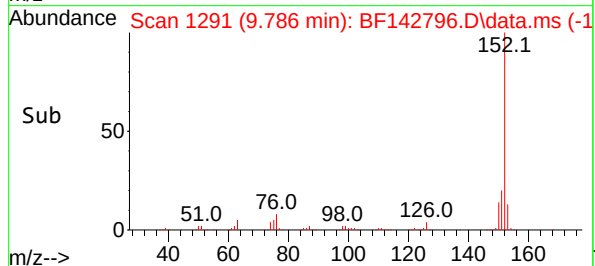
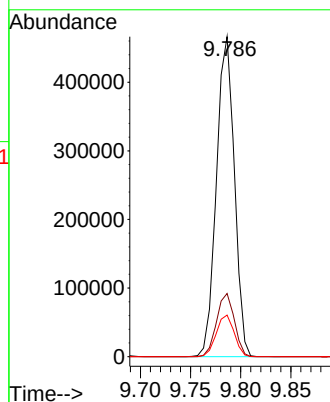
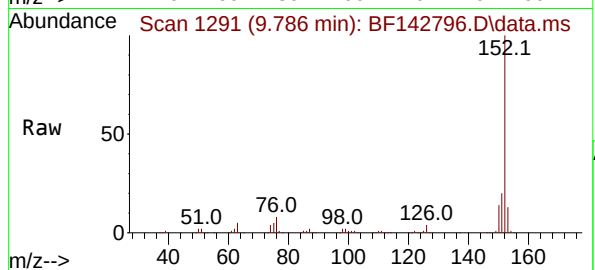
Tgt Ion:152 Resp: 580204

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

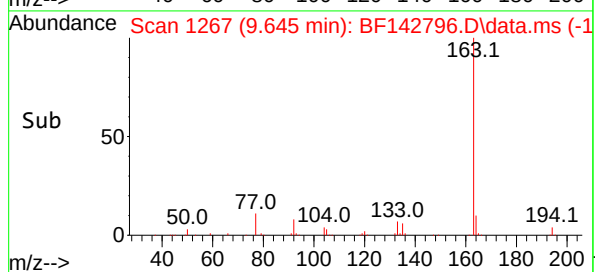
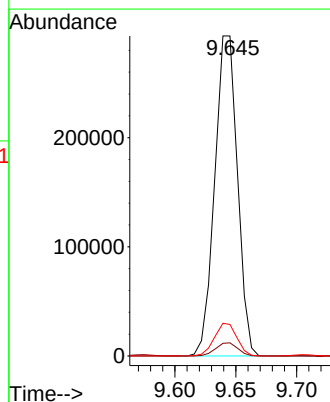
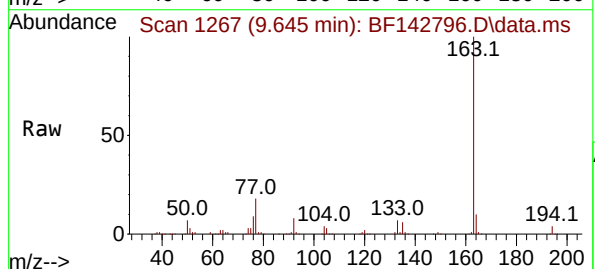
Tgt Ion:163 Resp: 381573

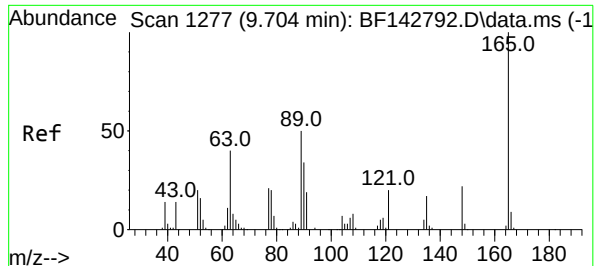
Ion Ratio Lower Upper

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

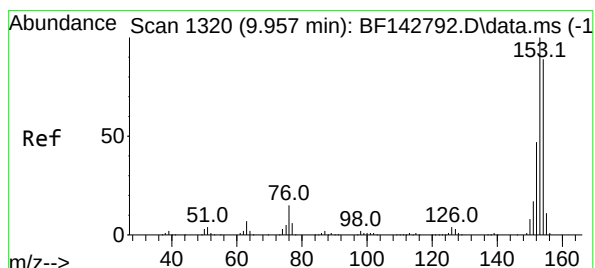
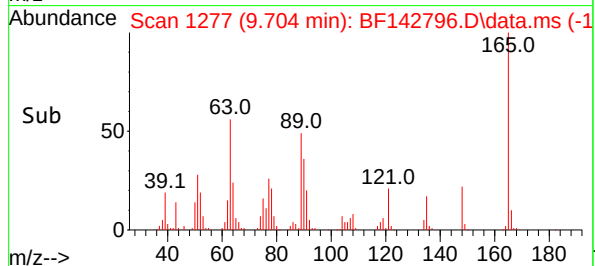
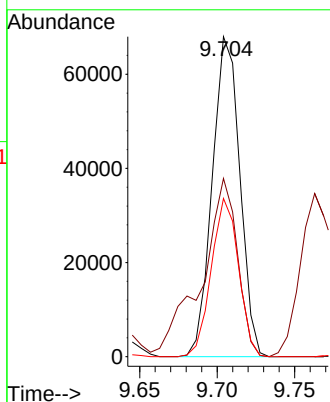
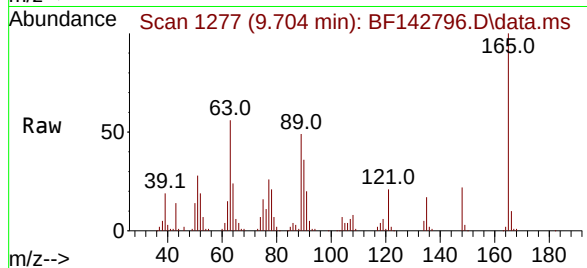
Tgt Ion:165 Resp: 84111

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

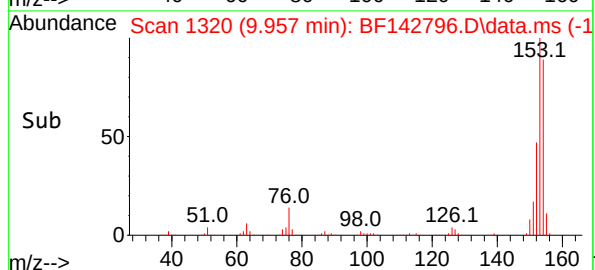
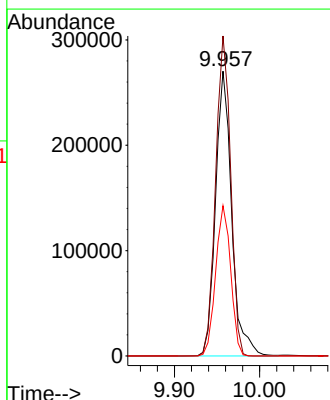
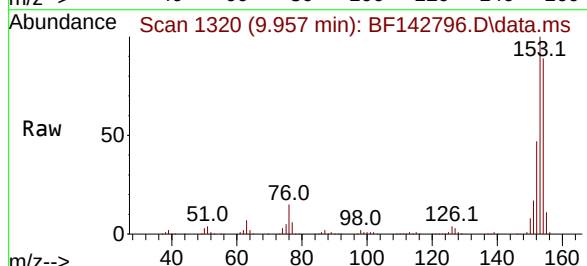
Tgt Ion:154 Resp: 356031

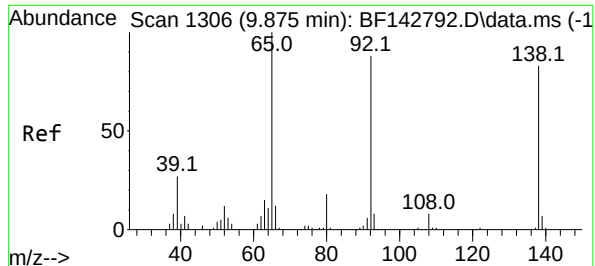
Ion Ratio Lower Upper

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

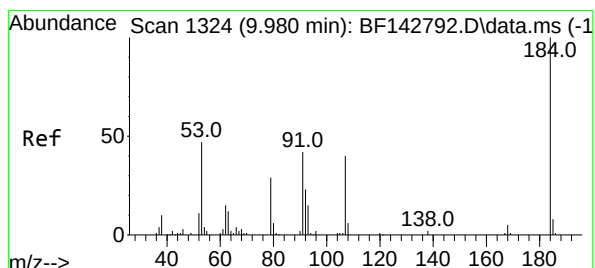
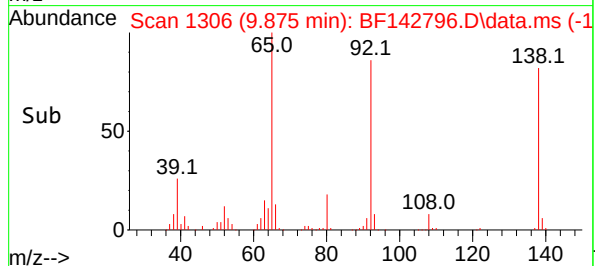
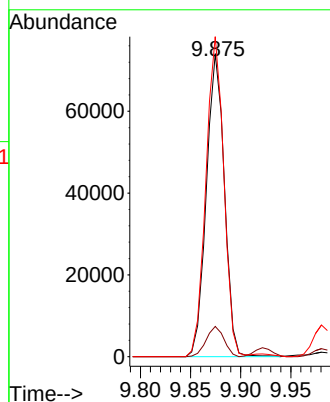
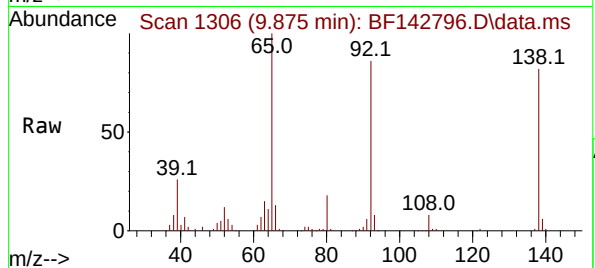
Tgt Ion:138 Resp: 92889

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

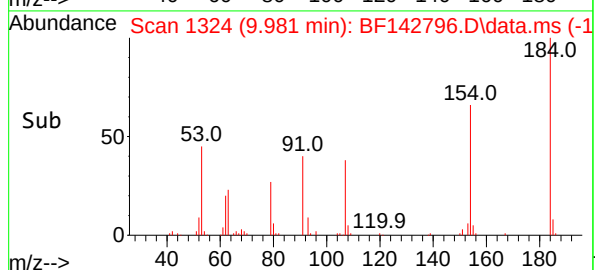
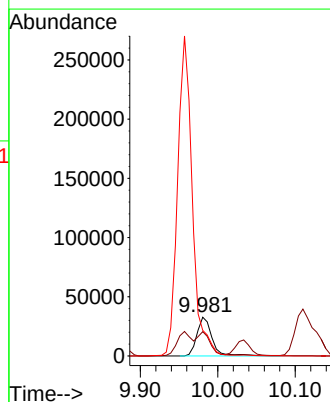
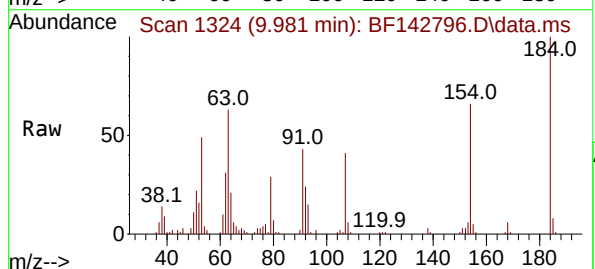
Tgt Ion:184 Resp: 44513

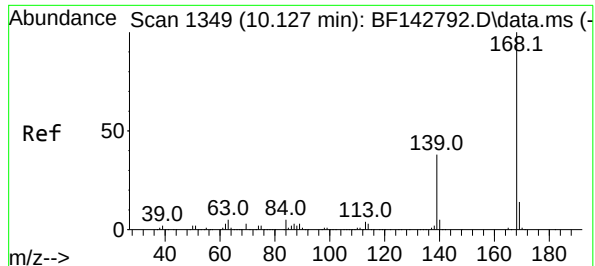
Ion Ratio Lower Upper

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

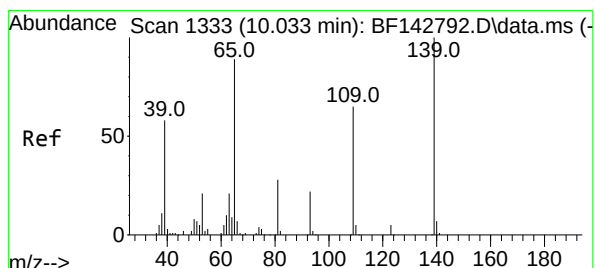
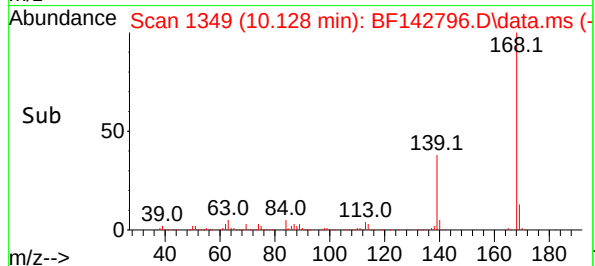
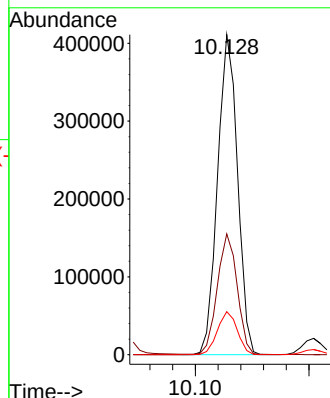
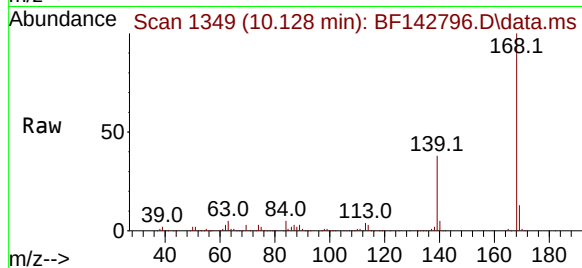
Tgt Ion:168 Resp: 502290

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

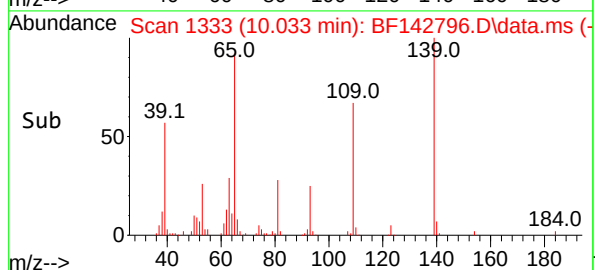
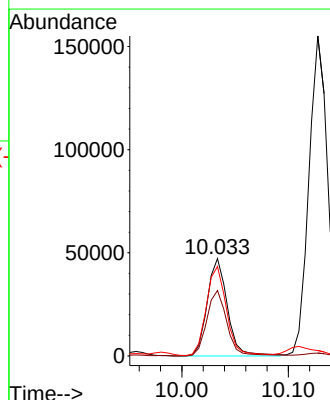
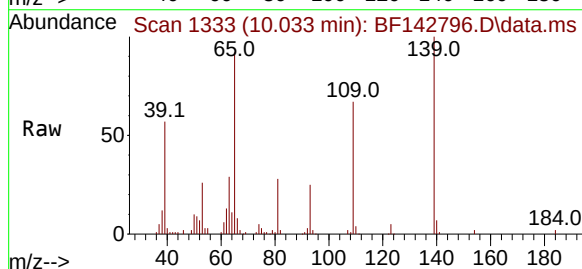
Tgt Ion:139 Resp: 62127

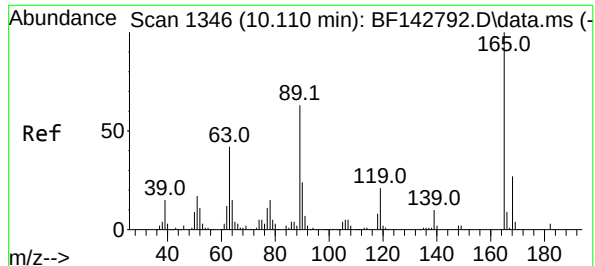
Ion Ratio Lower Upper

139 100

109 67.2 44.7 84.7

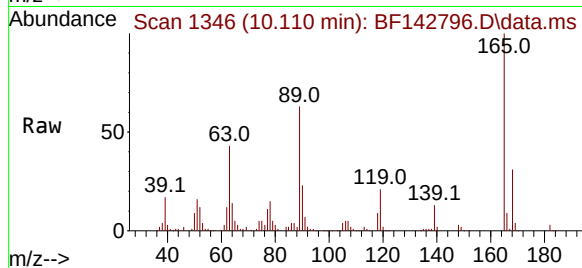
65 91.8 69.8 109.8



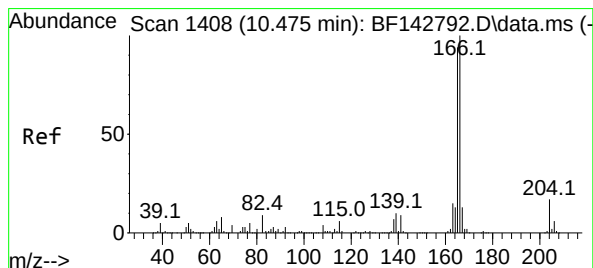
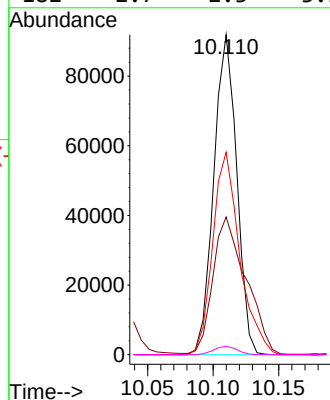
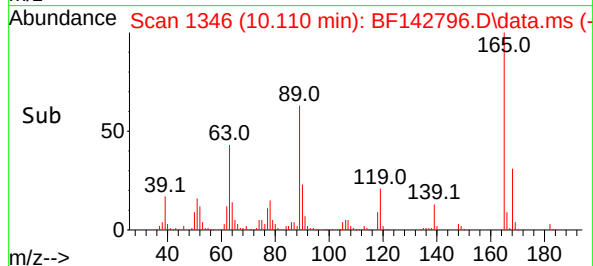


#57
2,4-Dinitrotoluene
Concen: 41.358 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

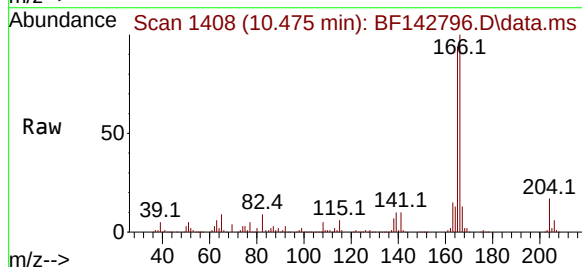
Instrument :
BNA_F
ClientSampleId :
ICVBF061925



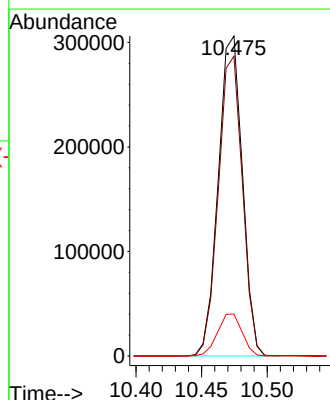
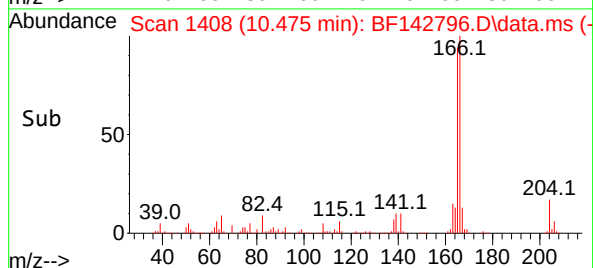
Tgt Ion:165 Resp: 111649
Ion Ratio Lower Upper
165 100
63 43.0 33.9 50.9
89 63.3 50.6 75.8
182 2.7 2.3 3.5

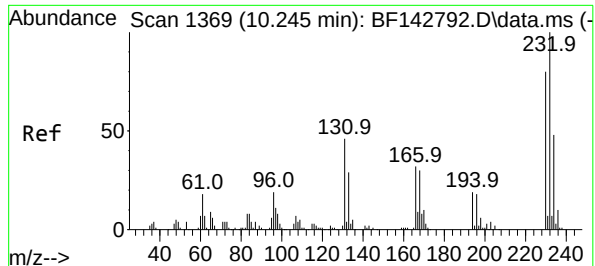


#58
Fluorene
Concen: 41.052 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10



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

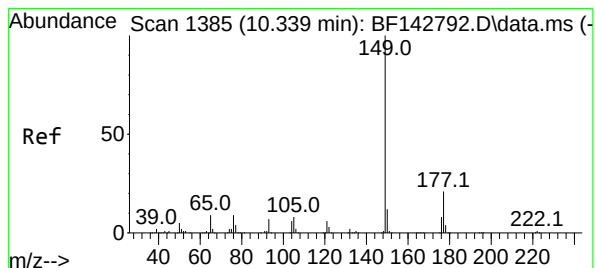
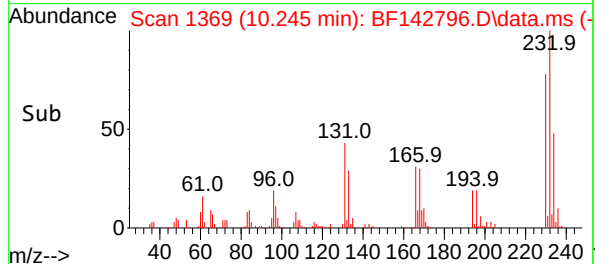
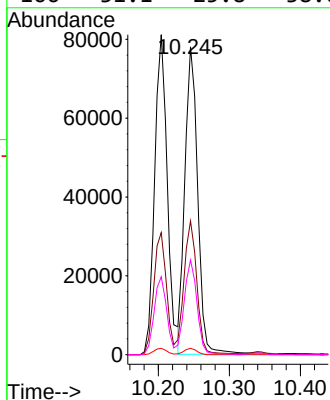
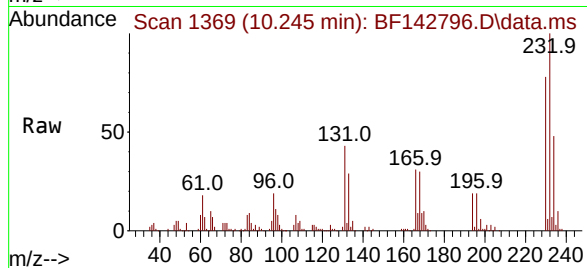




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.857 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

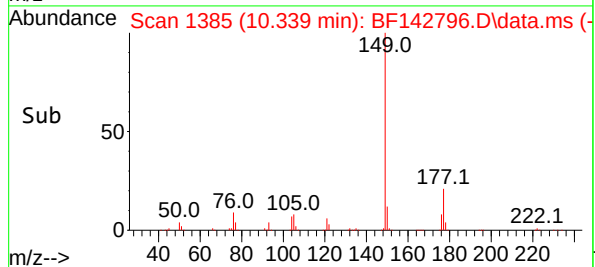
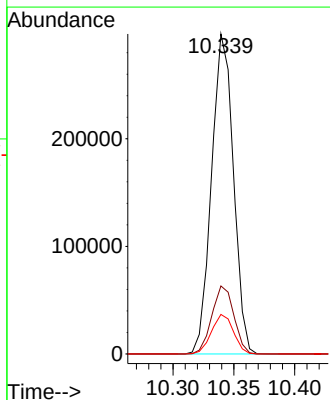
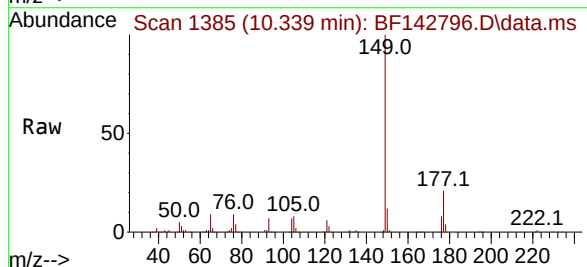
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

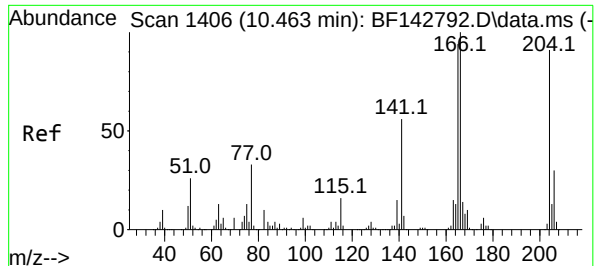
Tgt Ion:232 Resp: 97630
Ion Ratio Lower Upper
232 100
131 44.4 37.6 56.4
130 2.1 1.7 2.5
166 31.1 25.8 38.6



#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

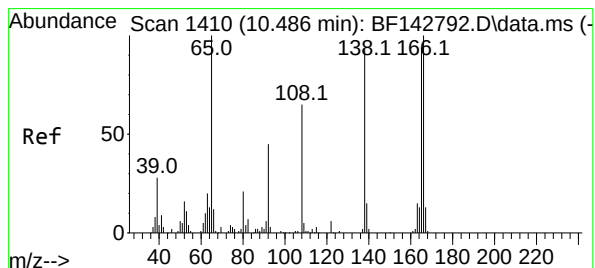
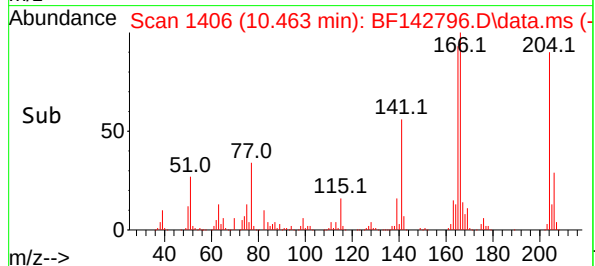
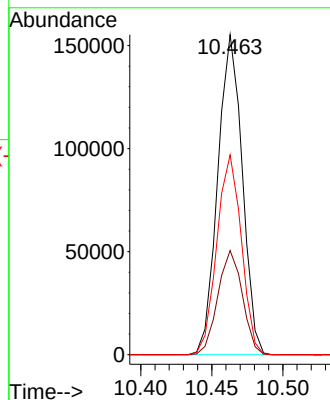
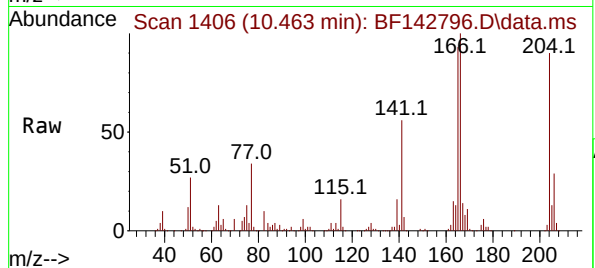




#61
4-Chlorophenyl-phenylether
Concen: 40.862 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

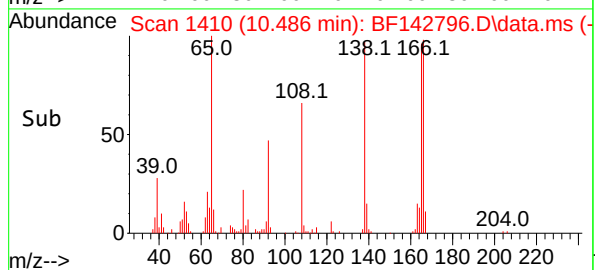
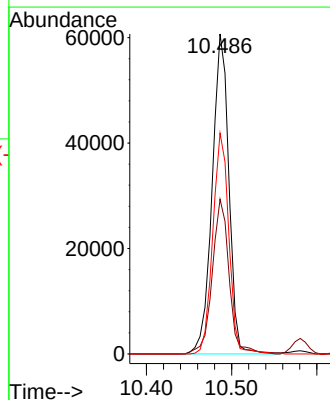
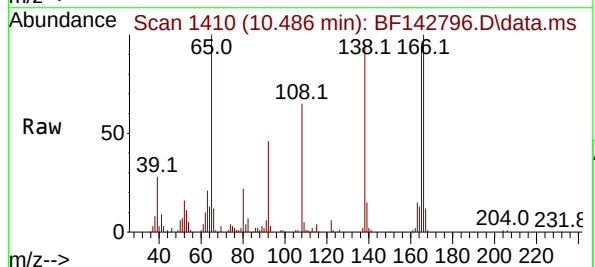
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

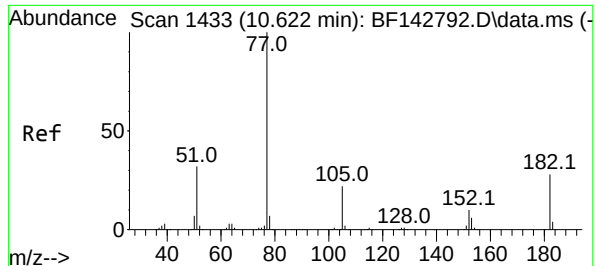
Tgt Ion:204 Resp: 185884
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 62.5 49.1 73.7



#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

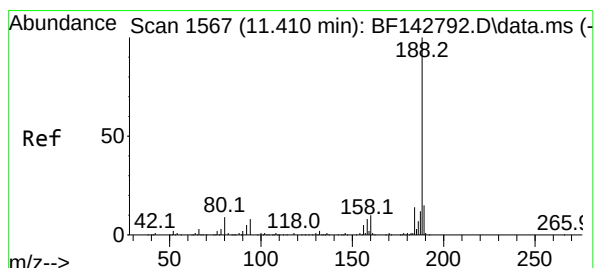
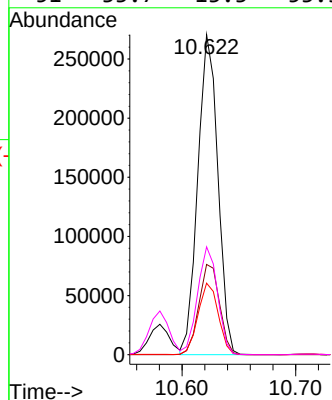
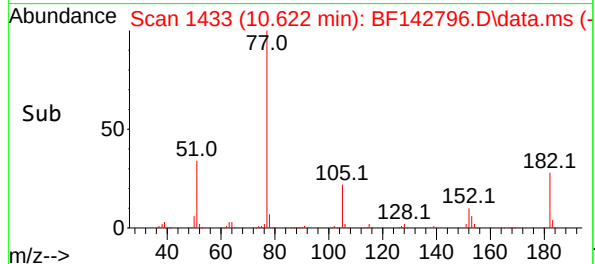
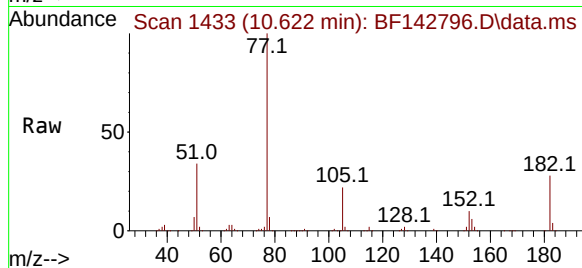




#63
Azobenzene
Concen: 41.025 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

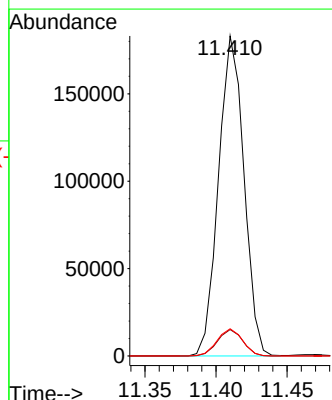
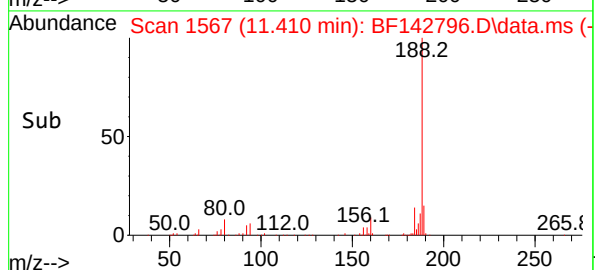
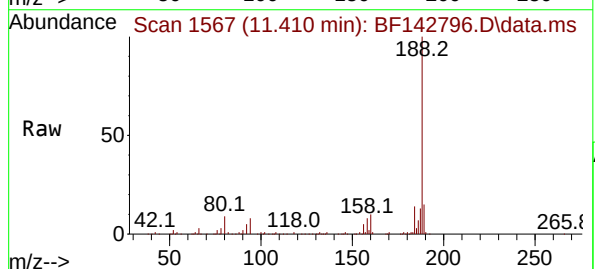
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

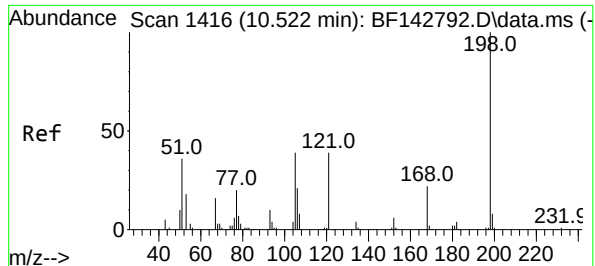
Tgt Ion:	77	Resp:	332701
Ion	Ratio	Lower	Upper
77	100		
182	28.2	7.7	47.7
105	22.4	1.9	41.9
51	33.7	13.3	53.3



#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

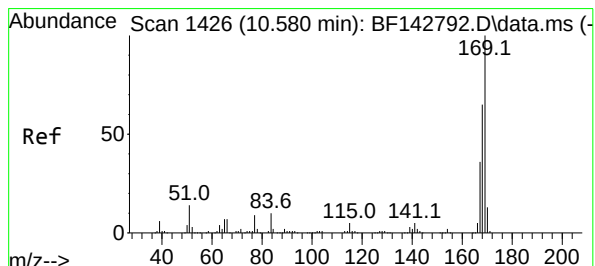
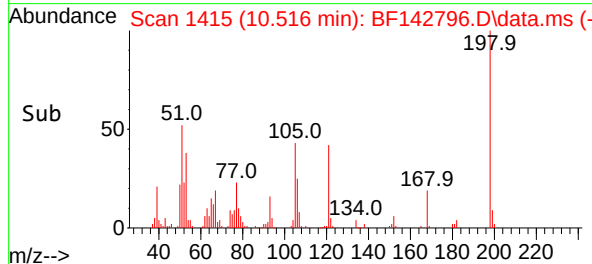
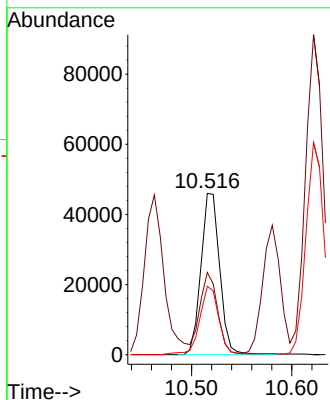
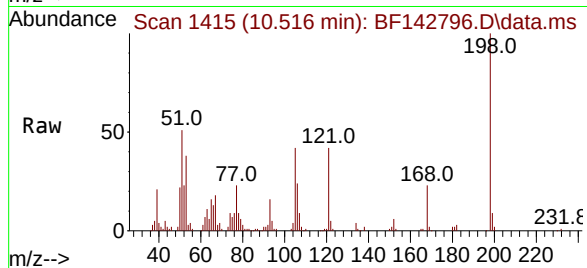




#65
4,6-Dinitro-2-methylphenol
Concen: 43.341 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

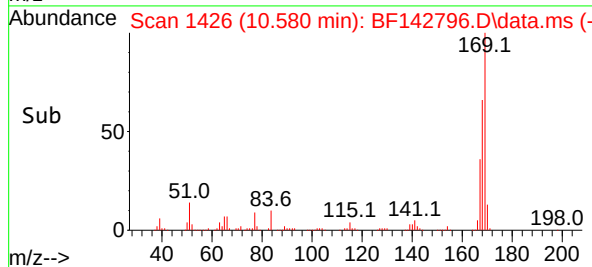
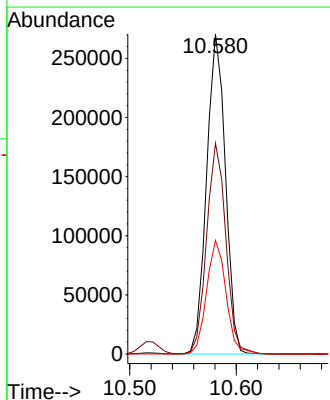
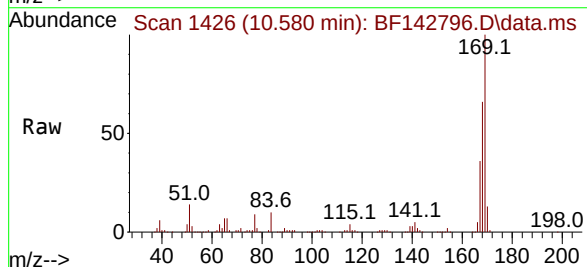
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

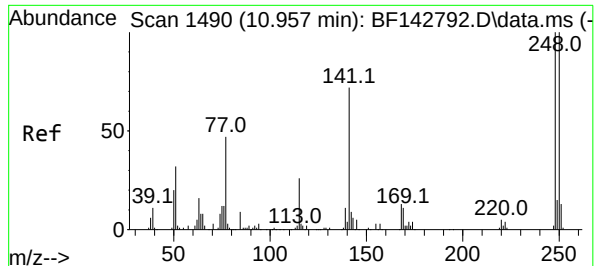
Tgt Ion:198 Resp: 59797
Ion Ratio Lower Upper
198 100
51 51.0 25.4 65.4
105 42.5 20.4 60.4



#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

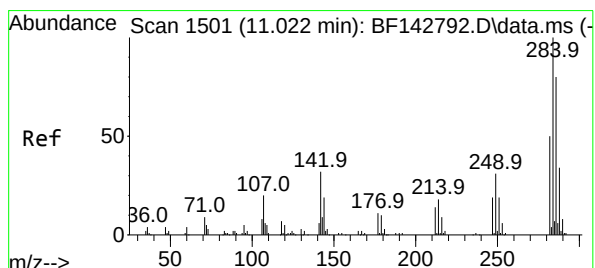
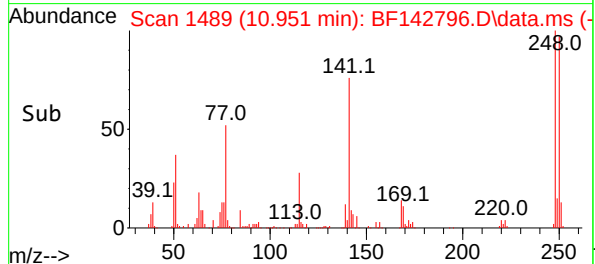
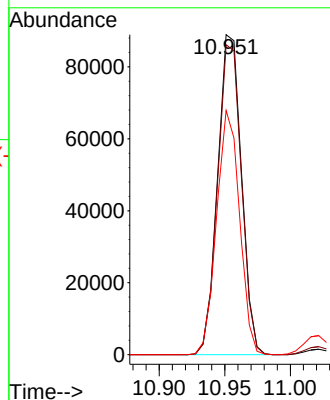
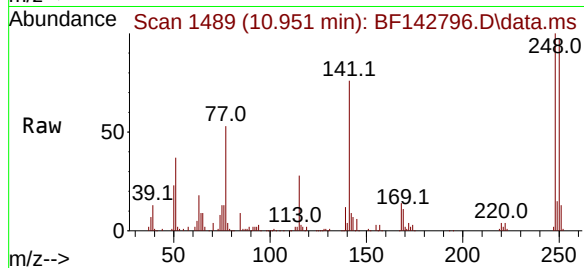




#67
4-Bromophenyl-phenylether
Concen: 43.376 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

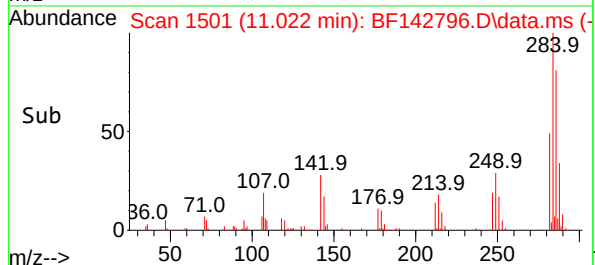
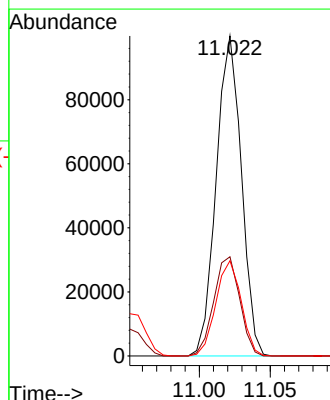
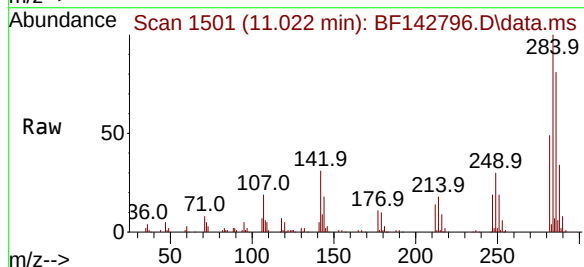
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

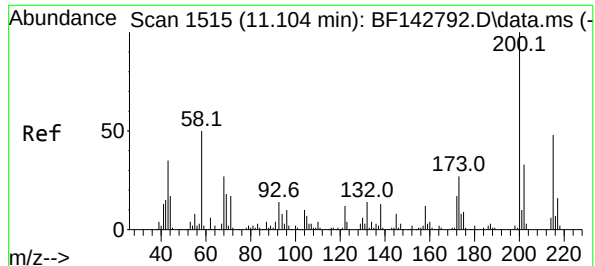
Tgt Ion:248 Resp: 112604
Ion Ratio Lower Upper
248 100
250 96.8 79.8 119.8
141 76.3 57.8 86.6



#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

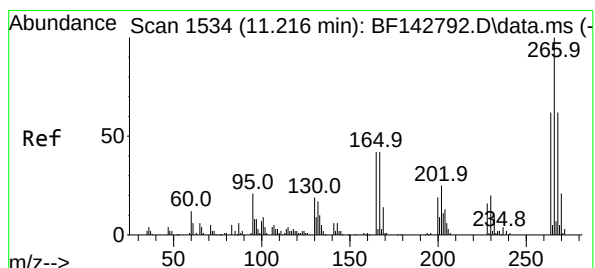
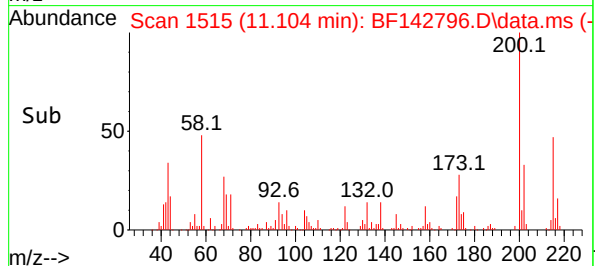
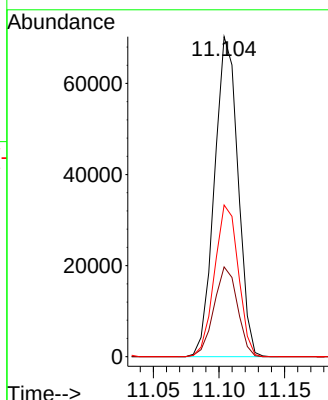
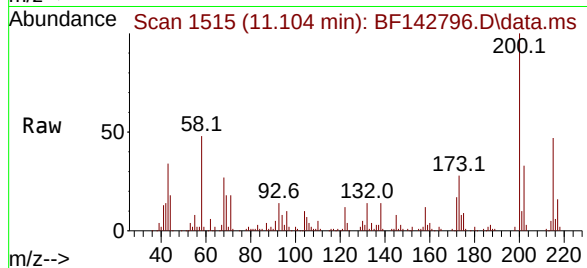
Tgt Ion:200 Resp: 87455

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

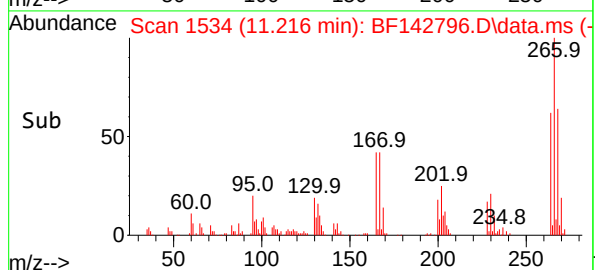
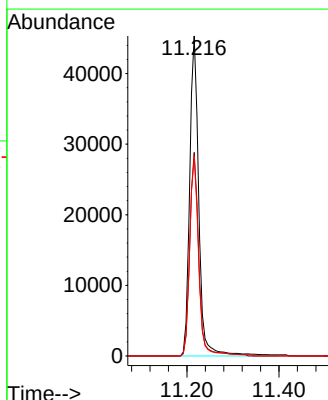
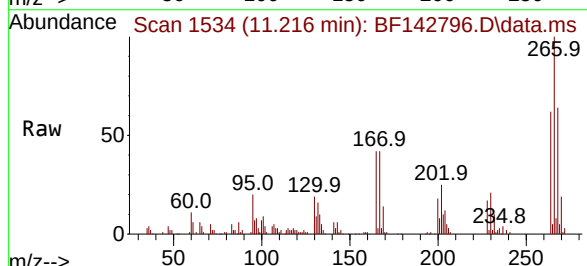
Tgt Ion:266 Resp: 62292

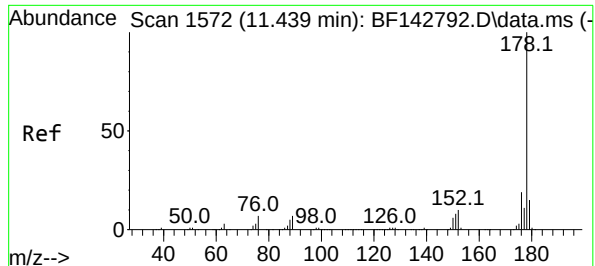
Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.8

264 62.3 49.9 74.9

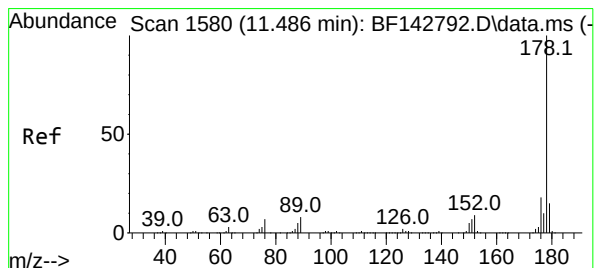
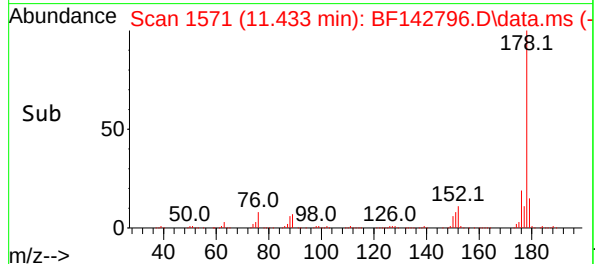
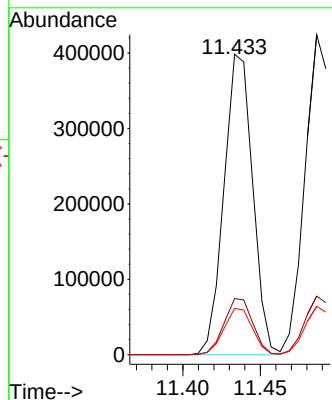
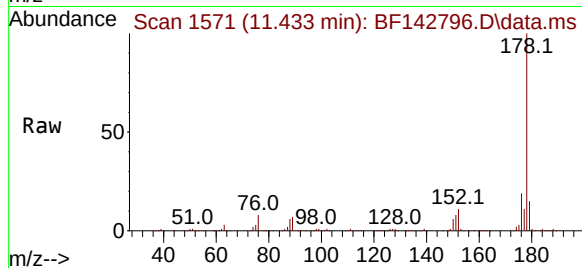




#71
Phenanthrene
Concen: 41.603 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

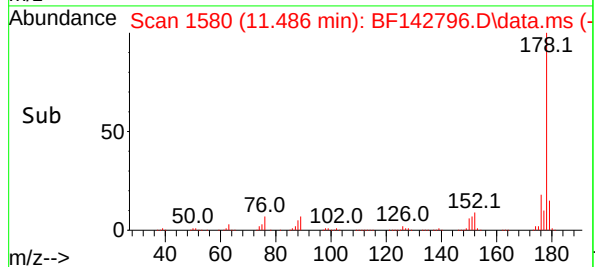
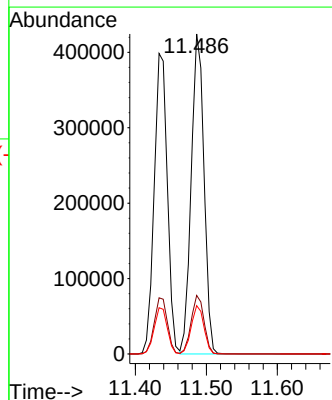
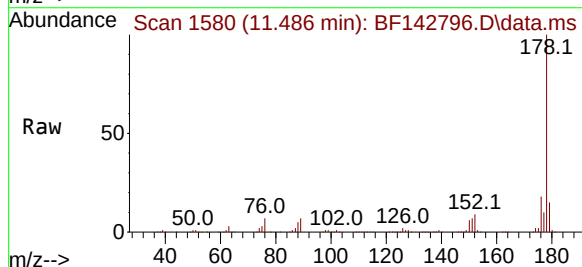
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

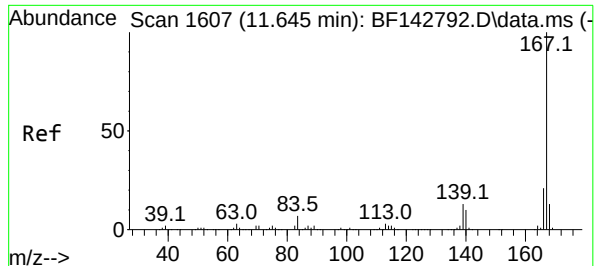
Tgt Ion:178 Resp: 514049
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.4 12.0 18.0



#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

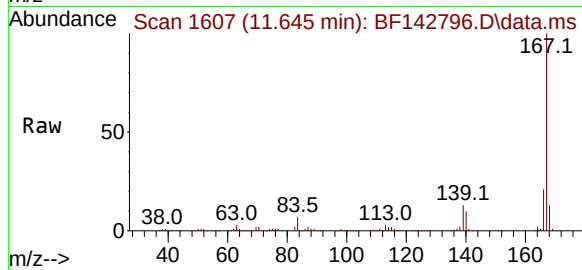
Tgt Ion:178 Resp: 532397
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.1 12.4 18.6



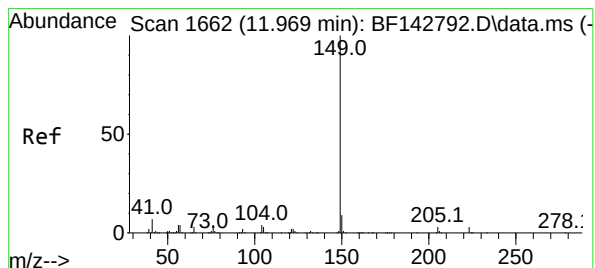
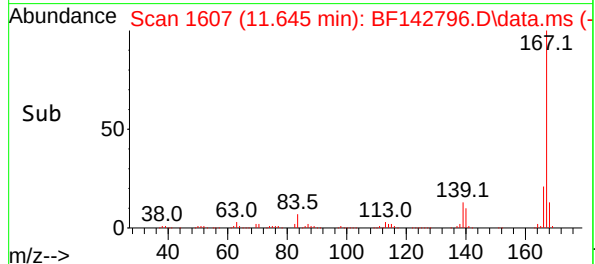
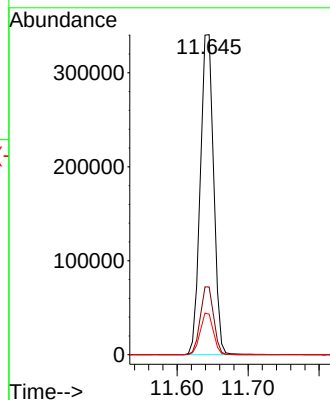


#73
Carbazole
Concen: 40.858 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

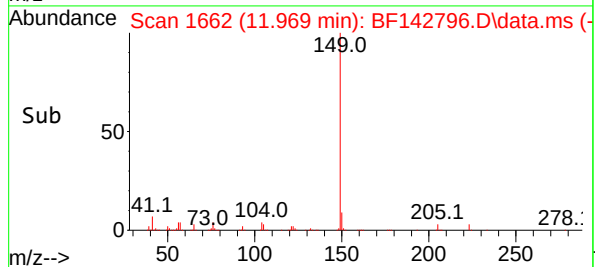
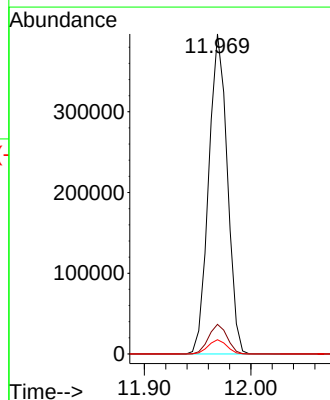
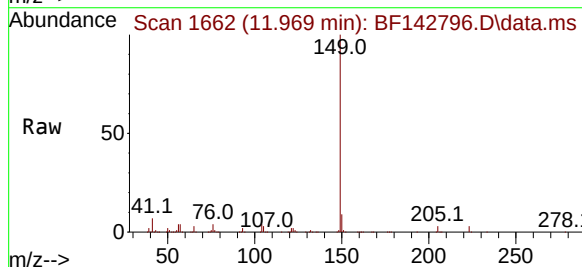


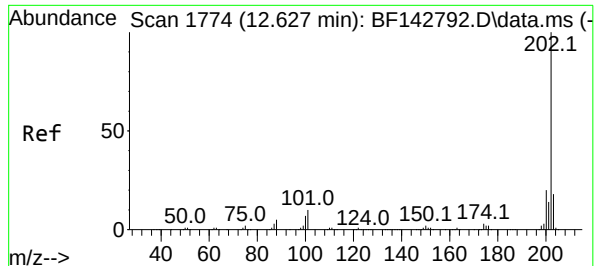
Tgt Ion:167 Resp: 446814
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.7 10.2 15.2



#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

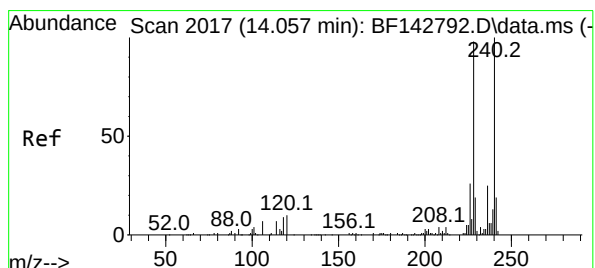
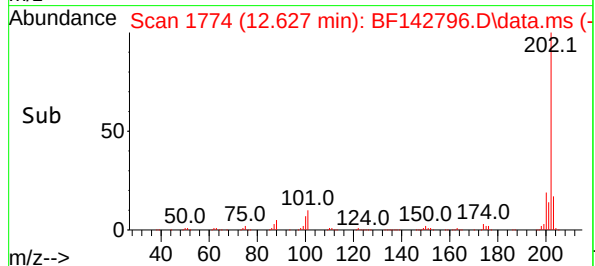
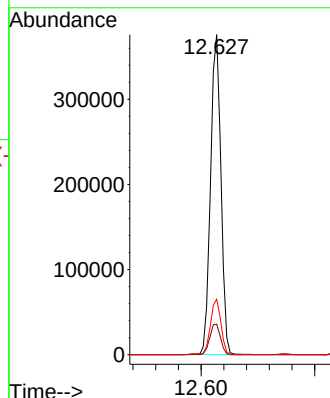
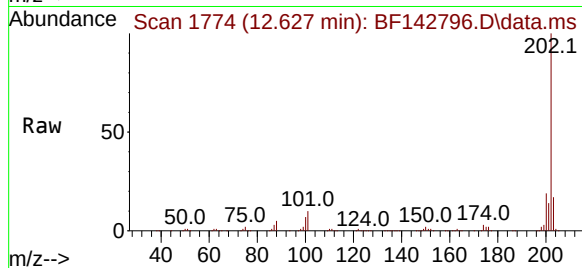




#75
Fluoranthene
Concen: 40.372 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

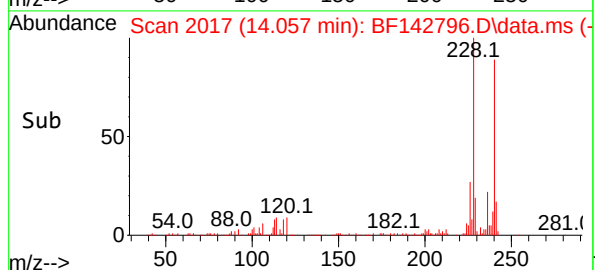
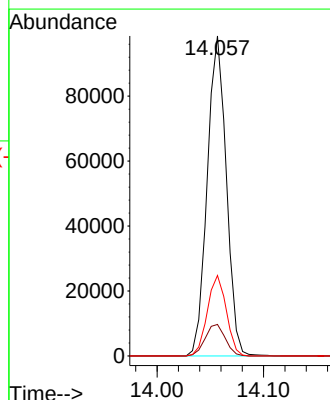
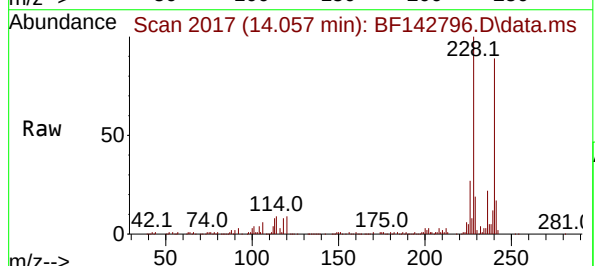
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

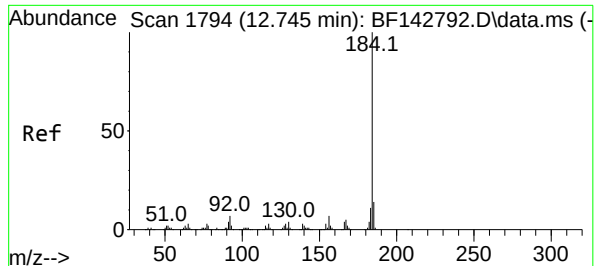
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.7
203	17.3	0.0	37.5



#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	Ratio	Lower	Upper
240	100		
120	9.8	8.2	12.2
236	25.2	19.8	29.8

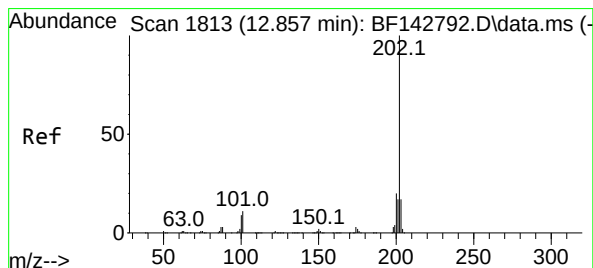
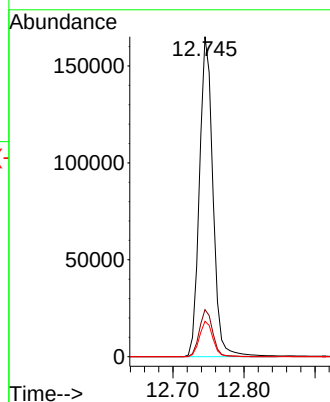
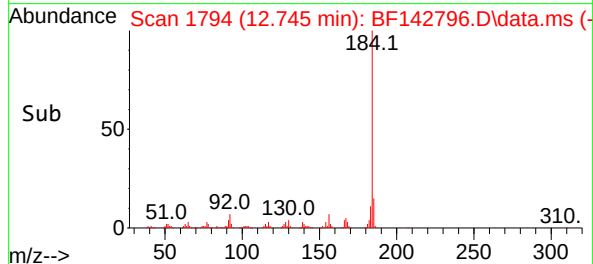
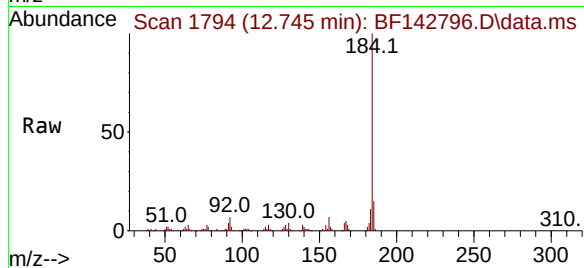




#77
Benzidine
Concen: 47.530 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

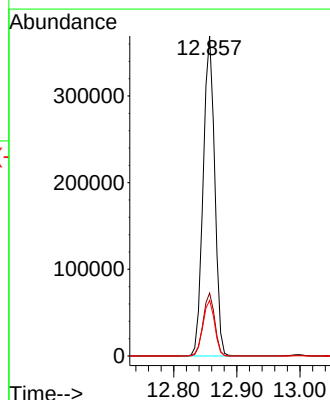
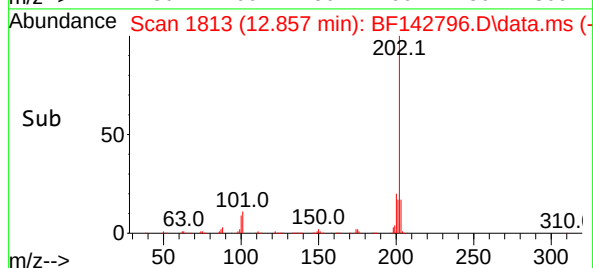
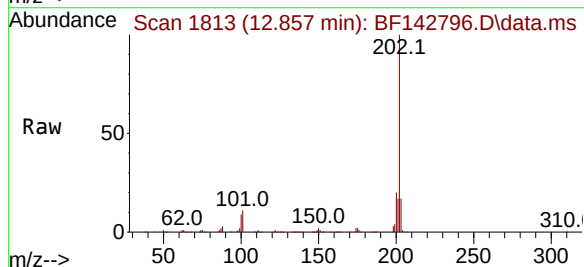
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

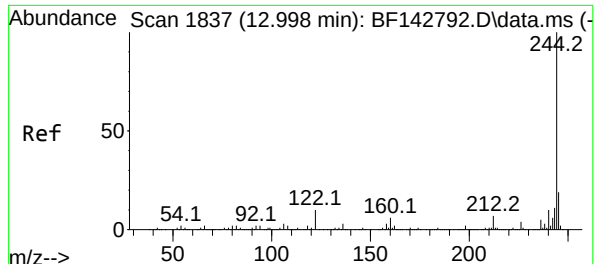
Tgt Ion:184 Resp: 218884
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.0 9.0 13.4



#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

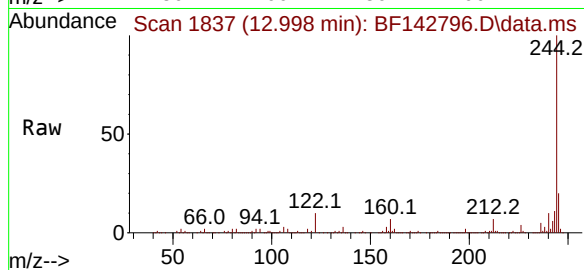
Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925



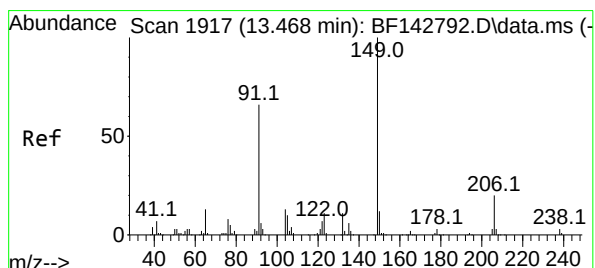
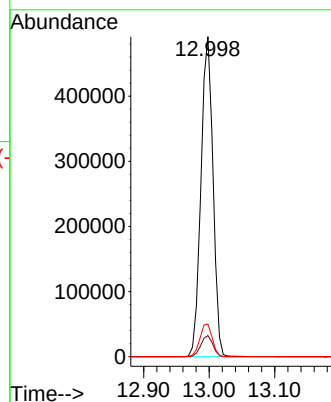
Tgt Ion:244 Resp: 628420

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

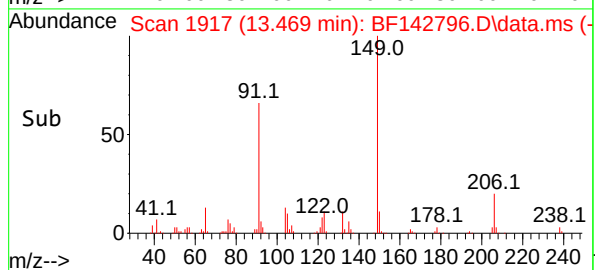
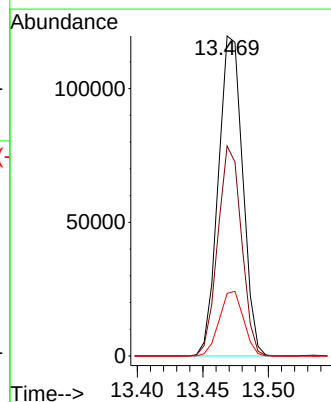
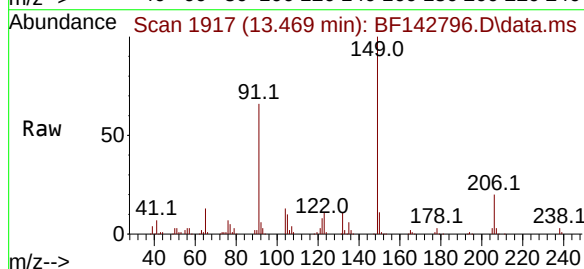
Tgt Ion:149 Resp: 154743

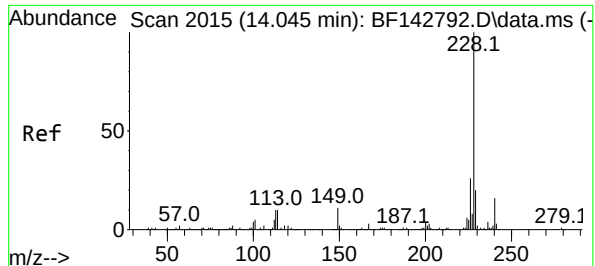
Ion Ratio Lower Upper

149 100

91 65.7 52.9 79.3

206 19.6 16.3 24.5

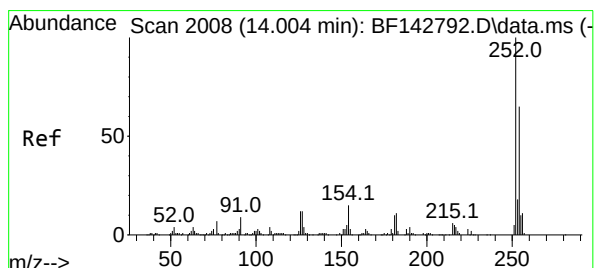
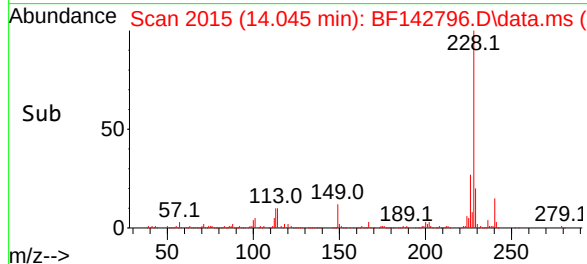
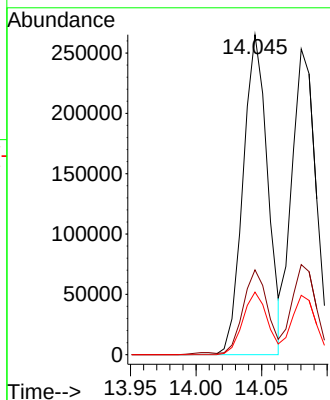
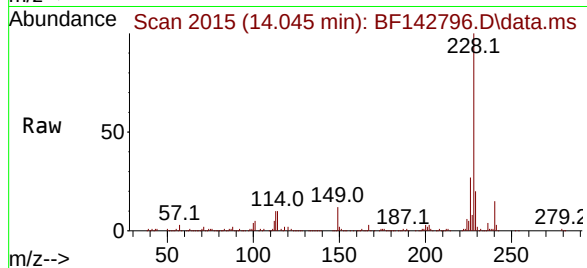




#81
Benzo(a)anthracene
Concen: 41.868 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

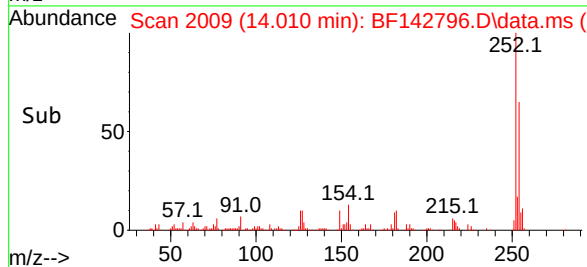
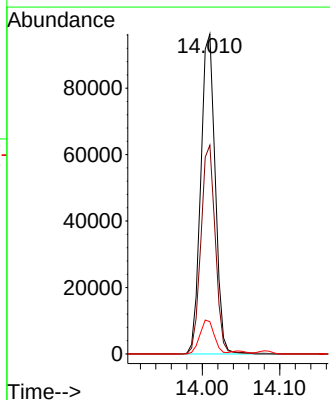
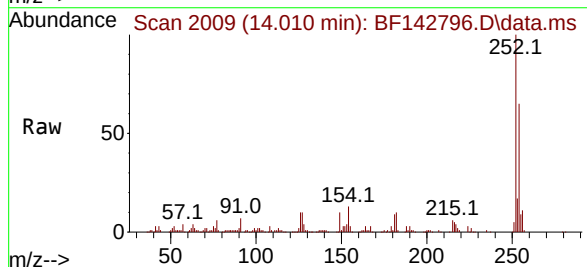
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

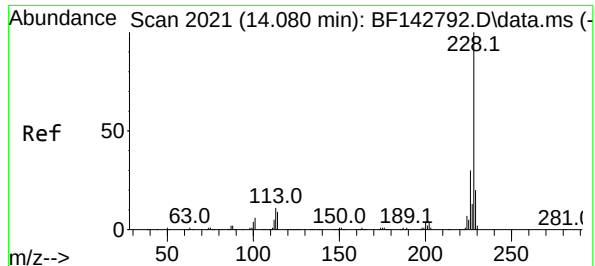
Tgt Ion:228 Resp: 346202
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.6 15.6 23.4



#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

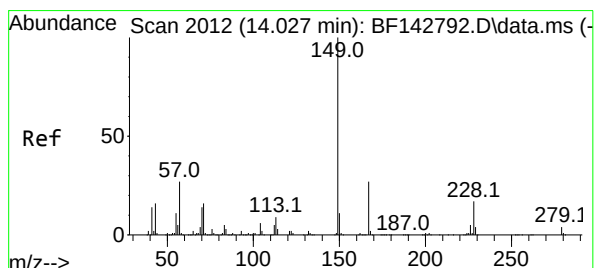
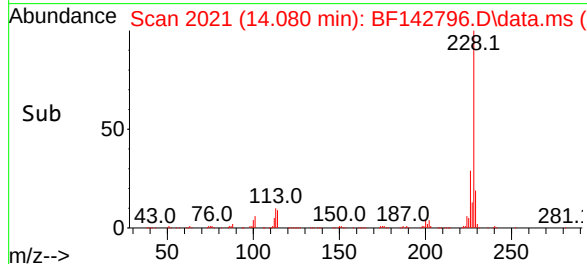
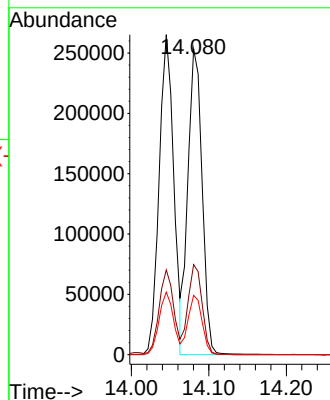
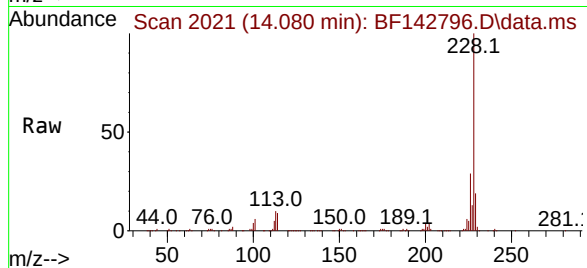
Tgt Ion:228 Resp: 321976

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

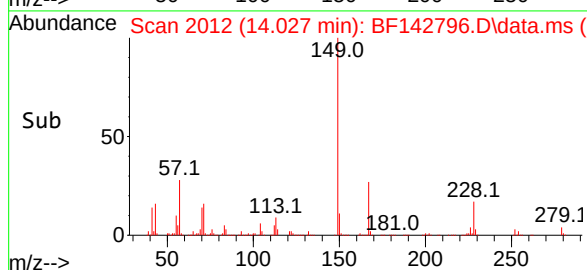
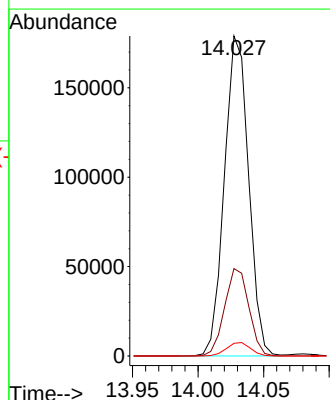
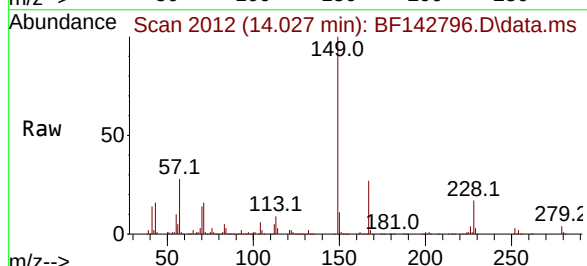
Tgt Ion:149 Resp: 230046

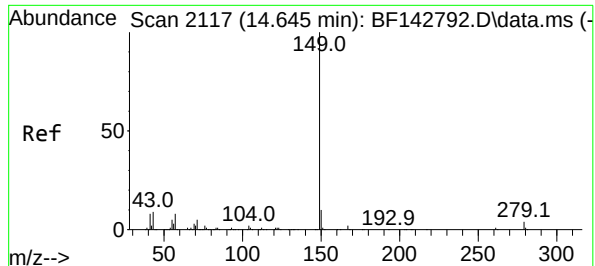
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.0 3.0 4.6

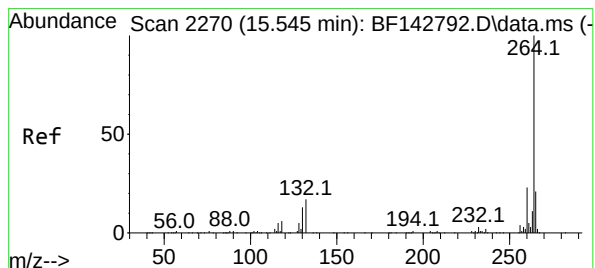
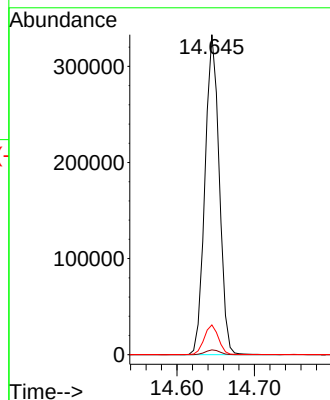
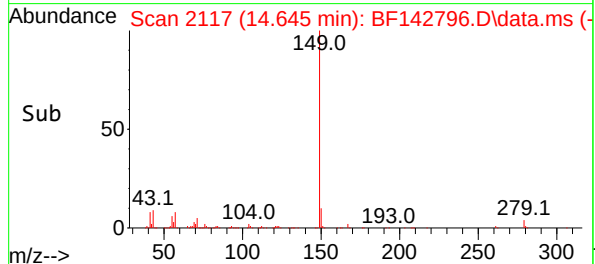
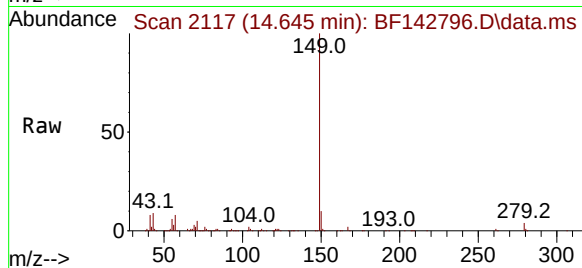




#85
Di-n-octyl phthalate
Concen: 47.026 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

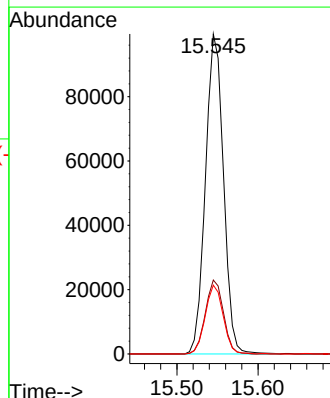
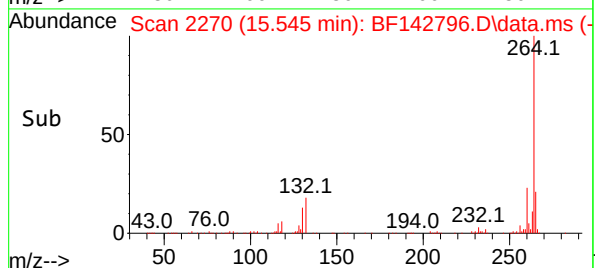
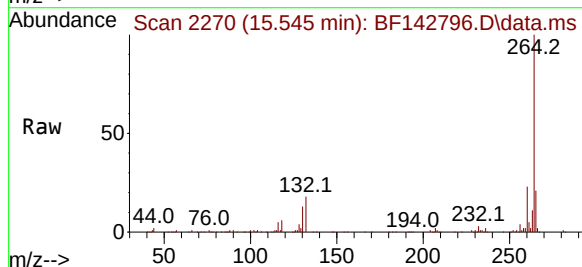
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

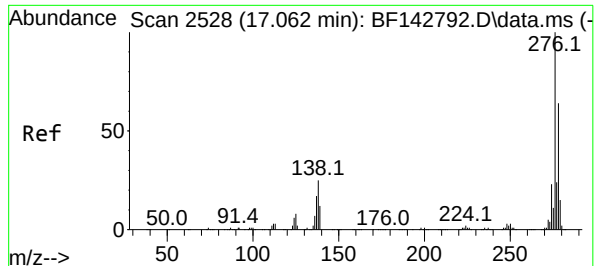
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.2	7.6	11.4



#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	Ratio	Lower	Upper
264	100		
260	23.1	18.1	27.1
265	21.5	16.6	25.0

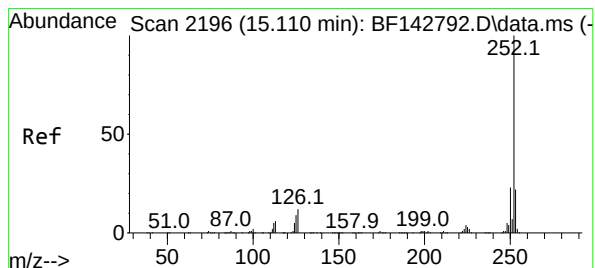
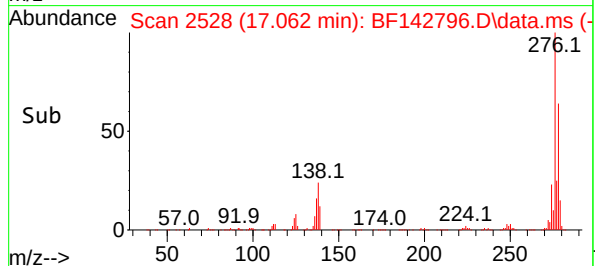
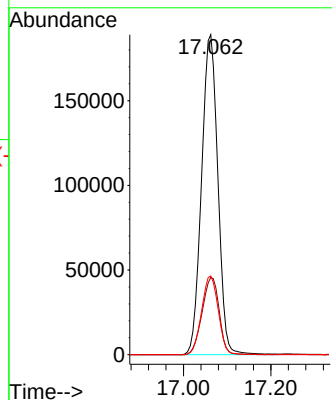
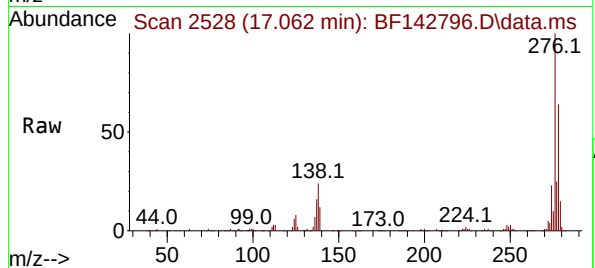




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.060 ng
RT: 17.062 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

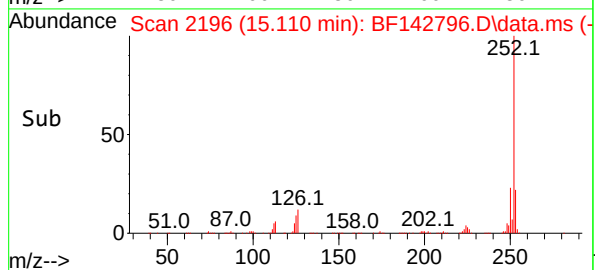
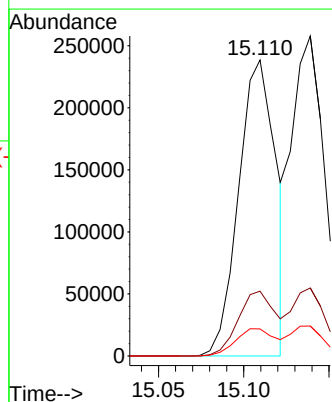
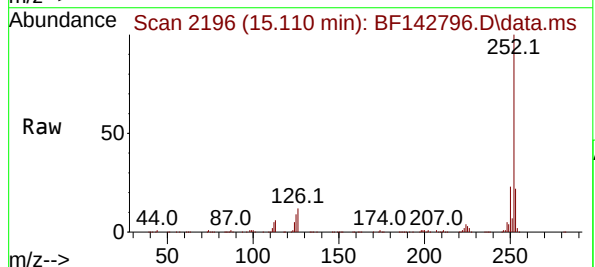
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

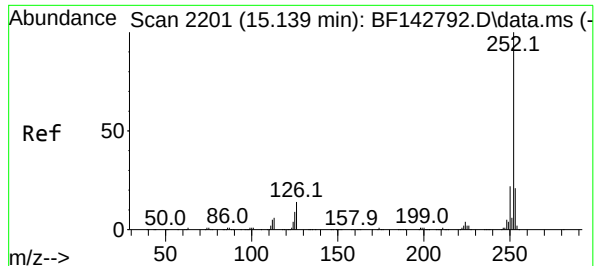
Tgt Ion:276 Resp: 491326
Ion Ratio Lower Upper
276 100
138 25.3 20.2 30.4
277 25.1 19.8 29.6



#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

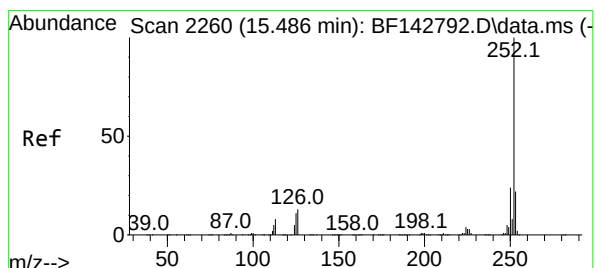
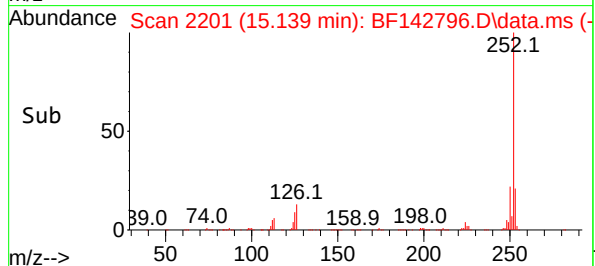
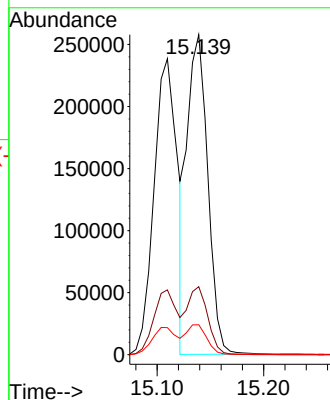
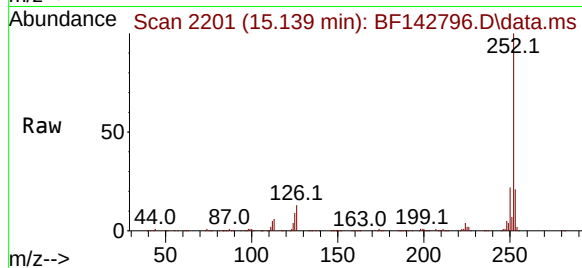
Tgt Ion:252 Resp: 347044

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

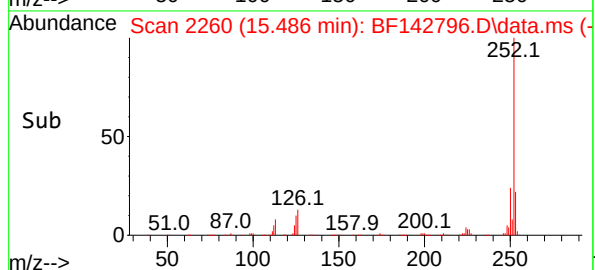
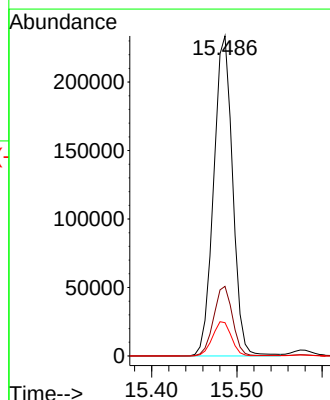
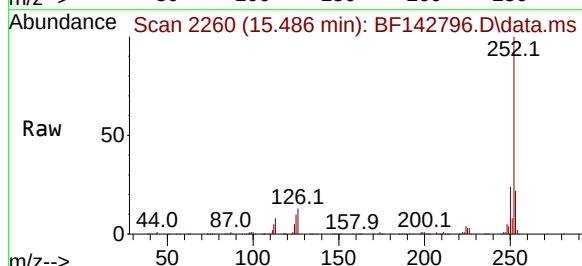
Tgt Ion:252 Resp: 361077

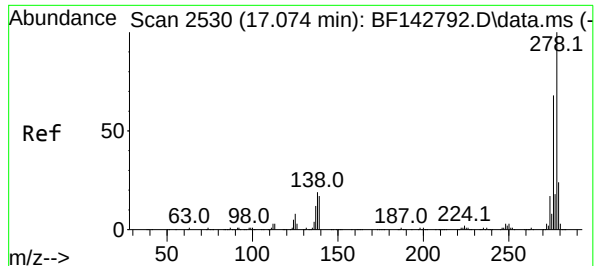
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.4 8.6 12.8

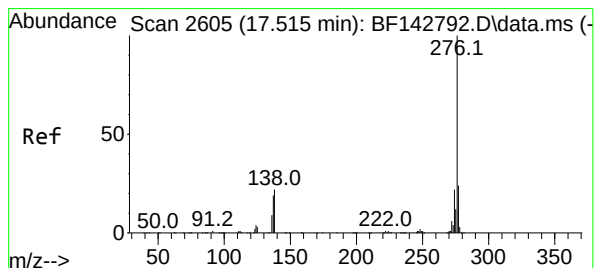
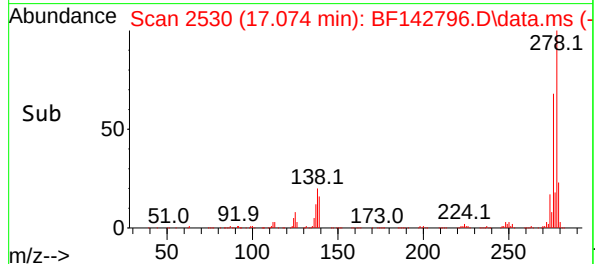
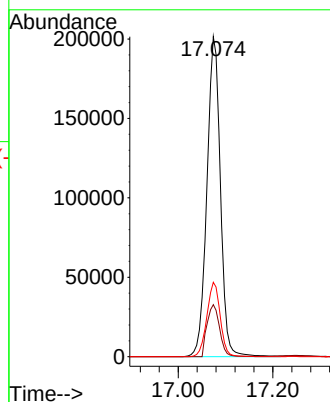
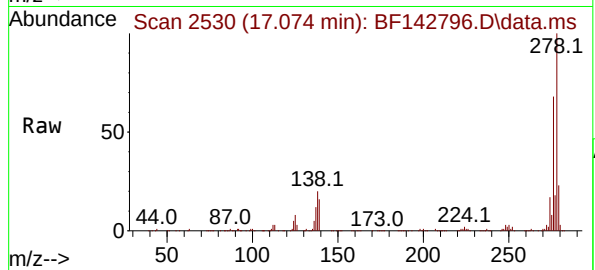




#91
Dibenzo(a,h)anthracene
Concen: 42.069 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

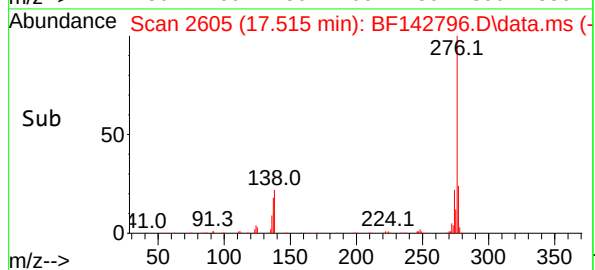
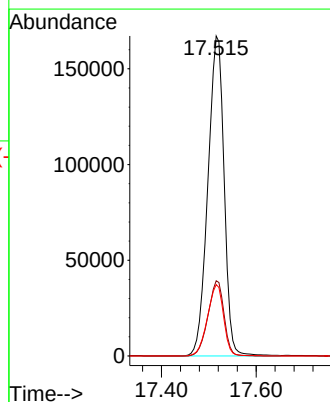
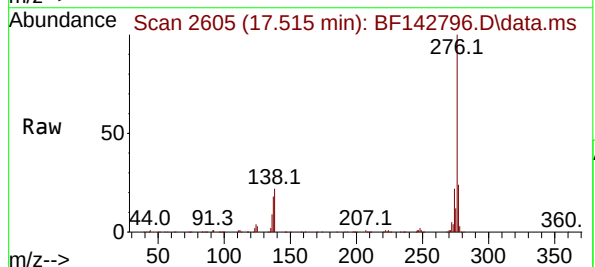
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

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	Benzydine	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
 Sample : SSTDICV040
 Misc :
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Instrument :
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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)
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: POWE02

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG No.: Q2425

Instrument ID: BNA_F Calibration Date/Time: 06/26/2025 09:39

Lab File ID: BF142857.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	1.244		3.6	
Phenol-d6	1.417	1.459		3.0	
Nitrobenzene-d5	0.365	0.443		21.4	
Naphthalene	0.979	1.015		3.7	
2-Fluorobiphenyl	1.522	1.697		11.5	
Fluorene	1.334	1.364		2.2	
2,4,6-Tribromophenol	0.206	0.223		8.3	
Phenanthrene	1.083	1.100		1.6	
Anthracene	1.111	1.136		2.3	
Pyrene	1.875	1.932		3.0	
Terphenyl-d14	1.447	1.677		15.9	
Benzo (a) anthracene	1.349	1.377		2.1	
Chrysene	1.204	1.250		3.8	
Benzo (b) fluoranthene	1.157	1.283		10.9	
Benzo (a) pyrene	1.118	1.173		4.9	20.0
Indeno (1,2,3-cd) pyrene	1.523	1.584		4.0	
Benzo (g,h,i) perylene	1.234	1.288		4.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142857.D
 Acq On : 26 Jun 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 26 11:10:54 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	6.875	152	77664	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	293795	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	161192	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	275904	20.000	ng	0.00
76) Chrysene-d12	14.057	240	159836	20.000	ng	0.00
86) Perylene-d12	15.545	264	144296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	386495	82.855	ng	0.00
7) Phenol-d6	6.510	99	453238	82.355	ng	0.00
23) Nitrobenzene-d5	7.445	82	520692	97.212	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	143711	86.637	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1094086	89.165	ng	0.00
79) Terphenyl-d14	12.998	244	1072266	92.692	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.634	88	76030	40.750	ng	99
3) Pyridine	3.410	79	187948	40.182	ng	99
4) n-Nitrosodimethylamine	3.357	42	98314	40.646	ng	99
6) Aniline	6.540	93	301221	41.134	ng	96
8) 2-Chlorophenol	6.663	128	210070	41.748	ng	98
9) Benzaldehyde	6.428	77	117500	35.987	ng	100
10) Phenol	6.522	94	251458	41.105	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	182187	41.669	ng	99
12) 1,3-Dichlorobenzene	6.816	146	235807	41.902	ng	98
13) 1,4-Dichlorobenzene	6.893	146	235015	41.392	ng	99
14) 1,2-Dichlorobenzene	7.045	146	224455	41.679	ng	98
15) Benzyl Alcohol	7.022	79	168656	42.391	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	282023	40.148	ng	97
17) 2-Methylphenol	7.134	107	158020	41.440	ng	99
18) Hexachloroethane	7.387	117	82298	41.440	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	131635	41.125	ng	99
20) 3+4-Methylphenols	7.287	107	198514	41.753	ng	95
22) Acetophenone	7.287	105	267903	41.351	ng	98
24) Nitrobenzene	7.463	77	202331	41.736	ng	99
25) Isophorone	7.704	82	361539	42.077	ng	100
26) 2-Nitrophenol	7.781	139	113200	42.865	ng	97
27) 2,4-Dimethylphenol	7.816	122	189948	41.524	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	228518	41.833	ng	99
29) 2,4-Dichlorophenol	8.022	162	176952	42.662	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	188945	41.427	ng	99
31) Naphthalene	8.187	128	596557	41.483	ng	100
32) Benzoic acid	7.928	122	103914	44.569	ng	98
33) 4-Chloroaniline	8.234	127	242792	41.521	ng	99
34) Hexachlorobutadiene	8.298	225	116369	41.712	ng	99
35) Caprolactam	8.610	113	50127	45.799	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	176626	42.848	ng	100
37) 2-Methylnaphthalene	8.875	142	374990	42.060	ng	99
38) 1-Methylnaphthalene	8.975	142	384945	41.709	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	189612	39.866	ng	99
41) Hexachlorocyclopentadiene	9.028	237	101634	37.655	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	124841	40.280	ng	100

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 Acq On : 26 Jun 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

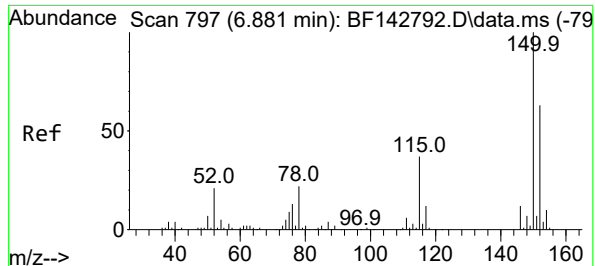
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	133468	40.909	ng	99
46) 1,1'-Biphenyl	9.339	154	503702	39.558	ng	100
47) 2-Chloronaphthalene	9.369	162	378913	39.654	ng	100
48) 2-Nitroaniline	9.463	65	112245	41.899	ng	97
49) Acenaphthylene	9.781	152	629626	40.026	ng	100
50) Dimethylphthalate	9.639	163	439200	42.093	ng	99
51) 2,6-Dinitrotoluene	9.704	165	96682	42.193	ng	99
52) Acenaphthene	9.957	154	387211	40.345	ng	99
53) 3-Nitroaniline	9.875	138	109174	43.274	ng	97
54) 2,4-Dinitrophenol	9.981	184	52943	46.144	ng	98
55) Dibenzofuran	10.128	168	555756	40.382	ng	100
56) 4-Nitrophenol	10.033	139	74942	43.390	ng	99
57) 2,4-Dinitrotoluene	10.110	165	132428	43.509	ng	98
58) Fluorene	10.469	166	439722	40.911	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	108534	41.271	ng	96
60) Diethylphthalate	10.339	149	438956	42.907	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	210096	40.963	ng	98
62) 4-Nitroaniline	10.486	138	105952	45.920	ng	98
63) Azobenzene	10.622	77	381397	41.712	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	72530	43.461	ng	99
66) n-Nitrosodiphenylamine	10.581	169	382313	39.982	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	128311	40.863	ng	98
68) Hexachlorobenzene	11.016	284	143957	41.259	ng	98
69) Atrazine	11.104	200	114854	46.514	ng	99
70) Pentachlorophenol	11.216	266	75964	43.692	ng	98
71) Phenanthrene	11.433	178	606956	40.611	ng	99
72) Anthracene	11.486	178	627078	40.910	ng	100
73) Carbazole	11.639	167	565412	42.745	ng	100
74) Di-n-butylphthalate	11.969	149	655127	47.542	ng	100
75) Fluoranthene	12.627	202	619469	43.673	ng	100
77) Benzidine	12.745	184	251868	41.942	ng	99
78) Pyrene	12.857	202	617474	41.214	ng	100
80) Butylbenzylphthalate	13.469	149	204023	46.946	ng	98
81) Benzo(a)anthracene	14.045	228	440135	40.819	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	136940	39.155	ng	99
83) Chrysene	14.080	228	399572	41.529	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	243811	38.992	ng	99
85) Di-n-octyl phthalate	14.639	149	398772	33.822	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	456997	41.580	ng	99
88) Benzo(b)fluoranthene	15.104	252	370314	44.351	ng	99
89) Benzo(k)fluoranthene	15.133	252	317512	40.646	ng	99
90) Benzo(a)pyrene	15.480	252	338551	41.971	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	372769	41.742	ng	98
92) Benzo(g,h,i)perylene	17.515	276	371717	41.743	ng	98

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

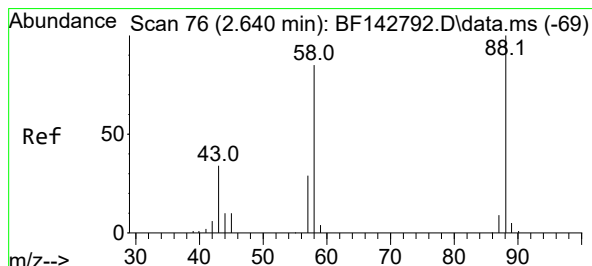
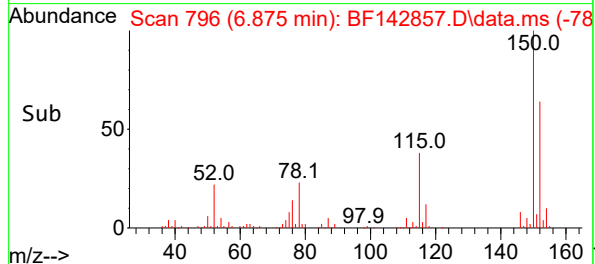
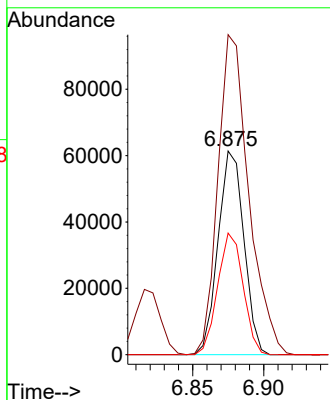
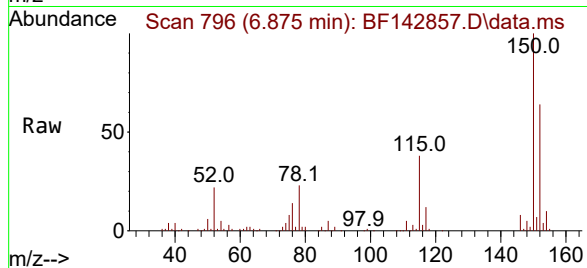
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

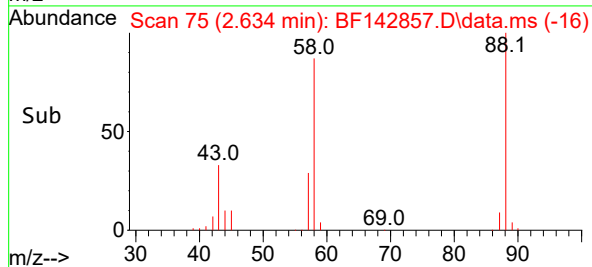
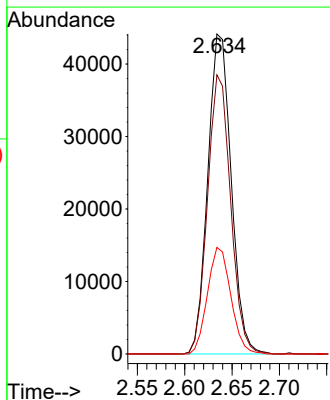
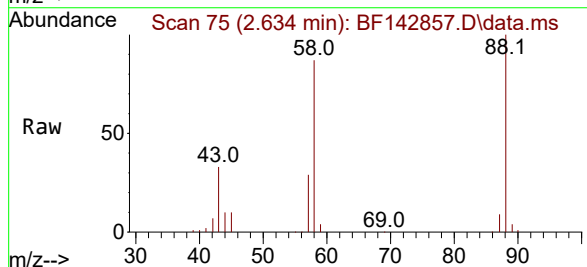
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BNA_F
ClientSampleId :
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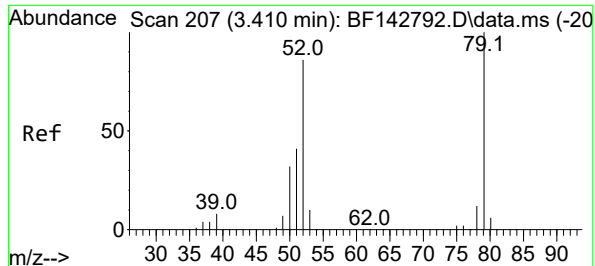
Tgt Ion:152 Resp: 77664
Ion Ratio Lower Upper
152 100
150 157.1 127.2 190.8
115 59.7 46.6 69.8



#2
1,4-Dioxane
Concen: 40.750 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion: 88 Resp: 76030
Ion Ratio Lower Upper
88 100
58 86.2 69.1 103.7
43 33.3 27.4 41.2

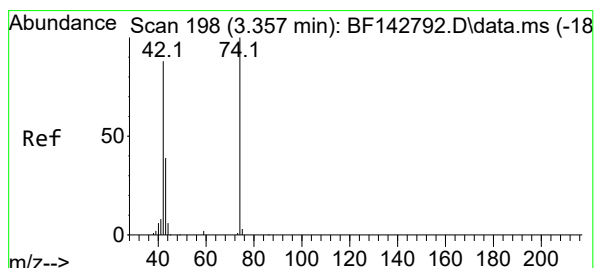
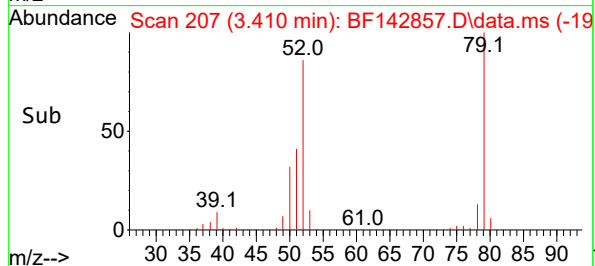
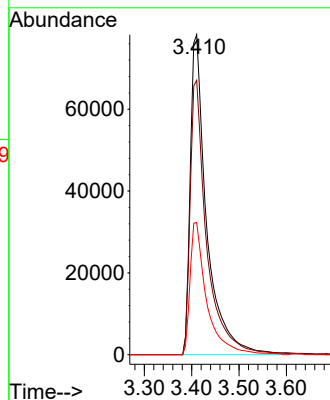
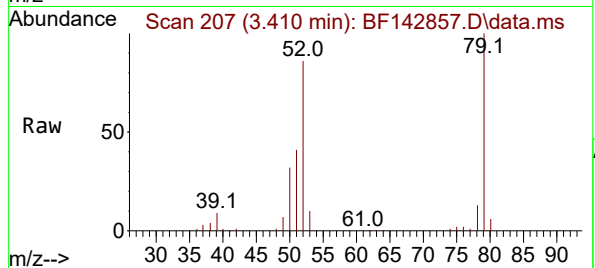




#3
Pyridine
Concen: 40.182 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

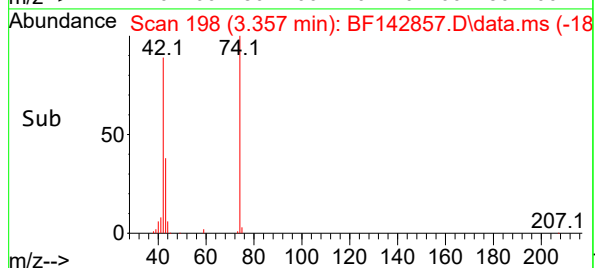
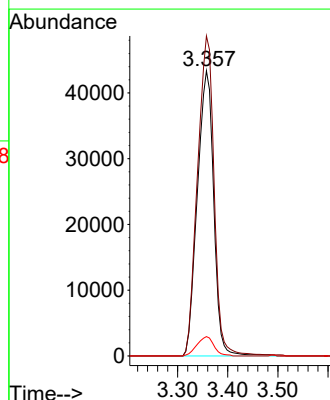
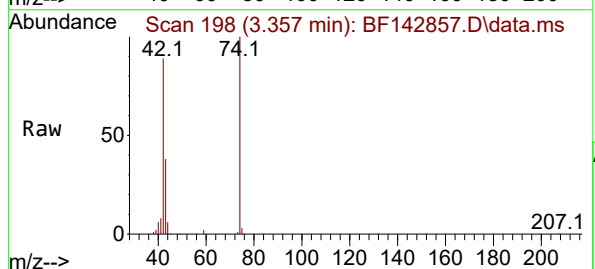
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ClientSampleId :
SSTDCCC040

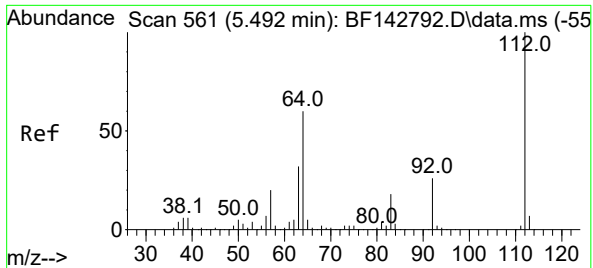
Tgt Ion: 79 Resp: 187948
Ion Ratio Lower Upper
79 100
52 85.8 69.2 103.8
51 41.3 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 40.646 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion: 42 Resp: 98314
Ion Ratio Lower Upper
42 100
74 112.2 90.9 136.3
44 6.8 5.8 8.6

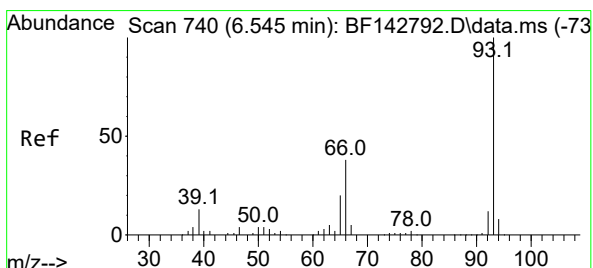
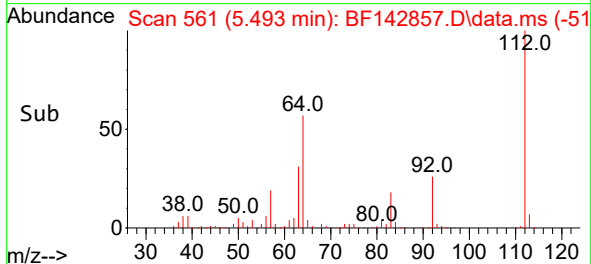
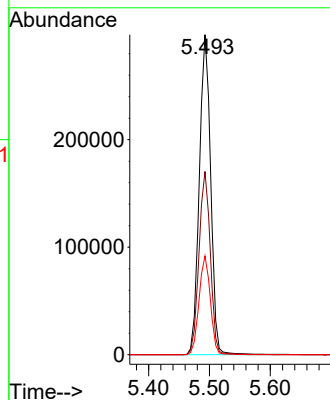
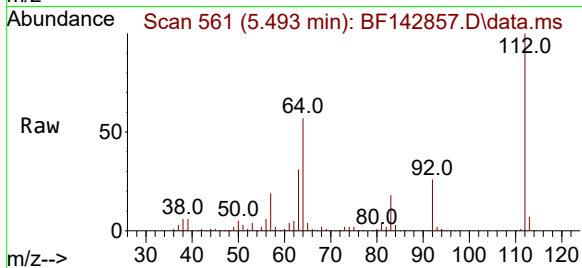




#5
2-Fluorophenol
Concen: 82.855 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.001 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

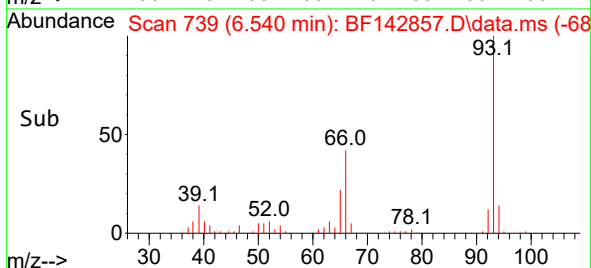
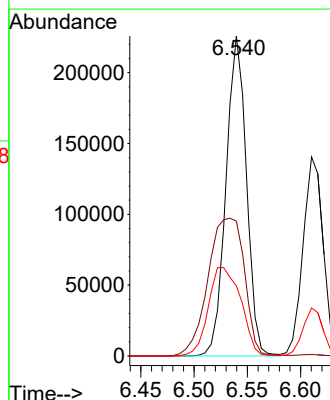
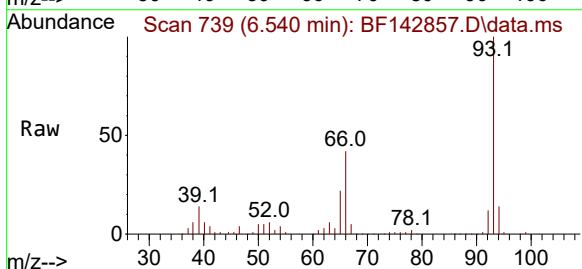
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ClientSampleId :
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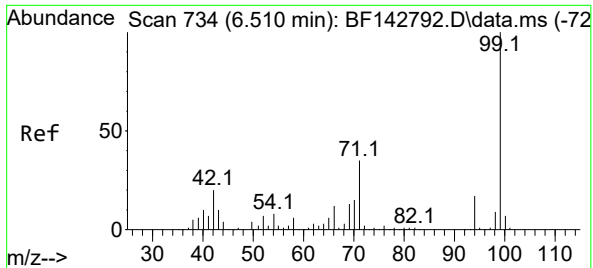
Tgt Ion:112 Resp: 386495
Ion Ratio Lower Upper
112 100
64 57.3 48.2 72.2
63 30.9 25.7 38.5



#6
Aniline
Concen: 41.134 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion: 93 Resp: 301221
Ion Ratio Lower Upper
93 100
66 42.1 31.8 47.6
65 21.9 16.2 24.2

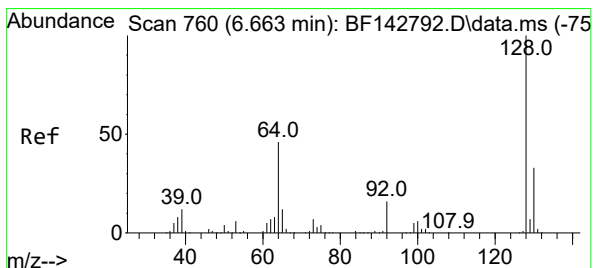
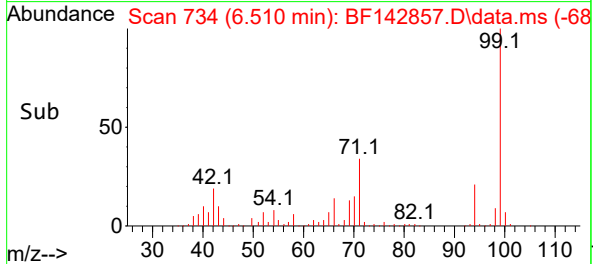
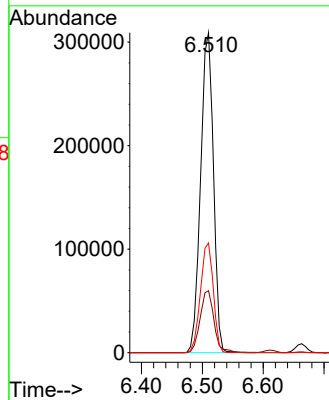
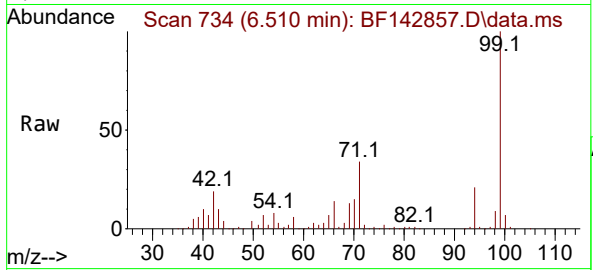




#7
Phenol-d6
Concen: 82.355 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

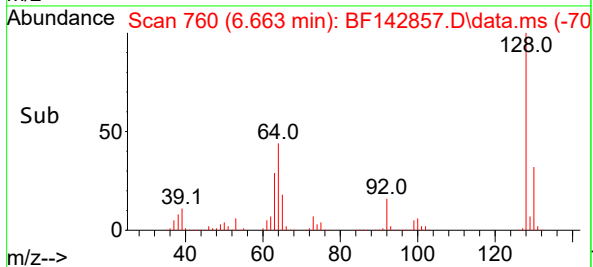
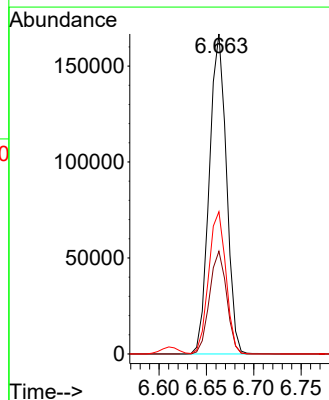
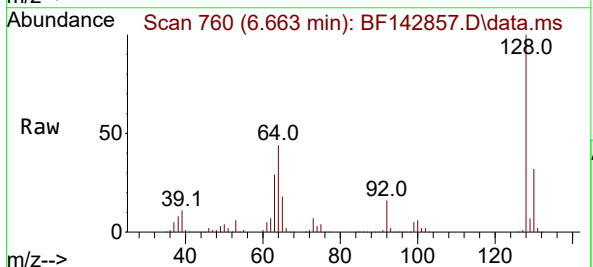
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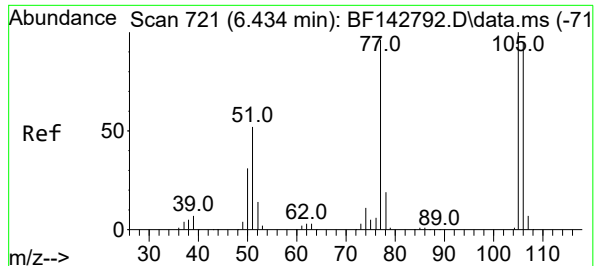
Tgt Ion: 99 Resp: 453238
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 34.3 27.8 41.8



#8
2-Chlorophenol
Concen: 41.748 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion: 128 Resp: 210070
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 44.5 26.5 66.5





#9

Benzaldehyde

Concen: 35.987 ng

RT: 6.428 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

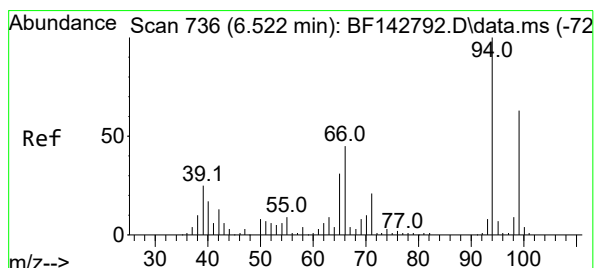
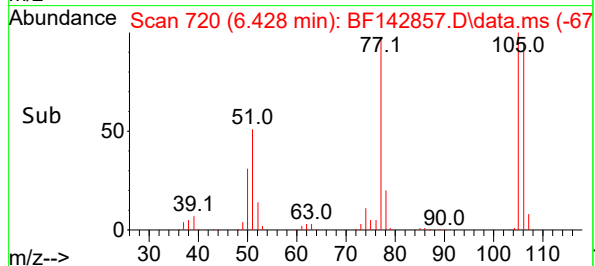
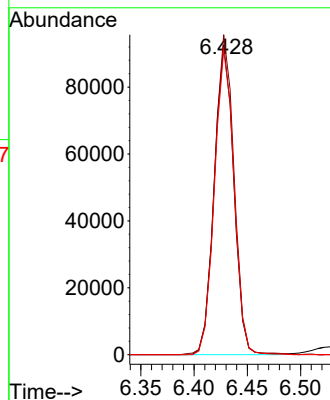
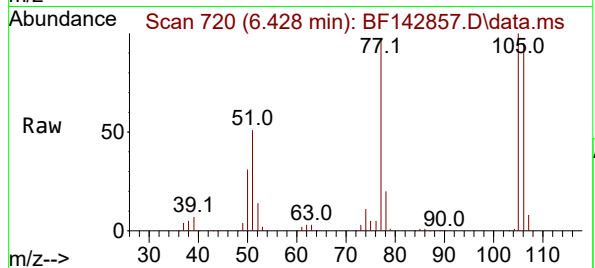
Tgt Ion: 77 Resp: 117500

Ion Ratio Lower Upper

77 100

105 103.2 83.8 123.8

106 98.3 78.7 118.7



#10

Phenol

Concen: 41.105 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

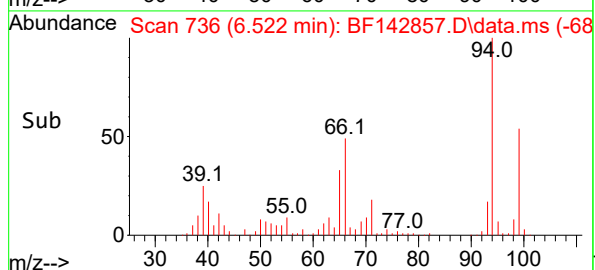
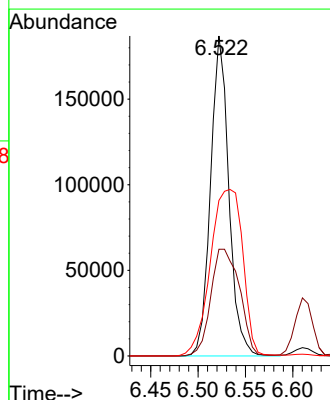
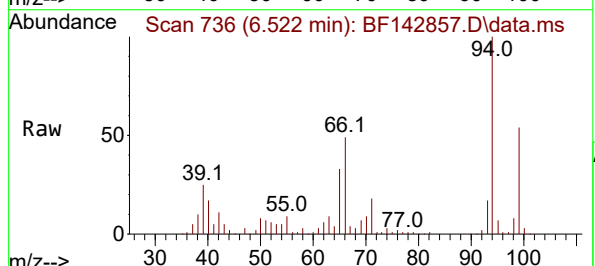
Tgt Ion: 94 Resp: 251458

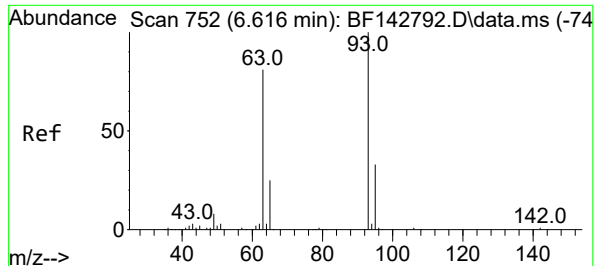
Ion Ratio Lower Upper

94 100

65 33.3 11.3 51.3

66 48.6 24.9 64.9

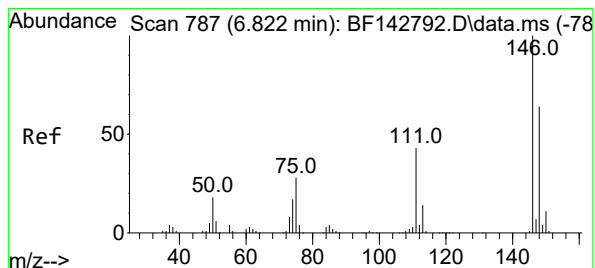
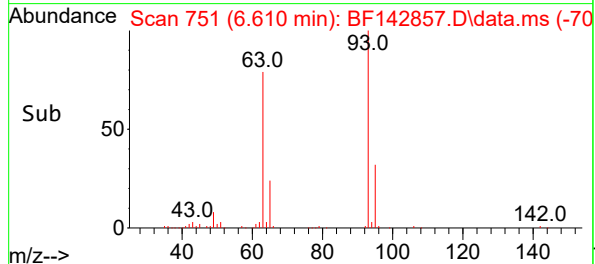
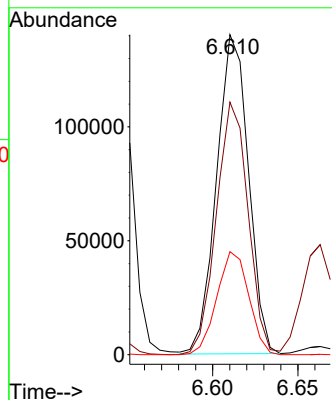
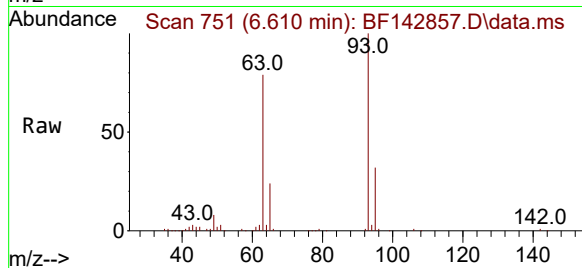




#11
bis(2-Chloroethyl)ether
Concen: 41.669 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

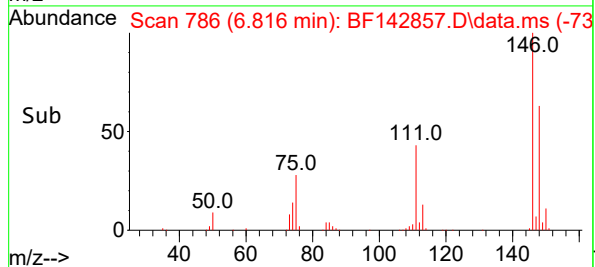
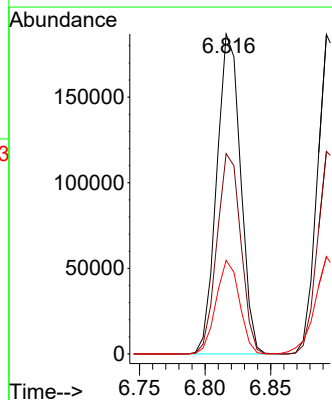
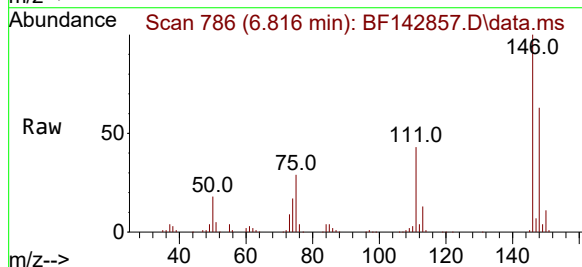
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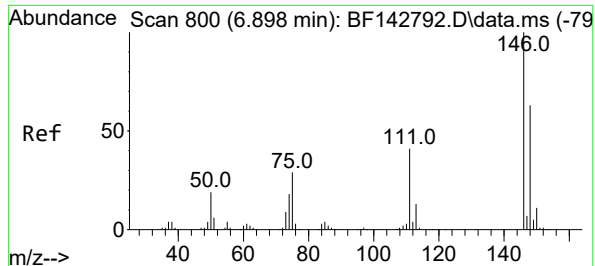
Tgt Ion: 93 Resp: 182187
Ion Ratio Lower Upper
93 100
63 78.9 60.3 100.3
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.902 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:146 Resp: 235807
Ion Ratio Lower Upper
146 100
148 62.6 51.1 76.7
75 29.3 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 41.392 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

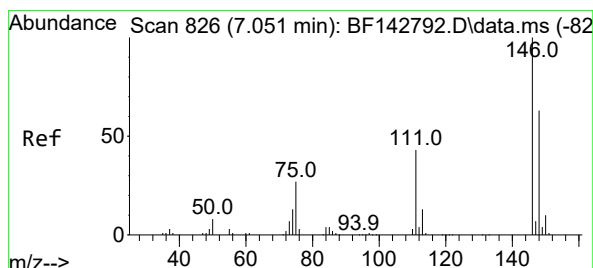
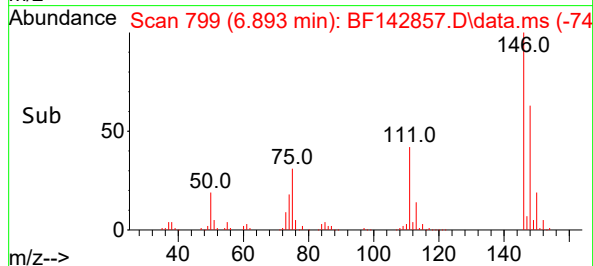
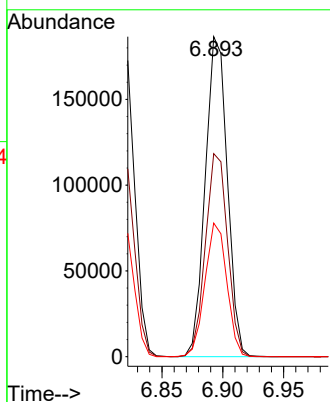
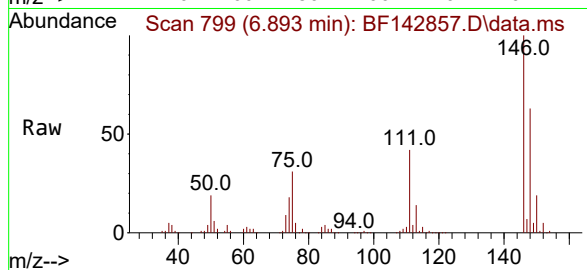
Tgt Ion:146 Resp: 235015

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

111 41.8 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 41.679 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

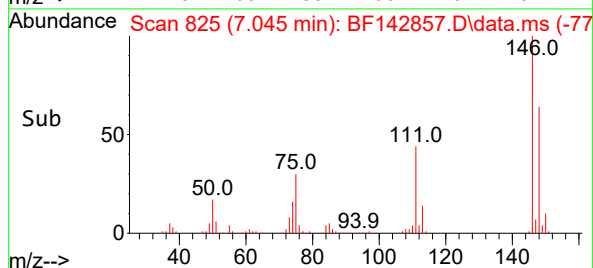
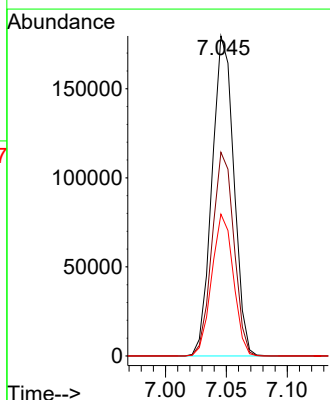
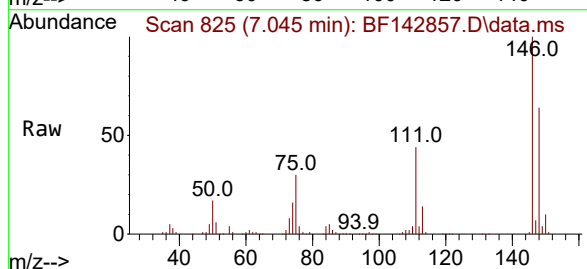
Tgt Ion:146 Resp: 224455

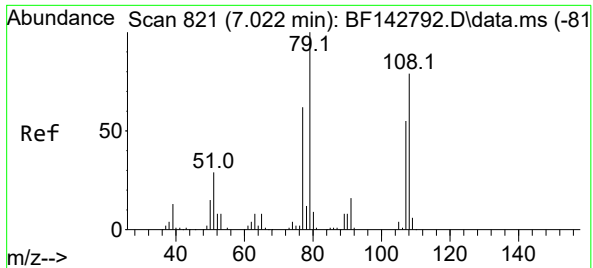
Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 44.3 34.1 51.1





#15

Benzyl Alcohol

Concen: 42.391 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

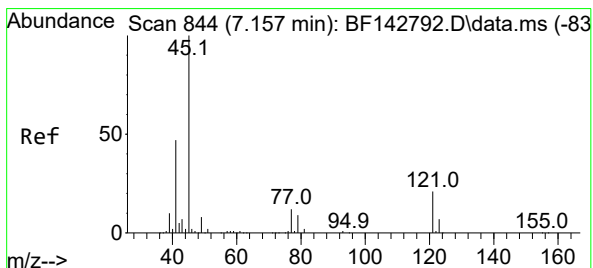
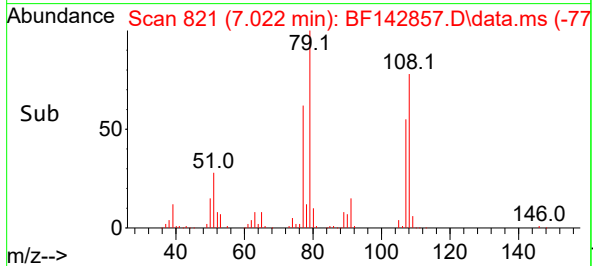
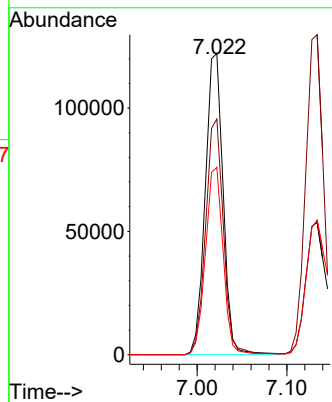
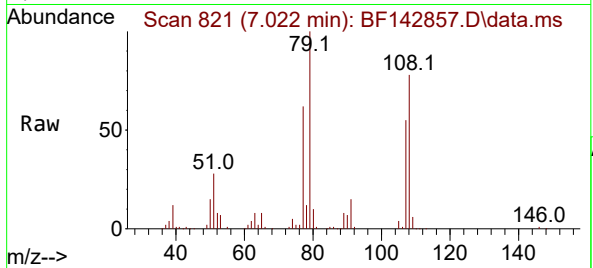
Tgt Ion: 79 Resp: 168656

Ion Ratio Lower Upper

79 100

108 78.2 63.4 95.0

77 62.2 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.148 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

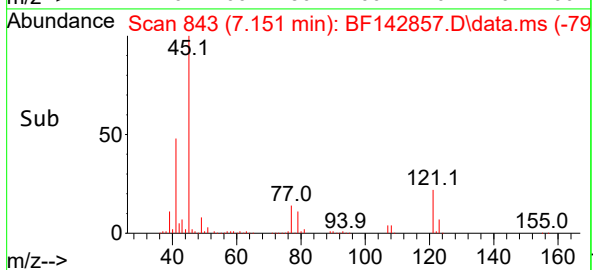
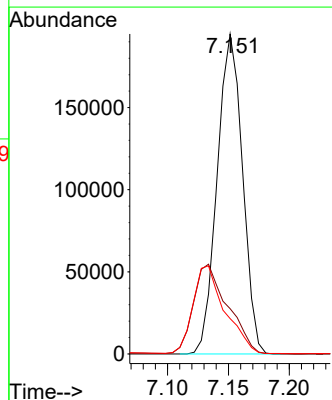
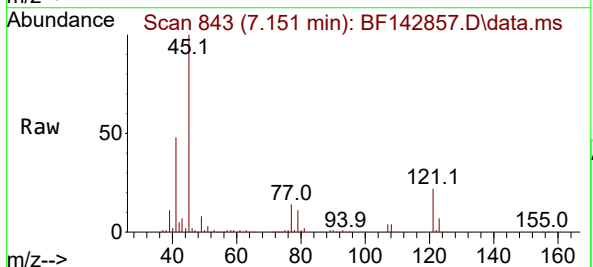
Tgt Ion: 45 Resp: 282023

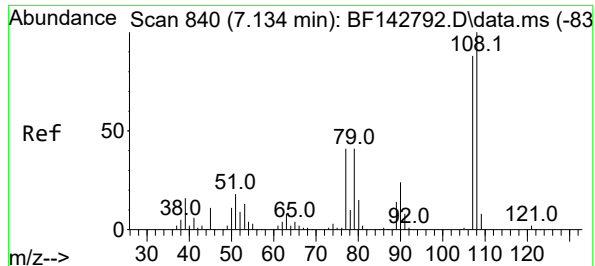
Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.8

79 11.1 0.0 29.8





#17

2-Methylphenol

Concen: 41.440 ng

RT: 7.134 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 158020

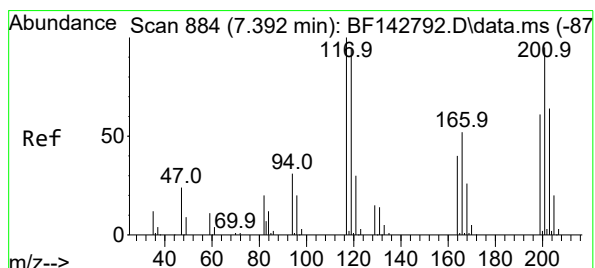
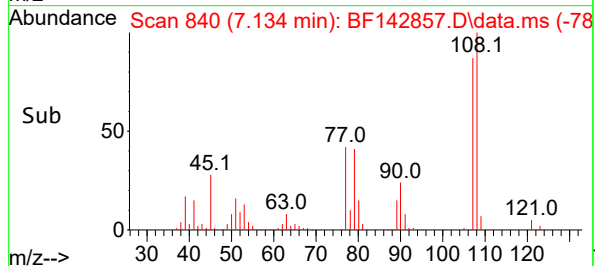
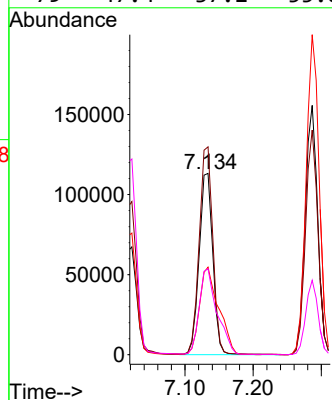
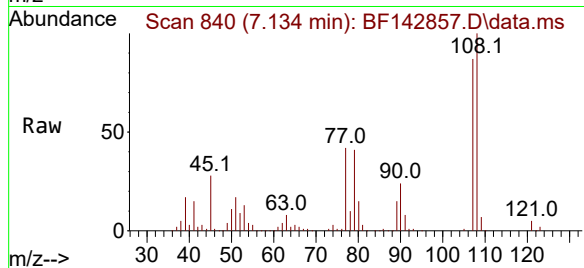
Ion Ratio Lower Upper

107 100

108 114.6 90.9 136.3

77 48.3 37.3 55.9

79 47.4 37.2 55.8



#18

Hexachloroethane

Concen: 41.440 ng

RT: 7.387 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

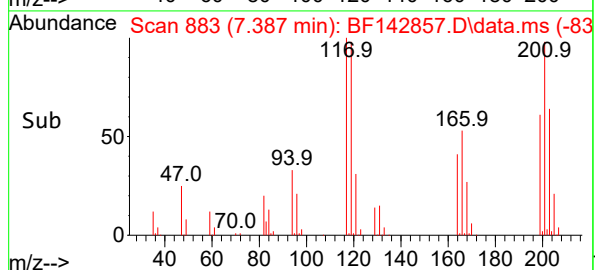
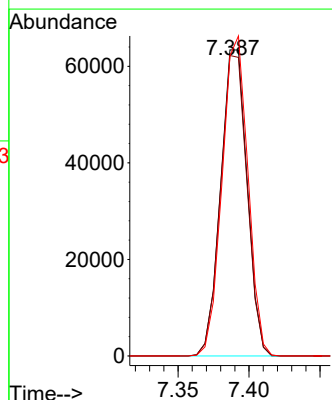
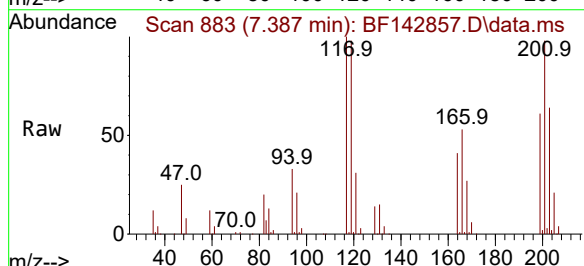
Tgt Ion:117 Resp: 82298

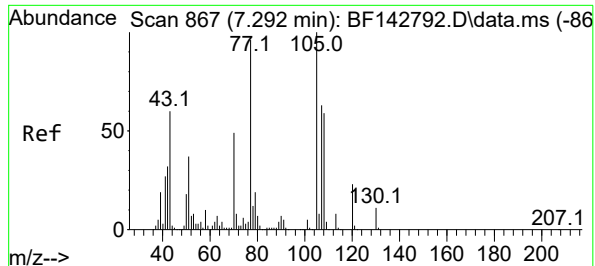
Ion Ratio Lower Upper

117 100

119 98.2 75.4 113.0

201 98.1 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.125 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 131635

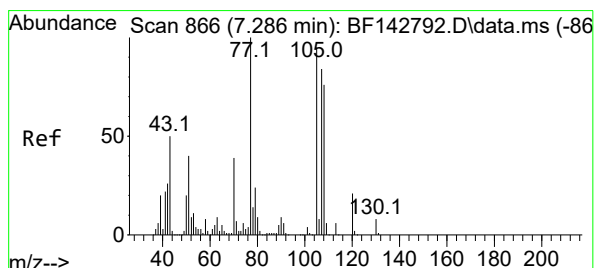
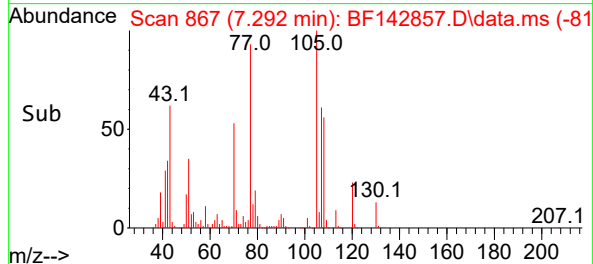
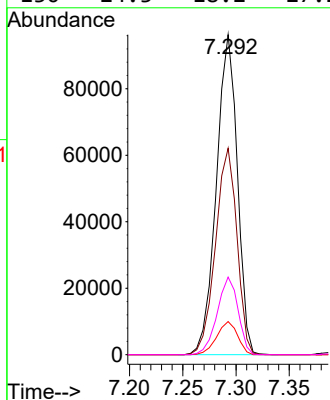
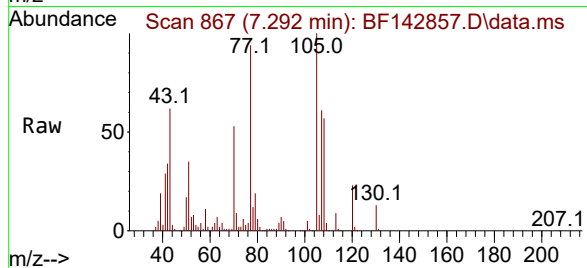
Ion Ratio Lower Upper

70 100

42 64.5 52.1 78.1

101 10.3 8.2 12.2

130 24.3 18.2 27.2



#20

3+4-Methylphenols

Concen: 41.753 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Tgt Ion:107 Resp: 198514

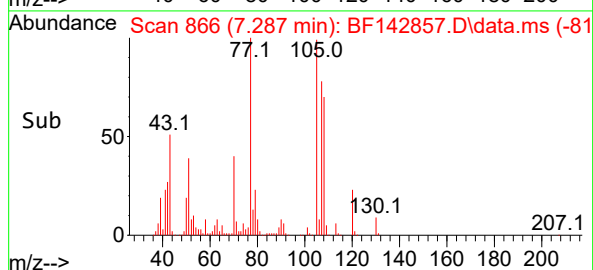
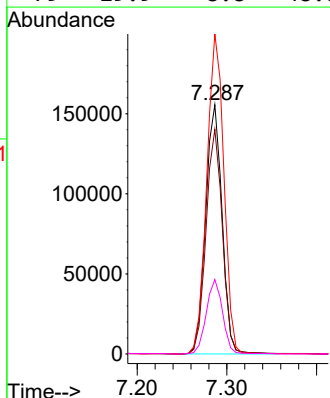
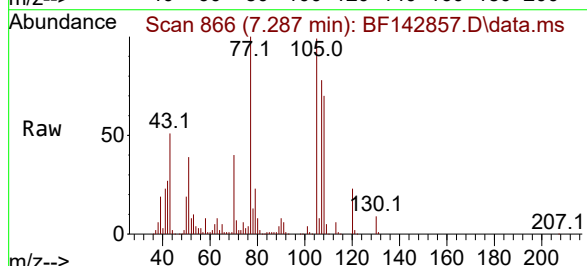
Ion Ratio Lower Upper

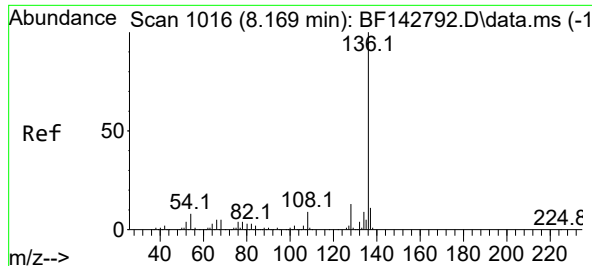
107 100

108 90.1 70.0 110.0

77 128.4 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: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 293795

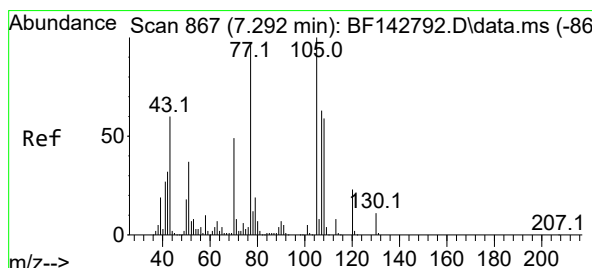
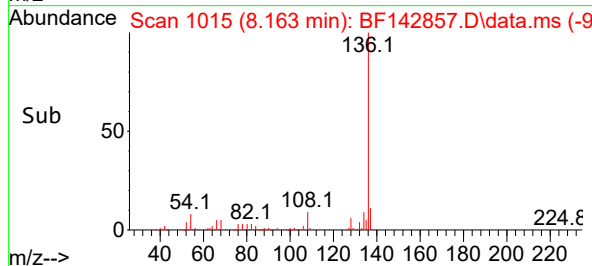
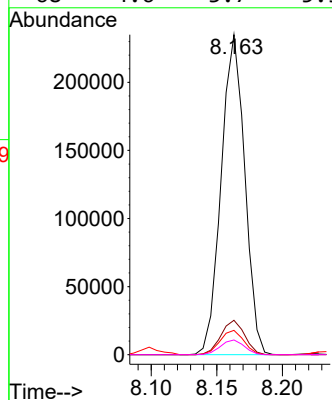
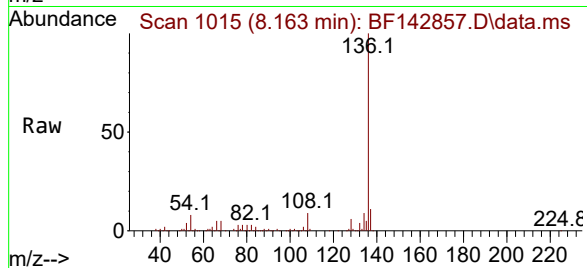
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 7.6 6.3 9.5

68 4.6 3.7 5.5



#22

Acetophenone

Concen: 41.351 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Tgt Ion:105 Resp: 267903

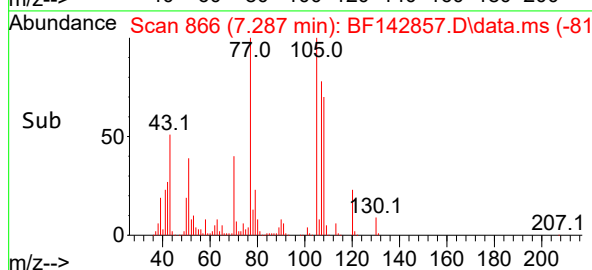
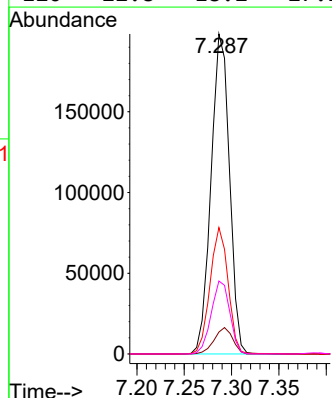
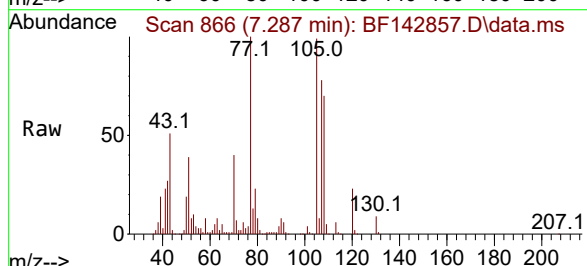
Ion Ratio Lower Upper

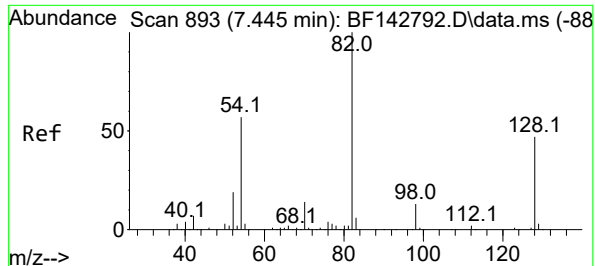
105 100

71 6.9 6.5 9.7

51 39.5 29.8 44.8

120 22.8 18.2 27.2





#23

Nitrobenzene-d5

Concen: 97.212 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

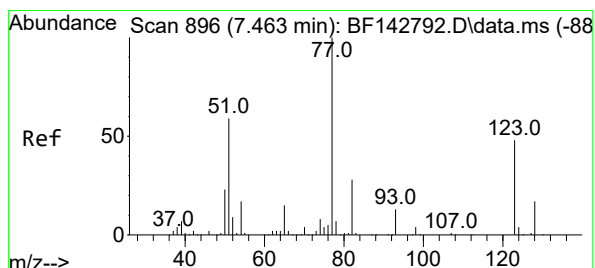
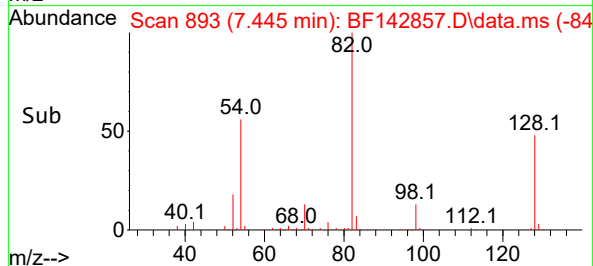
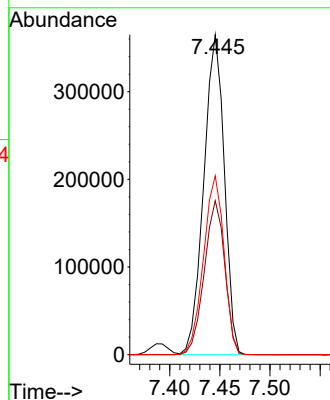
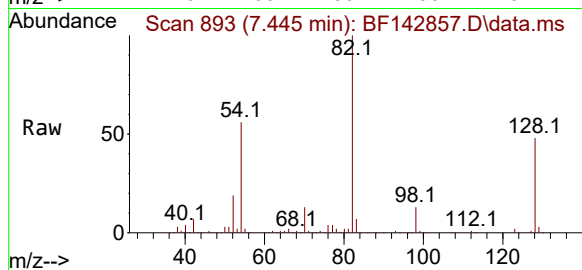
Tgt Ion: 82 Resp: 520692

Ion Ratio Lower Upper

82 100

128 48.1 37.7 56.5

54 55.9 45.7 68.5



#24

Nitrobenzene

Concen: 41.736 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

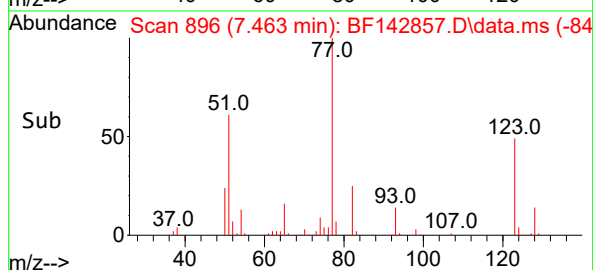
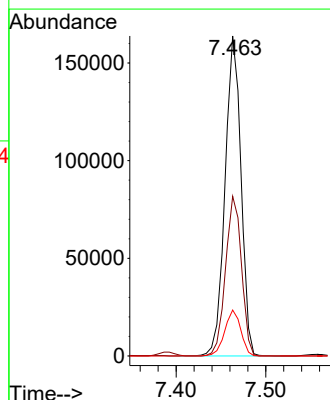
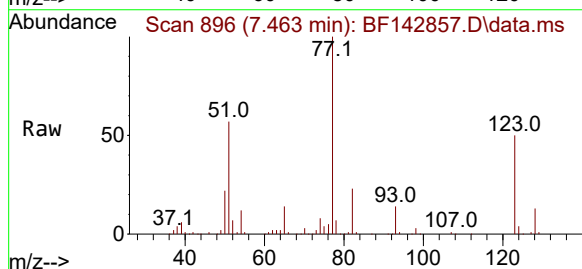
Tgt Ion: 77 Resp: 202331

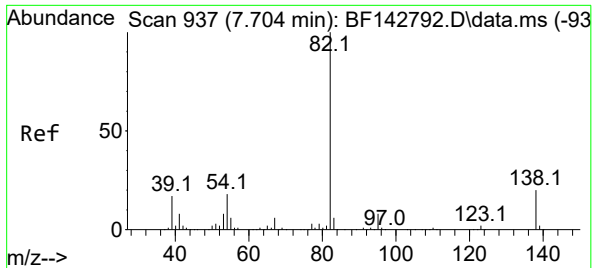
Ion Ratio Lower Upper

77 100

123 49.9 39.2 58.8

65 14.3 11.6 17.4

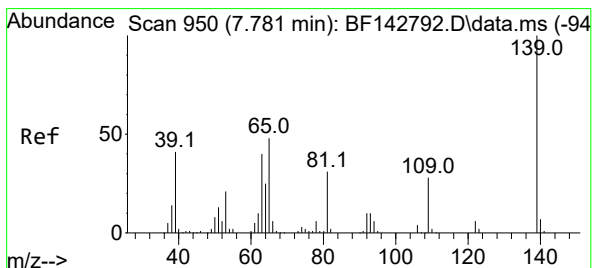
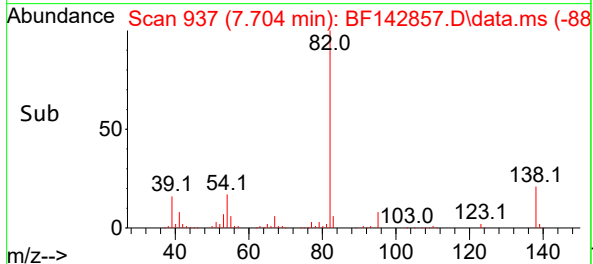
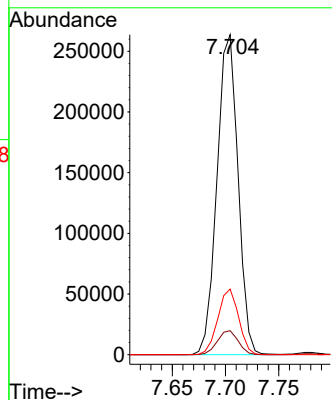
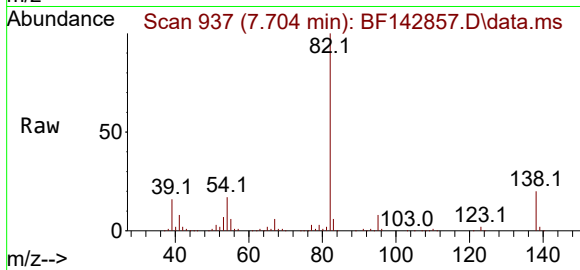




#25
Isophorone
Concen: 42.077 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

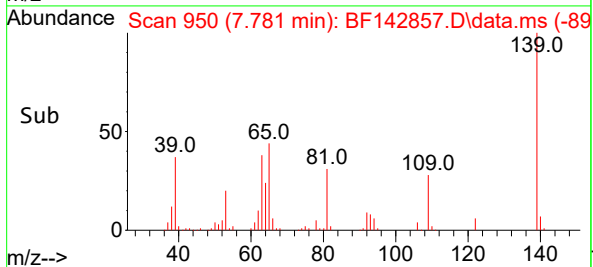
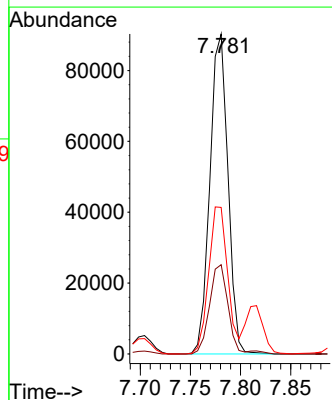
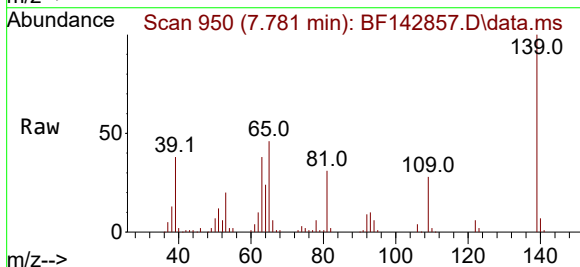
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

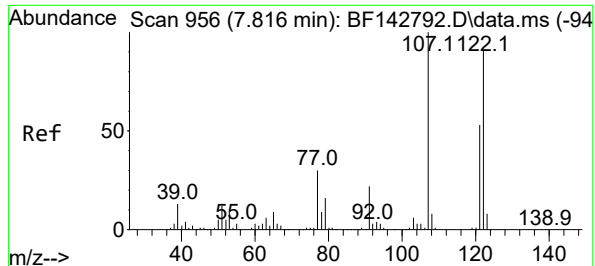
Tgt Ion: 82 Resp: 361539
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 20.5 16.2 24.4



#26
2-Nitrophenol
Concen: 42.865 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:139 Resp: 113200
Ion Ratio Lower Upper
139 100
109 27.9 22.7 34.1
65 45.8 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 41.524 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

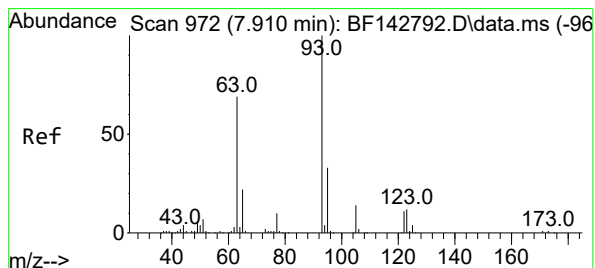
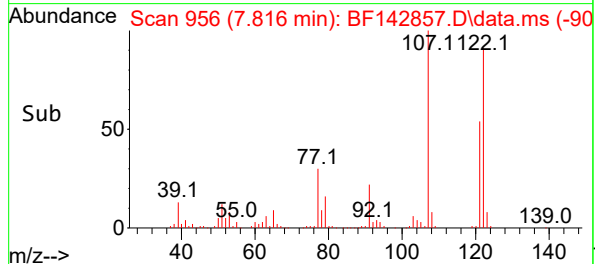
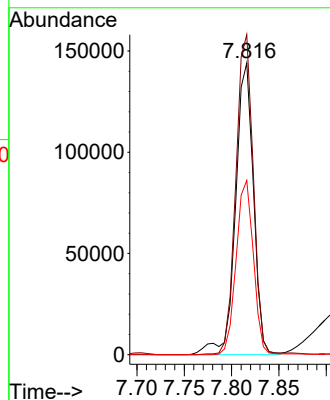
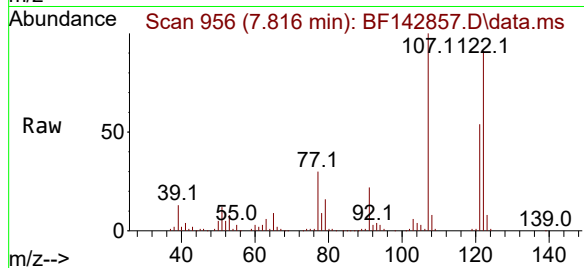
Tgt Ion:122 Resp: 189948

Ion Ratio Lower Upper

122 100

107 109.7 88.0 132.0

121 59.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.833 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

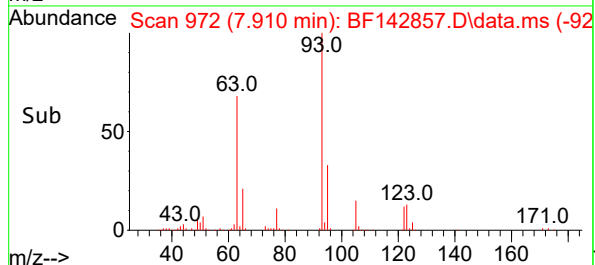
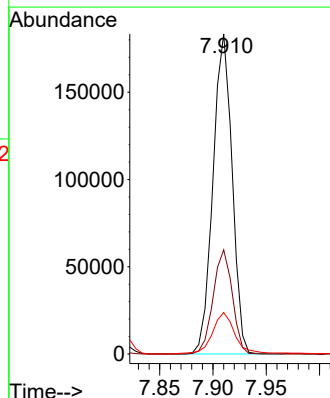
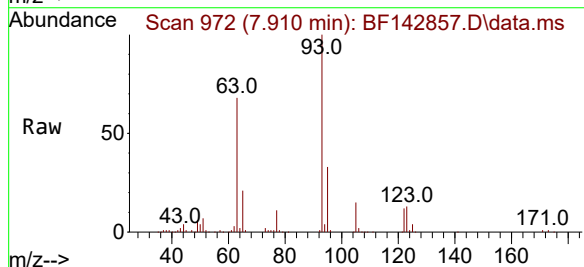
Tgt Ion: 93 Resp: 228518

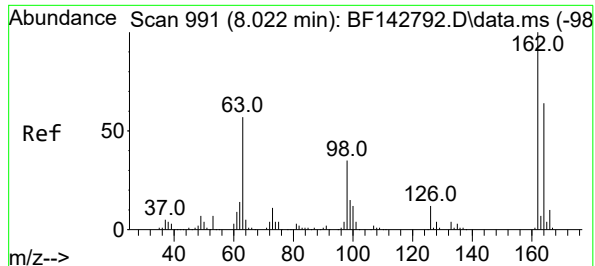
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.662 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

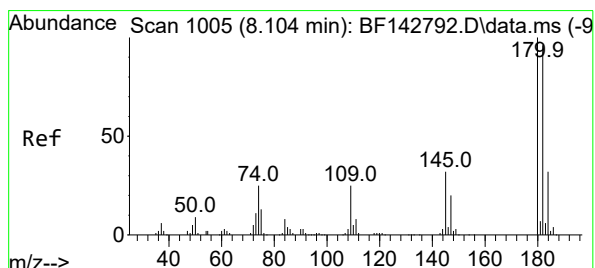
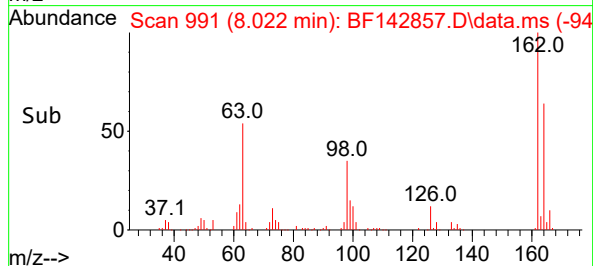
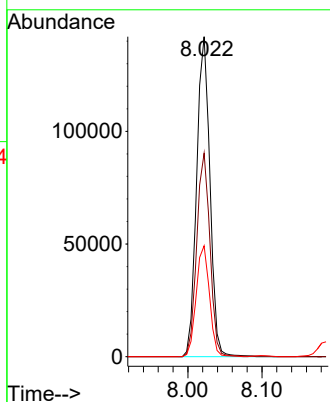
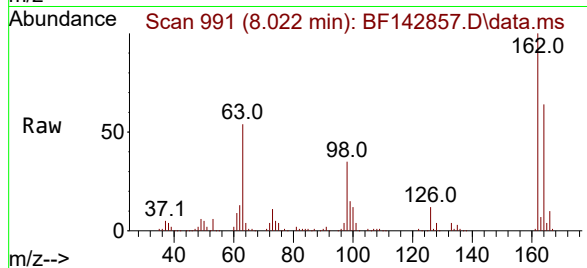
Tgt Ion:162 Resp: 176952

Ion Ratio Lower Upper

162 100

164 63.6 44.0 84.0

98 34.6 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 41.427 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

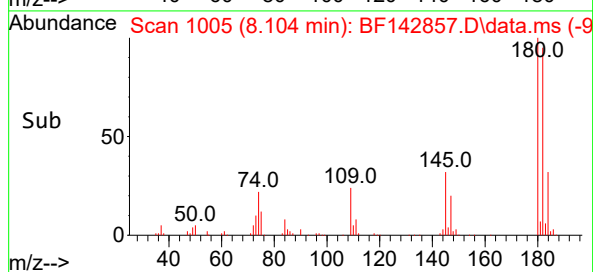
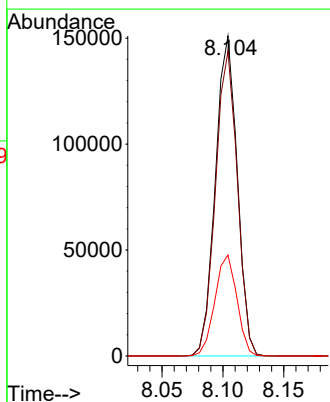
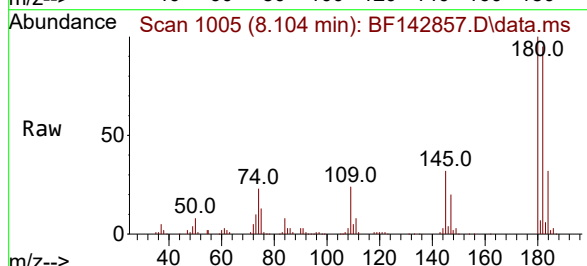
Tgt Ion:180 Resp: 188945

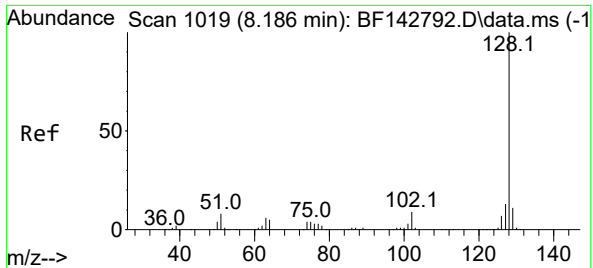
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 31.5 25.8 38.8





#31

Naphthalene

Concen: 41.483 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

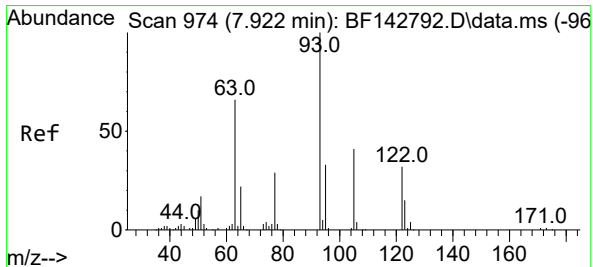
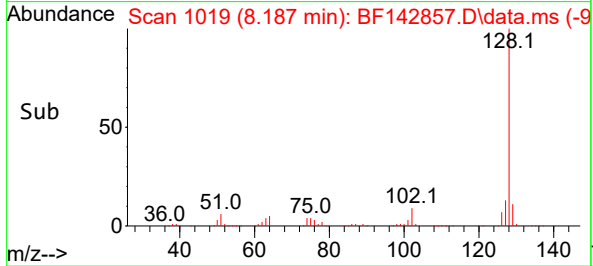
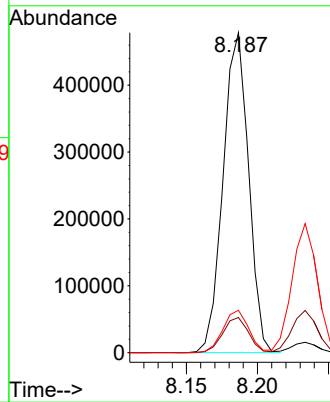
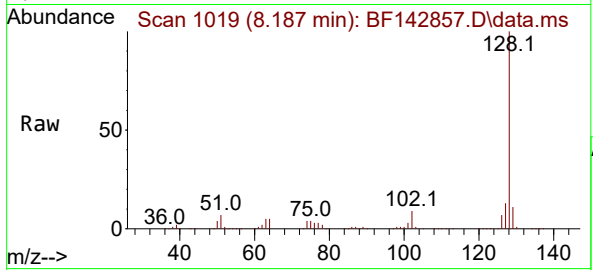
Tgt Ion:128 Resp: 596557

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.2 10.4 15.6



#32

Benzoic acid

Concen: 44.569 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

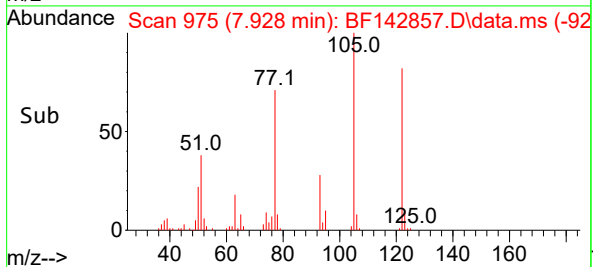
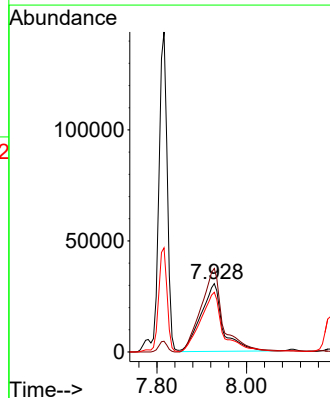
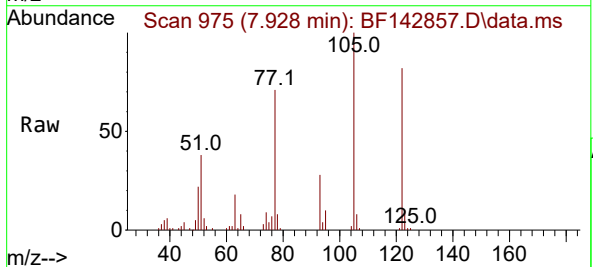
Tgt Ion:122 Resp: 103914

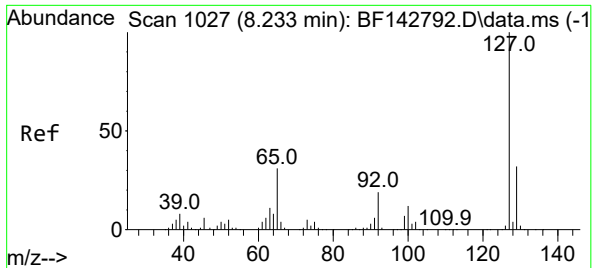
Ion Ratio Lower Upper

122 100

105 122.4 104.7 144.7

77 87.4 70.2 110.2

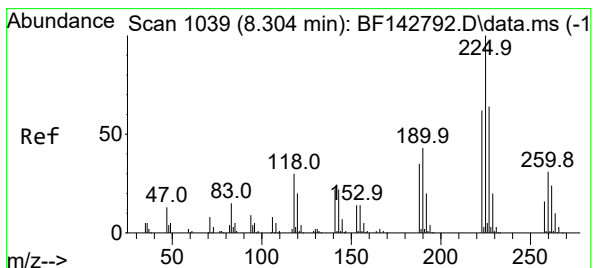
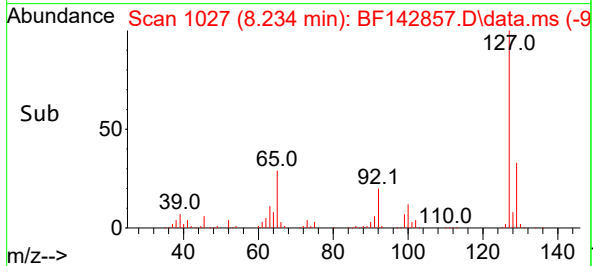
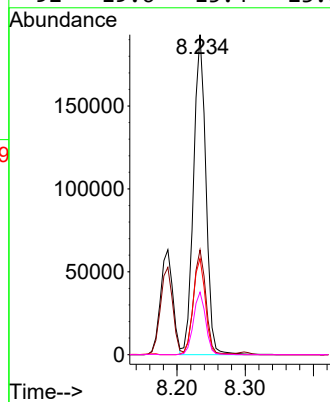
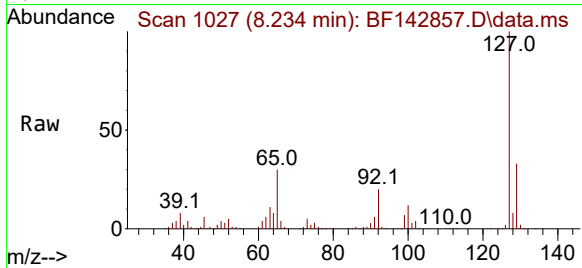




#33
4-Chloroaniline
Concen: 41.521 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

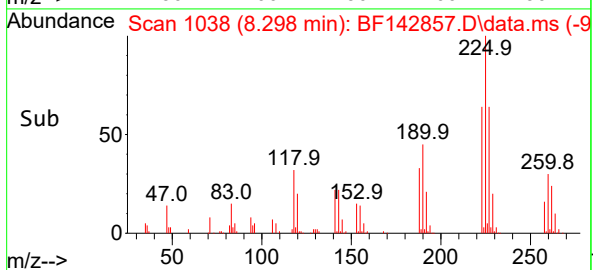
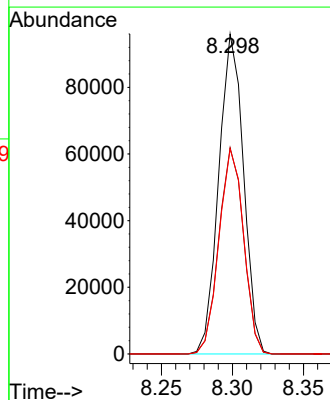
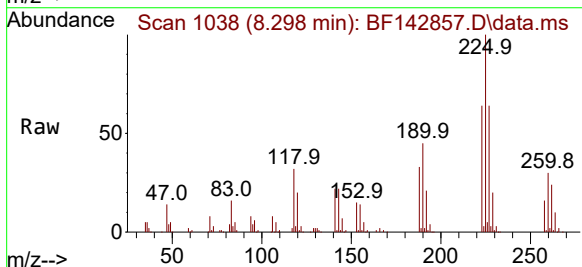
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

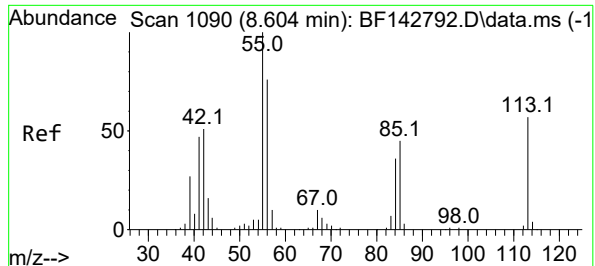
Tgt Ion:	127	Resp:	242792
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	30.0	24.6	36.8
92	19.6	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.712 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:	225	Resp:	116369
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.9	74.9
227	64.1	51.4	77.0





#35

Caprolactam

Concen: 45.799 ng

RT: 8.610 min Scan# 1091

Delta R.T. 0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

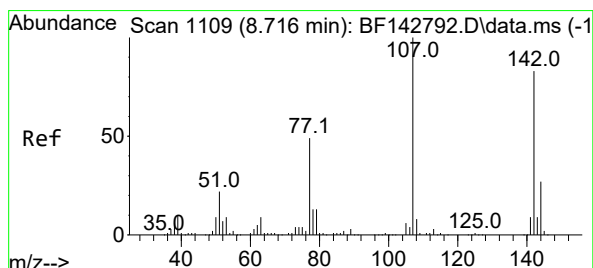
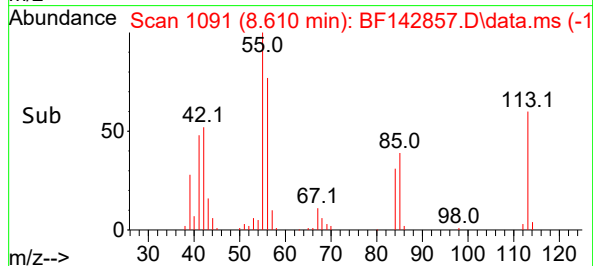
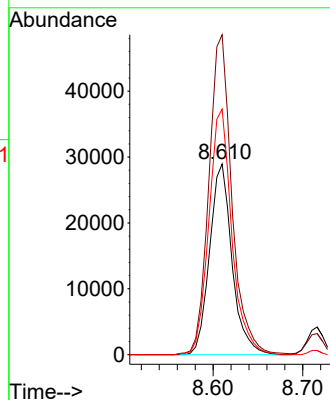
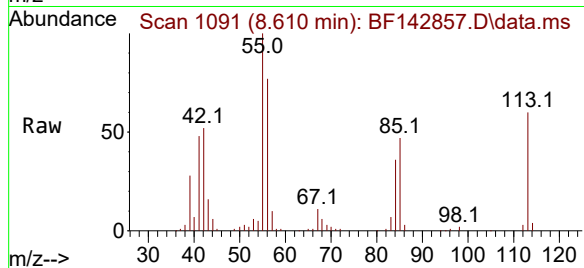
Tgt Ion:113 Resp: 50127

Ion Ratio Lower Upper

113 100

55 167.8 154.4 194.4

56 128.8 112.1 152.1



#36

4-Chloro-3-methylphenol

Concen: 42.848 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

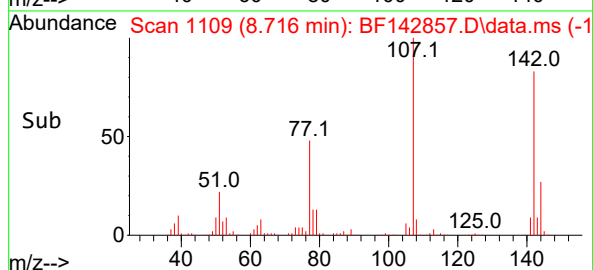
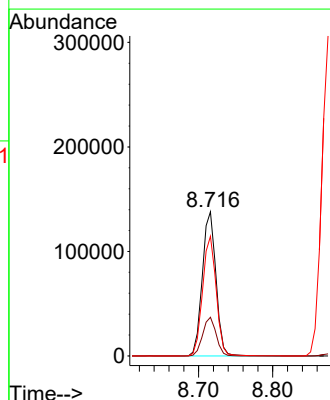
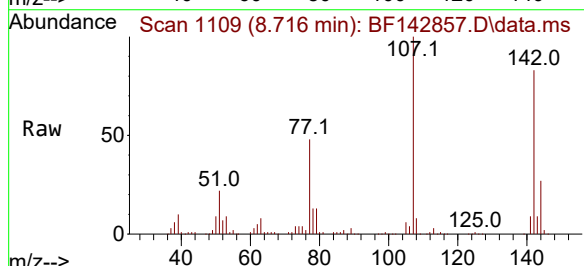
Tgt Ion:107 Resp: 176626

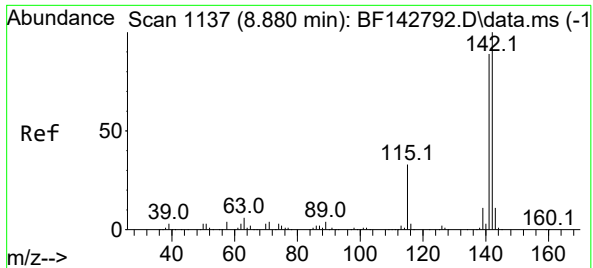
Ion Ratio Lower Upper

107 100

144 26.9 21.3 31.9

142 83.0 66.6 100.0

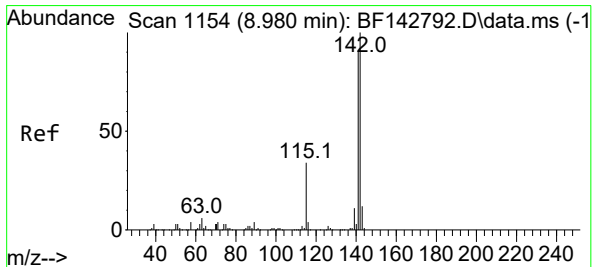
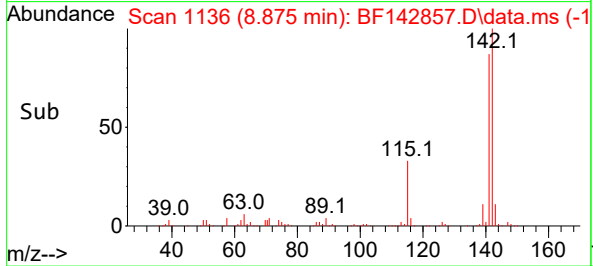
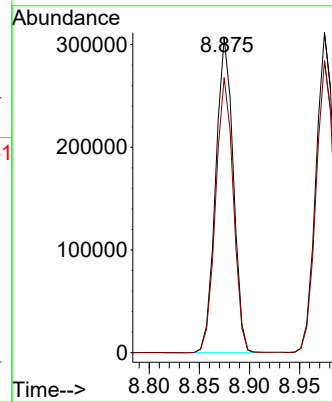
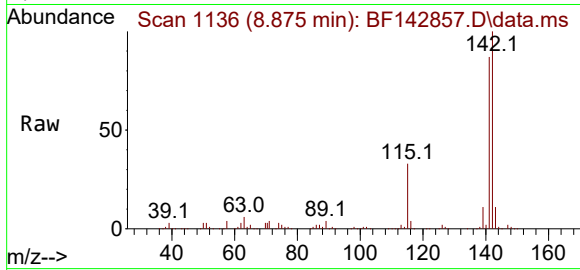




#37
2-Methylnaphthalene
Concen: 42.060 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

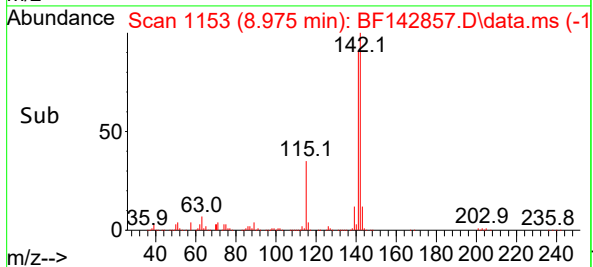
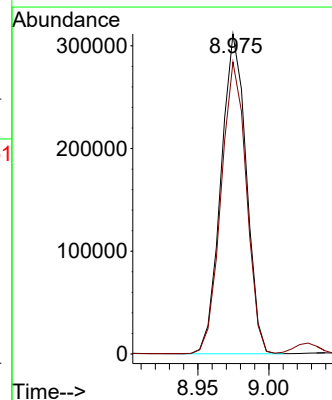
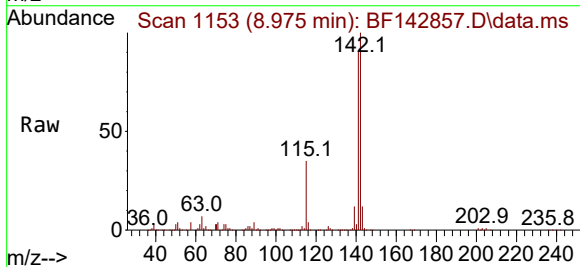
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

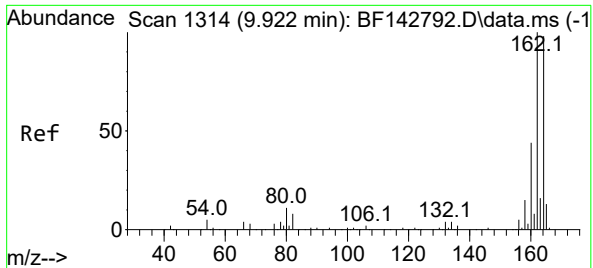
Tgt Ion:142 Resp: 374990
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3



#38
1-Methylnaphthalene
Concen: 41.709 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:142 Resp: 384945
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# 1164

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

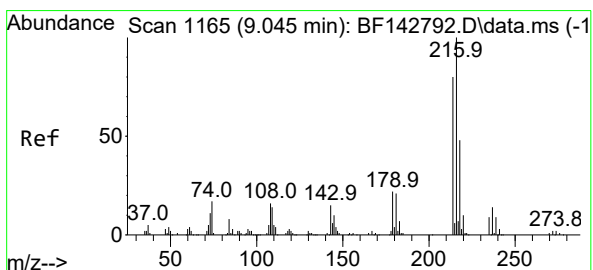
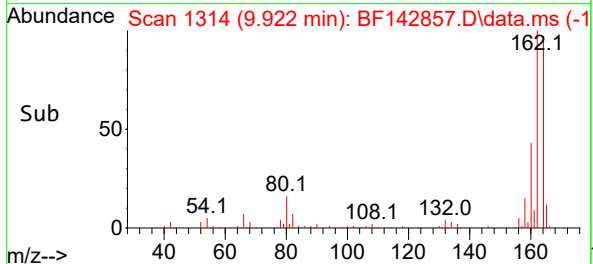
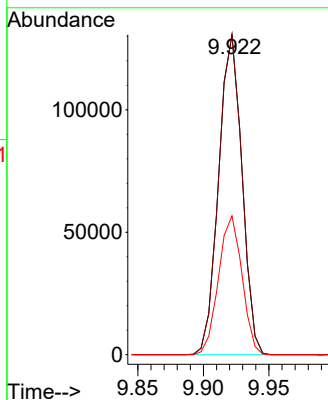
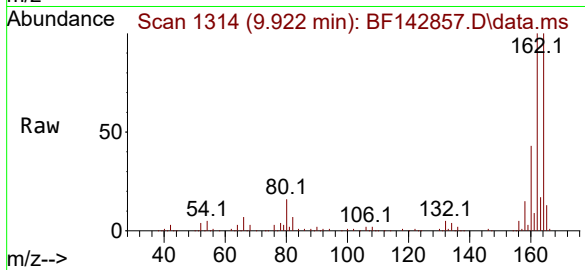
Tgt Ion:164 Resp: 161192

Ion Ratio Lower Upper

164 100

162 99.8 81.8 122.8

160 43.4 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.866 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Tgt Ion:216 Resp: 189612

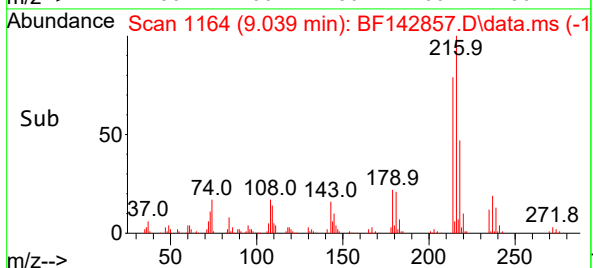
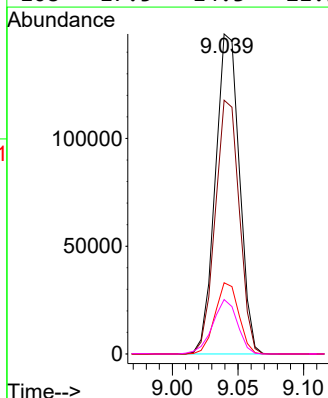
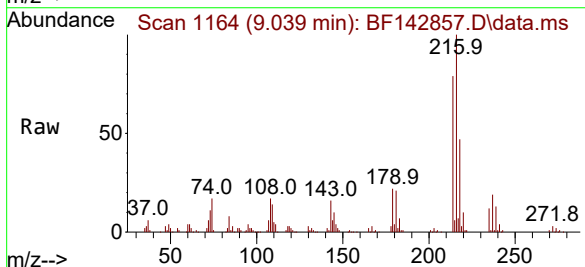
Ion Ratio Lower Upper

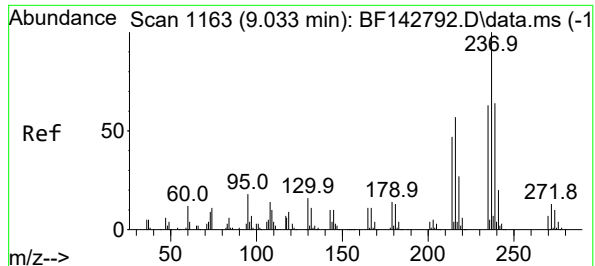
216 100

214 79.1 63.7 95.5

179 21.8 17.6 26.4

108 17.5 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 37.655 ng

RT: 9.028 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

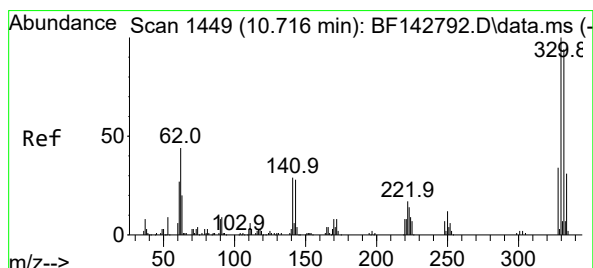
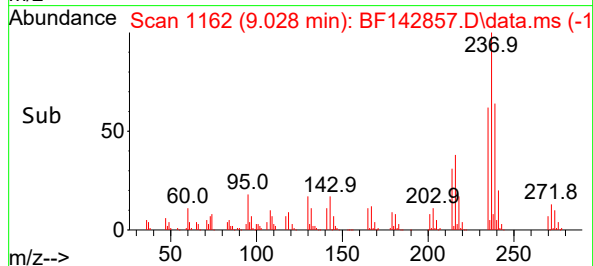
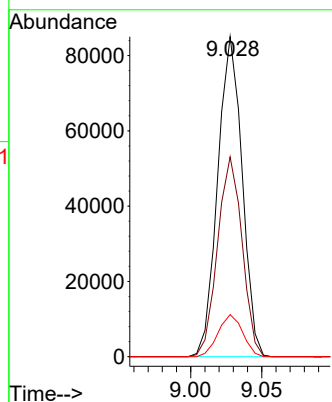
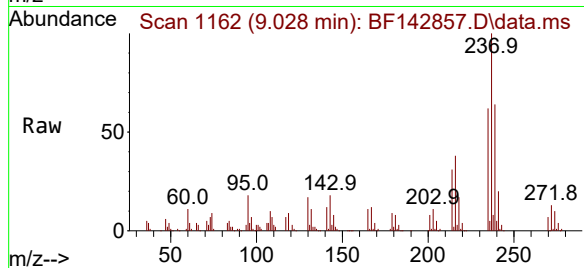
Tgt Ion:237 Resp: 101634

Ion Ratio Lower Upper

237 100

235 62.5 43.4 83.4

272 13.2 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 86.637 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

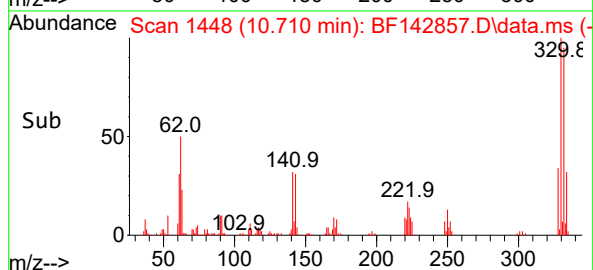
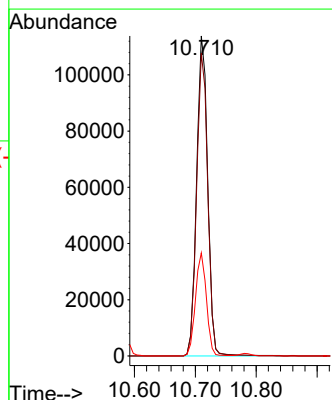
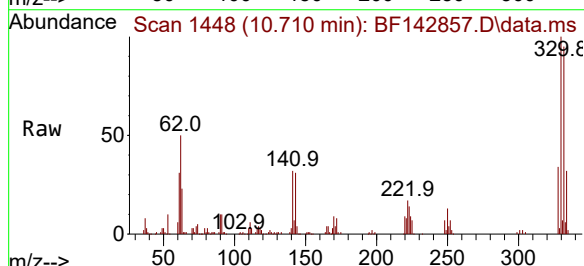
Tgt Ion:330 Resp: 143711

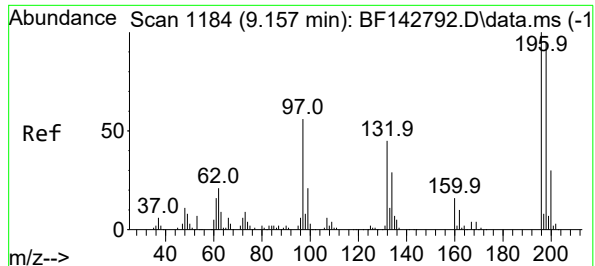
Ion Ratio Lower Upper

330 100

332 95.1 75.0 112.6

141 31.8 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 40.280 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

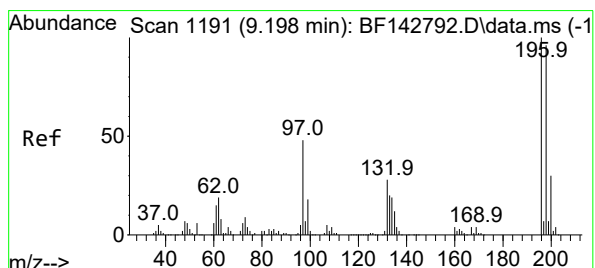
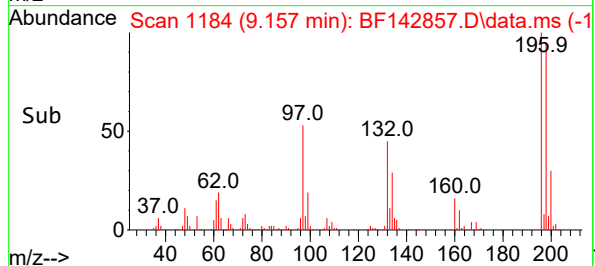
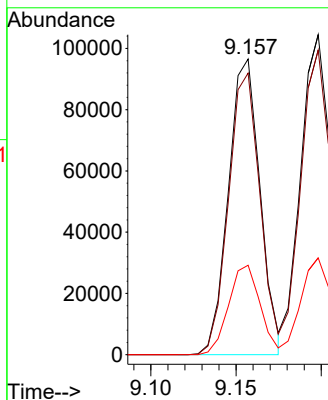
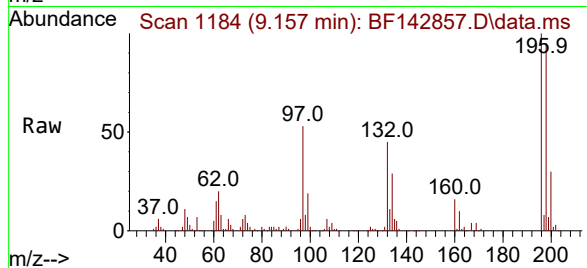
Tgt Ion:196 Resp: 124841

Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.2

200 30.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 40.909 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Tgt Ion:196 Resp: 133468

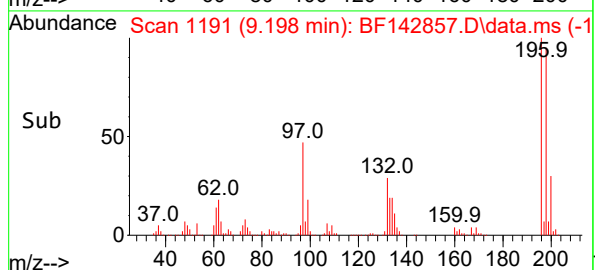
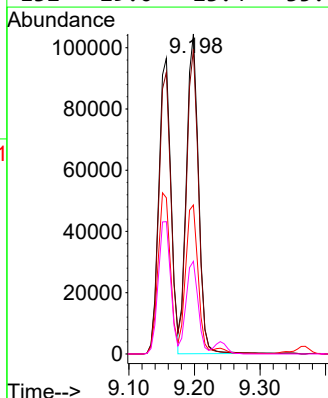
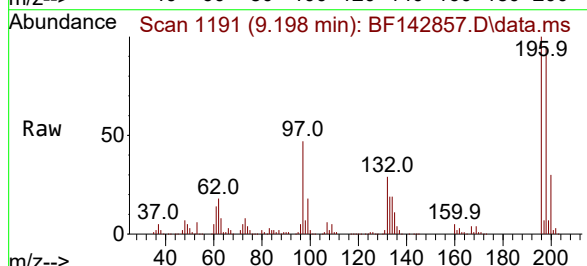
Ion Ratio Lower Upper

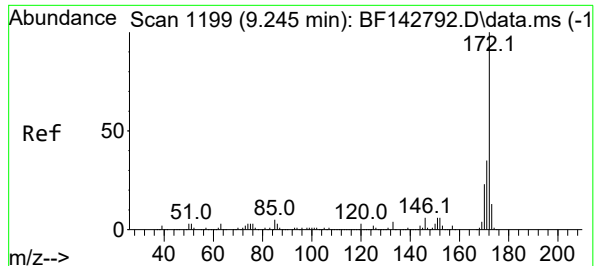
196 100

198 95.2 76.6 115.0

97 46.6 38.2 57.2

132 29.0 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 89.165 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

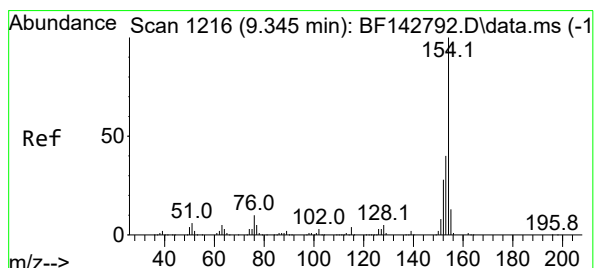
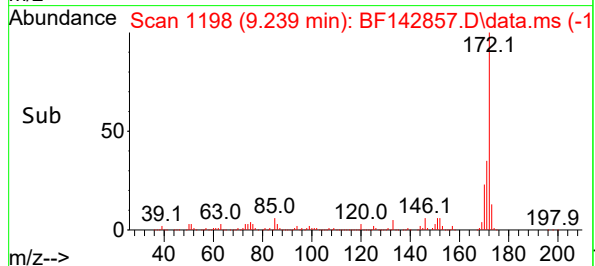
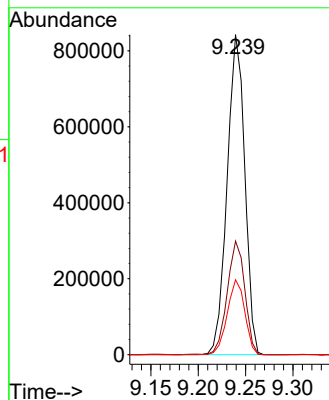
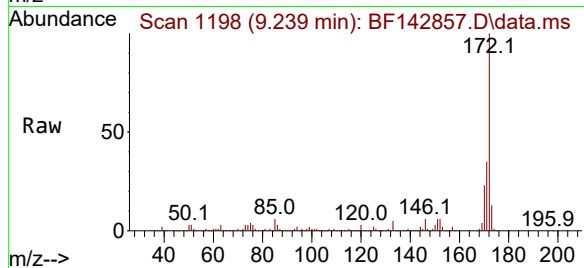
Tgt Ion:172 Resp: 1094086

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.4 18.5 27.7



#46

1,1'-Biphenyl

Concen: 39.558 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

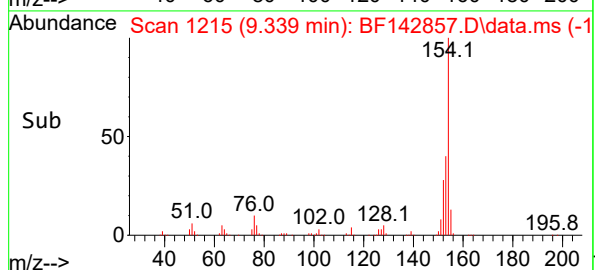
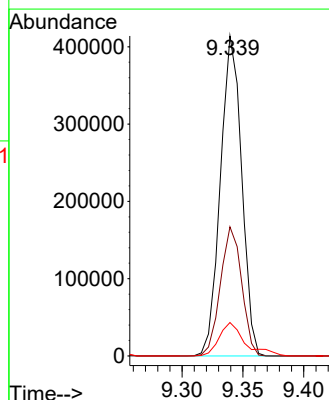
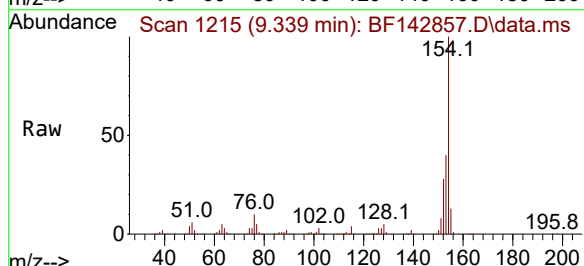
Tgt Ion:154 Resp: 503702

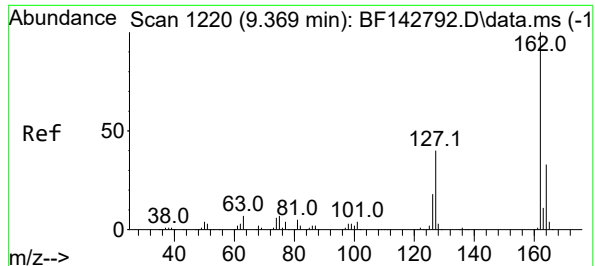
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 10.5 0.0 30.3





#47

2-Chloronaphthalene

Concen: 39.654 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

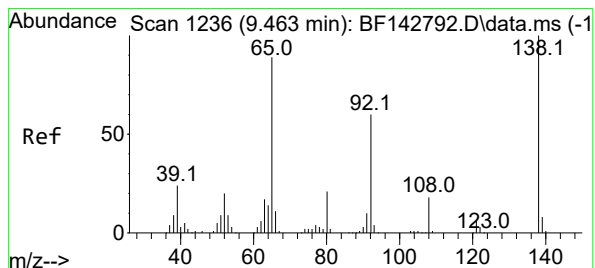
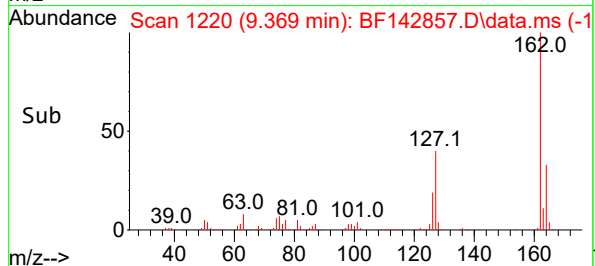
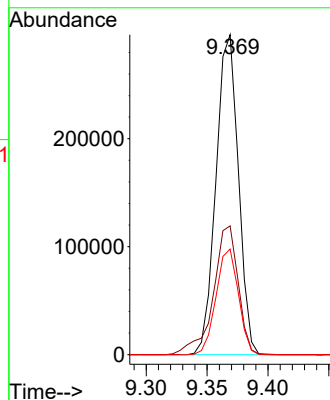
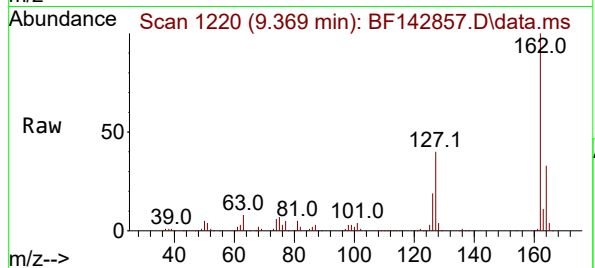
Tgt Ion:162 Resp: 378913

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.2

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 41.899 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

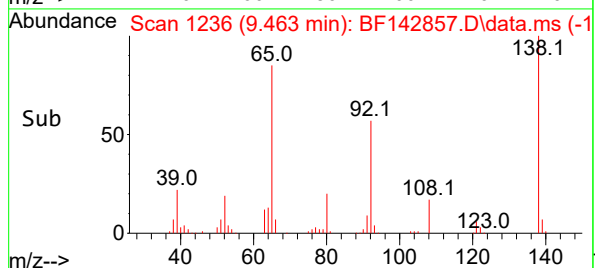
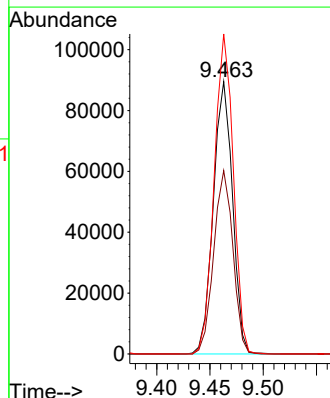
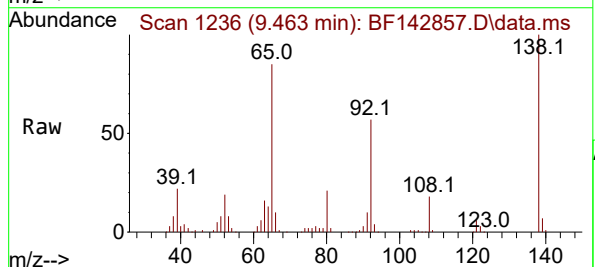
Tgt Ion: 65 Resp: 112245

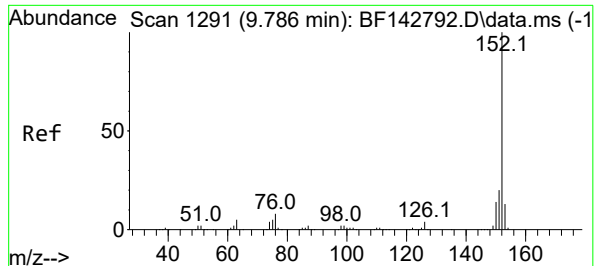
Ion Ratio Lower Upper

65 100

92 67.4 53.8 80.6

138 117.5 89.6 134.4





#49

Acenaphthylene

Concen: 40.026 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

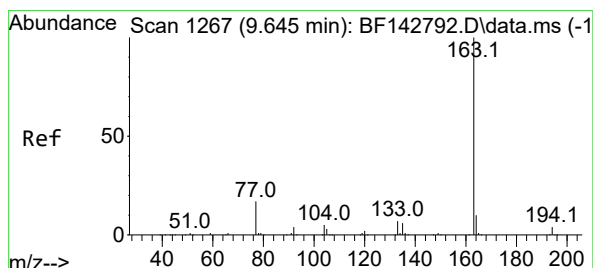
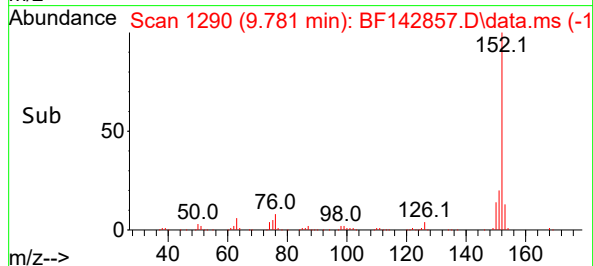
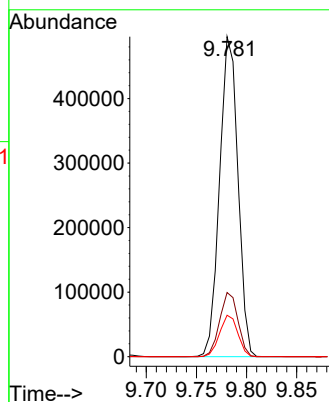
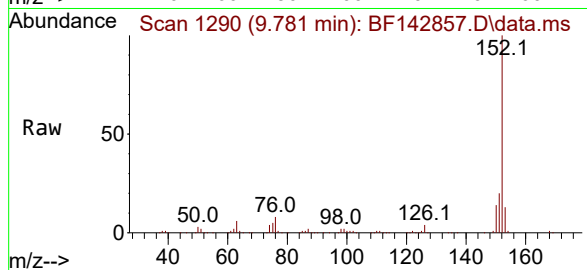
Tgt Ion:152 Resp: 629626

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 42.093 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

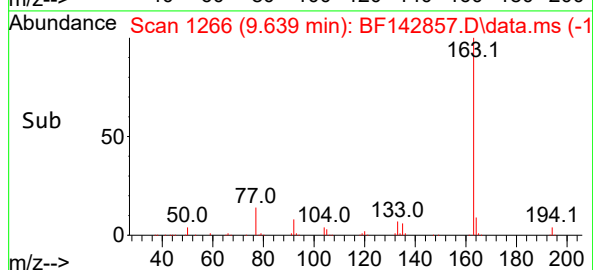
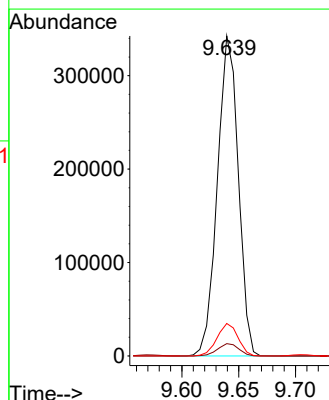
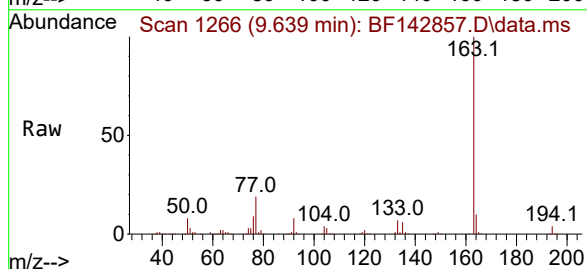
Tgt Ion:163 Resp: 439200

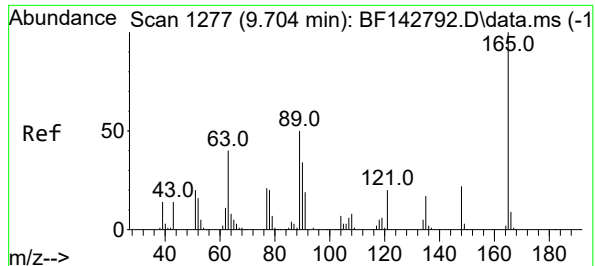
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 42.193 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

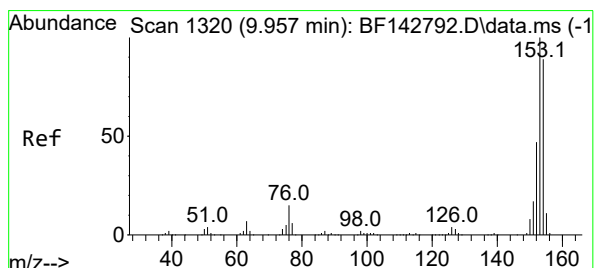
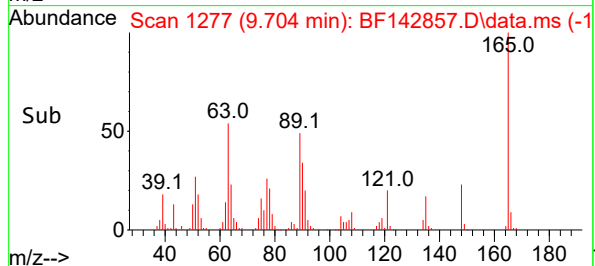
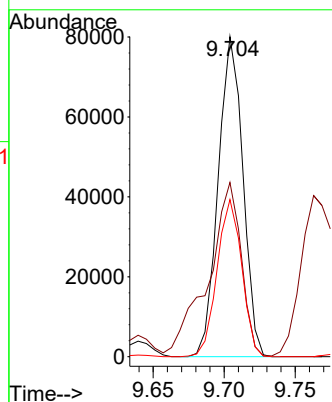
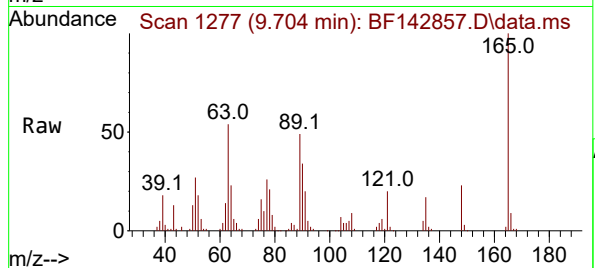
Tgt Ion:165 Resp: 96682

Ion Ratio Lower Upper

165 100

63 54.5 44.2 66.4

89 49.1 39.8 59.8



#52

Acenaphthene

Concen: 40.345 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

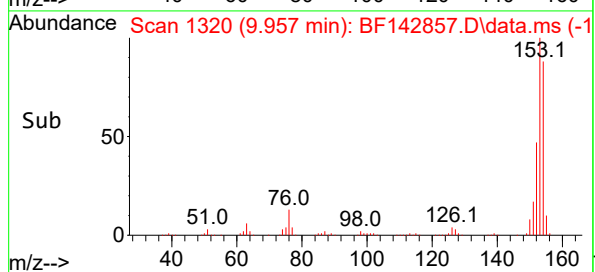
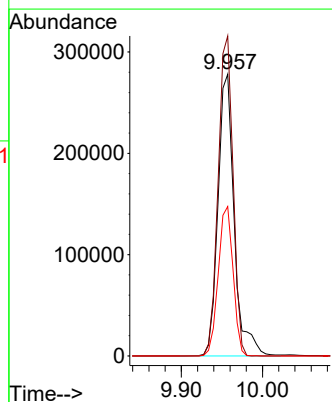
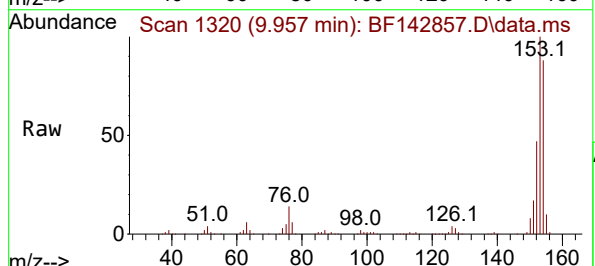
Tgt Ion:154 Resp: 387211

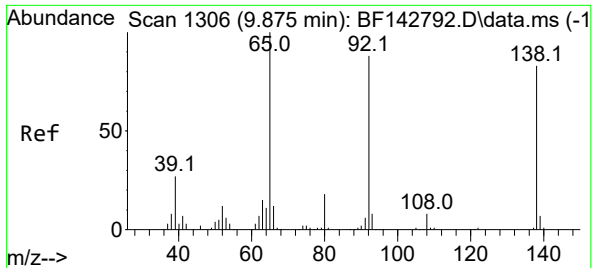
Ion Ratio Lower Upper

154 100

153 113.6 90.0 135.0

152 53.0 41.9 62.9

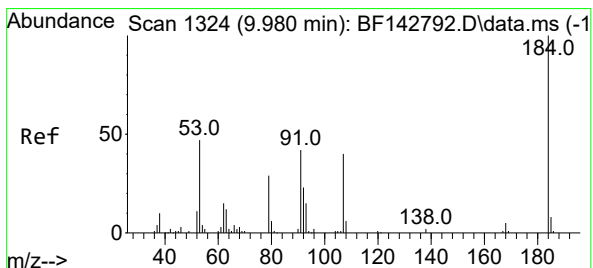
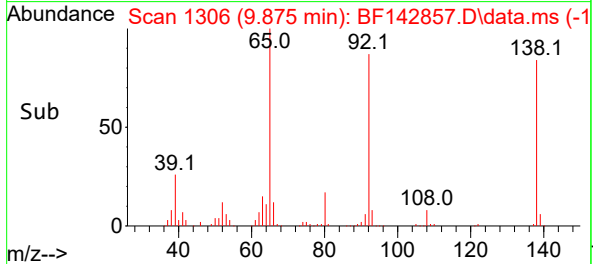
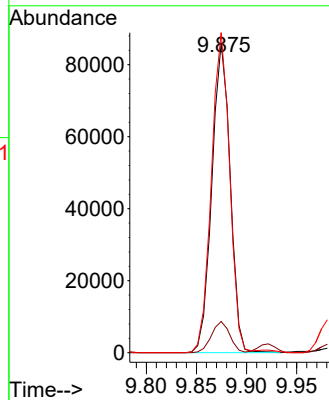
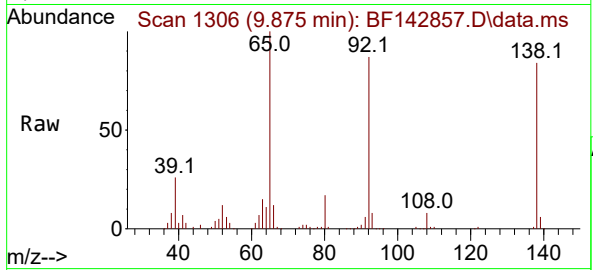




#53
3-Nitroaniline
Concen: 43.274 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

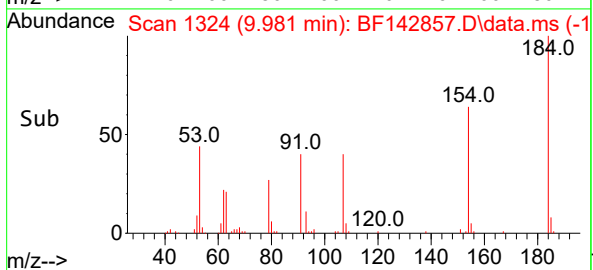
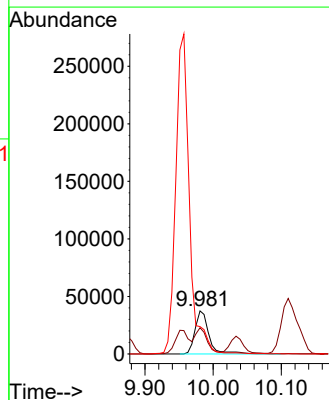
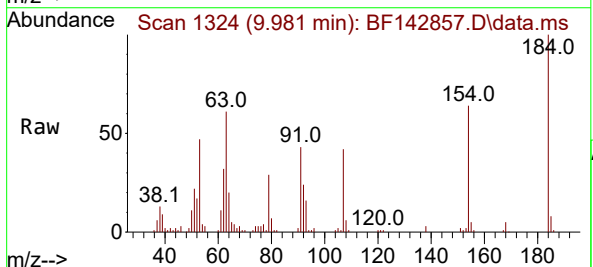
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

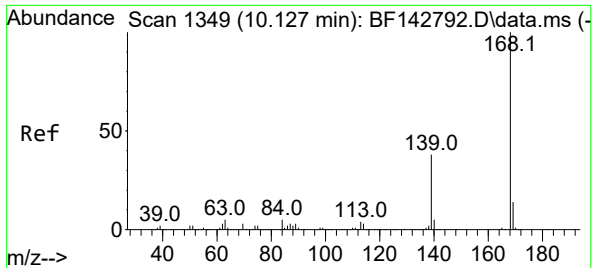
Tgt Ion:138 Resp: 109174
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 103.2 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 46.144 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:184 Resp: 52943
Ion Ratio Lower Upper
184 100
63 61.0 50.6 75.8
154 63.5 51.8 77.8





#55

Dibenzofuran

Concen: 40.382 ng

RT: 10.128 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

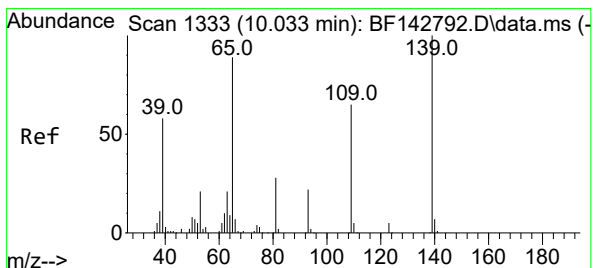
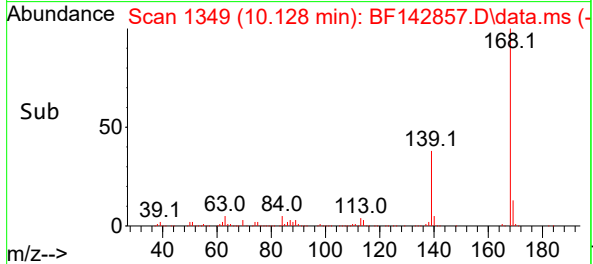
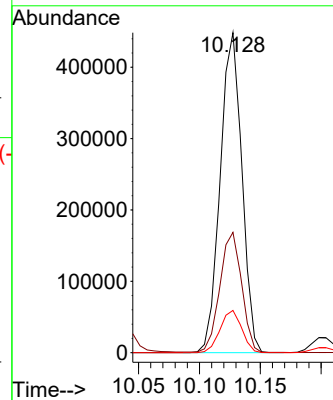
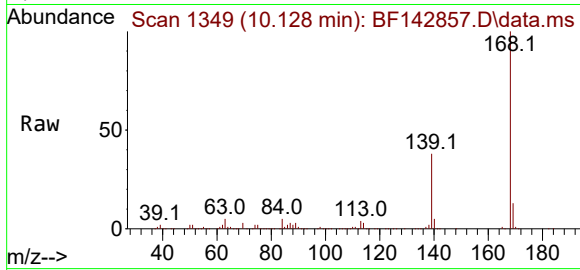
Tgt Ion:168 Resp: 555756

Ion Ratio Lower Upper

168 100

139 37.6 30.2 45.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 43.390 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

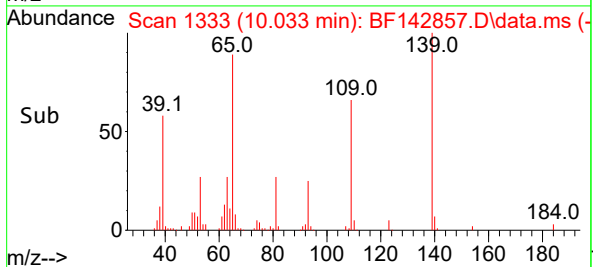
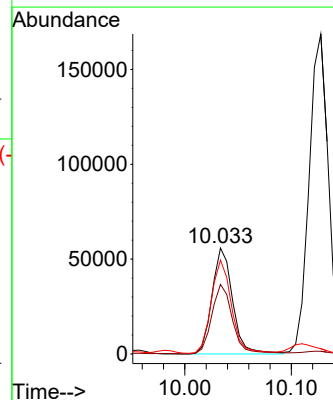
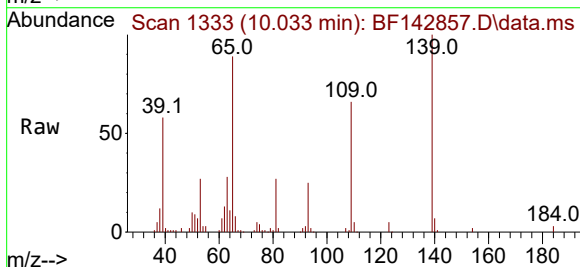
Tgt Ion:139 Resp: 74942

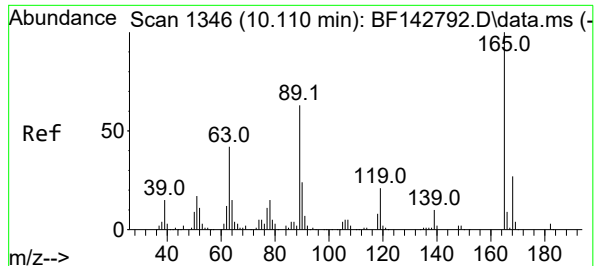
Ion Ratio Lower Upper

139 100

109 65.8 44.7 84.7

65 88.7 69.8 109.8

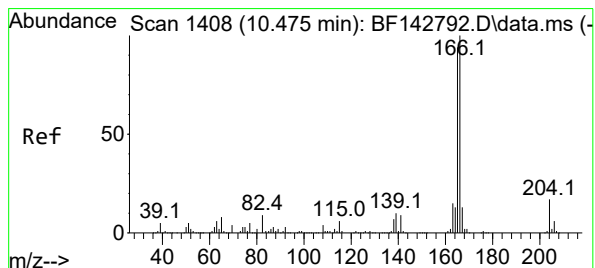
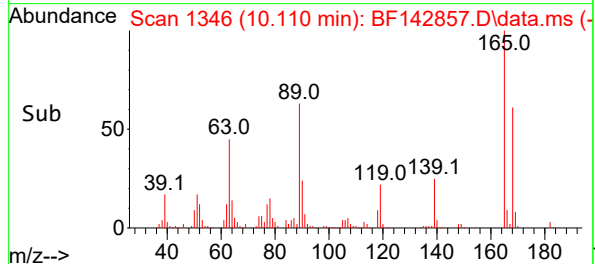
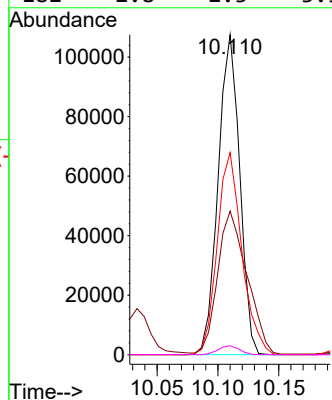
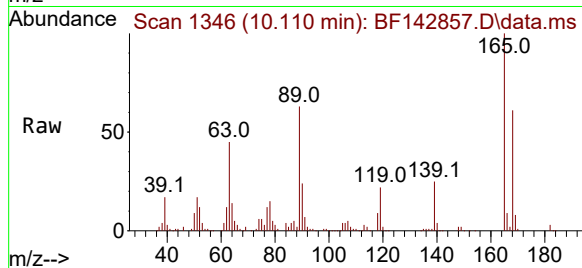




#57
2,4-Dinitrotoluene
Concen: 43.509 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

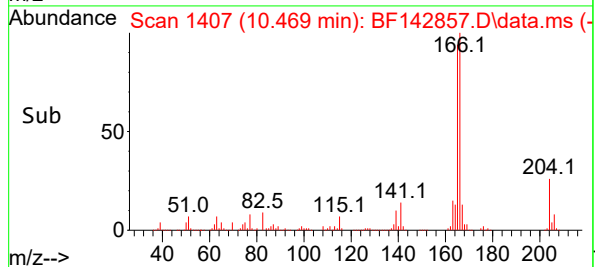
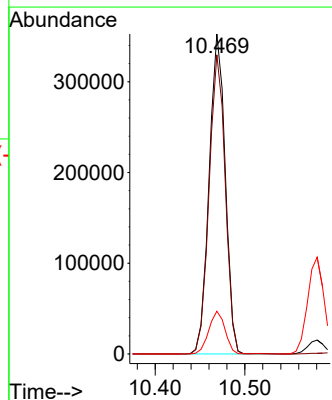
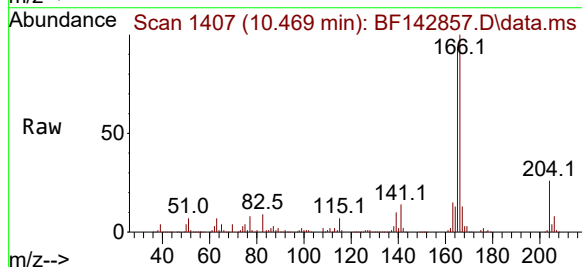
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

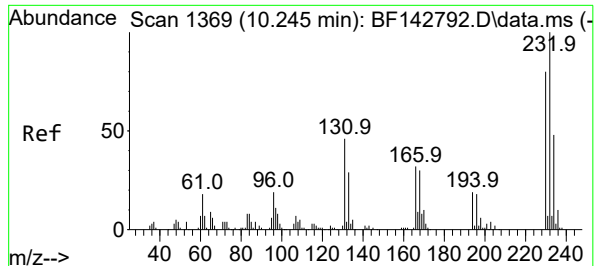
Tgt Ion:165 Resp: 132428
Ion Ratio Lower Upper
165 100
63 44.8 33.9 50.9
89 63.1 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 40.911 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:166 Resp: 439722
Ion Ratio Lower Upper
166 100
165 93.5 75.2 112.8
167 13.3 10.6 15.8

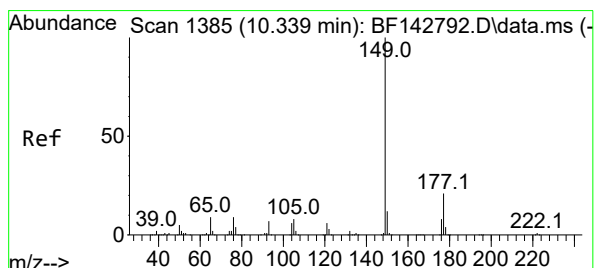
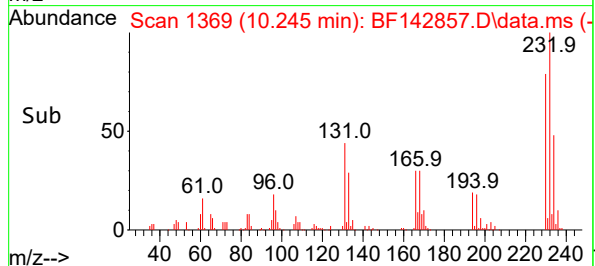
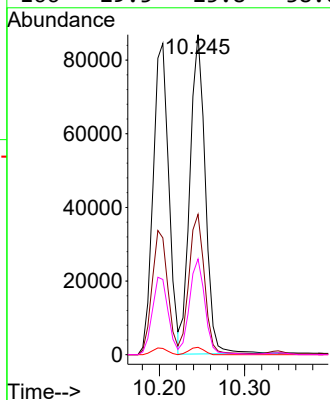
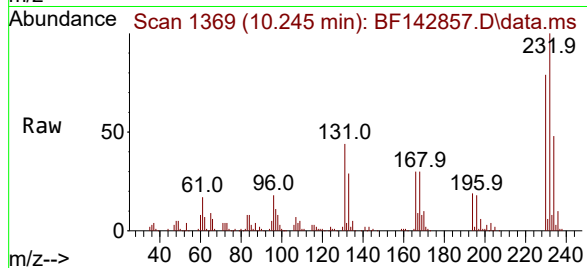




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.271 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

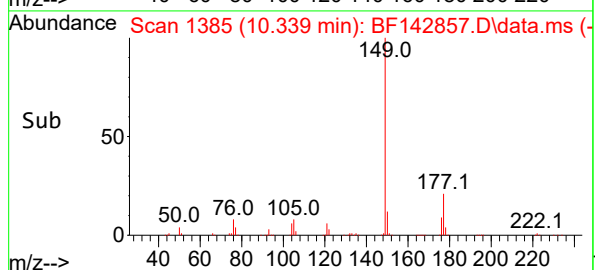
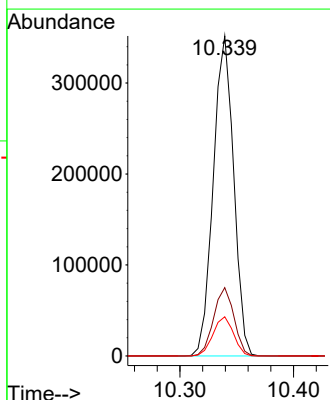
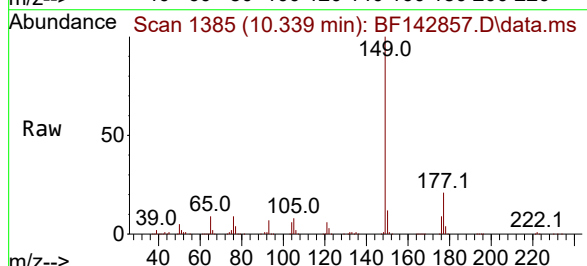
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

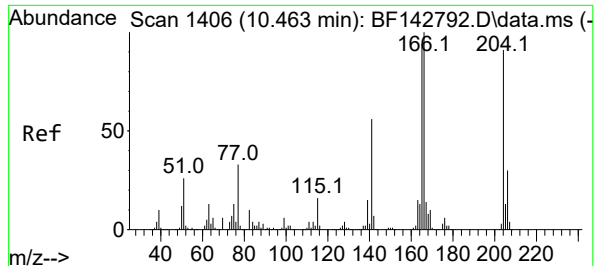
Tgt Ion:232 Resp: 108534
Ion Ratio Lower Upper
232 100
131 44.8 37.6 56.4
130 2.3 1.7 2.5
166 29.5 25.8 38.6



#60
Diethylphthalate
Concen: 42.907 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:149 Resp: 438956
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.2 9.8 14.6

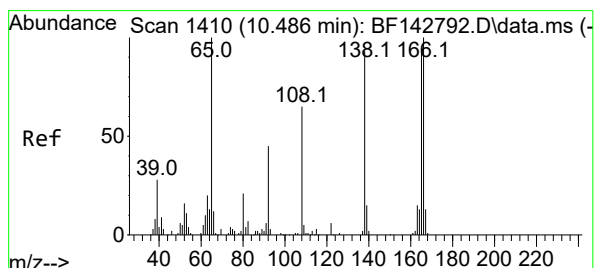
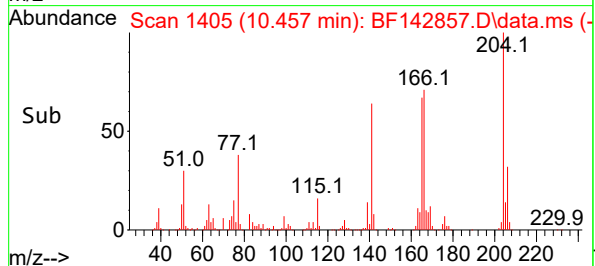
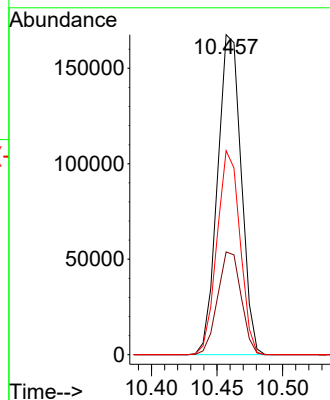
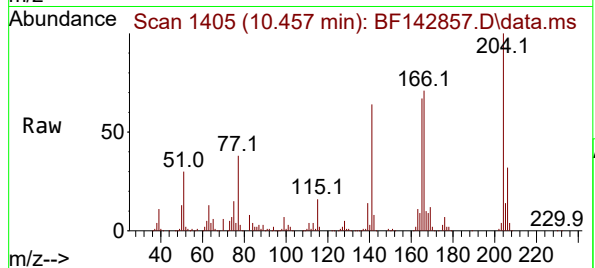




#61
4-Chlorophenyl-phenylether
Concen: 40.963 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

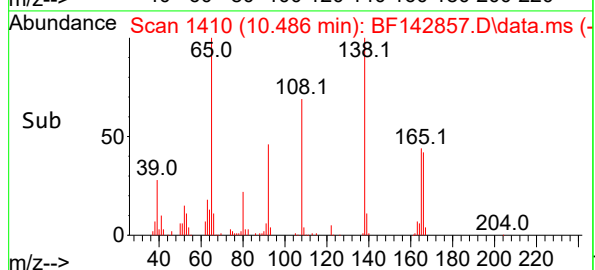
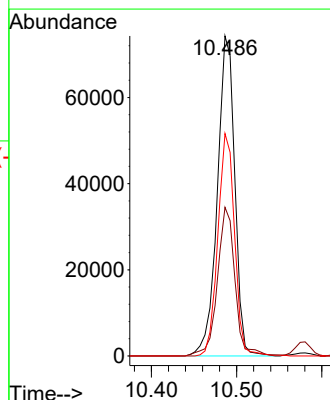
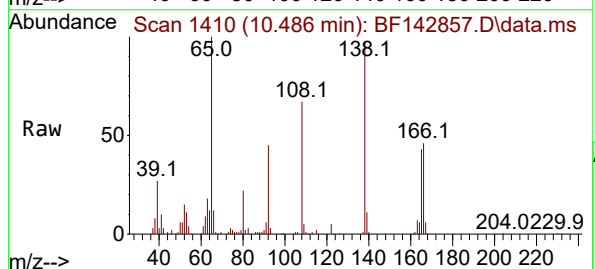
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

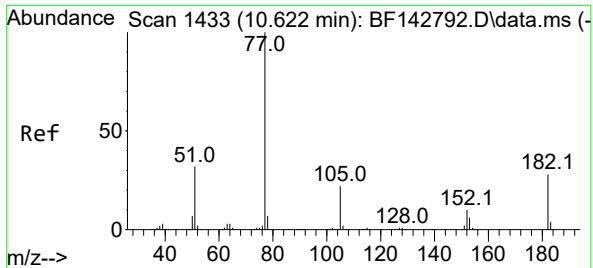
Tgt Ion:204 Resp: 210096
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 63.7 49.1 73.7



#62
4-Nitroaniline
Concen: 45.920 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:138 Resp: 105952
Ion Ratio Lower Upper
138 100
92 46.5 28.4 68.4
108 69.5 50.2 90.2

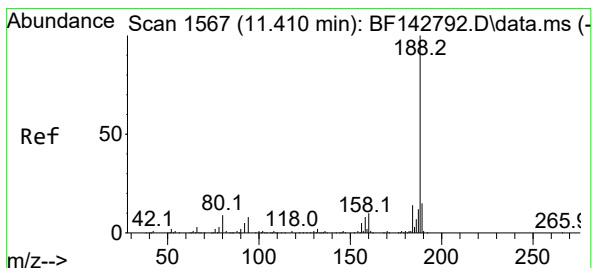
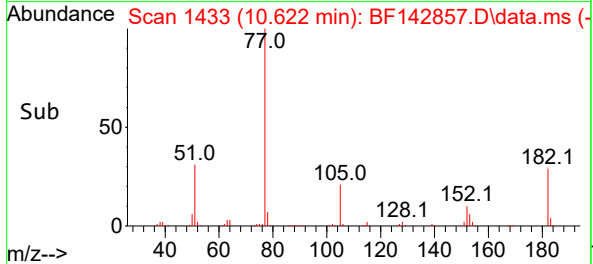
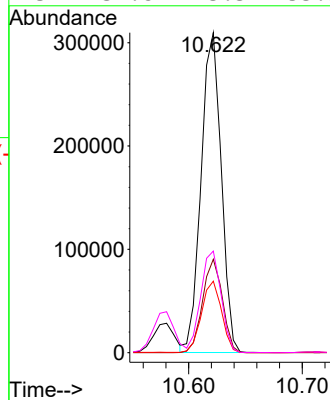
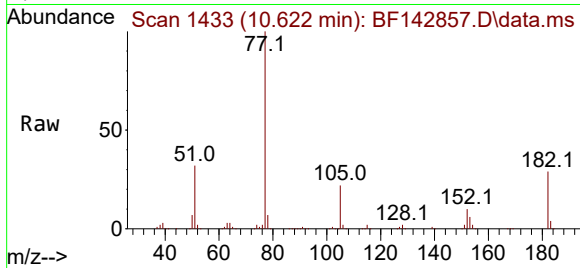




#63
Azobenzene
Concen: 41.712 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

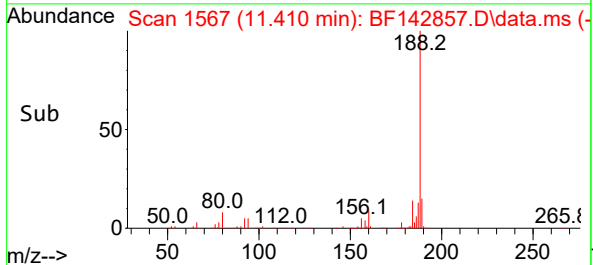
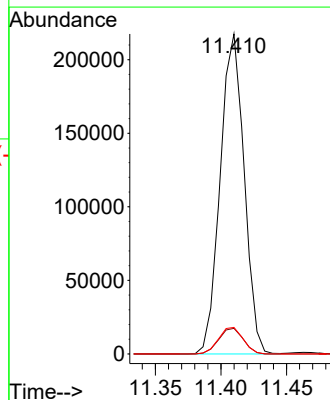
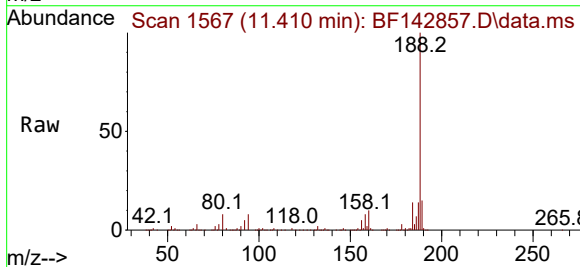
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

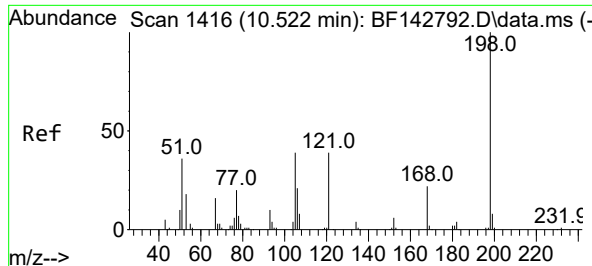
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.2	7.7	47.7
105	22.3	1.9	41.9
51	31.8	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.3	6.9	10.3

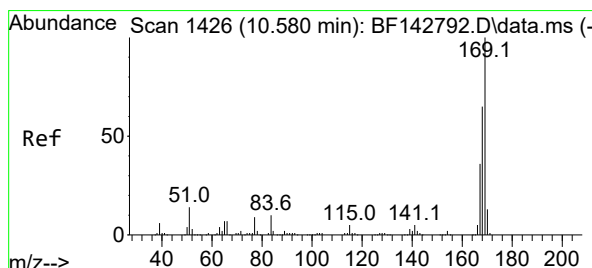
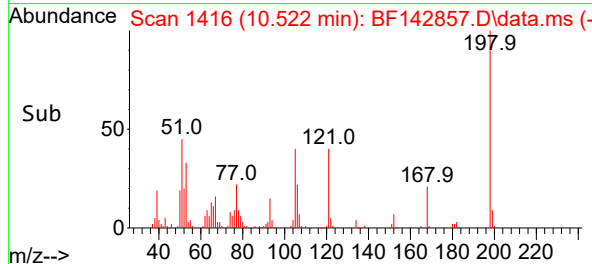
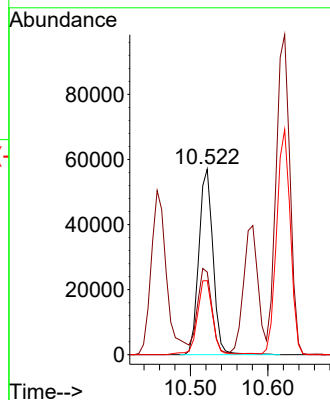
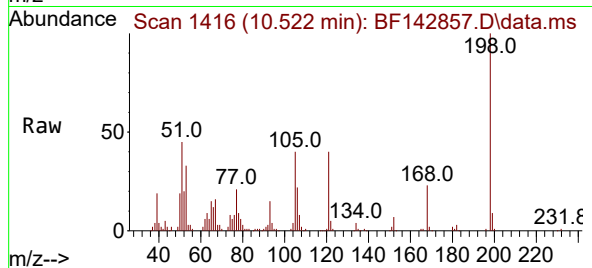




#65
4,6-Dinitro-2-methylphenol
Concen: 43.461 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

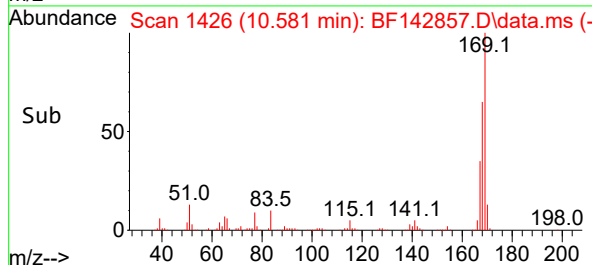
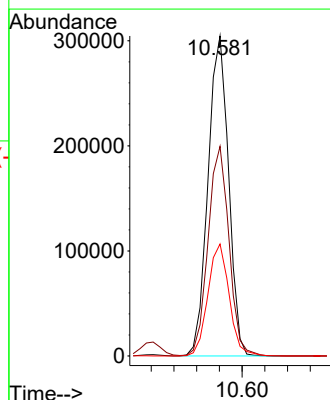
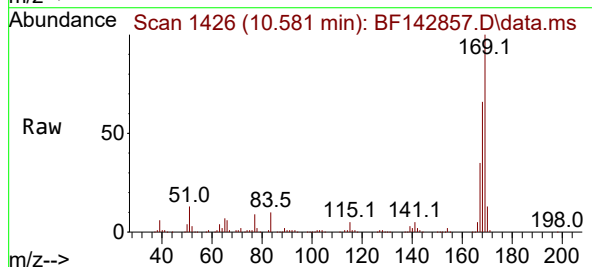
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

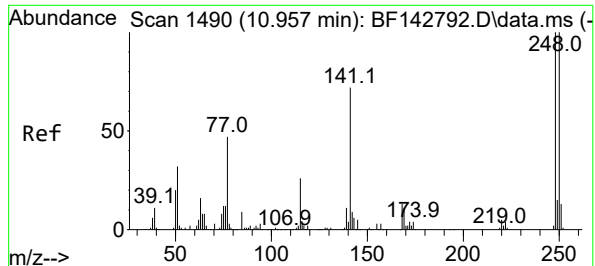
Tgt Ion:198 Resp: 72530
Ion Ratio Lower Upper
198 100
51 44.5 25.4 65.4
105 39.9 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 39.982 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:169 Resp: 382313
Ion Ratio Lower Upper
169 100
168 65.5 51.9 77.9
167 35.0 28.5 42.7

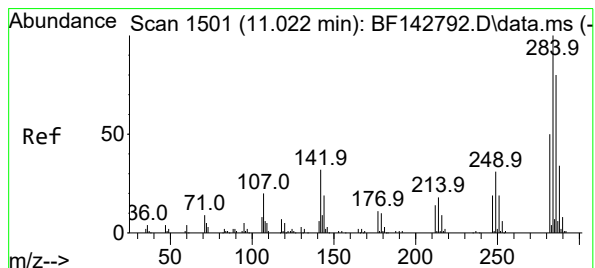
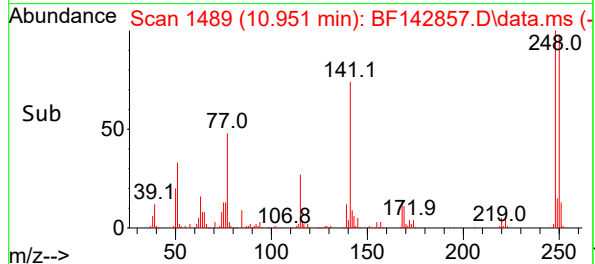
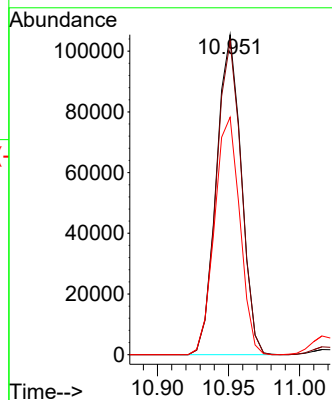
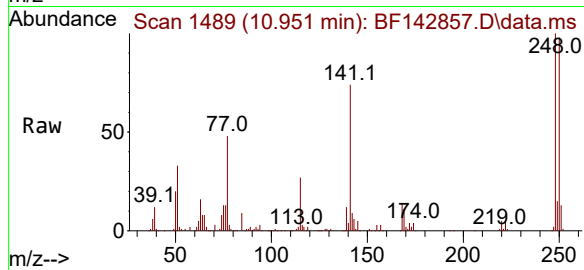




#67
4-Bromophenyl-phenylether
Concen: 40.863 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

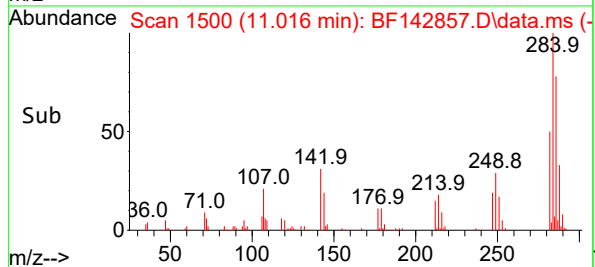
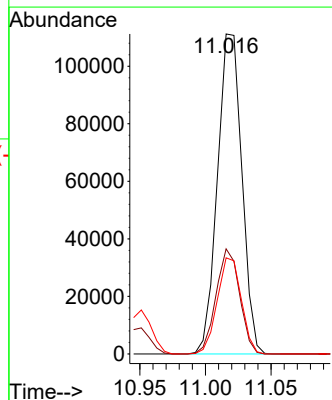
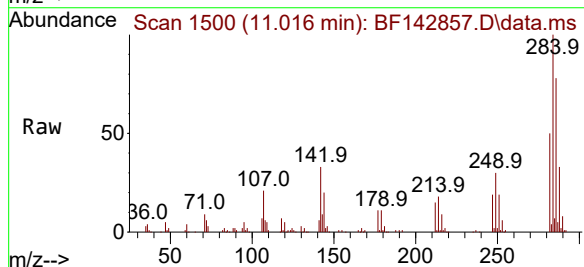
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

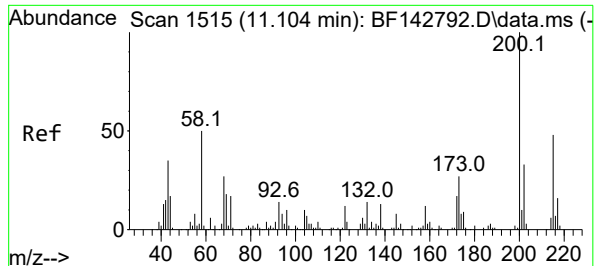
Tgt Ion:248 Resp: 128311
Ion Ratio Lower Upper
248 100
250 97.9 79.8 119.8
141 74.2 57.8 86.6



#68
Hexachlorobenzene
Concen: 41.259 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:284 Resp: 143957
Ion Ratio Lower Upper
284 100
142 32.9 25.5 38.3
249 30.0 24.9 37.3





#69

Atrazine

Concen: 46.514 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

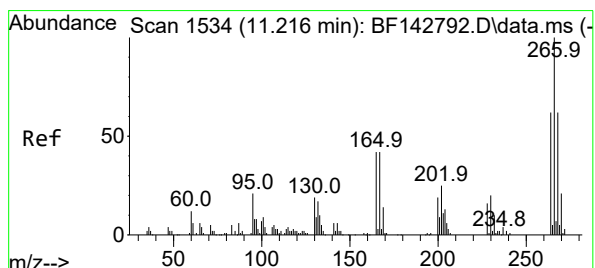
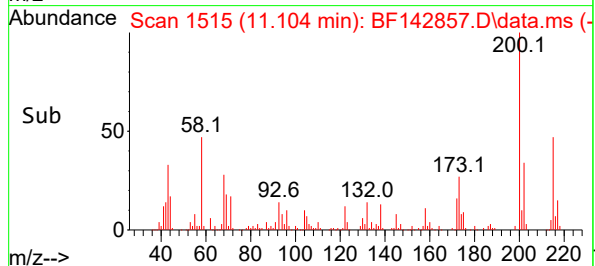
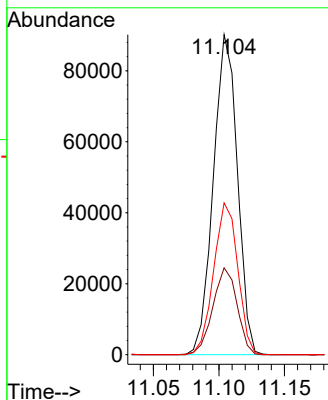
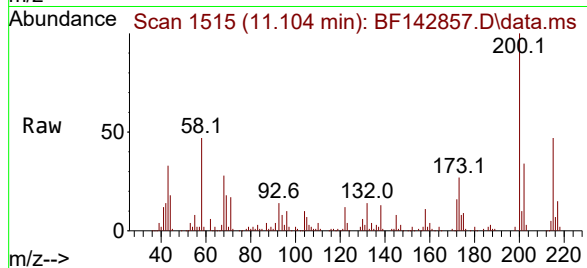
Tgt Ion:200 Resp: 114854

Ion Ratio Lower Upper

200 100

173 27.2 7.4 47.4

215 47.4 28.4 68.4



#70

Pentachlorophenol

Concen: 43.692 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

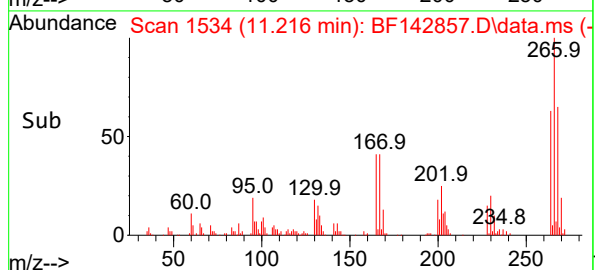
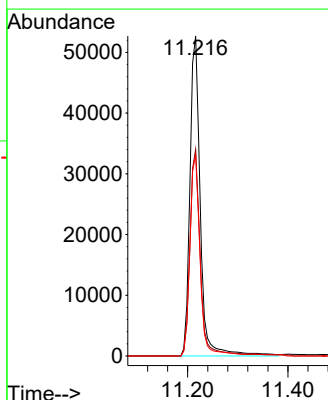
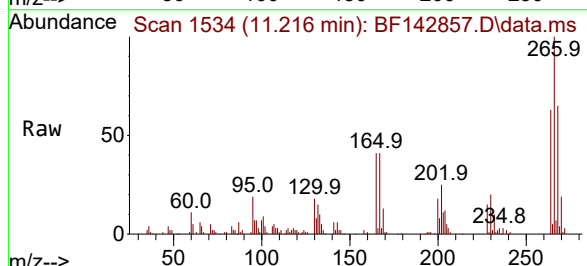
Tgt Ion:266 Resp: 75964

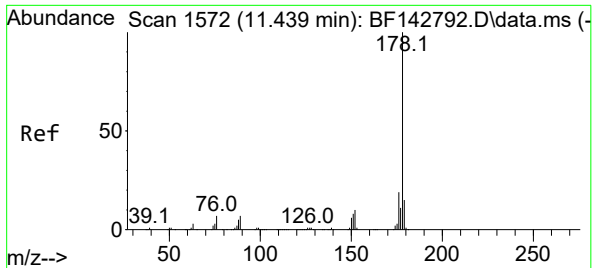
Ion Ratio Lower Upper

266 100

268 64.6 49.8 74.8

264 62.9 49.9 74.9

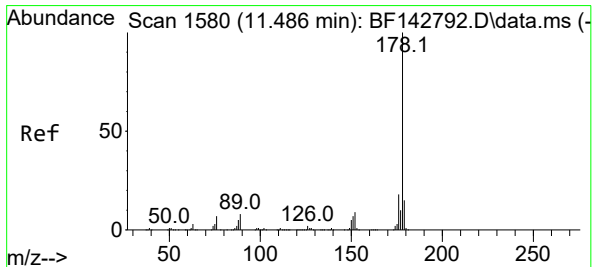
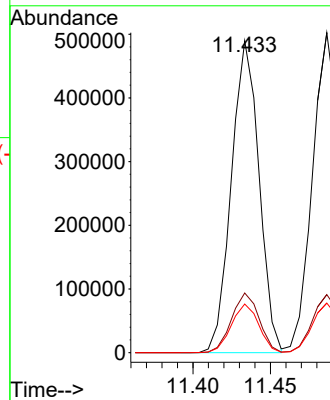
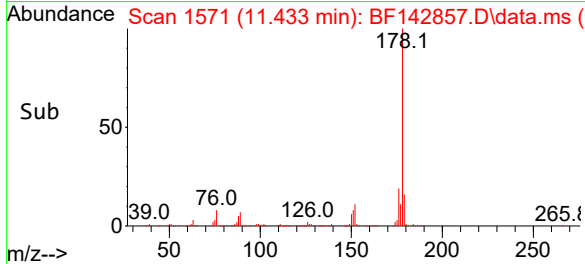
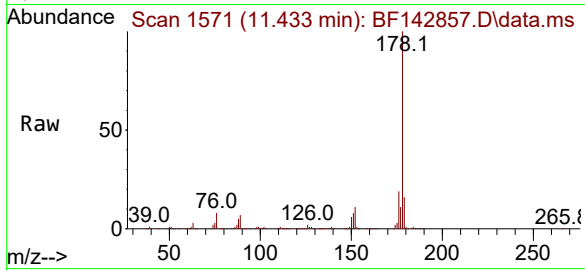




#71
Phenanthrene
Concen: 40.611 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

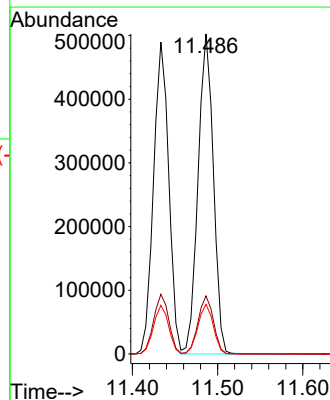
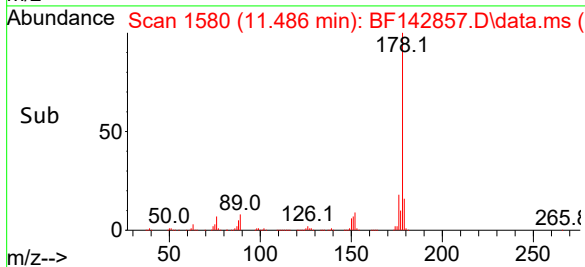
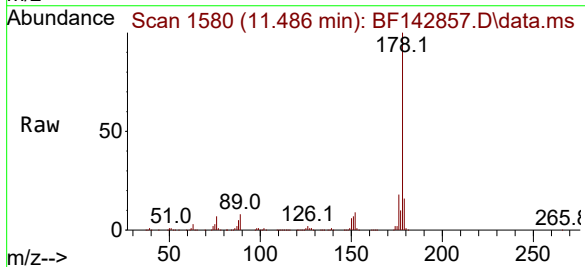
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

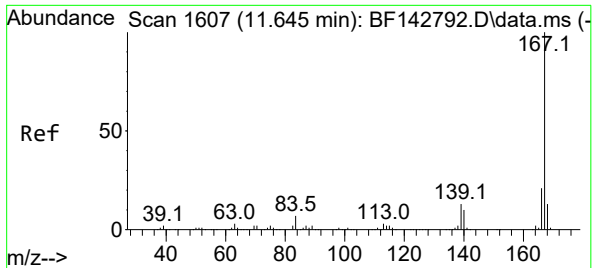
Tgt Ion:178 Resp: 606956
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.6 12.0 18.0



#72
Anthracene
Concen: 40.910 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:178 Resp: 627078
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.5 12.4 18.6

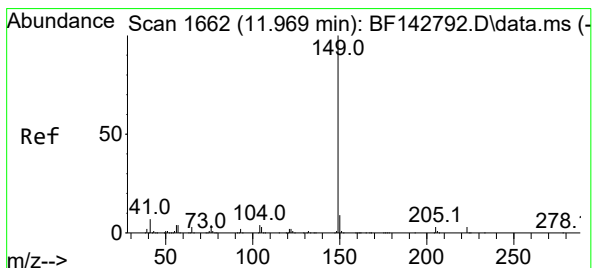
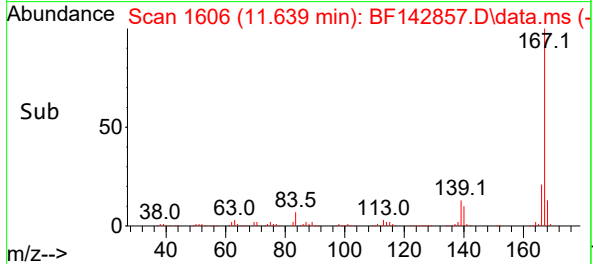
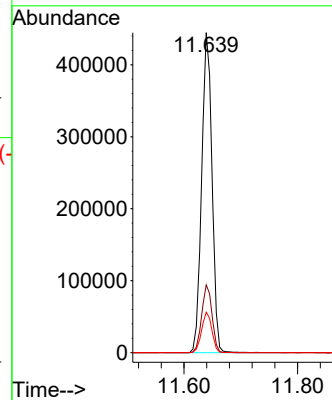
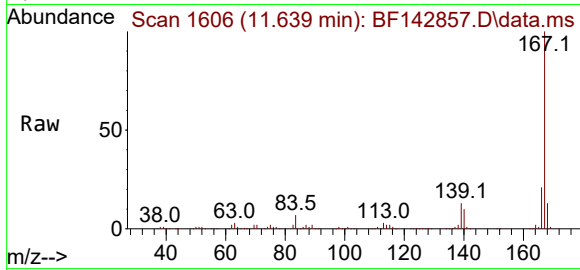




#73
Carbazole
Concen: 42.745 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

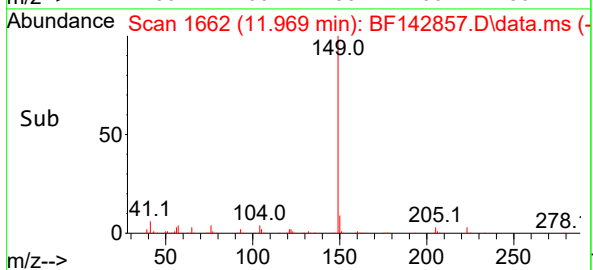
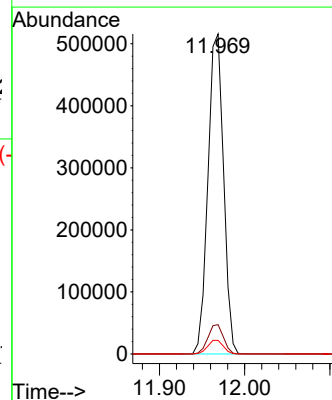
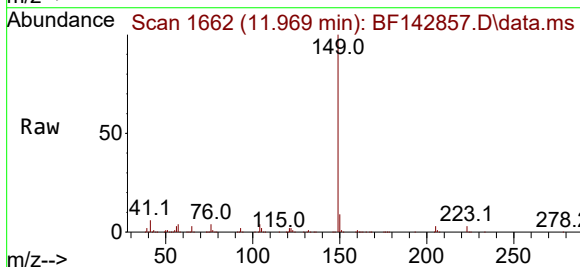
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

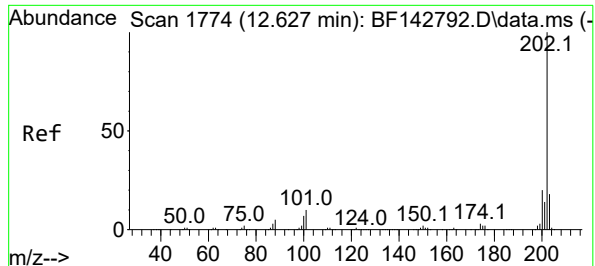
Tgt Ion:167 Resp: 565412
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.7 10.2 15.2



#74
Di-n-butylphthalate
Concen: 47.542 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:149 Resp: 655127
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 43.673 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

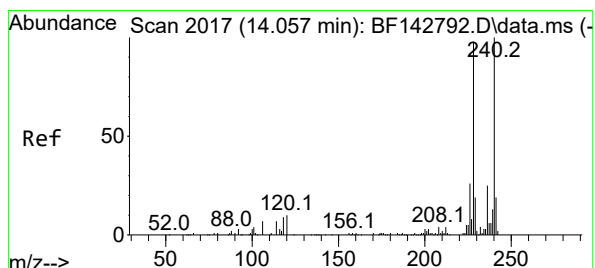
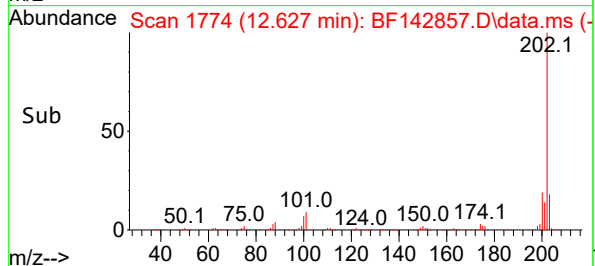
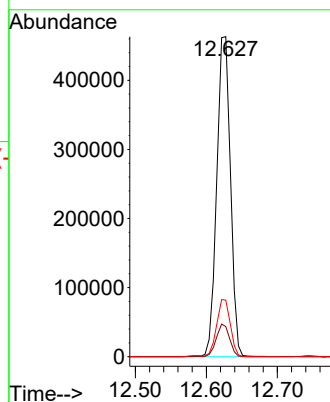
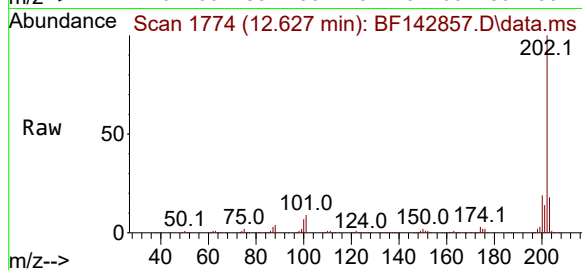
Tgt Ion:202 Resp: 619469

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.7

203 17.7 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: BF142857.D

Acq: 26 Jun 2025 09:39

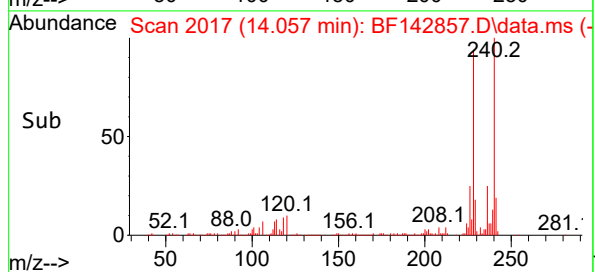
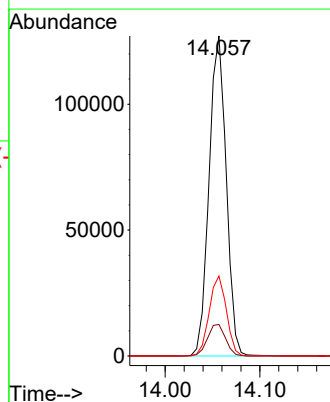
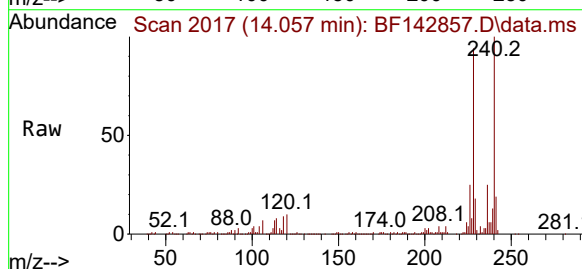
Tgt Ion:240 Resp: 159836

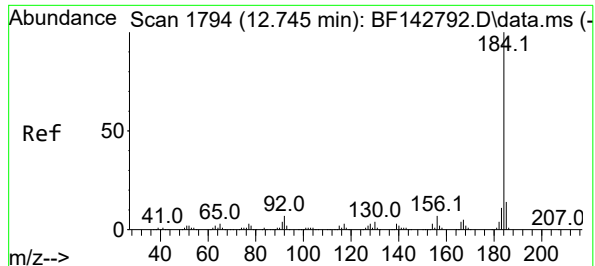
Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.2

236 25.0 19.8 29.8





#77

Benzidine

Concen: 41.942 ng

RT: 12.745 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

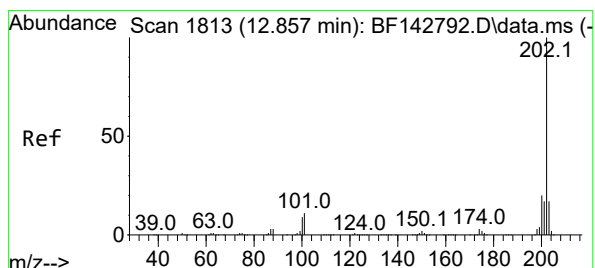
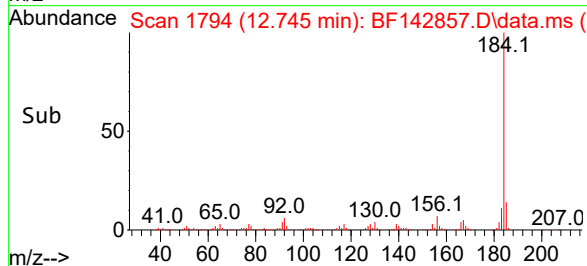
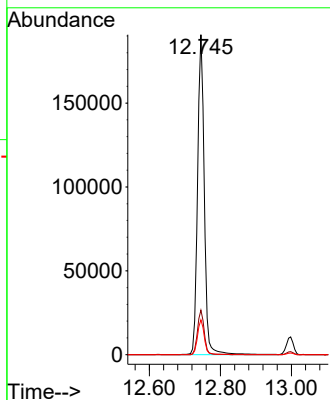
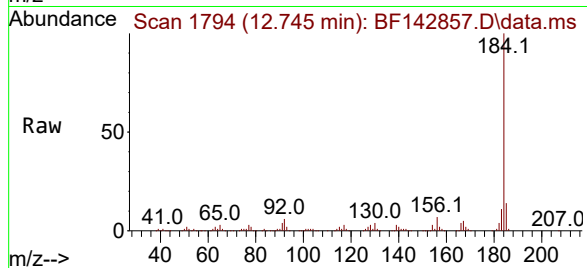
Tgt Ion:184 Resp: 251868

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 10.9 9.0 13.4



#78

Pyrene

Concen: 41.214 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

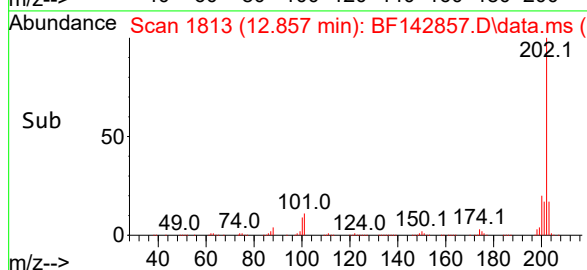
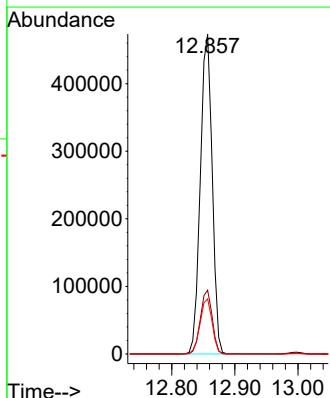
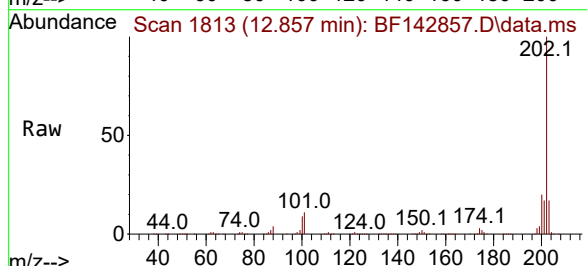
Tgt Ion:202 Resp: 617474

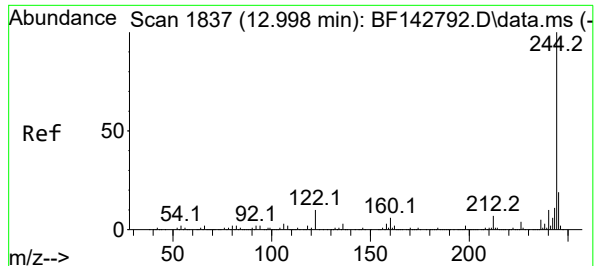
Ion Ratio Lower Upper

202 100

200 20.0 15.7 23.5

203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 92.692 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

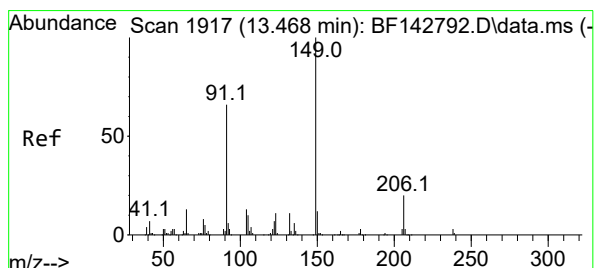
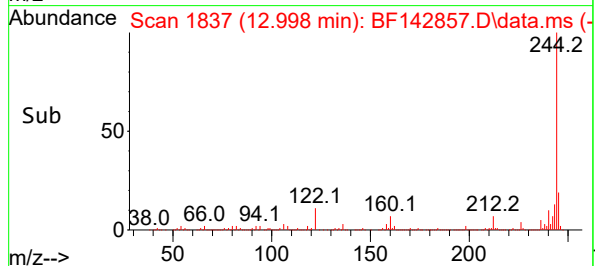
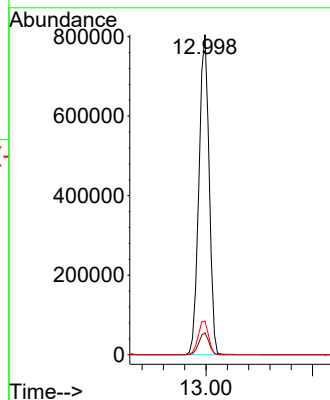
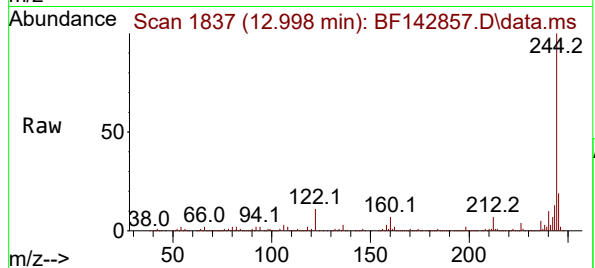
Tgt Ion:244 Resp: 1072266

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.5 8.2 12.2



#80

Butylbenzylphthalate

Concen: 46.946 ng

RT: 13.469 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

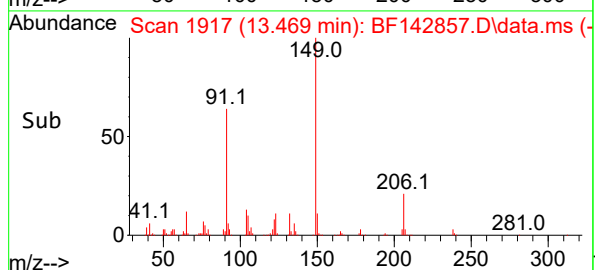
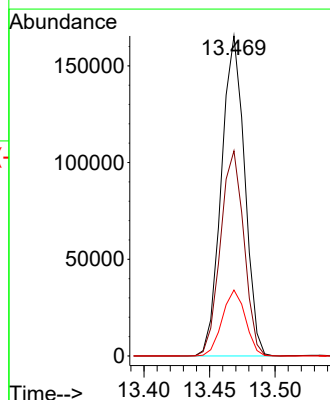
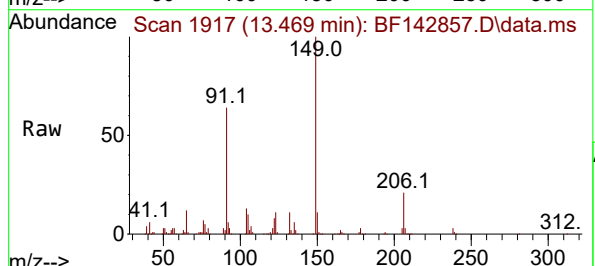
Tgt Ion:149 Resp: 204023

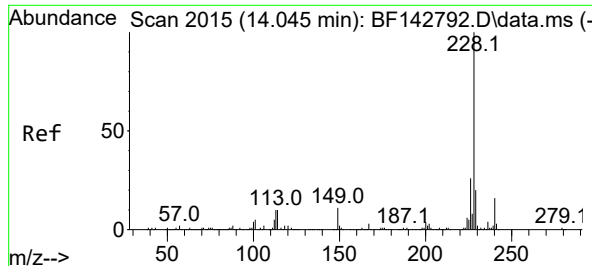
Ion Ratio Lower Upper

149 100

91 64.1 52.9 79.3

206 20.6 16.3 24.5

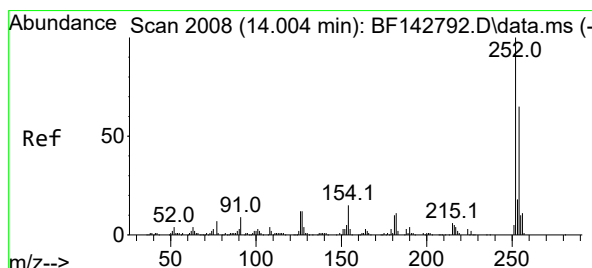
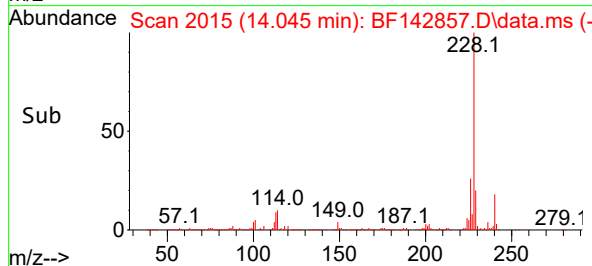
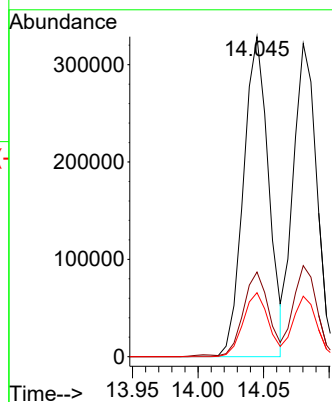
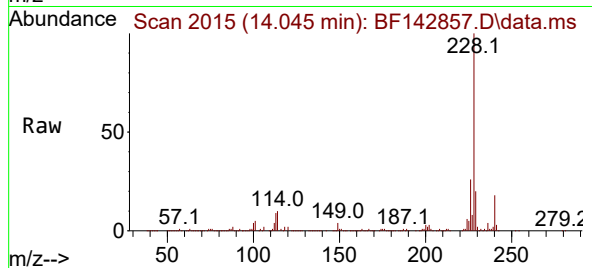




#81
Benzo(a)anthracene
Concen: 40.819 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

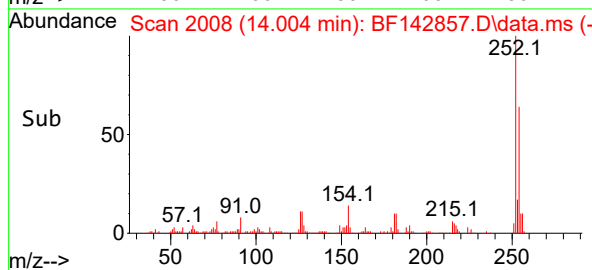
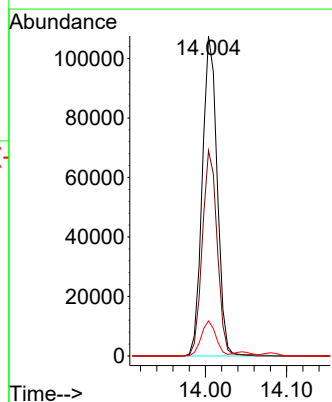
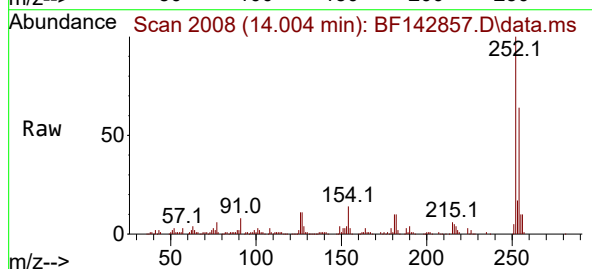
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

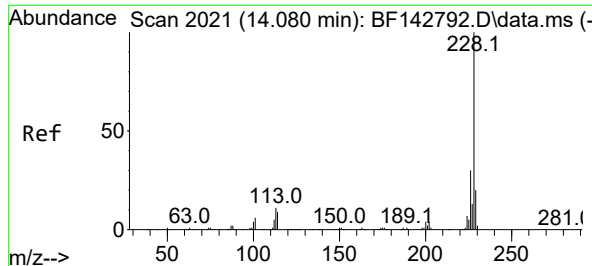
Tgt Ion:228 Resp: 440135
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 20.0 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 39.155 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:252 Resp: 136940
Ion Ratio Lower Upper
252 100
254 64.2 51.7 77.5
126 10.9 9.4 14.2





#83

Chrysene

Concen: 41.529 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

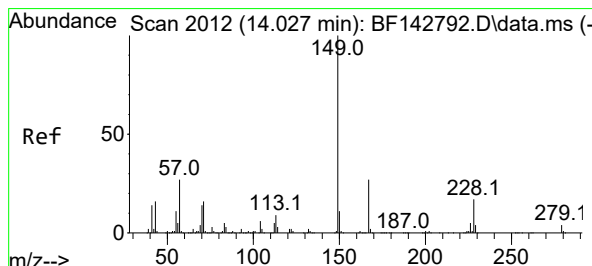
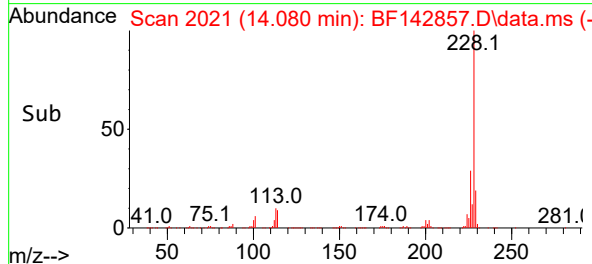
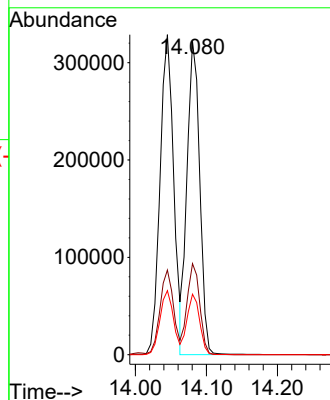
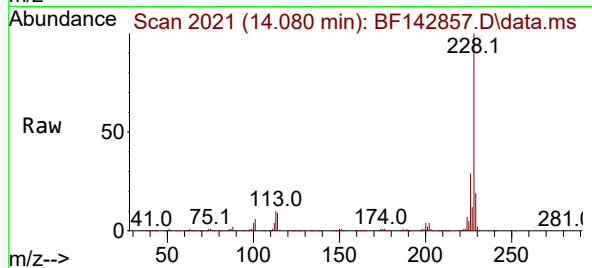
Tgt Ion:228 Resp: 399572

Ion Ratio Lower Upper

228 100

226 29.1 23.7 35.5

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.992 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

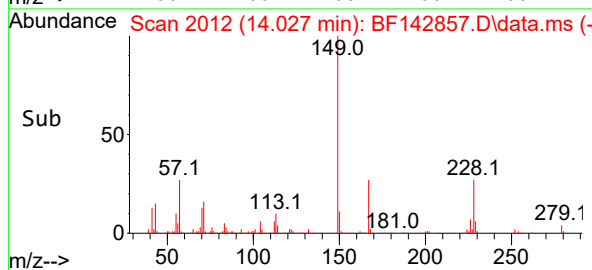
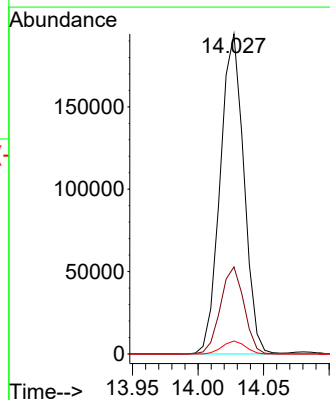
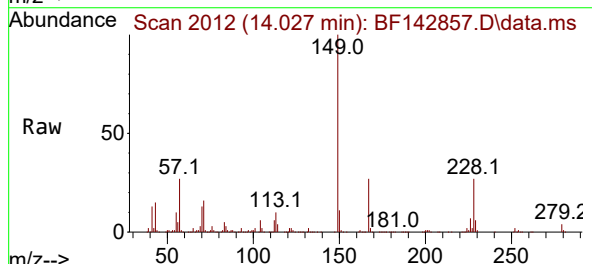
Tgt Ion:149 Resp: 243811

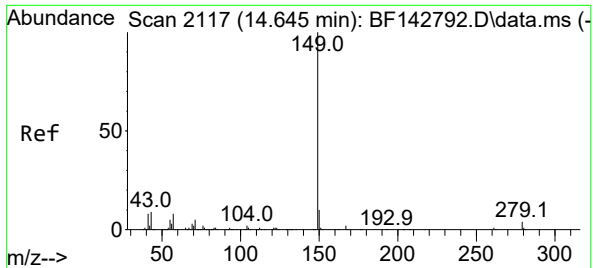
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.1 3.0 4.6

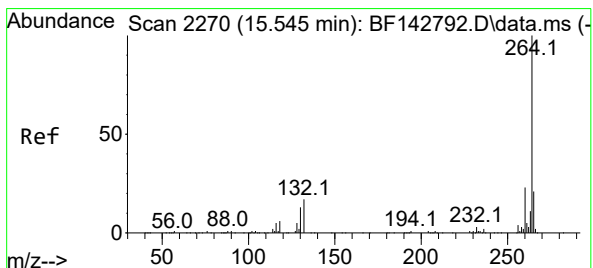
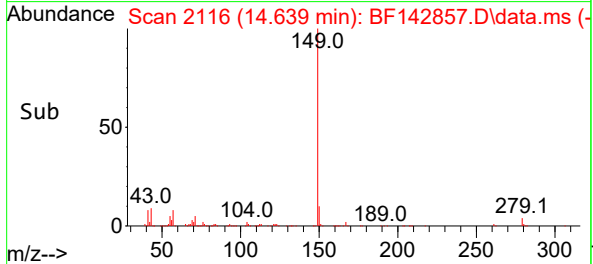
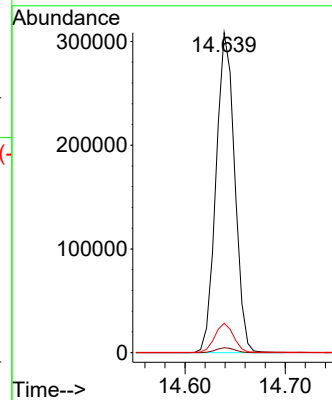
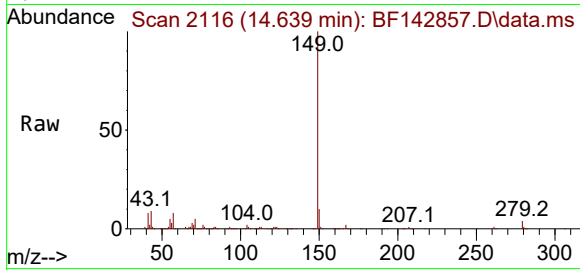




#85
Di-n-octyl phthalate
Concen: 33.822 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

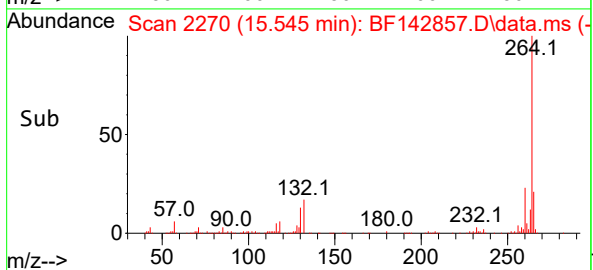
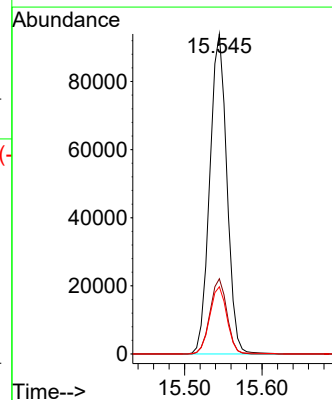
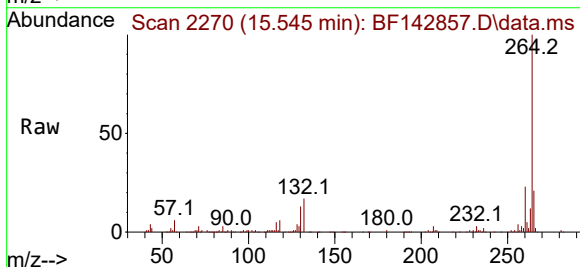
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

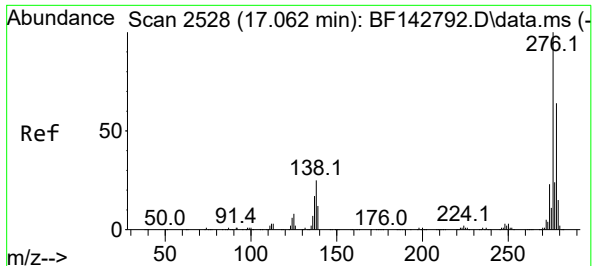
Tgt Ion:149 Resp: 398772
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:264 Resp: 144296
Ion Ratio Lower Upper
264 100
260 23.5 18.1 27.1
265 21.0 16.6 25.0

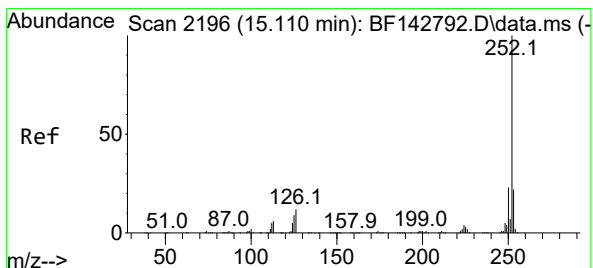
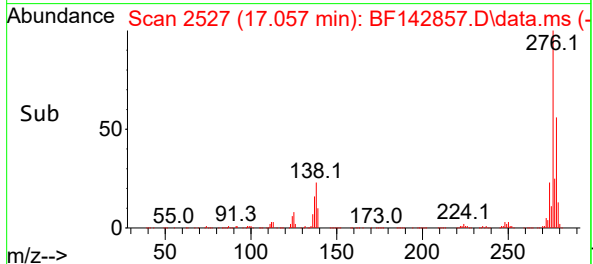
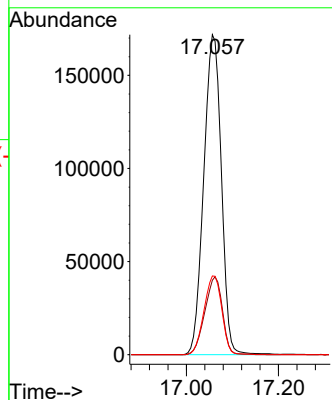
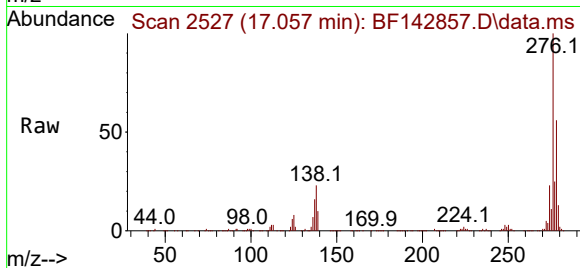




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.580 ng
RT: 17.057 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

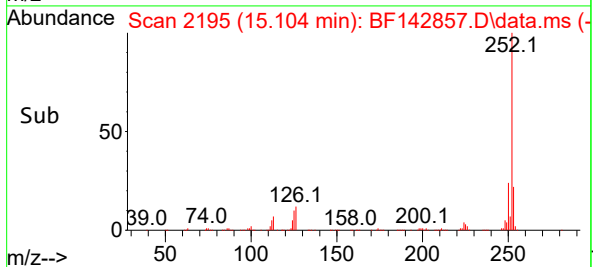
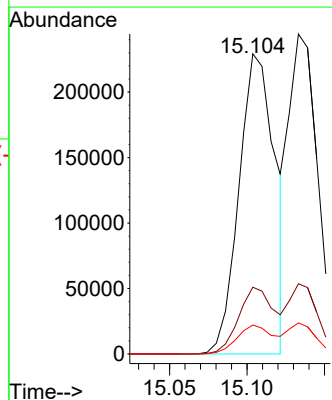
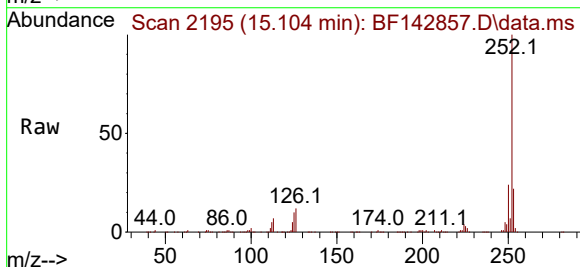
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

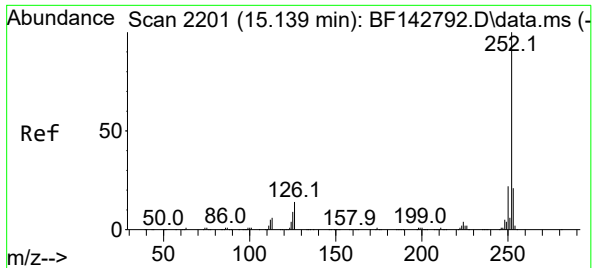
Tgt Ion:276 Resp: 456997
Ion Ratio Lower Upper
276 100
138 24.4 20.2 30.4
277 25.0 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 44.351 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142857.D
Acq: 26 Jun 2025 09:39

Tgt Ion:252 Resp: 370314
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 40.646 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

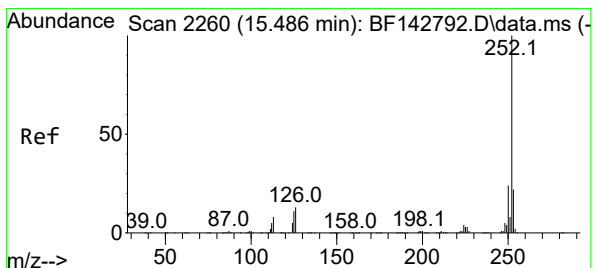
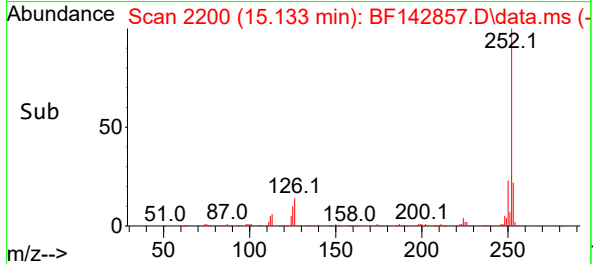
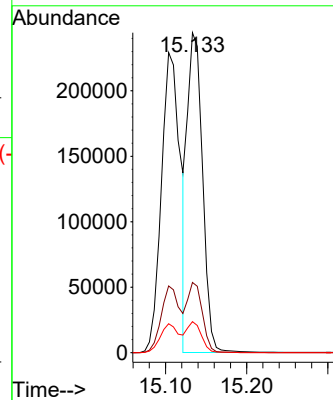
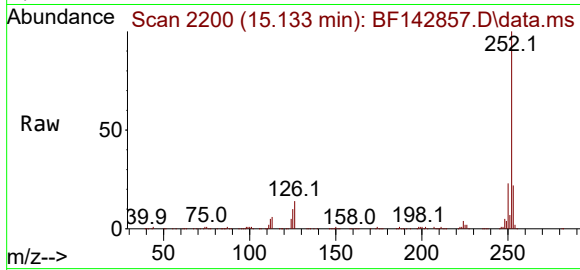
Tgt Ion:252 Resp: 317512

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.7 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.971 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

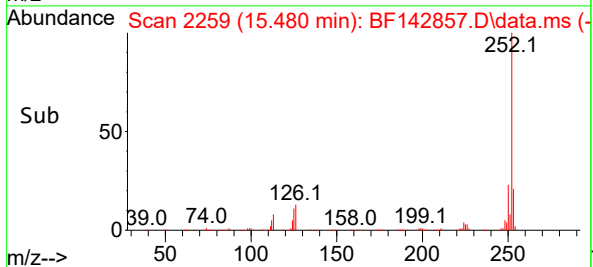
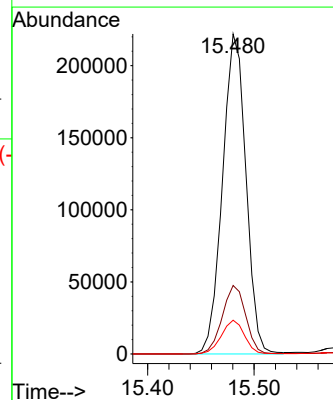
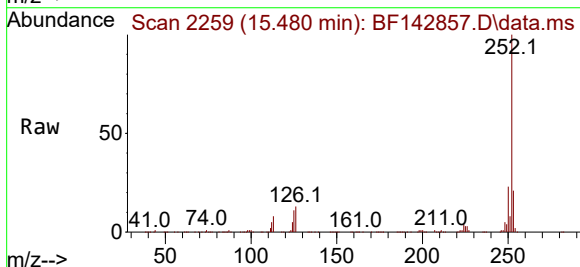
Tgt Ion:252 Resp: 338551

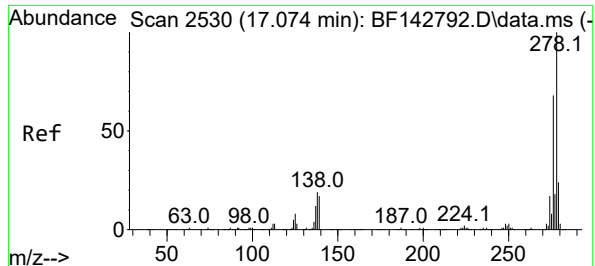
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.6 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 41.742 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

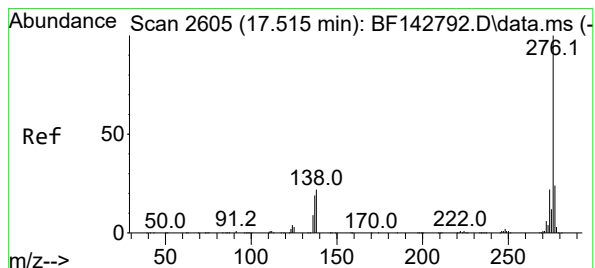
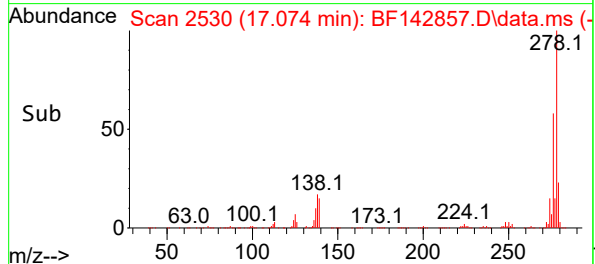
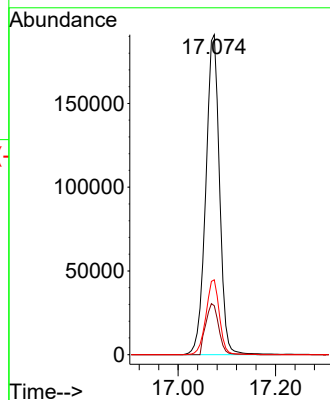
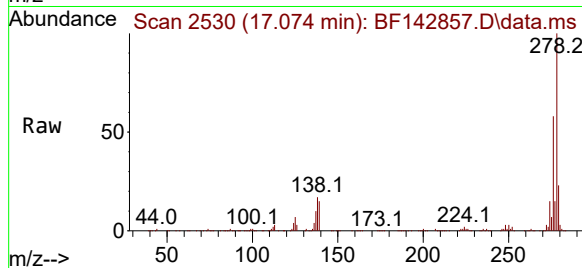
Tgt Ion:278 Resp: 372769

Ion Ratio Lower Upper

278 100

139 15.3 13.5 20.3

279 23.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 41.743 ng

RT: 17.515 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF142857.D

Acq: 26 Jun 2025 09:39

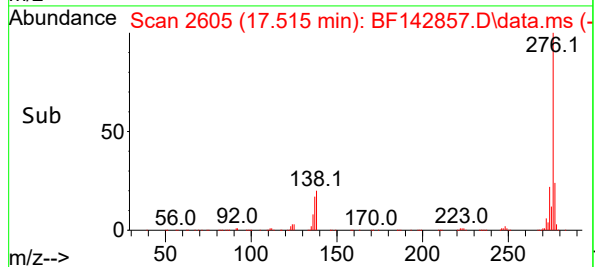
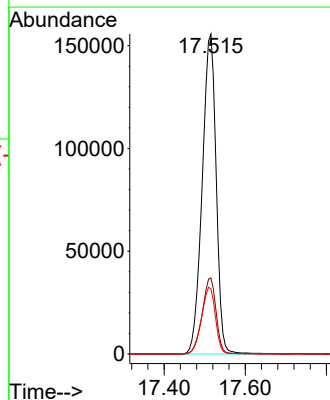
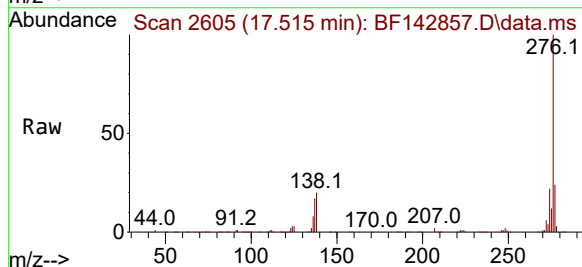
Tgt Ion:276 Resp: 371717

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.4 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142857.D
 Acq On : 26 Jun 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 26 11:10:54 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	93	0.00
2	1,4-Dioxane	0.480	0.489	-1.9	98	0.00
3	Pyridine	1.205	1.210	-0.4	96	0.00
4	n-Nitrosodimethylamine	0.623	0.633	-1.6	98	0.00
5 S	2-Fluorophenol	1.201	1.244	-3.6	100	0.00
6	Aniline	1.886	1.939	-2.8	99	0.00
7 S	Phenol-d6	1.417	1.459	-3.0	101	0.00
8	2-Chlorophenol	1.296	1.352	-4.3	101	0.00
9	Benzaldehyde	0.841	0.756	10.1	93	0.00
10 C	Phenol	1.575	1.619	-2.8	99	0.00
11	bis(2-Chloroethyl)ether	1.126	1.173	-4.2	102	0.00
12	1,3-Dichlorobenzene	1.449	1.518	-4.8	102	0.00
13 C	1,4-Dichlorobenzene	1.462	1.513	-3.5	100	0.00
14	1,2-Dichlorobenzene	1.387	1.445	-4.2	101	0.00
15	Benzyl Alcohol	1.025	1.086	-6.0	103	0.00
16	2,2'-oxybis(1-Chloropropane	1.809	1.816	-0.4	98	0.00
17	2-Methylphenol	0.982	1.017	-3.6	101	0.00
18	Hexachloroethane	0.511	0.530	-3.7	99	0.00
19 P	n-Nitroso-di-n-propylamine	0.824	0.847	-2.8	100	0.00
20	3+4-Methylphenols	1.224	1.278	-4.4	101	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22	Acetophenone	0.441	0.456	-3.4	102	0.00
23 S	Nitrobenzene-d5	0.365	0.443	-21.4	117	0.00
24	Nitrobenzene	0.330	0.344	-4.2	101	0.00
25	Isophorone	0.585	0.615	-5.1	104	0.00
26 C	2-Nitrophenol	0.180	0.193	-7.2	101	0.00
27	2,4-Dimethylphenol	0.311	0.323	-3.9	101	0.00
28	bis(2-Chloroethoxy)methane	0.372	0.389	-4.6	103	0.00
29 C	2,4-Dichlorophenol	0.282	0.301	-6.7	103	0.00
30	1,2,4-Trichlorobenzene	0.310	0.322	-3.9	101	0.00
31	Naphthalene	0.979	1.015	-3.7	102	0.00
32	Benzoic acid	0.159	0.177	-11.3	106	0.00
33	4-Chloroaniline	0.398	0.413	-3.8	102	0.00
34 C	Hexachlorobutadiene	0.190	0.198	-4.2	101	0.00
35	Caprolactam	0.075	0.085	-13.3	112	0.00
36 C	4-Chloro-3-methylphenol	0.281	0.301	-7.1	105	0.00
37	2-Methylnaphthalene	0.607	0.638	-5.1	103	0.00
38	1-Methylnaphthalene	0.628	0.655	-4.3	103	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	100	0.00
40	1,2,4,5-Tetrachlorobenzene	0.590	0.588	0.3	105	0.00
41 P	Hexachlorocyclopentadiene	0.335	0.315	6.0	93	0.00
42 S	2,4,6-Tribromophenol	0.206	0.223	-8.3	111	0.00
43 C	2,4,6-Trichlorophenol	0.385	0.387	-0.5	105	0.00
44	2,4,5-Trichlorophenol	0.405	0.414	-2.2	105	0.00
45 S	2-Fluorobiphenyl	1.522	1.697	-11.5	118	0.00
46	1,1'-Biphenyl	1.580	1.562	1.1	103	0.00
47	2-Chloronaphthalene	1.186	1.175	0.9	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142857.D
 Acq On : 26 Jun 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 26 11:10:54 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	0.348	-4.8	107	0.00
49	Acenaphthylene	1.952	1.953	-0.1	104	0.00
50	Dimethylphthalate	1.295	1.362	-5.2	110	0.00
51	2,6-Dinitrotoluene	0.284	0.300	-5.6	108	0.00
52 C	Acenaphthene	1.191	1.201	-0.8	105	0.00
53	3-Nitroaniline	0.313	0.339	-8.3	111	0.00
54 P	2,4-Dinitrophenol	0.142	0.164	-15.5	115	0.00
55	Dibenzofuran	1.708	1.724	-0.9	106	0.00
56 P	4-Nitrophenol	0.214	0.232	-8.4	111	0.00
57	2,4-Dinitrotoluene	0.378	0.411	-8.7	111	0.00
58	Fluorene	1.334	1.364	-2.2	108	0.00
59	2,3,4,6-Tetrachlorophenol	0.326	0.337	-3.4	108	0.00
60	Diethylphthalate	1.269	1.362	-7.3	112	0.00
61	4-Chlorophenyl-phenylether	0.636	0.652	-2.5	108	0.00
62	4-Nitroaniline	0.286	0.329	-15.0	120	0.00
63	Azobenzene	1.134	1.183	-4.3	109	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	0.121	0.131	-8.3	115	0.00
66 c	n-Nitrosodiphenylamine	0.693	0.693	0.0	108	0.00
67	4-Bromophenyl-phenylether	0.228	0.233	-2.2	112	0.00
68	Hexachlorobenzene	0.253	0.261	-3.2	113	0.00
69	Atrazine	0.179	0.208	-16.2	126	0.00
70 C	Pentachlorophenol	0.126	0.138	-9.5	115	0.00
71	Phenanthrene	1.083	1.100	-1.6	112	0.00
72	Anthracene	1.111	1.136	-2.3	112	0.00
73	Carbazole	0.959	1.025	-6.9	119	0.00
74	Di-n-butylphthalate	0.999	1.187	-18.8	131	0.00
75 C	Fluoranthene	1.028	1.123	-9.2	123	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	112	0.00
77	Benzydine	0.751	0.788	-4.9	114	0.00
78	Pyrene	1.875	1.932	-3.0	124	0.00
79 S	Terphenyl-d14	1.447	1.677	-15.9	142	0.00
80	Butylbenzylphthalate	0.544	0.638	-17.3	131	0.00
81	Benzo(a)anthracene	1.349	1.377	-2.1	122	0.00
82	3,3'-Dichlorobenzidine	0.438	0.428	2.3	112	0.00
83	Chrysene	1.204	1.250	-3.8	120	0.00
84	Bis(2-ethylhexyl)phthalate	0.782	0.763	2.4	106	0.00
85 c	Di-n-octyl phthalate	1.475	1.247	15.5	96	0.00
86 I	Perylene-d12	1.000	1.000	0.0	85	0.00
87	Indeno(1,2,3-cd)pyrene	1.523	1.584	-4.0	91	0.00
88	Benzo(b)fluoranthene	1.157	1.283	-10.9	101	0.00
89	Benzo(k)fluoranthene	1.083	1.100	-1.6	90	0.00
90 C	Benzo(a)pyrene	1.118	1.173	-4.9	93	0.00
91	Dibenzo(a,h)anthracene	1.238	1.292	-4.4	93	0.00
92	Benzo(g,h,i)perylene	1.234	1.288	-4.4	92	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142857.D
Acq On : 26 Jun 2025 09:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 26 11:10:54 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\BF062625\
 Data File : BF142857.D
 Acq On : 26 Jun 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 26 11:10:54 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)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	93	0.00
2	1,4-Dioxane	40.000	40.750	-1.9	98	0.00
3	Pyridine	40.000	40.182	-0.5	96	0.00
4	n-Nitrosodimethylamine	40.000	40.646	-1.6	98	0.00
5 S	2-Fluorophenol	80.000	82.855	-3.6	100	0.00
6	Aniline	40.000	41.134	-2.8	99	0.00
7 S	Phenol-d6	80.000	82.355	-2.9	101	0.00
8	2-Chlorophenol	40.000	41.748	-4.4	101	0.00
9	Benzaldehyde	40.000	35.987	10.0	93	0.00
10 C	Phenol	40.000	41.105	-2.8	99	0.00
11	bis(2-Chloroethyl)ether	40.000	41.669	-4.2	102	0.00
12	1,3-Dichlorobenzene	40.000	41.902	-4.8	102	0.00
13 C	1,4-Dichlorobenzene	40.000	41.392	-3.5	100	0.00
14	1,2-Dichlorobenzene	40.000	41.679	-4.2	101	0.00
15	Benzyl Alcohol	40.000	42.391	-6.0	103	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.148	-0.4	98	0.00
17	2-Methylphenol	40.000	41.440	-3.6	101	0.00
18	Hexachloroethane	40.000	41.440	-3.6	99	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.125	-2.8	100	0.00
20	3+4-Methylphenols	40.000	41.753	-4.4	101	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	94	0.00
22	Acetophenone	40.000	41.351	-3.4	102	0.00
23 S	Nitrobenzene-d5	80.000	97.212	-21.5	117	0.00
24	Nitrobenzene	40.000	41.736	-4.3	101	0.00
25	Isophorone	40.000	42.077	-5.2	104	0.00
26 C	2-Nitrophenol	40.000	42.865	-7.2	101	0.00
27	2,4-Dimethylphenol	40.000	41.524	-3.8	101	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.833	-4.6	103	0.00
29 C	2,4-Dichlorophenol	40.000	42.662	-6.7	103	0.00
30	1,2,4-Trichlorobenzene	40.000	41.427	-3.6	101	0.00
31	Naphthalene	40.000	41.483	-3.7	102	0.00
32	Benzoic acid	40.000	44.569	-11.4	106	0.00
33	4-Chloroaniline	40.000	41.521	-3.8	102	0.00
34 C	Hexachlorobutadiene	40.000	41.712	-4.3	101	0.00
35	Caprolactam	40.000	45.799	-14.5	112	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.848	-7.1	105	0.00
37	2-Methylnaphthalene	40.000	42.060	-5.2	103	0.00
38	1-Methylnaphthalene	40.000	41.709	-4.3	103	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	100	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.866	0.3	105	0.00
41 P	Hexachlorocyclopentadiene	40.000	37.655	5.9	93	0.00
42 S	2,4,6-Tribromophenol	80.000	86.637	-8.3	111	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.280	-0.7	105	0.00
44	2,4,5-Trichlorophenol	40.000	40.909	-2.3	105	0.00
45 S	2-Fluorobiphenyl	80.000	89.165	-11.5	118	0.00
46	1,1'-Biphenyl	40.000	39.558	1.1	103	0.00
47	2-Chloronaphthalene	40.000	39.654	0.9	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142857.D
 Acq On : 26 Jun 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 26 11:10:54 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	41.899	-4.7	107	0.00
49	Acenaphthylene	40.000	40.026	-0.1	104	0.00
50	Dimethylphthalate	40.000	42.093	-5.2	110	0.00
51	2,6-Dinitrotoluene	40.000	42.193	-5.5	108	0.00
52 C	Acenaphthene	40.000	40.345	-0.9	105	0.00
53	3-Nitroaniline	40.000	43.274	-8.2	111	0.00
54 P	2,4-Dinitrophenol	40.000	46.144	-15.4	115	0.00
55	Dibenzofuran	40.000	40.382	-1.0	106	0.00
56 P	4-Nitrophenol	40.000	43.390	-8.5	111	0.00
57	2,4-Dinitrotoluene	40.000	43.509	-8.8	111	0.00
58	Fluorene	40.000	40.911	-2.3	108	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.271	-3.2	108	0.00
60	Diethylphthalate	40.000	42.907	-7.3	112	0.00
61	4-Chlorophenyl-phenylether	40.000	40.963	-2.4	108	0.00
62	4-Nitroaniline	40.000	45.920	-14.8	120	0.00
63	Azobenzene	40.000	41.712	-4.3	109	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.461	-8.7	115	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.982	0.0	108	0.00
67	4-Bromophenyl-phenylether	40.000	40.863	-2.2	112	0.00
68	Hexachlorobenzene	40.000	41.259	-3.1	113	0.00
69	Atrazine	40.000	46.514	-16.3	126	0.00
70 C	Pentachlorophenol	40.000	43.692	-9.2	115	0.00
71	Phenanthrene	40.000	40.611	-1.5	112	0.00
72	Anthracene	40.000	40.910	-2.3	112	0.00
73	Carbazole	40.000	42.745	-6.9	119	0.00
74	Di-n-butylphthalate	40.000	47.542	-18.9	131	0.00
75 C	Fluoranthene	40.000	43.673	-9.2	123	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	112	0.00
77	Benzydine	40.000	41.942	-4.9	114	0.00
78	Pyrene	40.000	41.214	-3.0	124	0.00
79 S	Terphenyl-d14	80.000	92.692	-15.9	142	0.00
80	Butylbenzylphthalate	40.000	46.946	-17.4	131	0.00
81	Benzo(a)anthracene	40.000	40.819	-2.0	122	0.00
82	3,3'-Dichlorobenzidine	40.000	39.155	2.1	112	0.00
83	Chrysene	40.000	41.529	-3.8	120	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.992	2.5	106	0.00
85 c	Di-n-octyl phthalate	40.000	33.822	15.4	96	0.00
86 I	Perylene-d12	20.000	20.000	0.0	85	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.580	-3.9	91	0.00
88	Benzo(b)fluoranthene	40.000	44.351	-10.9	101	0.00
89	Benzo(k)fluoranthene	40.000	40.646	-1.6	90	0.00
90 C	Benzo(a)pyrene	40.000	41.971	-4.9	93	0.00
91	Dibenzo(a,h)anthracene	40.000	41.742	-4.4	93	0.00
92	Benzo(g,h,i)perylene	40.000	41.743	-4.4	92	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142857.D
Acq On : 26 Jun 2025 09:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 26 11:10:54 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: POWE02

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG No.: Q2425

Instrument ID: BNA_F Calibration Date/Time: 06/27/2025 09:51

Lab File ID: BF142882.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	1.268		5.6	
Phenol-d6	1.417	1.473		4.0	
Nitrobenzene-d5	0.365	0.451		23.6	
Naphthalene	0.979	1.021		4.3	
2-Fluorobiphenyl	1.522	1.783		17.1	
Fluorene	1.334	1.383		3.7	
2,4,6-Tribromophenol	0.206	0.217		5.3	
Phenanthrene	1.083	1.105		2.0	
Anthracene	1.111	1.136		2.3	
Pyrene	1.875	1.800		-4.0	
Terphenyl-d14	1.447	1.565		8.2	
Benzo (a) anthracene	1.349	1.390		3.0	
Chrysene	1.204	1.236		2.7	
Benzo (b) fluoranthene	1.157	1.220		5.4	
Benzo (a) pyrene	1.118	1.169		4.6	20.0
Indeno (1,2,3-cd) pyrene	1.523	1.469		-3.5	
Benzo (g,h,i) perylene	1.234	1.183		-4.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142882.D
 Acq On : 27 Jun 2025 09:51
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 27 11:46:40 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	70500	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	264550	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	140000	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	234291	20.000	ng	0.00
76) Chrysene-d12	14.057	240	139168	20.000	ng	0.00
86) Perylene-d12	15.545	264	151209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	357569	84.443	ng	0.00
7) Phenol-d6	6.510	99	415394	83.149	ng	0.00
23) Nitrobenzene-d5	7.445	82	477762	99.057	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	121734	84.497	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	998745	93.716	ng	0.00
79) Terphenyl-d14	12.998	244	871106	86.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	68061	40.186	ng	99
3) Pyridine	3.405	79	171908	40.487	ng	99
4) n-Nitrosodimethylamine	3.352	42	88749	40.420	ng	99
6) Aniline	6.540	93	276214	41.552	ng	97
8) 2-Chlorophenol	6.663	128	193634	42.392	ng	97
9) Benzaldehyde	6.428	77	105877	35.722	ng	99
10) Phenol	6.522	94	228233	41.099	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	163774	41.264	ng	98
12) 1,3-Dichlorobenzene	6.816	146	213093	41.714	ng	99
13) 1,4-Dichlorobenzene	6.893	146	220329	42.749	ng	99
14) 1,2-Dichlorobenzene	7.045	146	205480	42.033	ng	99
15) Benzyl Alcohol	7.022	79	152439	42.208	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	252551	39.605	ng	97
17) 2-Methylphenol	7.134	107	144657	41.790	ng	98
18) Hexachloroethane	7.387	117	76850	42.629	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	121595	41.849	ng	97
20) 3+4-Methylphenols	7.287	107	180389	41.797	ng	95
22) Acetophenone	7.287	105	242192	41.515	ng	98
24) Nitrobenzene	7.463	77	180776	41.412	ng	99
25) Isophorone	7.704	82	322599	41.696	ng	99
26) 2-Nitrophenol	7.781	139	103609	43.570	ng	97
27) 2,4-Dimethylphenol	7.816	122	174240	42.301	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	205343	41.746	ng	99
29) 2,4-Dichlorophenol	8.022	162	156473	41.895	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	170514	41.519	ng	99
31) Naphthalene	8.187	128	540387	41.731	ng	99
32) Benzoic acid	7.928	122	88699	42.249	ng	96
33) 4-Chloroaniline	8.234	127	221895	42.142	ng	97
34) Hexachlorobutadiene	8.298	225	104342	41.536	ng	99
35) Caprolactam	8.604	113	45431	46.097	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	157062	42.314	ng	99
37) 2-Methylnaphthalene	8.875	142	333334	41.521	ng	99
38) 1-Methylnaphthalene	8.975	142	347469	41.811	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	169797	41.104	ng	99
41) Hexachlorocyclopentadiene	9.028	237	85906	36.646	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	110019	40.872	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142882.D
 Acq On : 27 Jun 2025 09:51
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 27 11:46:40 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

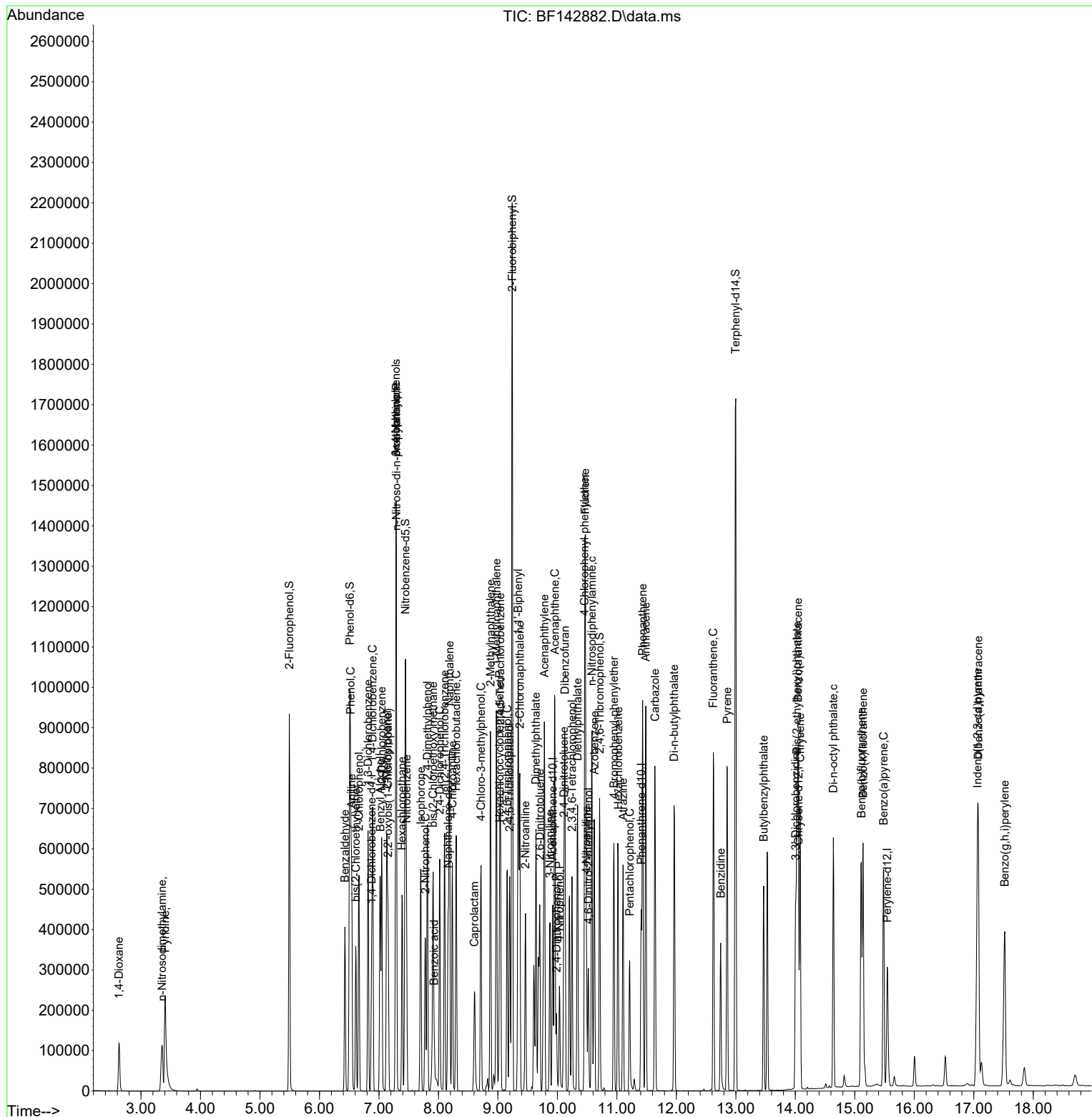
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	117411	41.435	ng	99
46) 1,1'-Biphenyl	9.339	154	453330	40.991	ng	100
47) 2-Chloronaphthalene	9.369	162	337318	40.645	ng	99
48) 2-Nitroaniline	9.463	65	98089	42.158	ng	97
49) Acenaphthylene	9.781	152	561931	41.130	ng	99
50) Dimethylphthalate	9.639	163	385972	42.591	ng	100
51) 2,6-Dinitrotoluene	9.704	165	83923	42.169	ng	98
52) Acenaphthene	9.957	154	345883	41.495	ng	99
53) 3-Nitroaniline	9.875	138	93460	42.653	ng	99
54) 2,4-Dinitrophenol	9.986	184	40658	40.800	ng	93
55) Dibenzofuran	10.128	168	489849	40.981	ng	99
56) 4-Nitrophenol	10.034	139	60360	40.238	ng	96
57) 2,4-Dinitrotoluene	10.110	165	114910	43.469	ng	99
58) Fluorene	10.469	166	387127	41.470	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	95093	41.633	ng	96
60) Diethylphthalate	10.339	149	383081	43.114	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	186438	41.853	ng	98
62) 4-Nitroaniline	10.486	138	90481	45.151	ng	98
63) Azobenzene	10.622	77	324727	40.890	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	60921	42.988	ng	99
66) n-Nitrosodiphenylamine	10.581	169	332341	40.929	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	110475	41.431	ng	98
68) Hexachlorobenzene	11.022	284	120962	40.826	ng	98
69) Atrazine	11.104	200	95659	45.621	ng	99
70) Pentachlorophenol	11.216	266	58852	39.862	ng	98
71) Phenanthrene	11.433	178	517710	40.792	ng	99
72) Anthracene	11.486	178	532425	40.904	ng	99
73) Carbazole	11.639	167	469739	41.819	ng	99
74) Di-n-butylphthalate	11.963	149	532302	45.490	ng	100
75) Fluoranthene	12.622	202	503645	41.814	ng	100
77) Benzidine	12.745	184	213892	40.907	ng	99
78) Pyrene	12.857	202	500872	38.396	ng	99
80) Butylbenzylphthalate	13.469	149	172705	45.642	ng	97
81) Benzo(a)anthracene	14.045	228	386926	41.213	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	130270	42.779	ng	99
83) Chrysene	14.080	228	343961	41.058	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	245032	45.007	ng	99
85) Di-n-octyl phthalate	14.639	149	429047	41.794	ng	99
87) Indeno(1,2,3-cd)pyrene	17.063	276	444330	38.579	ng	98
88) Benzo(b)fluoranthene	15.110	252	369007	42.174	ng	99
89) Benzo(k)fluoranthene	15.139	252	345320	42.185	ng	99
90) Benzo(a)pyrene	15.486	252	353665	41.840	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	362287	38.714	ng	98
92) Benzo(g,h,i)perylene	17.521	276	357781	38.341	ng	98

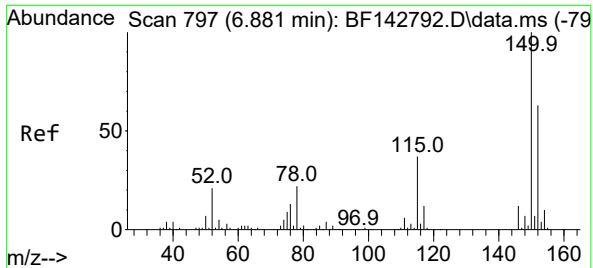
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142882.D
Acq On : 27 Jun 2025 09:51
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 27 11:46:40 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

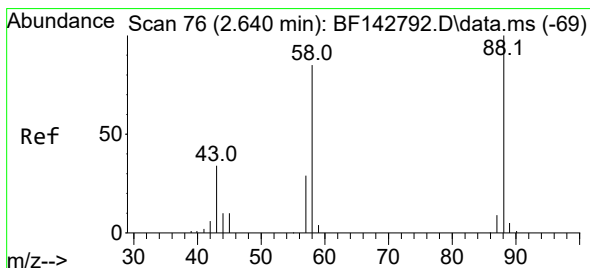
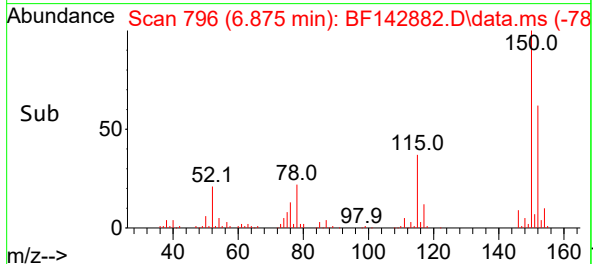
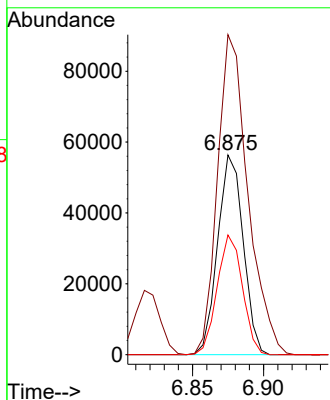
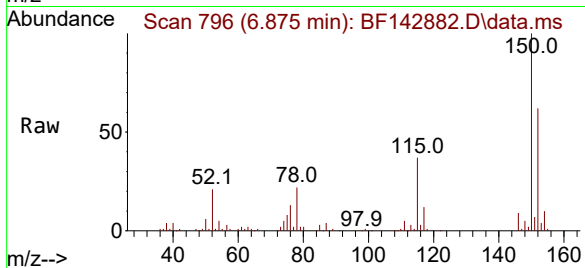




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

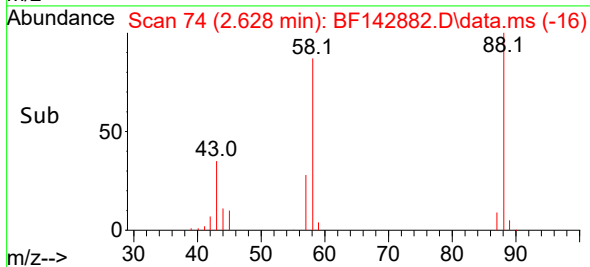
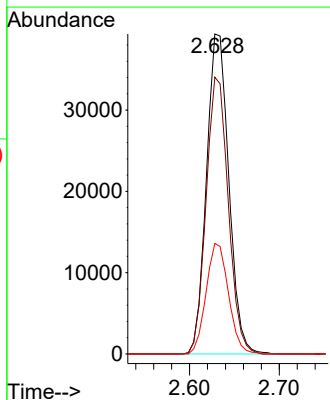
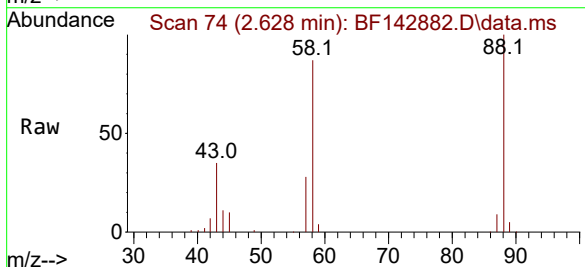
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

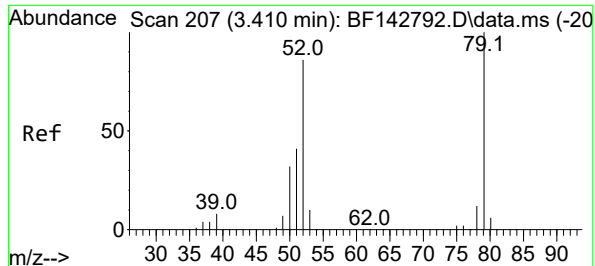
Tgt Ion:152 Resp: 70500
 Ion Ratio Lower Upper
 152 100
 150 160.2 127.2 190.8
 115 59.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 40.186 ng
 RT: 2.628 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

Tgt Ion: 88 Resp: 68061
 Ion Ratio Lower Upper
 88 100
 58 85.8 69.1 103.7
 43 34.6 27.4 41.2

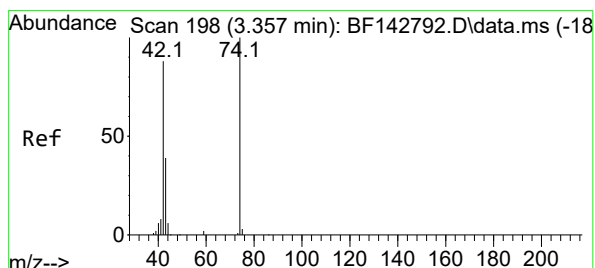
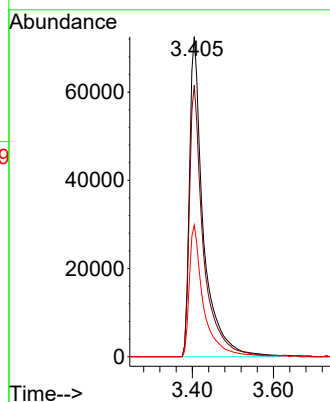
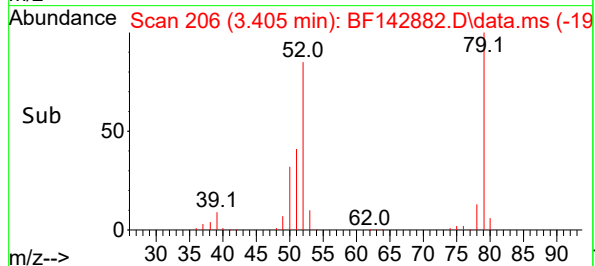
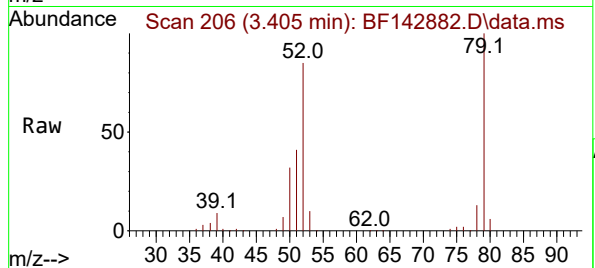




#3
Pyridine
Concen: 40.487 ng
RT: 3.405 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

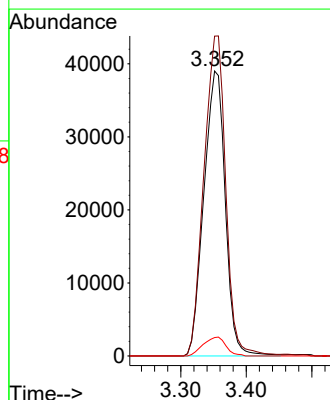
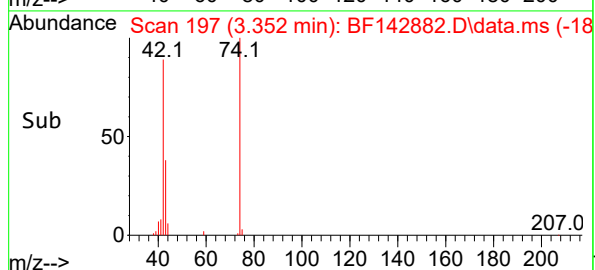
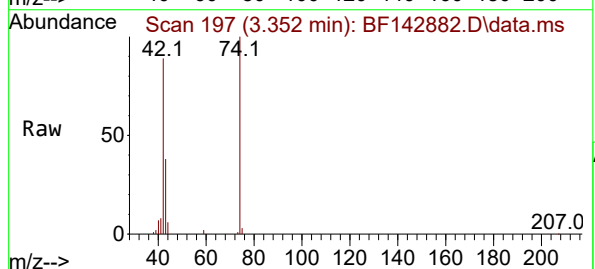
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

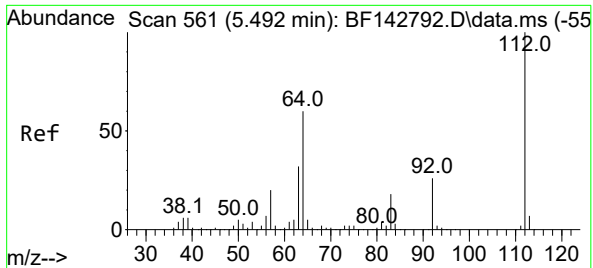
Tgt Ion: 79 Resp: 171908
Ion Ratio Lower Upper
79 100
52 84.8 69.2 103.8
51 41.1 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 40.420 ng
RT: 3.352 min Scan# 197
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion: 42 Resp: 88749
Ion Ratio Lower Upper
42 100
74 112.3 90.9 136.3
44 6.5 5.8 8.6

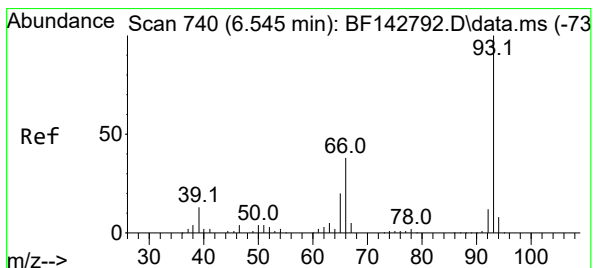
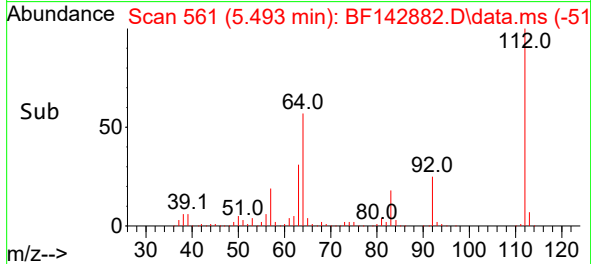
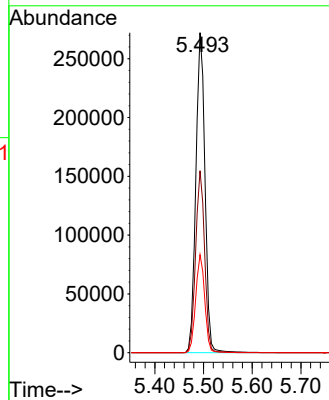
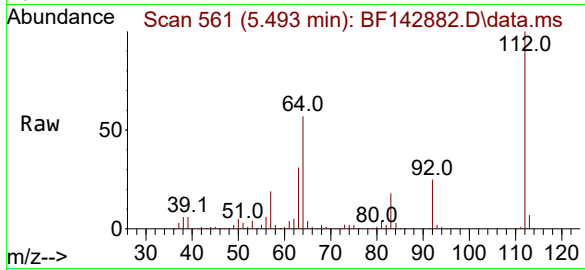




#5
2-Fluorophenol
Concen: 84.443 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.001 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

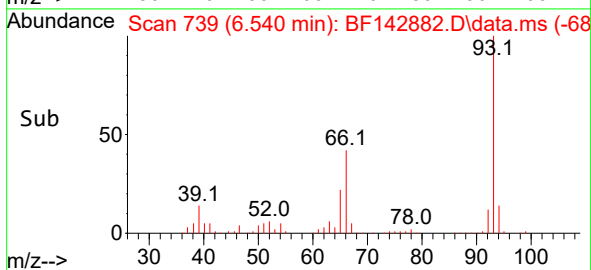
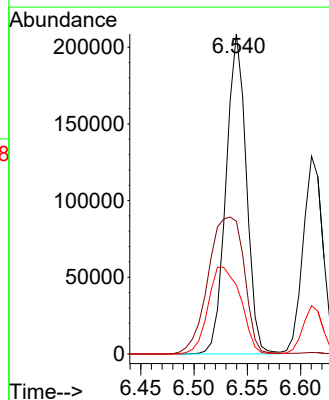
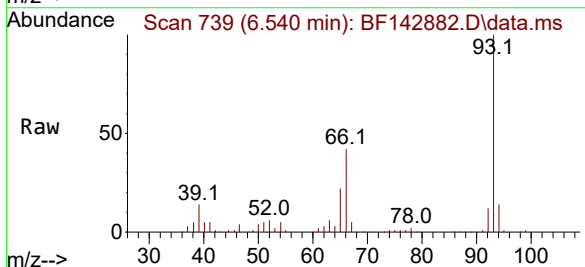
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

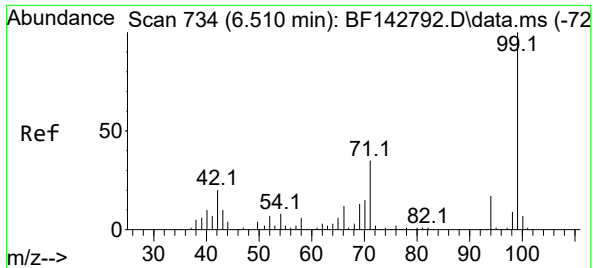
Tgt Ion:112 Resp: 357569
Ion Ratio Lower Upper
112 100
64 56.8 48.2 72.2
63 30.6 25.7 38.5



#6
Aniline
Concen: 41.552 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion: 93 Resp: 276214
Ion Ratio Lower Upper
93 100
66 41.5 31.8 47.6
65 21.6 16.2 24.2





#7

Phenol-d6

Concen: 83.149 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

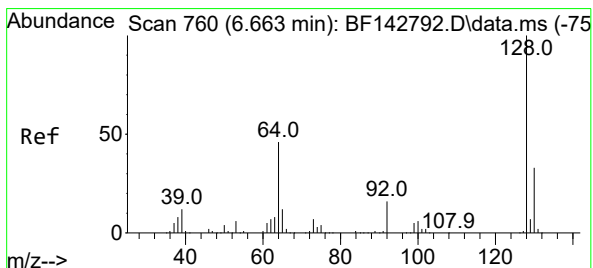
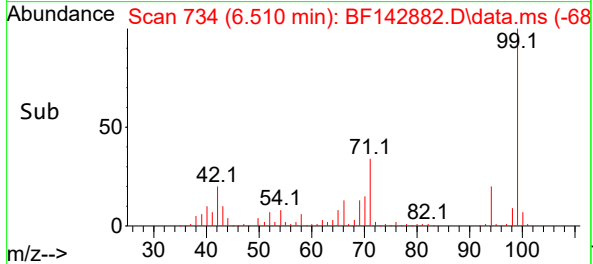
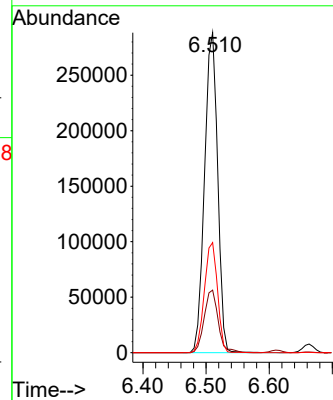
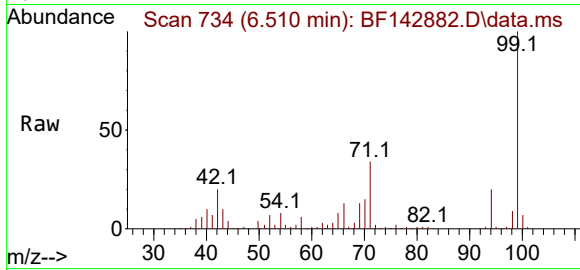
Tgt Ion: 99 Resp: 415394

Ion Ratio Lower Upper

99 100

42 19.5 15.9 23.9

71 34.4 27.8 41.8



#8

2-Chlorophenol

Concen: 42.392 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

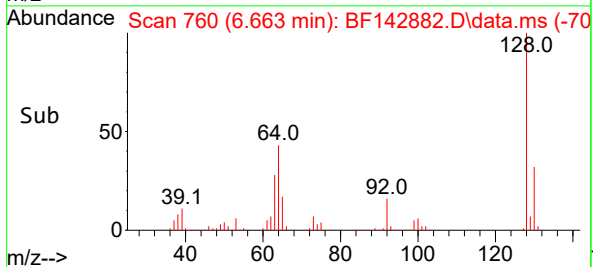
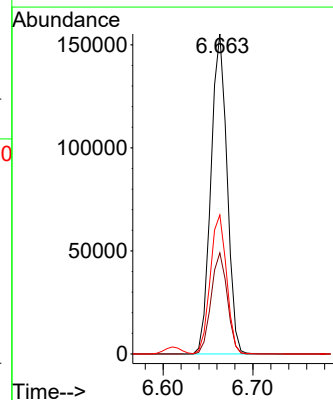
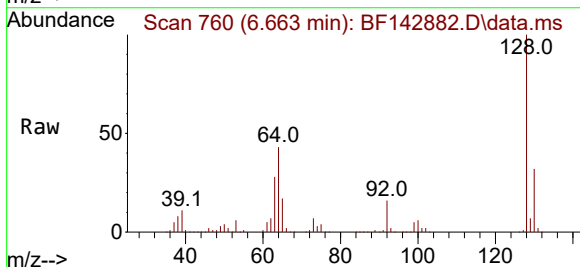
Tgt Ion:128 Resp: 193634

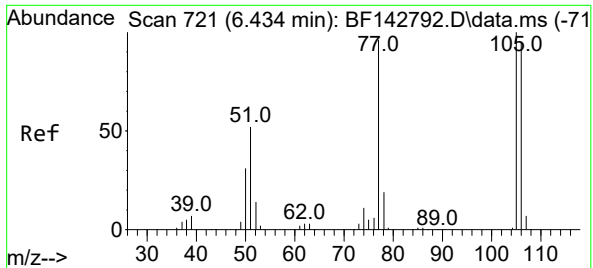
Ion Ratio Lower Upper

128 100

130 31.6 12.7 52.7

64 43.5 26.5 66.5

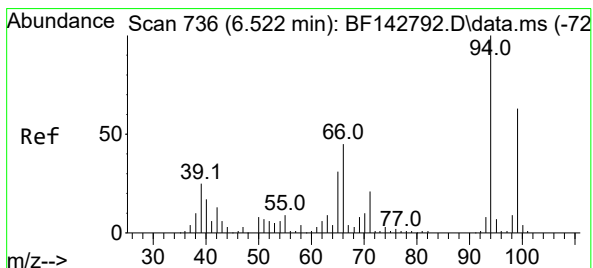
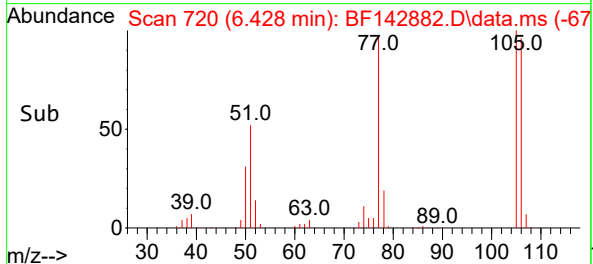
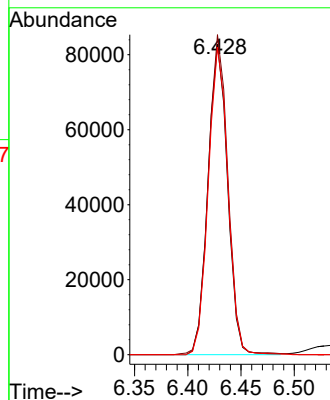
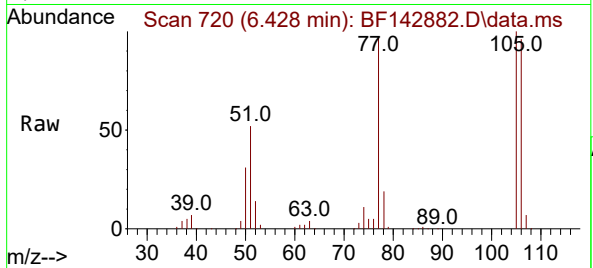




#9
Benzaldehyde
Concen: 35.722 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

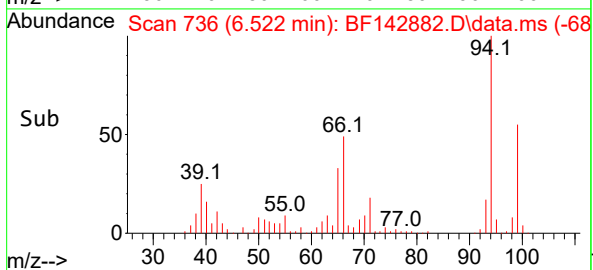
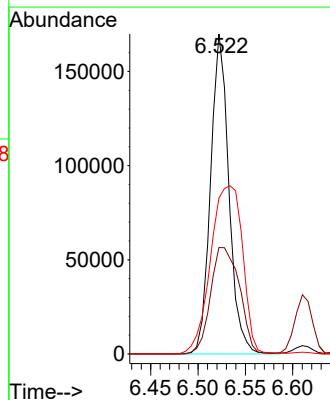
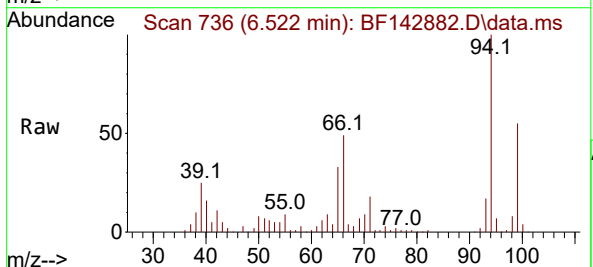
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

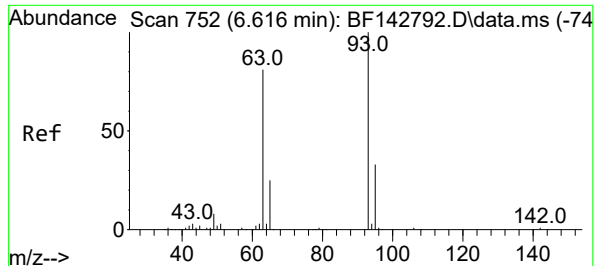
Tgt Ion: 77 Resp: 105877
Ion Ratio Lower Upper
77 100
105 103.1 83.8 123.8
106 99.2 78.7 118.7



#10
Phenol
Concen: 41.099 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion: 94 Resp: 228233
Ion Ratio Lower Upper
94 100
65 33.3 11.3 51.3
66 48.8 24.9 64.9

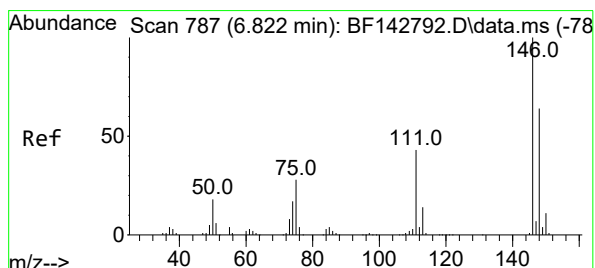
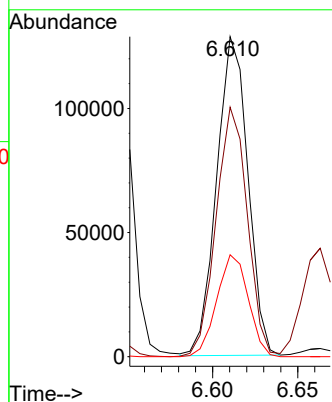
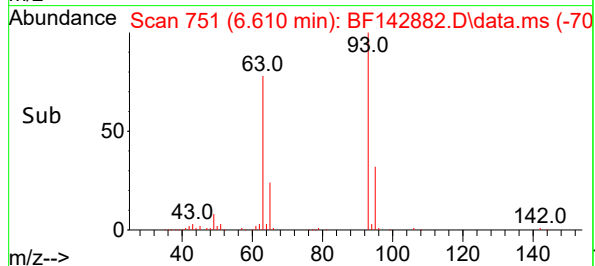
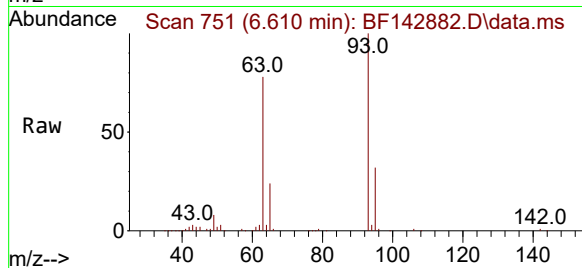




#11
 bis(2-Chloroethyl)ether
 Concen: 41.264 ng
 RT: 6.610 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

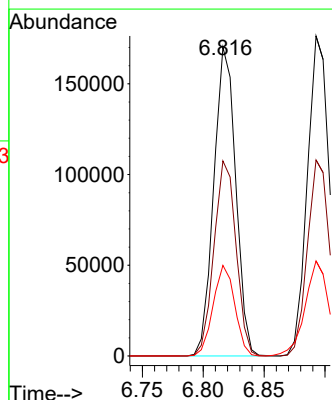
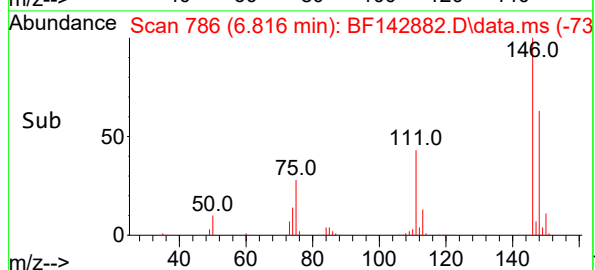
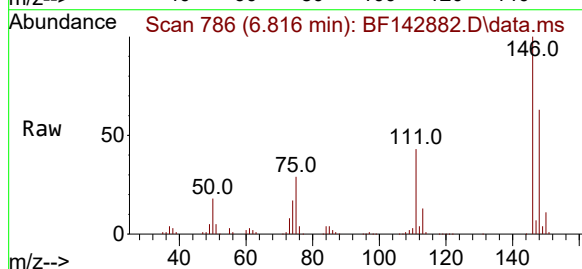
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

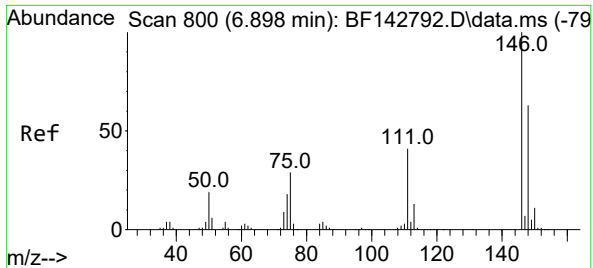
Tgt Ion: 93 Resp: 163774
 Ion Ratio Lower Upper
 93 100
 63 78.0 60.3 100.3
 95 31.9 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 41.714 ng
 RT: 6.816 min Scan# 786
 Delta R.T. -0.006 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

Tgt Ion:146 Resp: 213093
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.1 76.7
 75 29.3 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 42.749 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

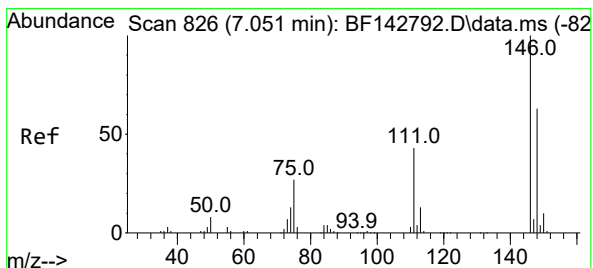
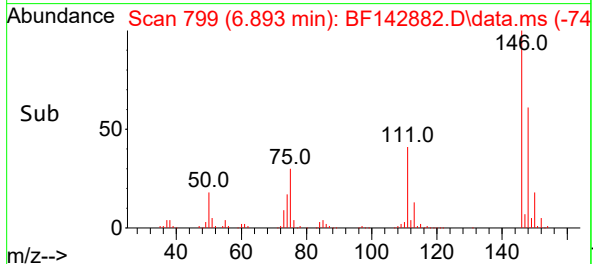
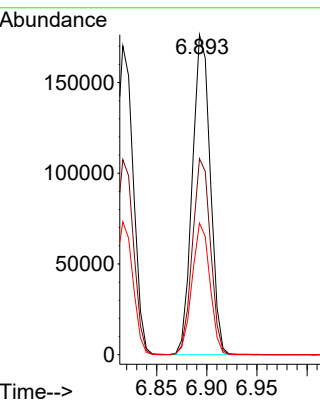
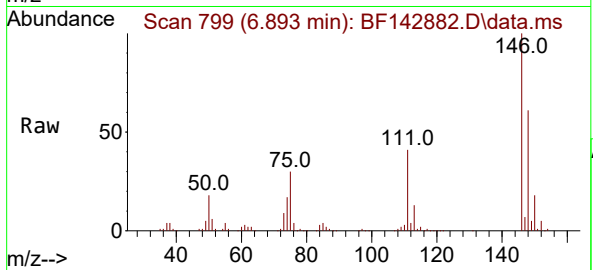
Tgt Ion:146 Resp: 220329

Ion Ratio Lower Upper

146 100

148 61.3 50.2 75.2

111 41.1 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.033 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

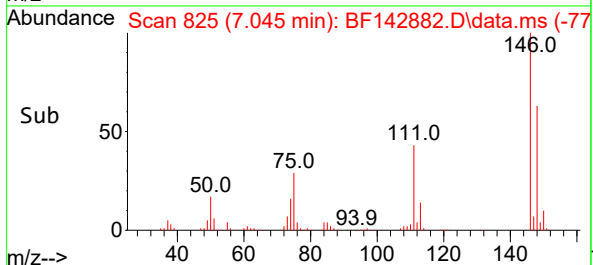
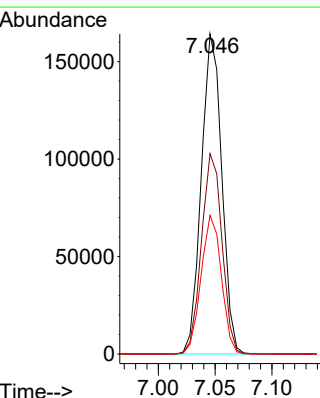
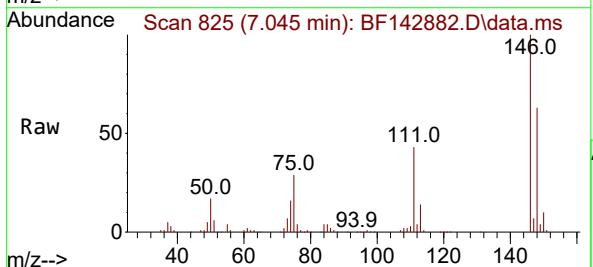
Tgt Ion:146 Resp: 205480

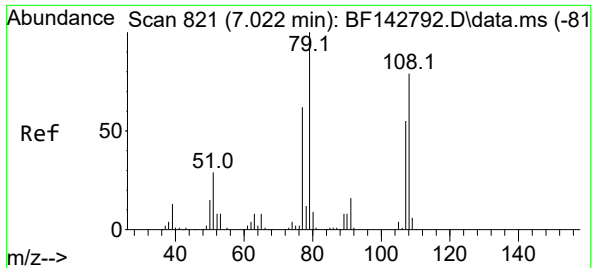
Ion Ratio Lower Upper

146 100

148 62.6 50.4 75.6

111 43.3 34.1 51.1





#15

Benzyl Alcohol

Concen: 42.208 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

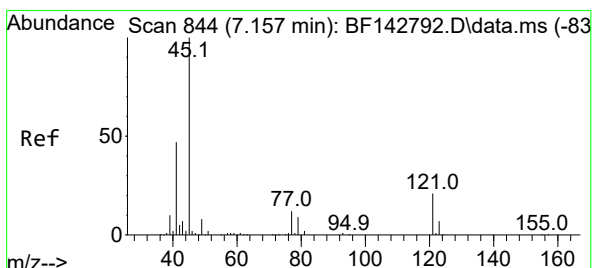
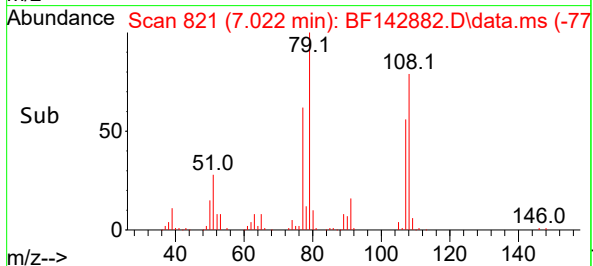
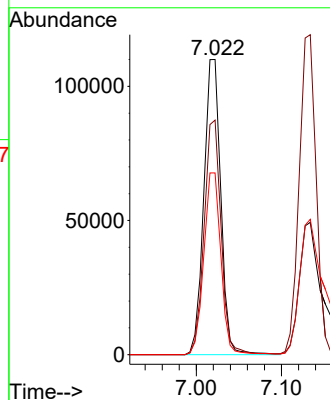
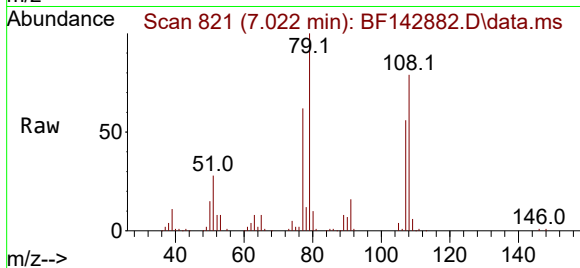
Tgt Ion: 79 Resp: 152439

Ion Ratio Lower Upper

79 100

108 79.5 63.4 95.0

77 61.6 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.605 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

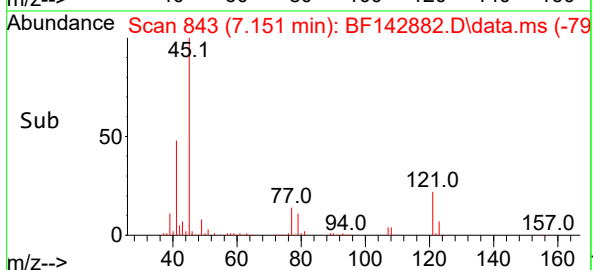
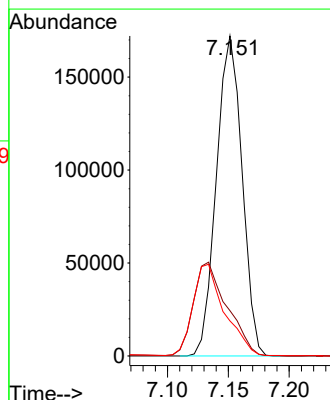
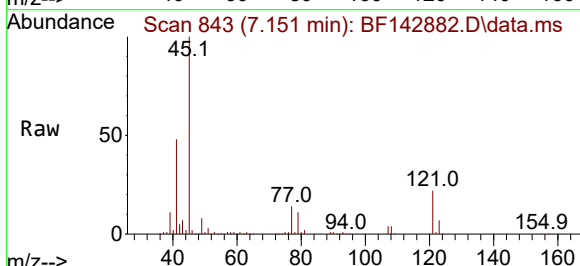
Tgt Ion: 45 Resp: 252551

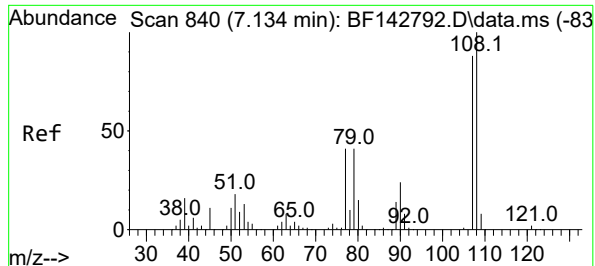
Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.8

79 10.9 0.0 29.8





#17

2-Methylphenol

Concen: 41.790 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 144657

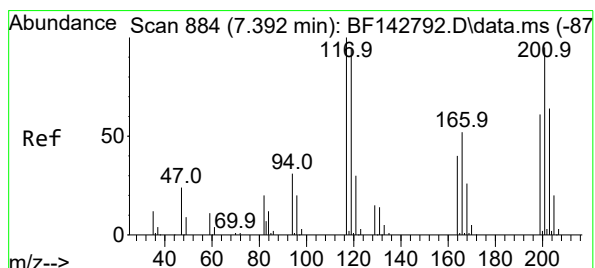
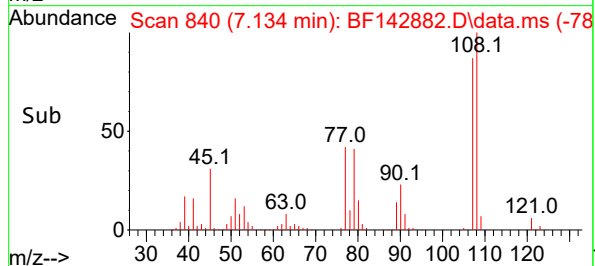
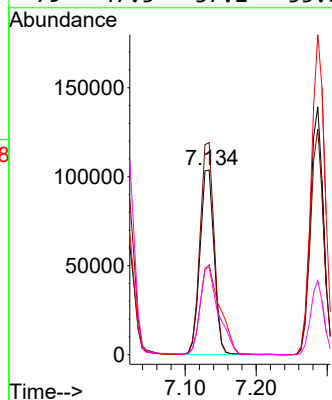
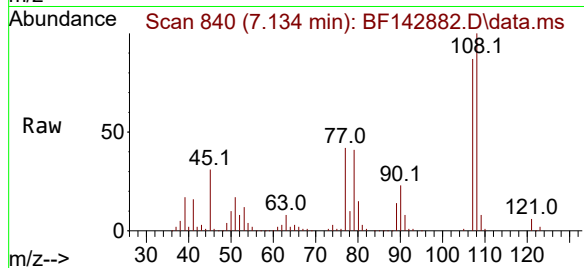
Ion Ratio Lower Upper

107 100

108 114.9 90.9 136.3

77 48.6 37.3 55.9

79 47.5 37.2 55.8



#18

Hexachloroethane

Concen: 42.629 ng

RT: 7.387 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

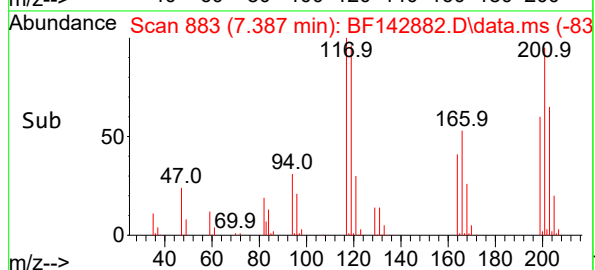
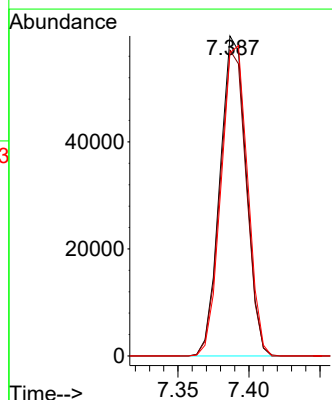
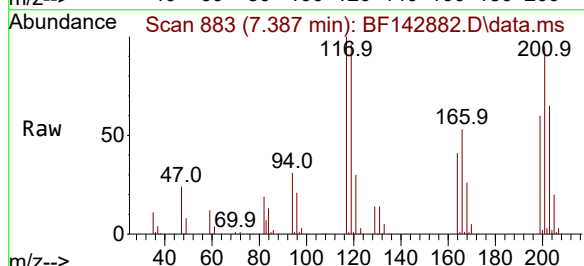
Tgt Ion:117 Resp: 76850

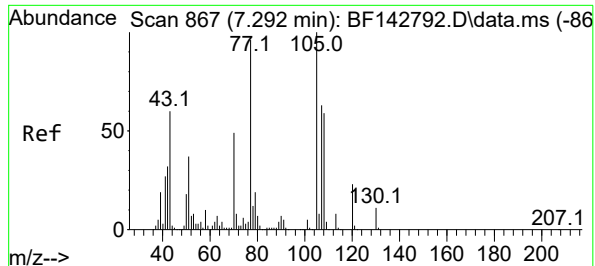
Ion Ratio Lower Upper

117 100

119 95.5 75.4 113.0

201 94.7 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.849 ng

RT: 7.293 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 121595

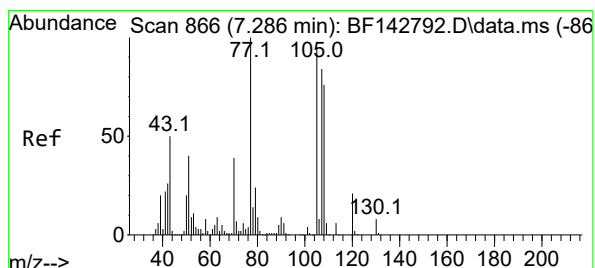
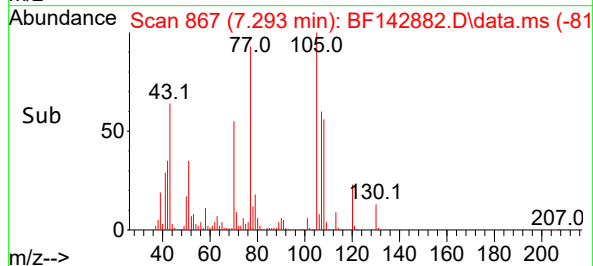
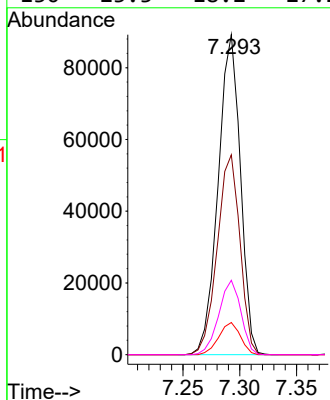
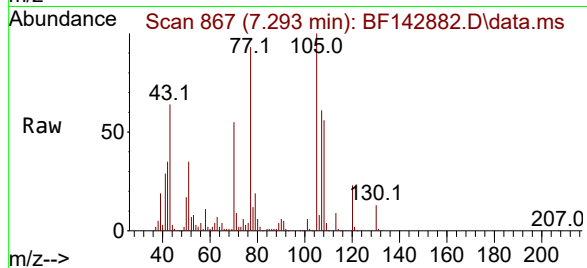
Ion Ratio Lower Upper

70 100

42 62.4 52.1 78.1

101 10.0 8.2 12.2

130 23.3 18.2 27.2



#20

3+4-Methylphenols

Concen: 41.797 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Tgt Ion:107 Resp: 180389

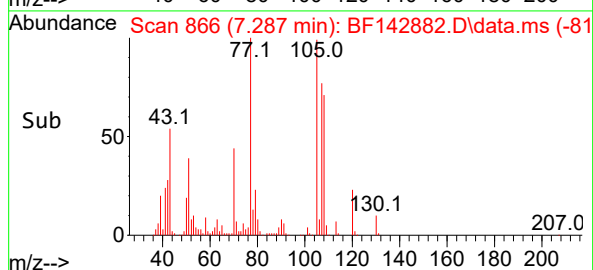
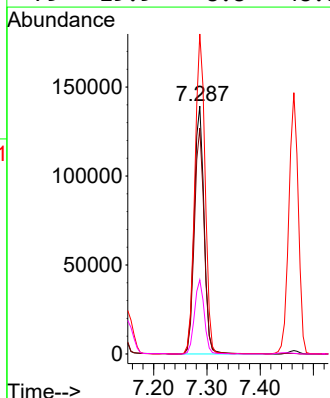
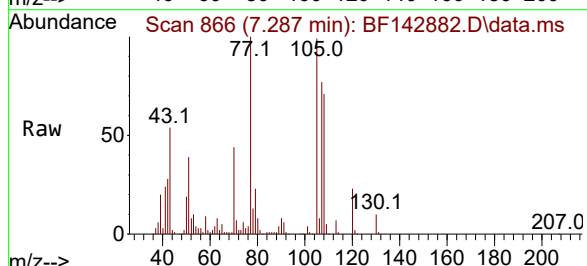
Ion Ratio Lower Upper

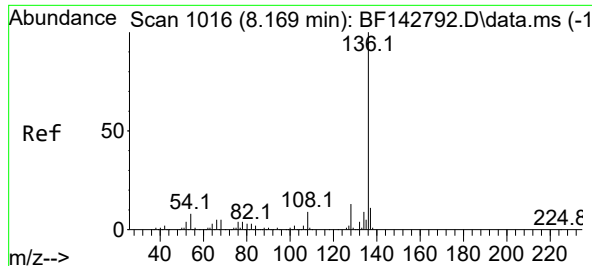
107 100

108 91.0 70.0 110.0

77 129.1 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: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 264550

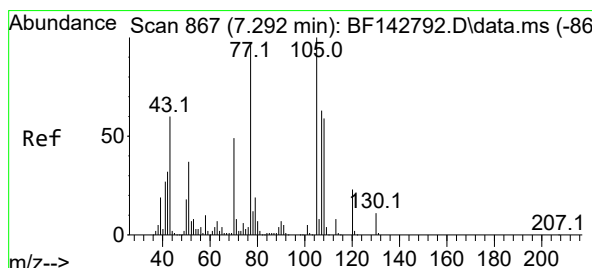
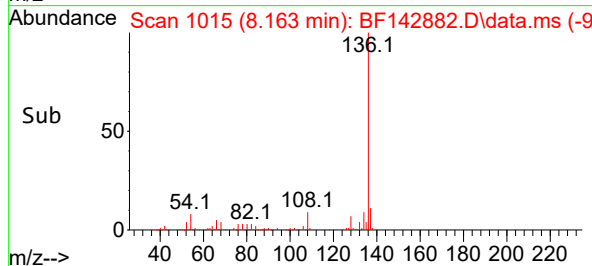
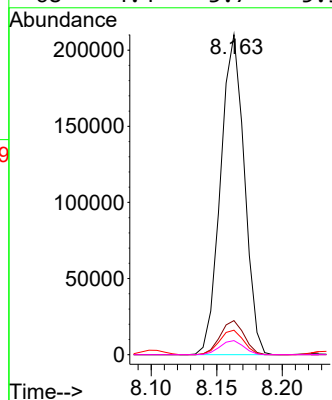
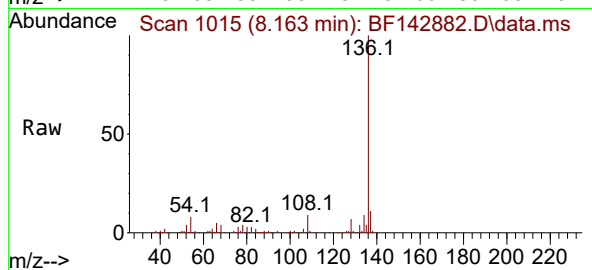
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 7.7 6.3 9.5

68 4.4 3.7 5.5



#22

Acetophenone

Concen: 41.515 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Tgt Ion:105 Resp: 242192

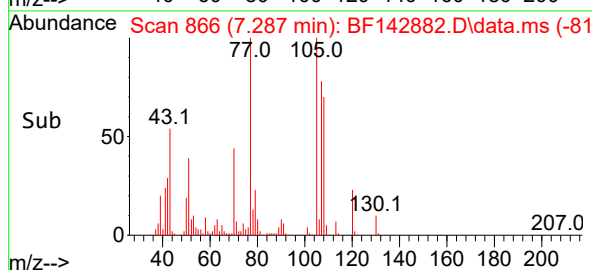
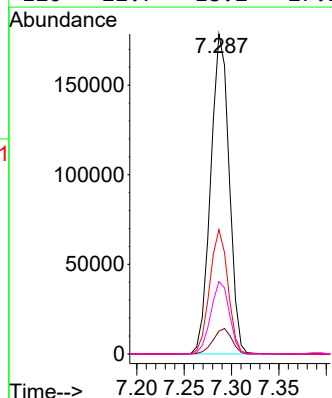
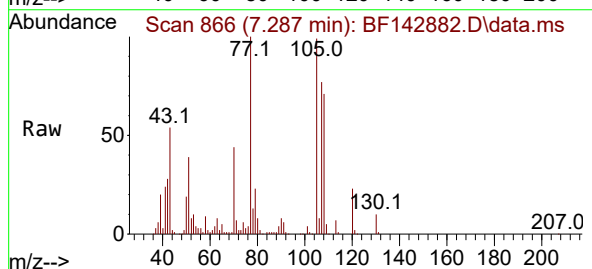
Ion Ratio Lower Upper

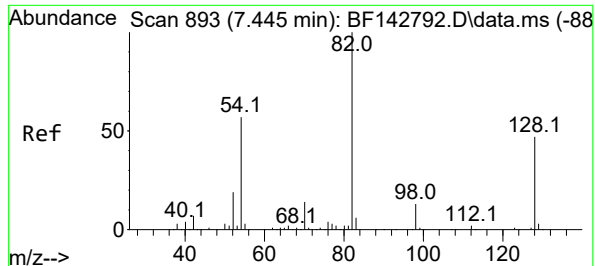
105 100

71 7.1 6.5 9.7

51 38.9 29.8 44.8

120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 99.057 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

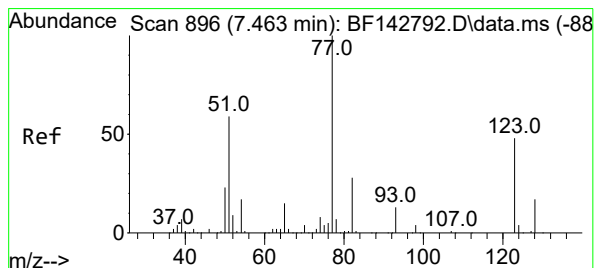
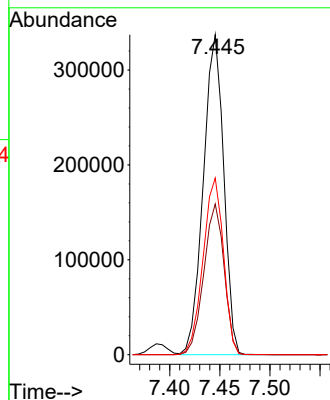
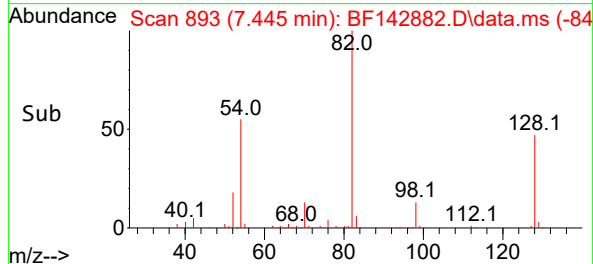
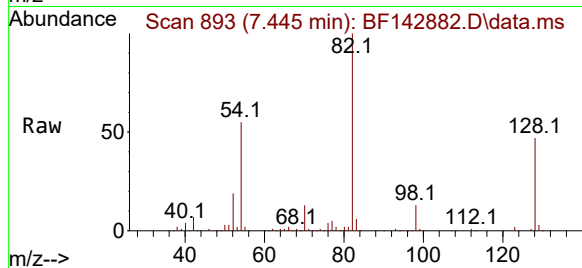
Tgt Ion: 82 Resp: 477762

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

54 55.2 45.7 68.5



#24

Nitrobenzene

Concen: 41.412 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

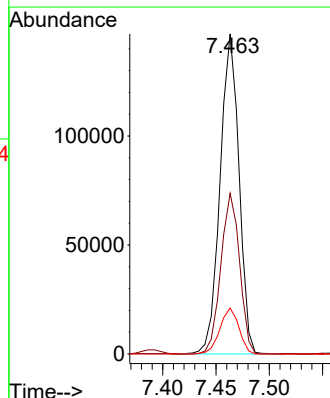
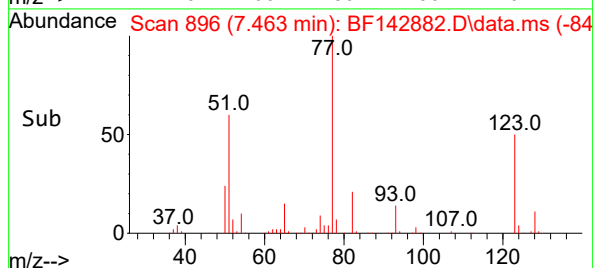
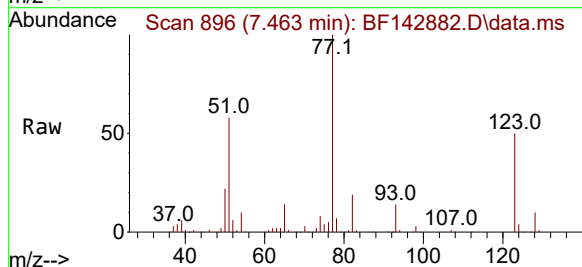
Tgt Ion: 77 Resp: 180776

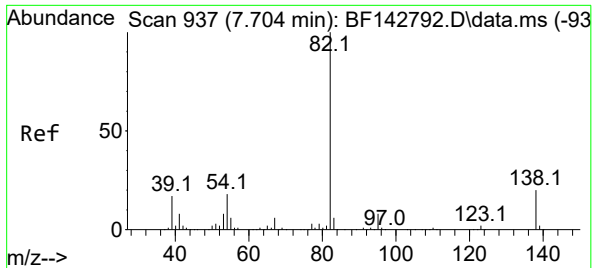
Ion Ratio Lower Upper

77 100

123 50.2 39.2 58.8

65 14.3 11.6 17.4

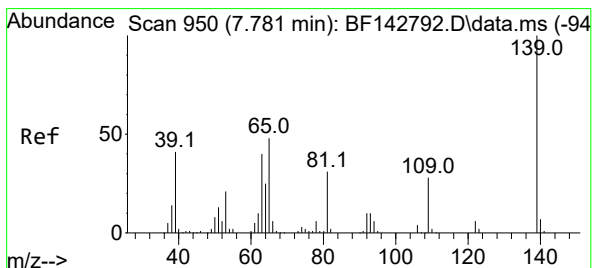
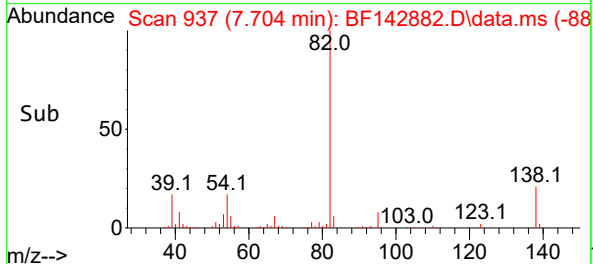
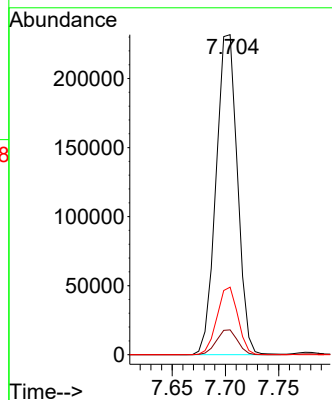
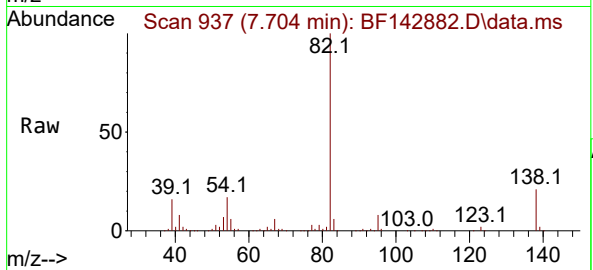




#25
Isophorone
Concen: 41.696 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

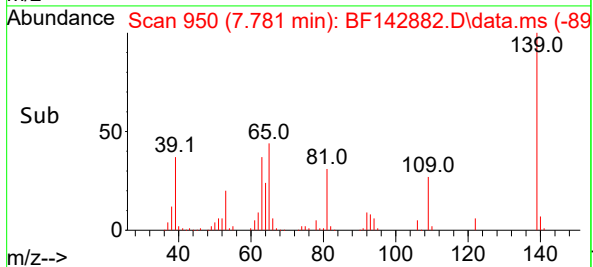
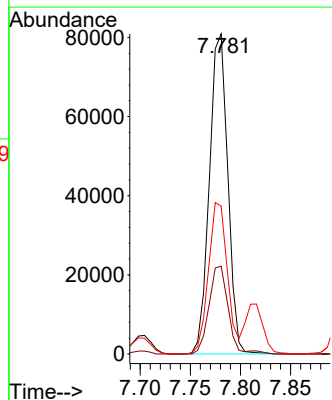
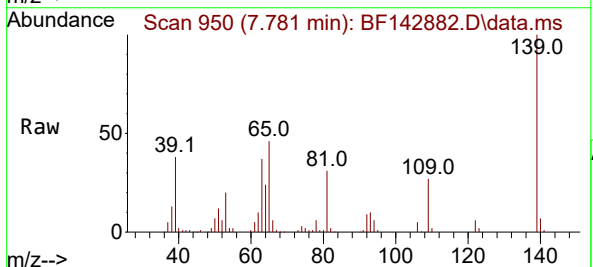
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

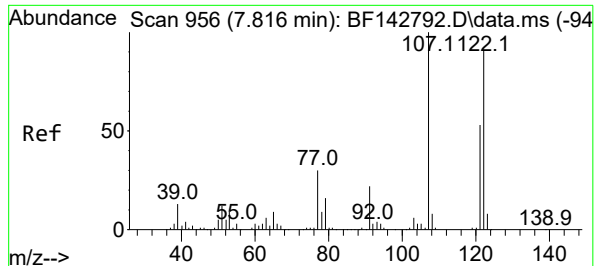
Tgt Ion: 82 Resp: 322599
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 21.1 16.2 24.4



#26
2-Nitrophenol
Concen: 43.570 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:139 Resp: 103609
Ion Ratio Lower Upper
139 100
109 27.4 22.7 34.1
65 46.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.301 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

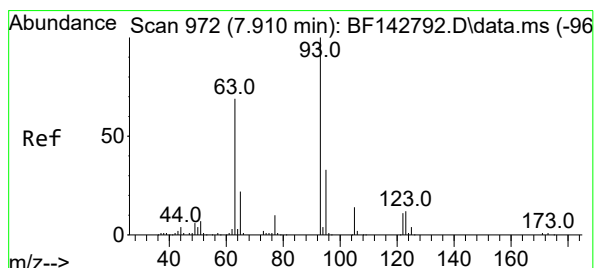
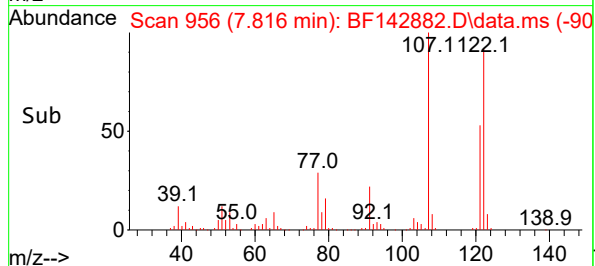
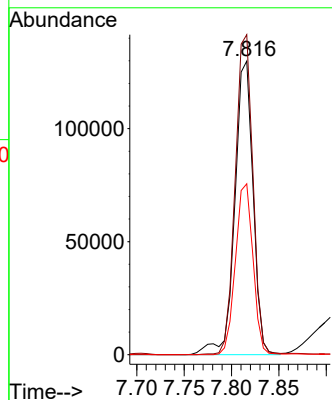
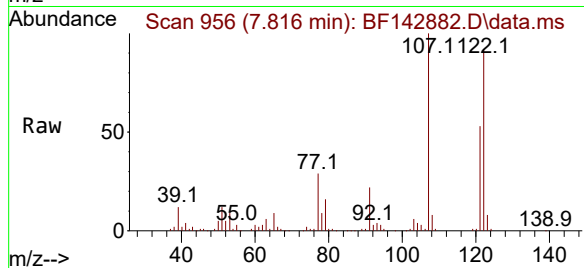
Tgt Ion:122 Resp: 174240

Ion Ratio Lower Upper

122 100

107 109.0 88.0 132.0

121 58.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.746 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

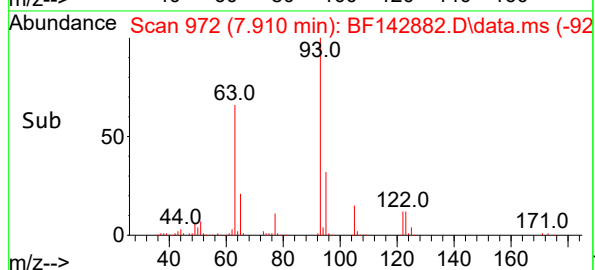
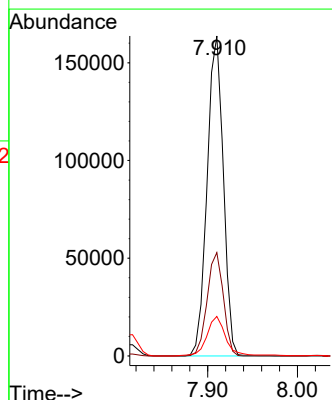
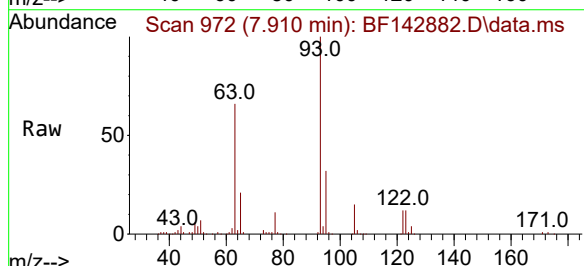
Tgt Ion: 93 Resp: 205343

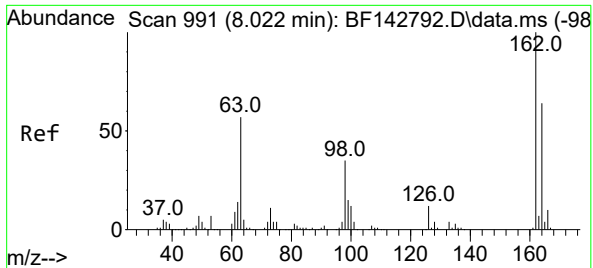
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.895 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

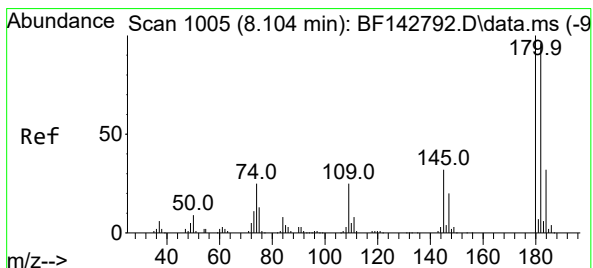
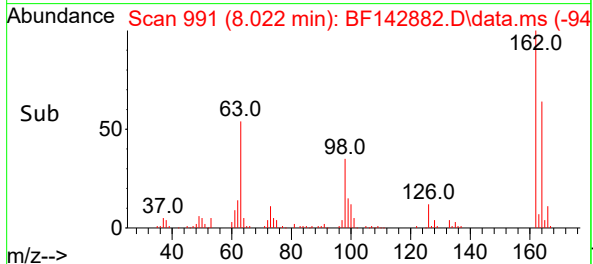
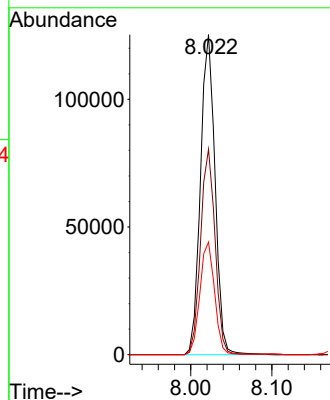
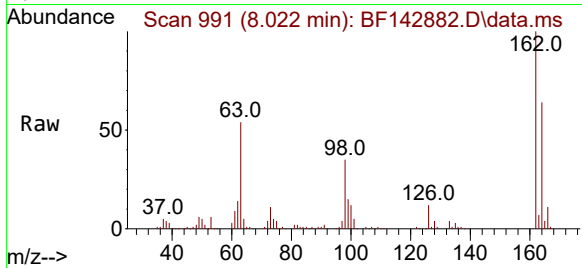
Tgt Ion:162 Resp: 156473

Ion Ratio Lower Upper

162 100

164 64.2 44.0 84.0

98 35.2 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 41.519 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

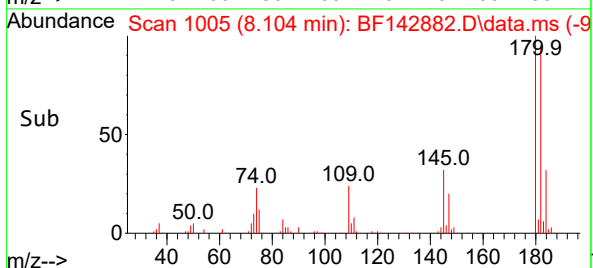
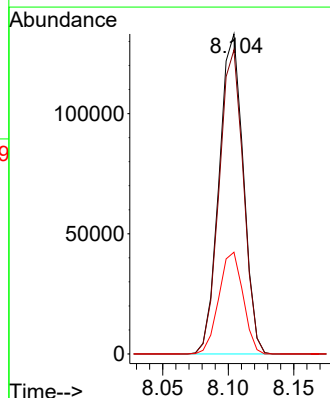
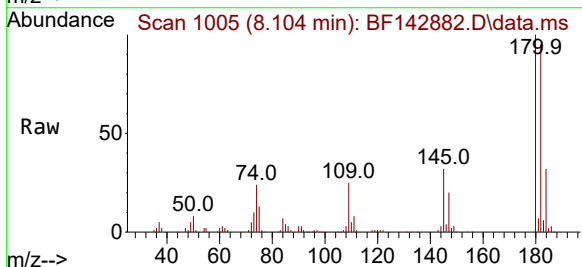
Tgt Ion:180 Resp: 170514

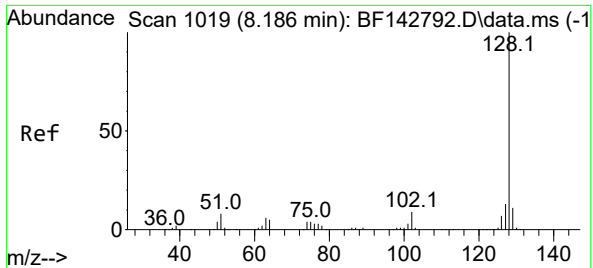
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 31.8 25.8 38.8





#31

Naphthalene

Concen: 41.731 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

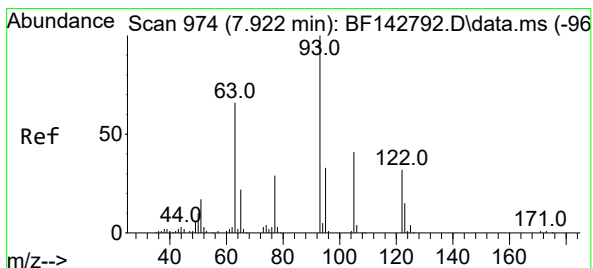
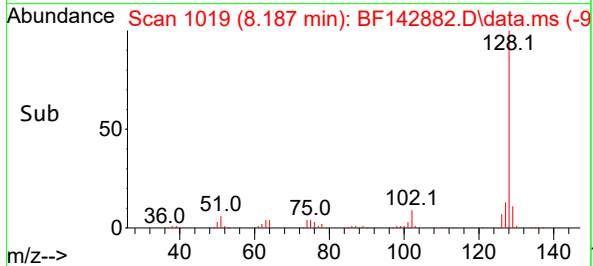
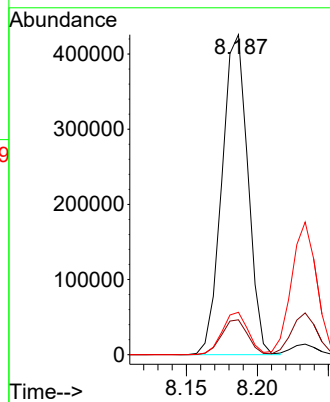
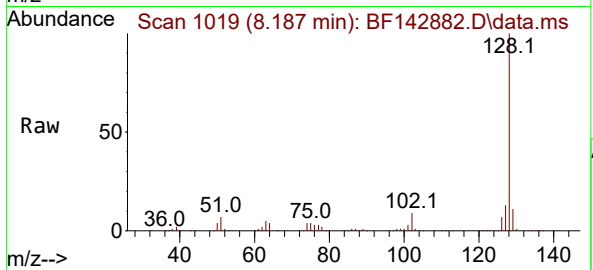
Tgt Ion:128 Resp: 540387

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.3 10.4 15.6



#32

Benzoic acid

Concen: 42.249 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

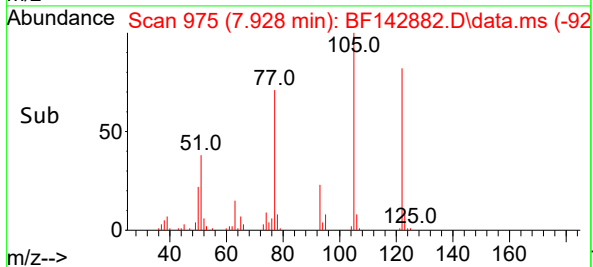
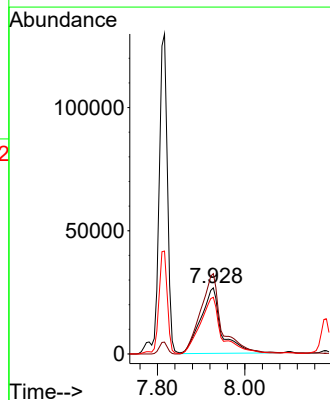
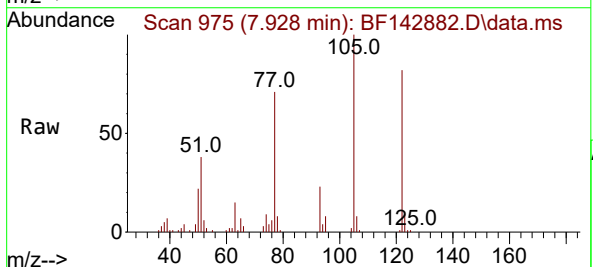
Tgt Ion:122 Resp: 88699

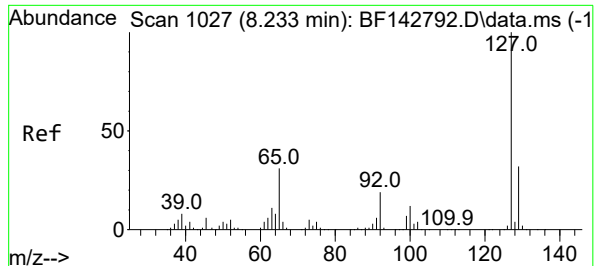
Ion Ratio Lower Upper

122 100

105 121.4 104.7 144.7

77 85.7 70.2 110.2





#33

4-Chloroaniline

Concen: 42.142 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 221895

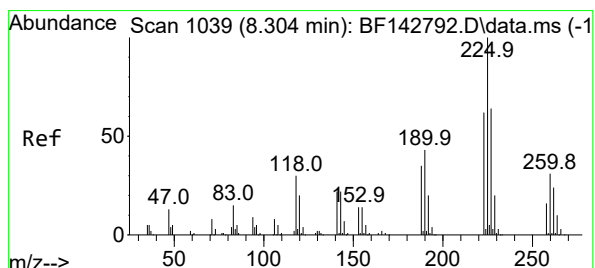
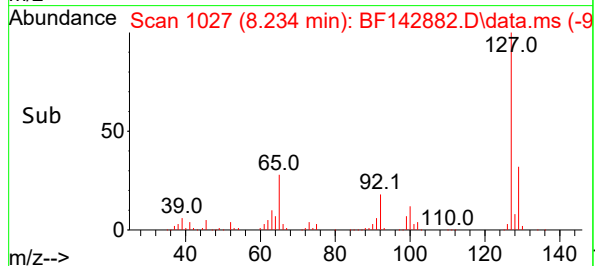
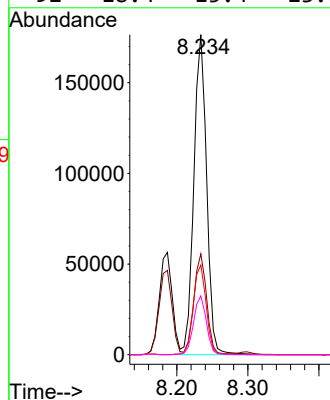
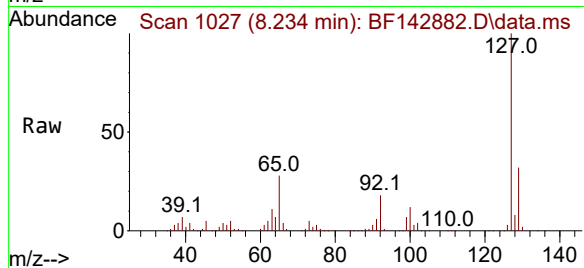
Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 28.1 24.6 36.8

92 18.4 15.4 23.0



#34

Hexachlorobutadiene

Concen: 41.536 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

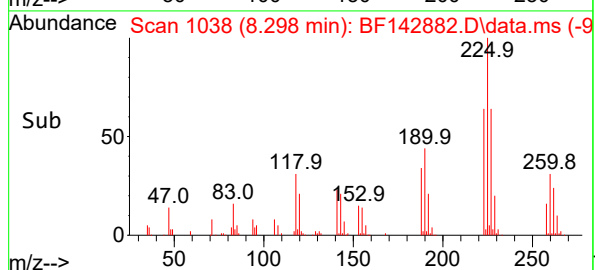
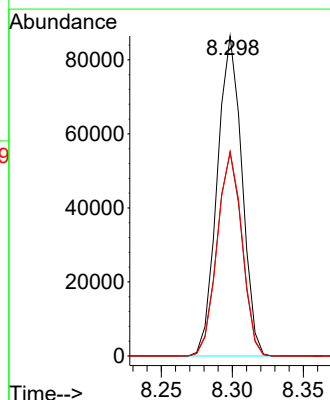
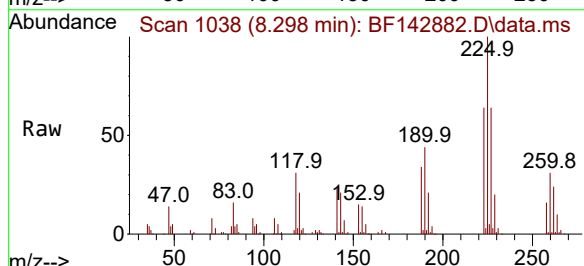
Tgt Ion:225 Resp: 104342

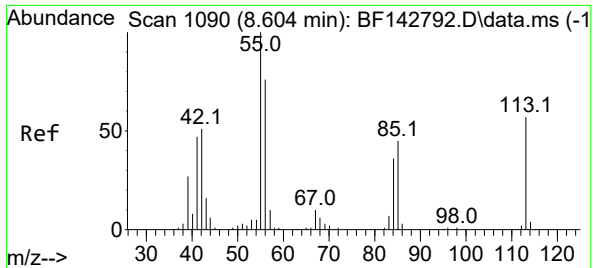
Ion Ratio Lower Upper

225 100

223 63.5 49.9 74.9

227 63.9 51.4 77.0

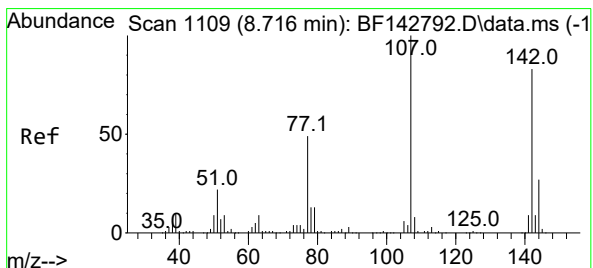
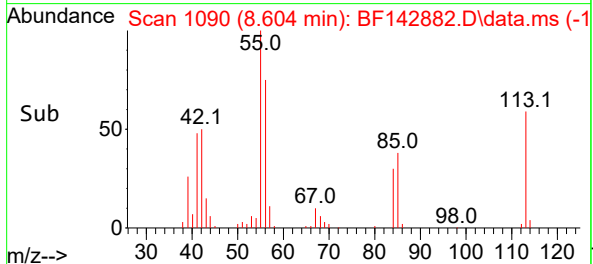
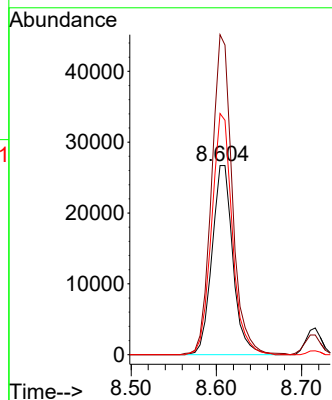
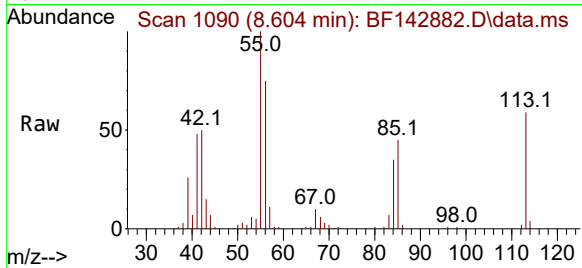




#35
 Caprolactam
 Concen: 46.097 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

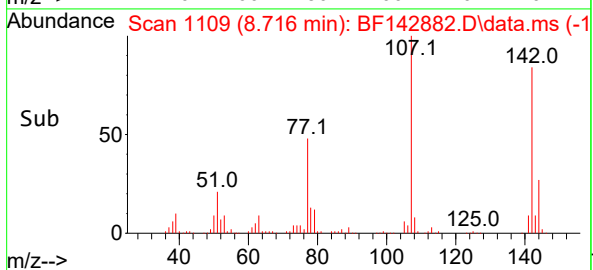
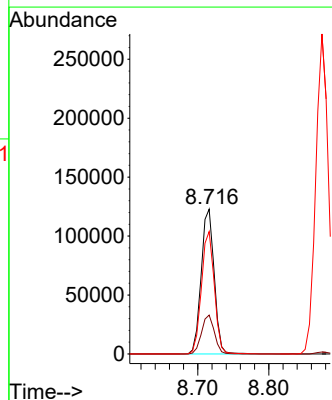
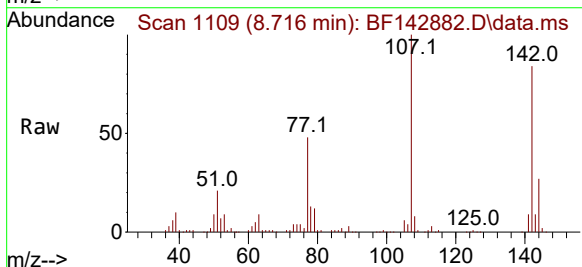
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

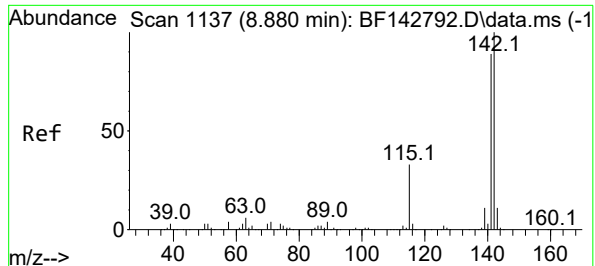
Tgt Ion:113 Resp: 45431
 Ion Ratio Lower Upper
 113 100
 55 169.2 154.4 194.4
 56 127.4 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.314 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

Tgt Ion:107 Resp: 157062
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.3 31.9
 142 84.5 66.6 100.0





#37

2-Methylnaphthalene

Concen: 41.521 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

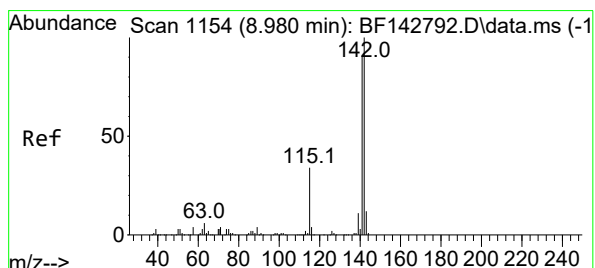
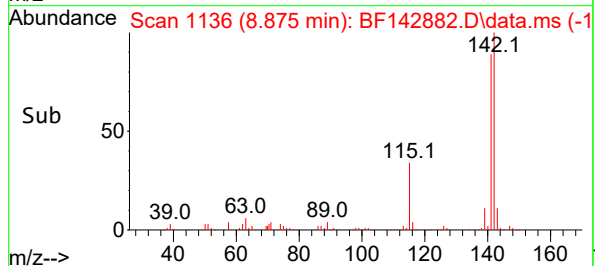
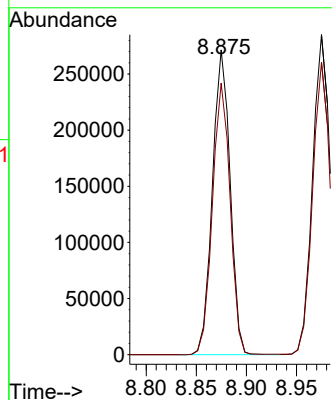
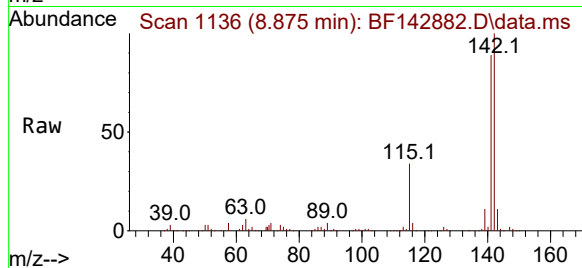
SSTDCCC040

Tgt Ion:142 Resp: 333334

Ion Ratio Lower Upper

142 100

141 89.1 70.9 106.3



#38

1-Methylnaphthalene

Concen: 41.811 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142882.D

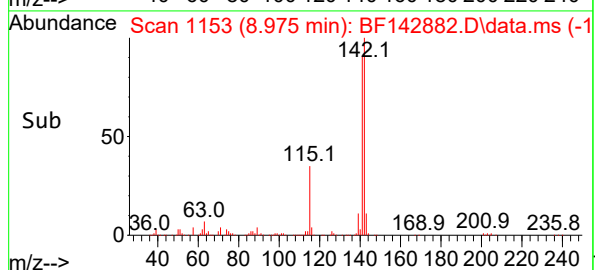
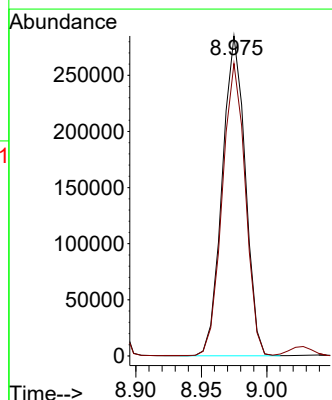
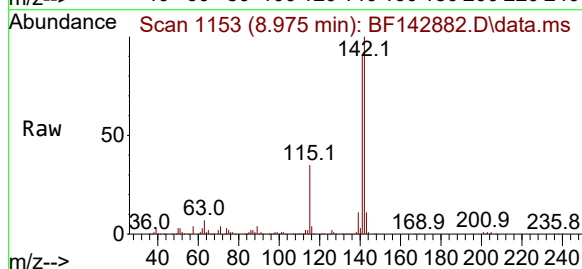
Acq: 27 Jun 2025 09:51

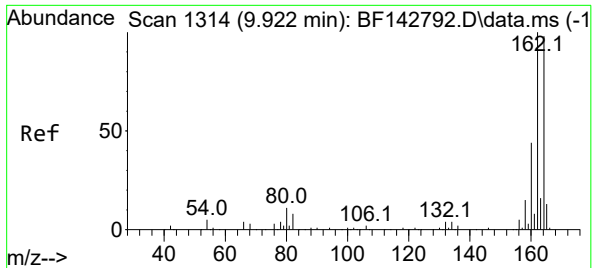
Tgt Ion:142 Resp: 347469

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# 1164

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

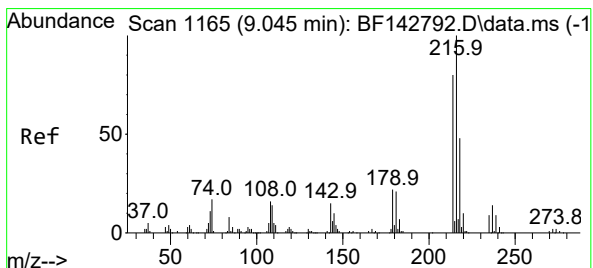
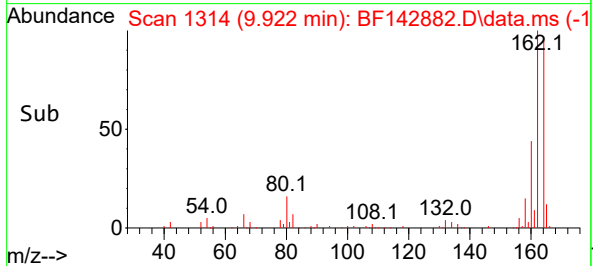
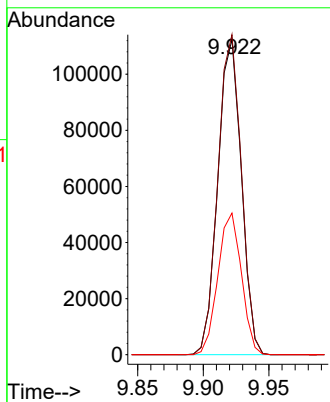
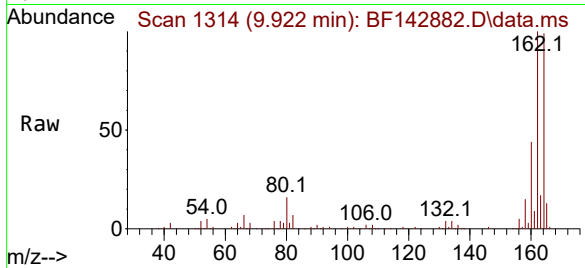
Tgt Ion:164 Resp: 140000

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.8

160 44.9 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.104 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Tgt Ion:216 Resp: 169797

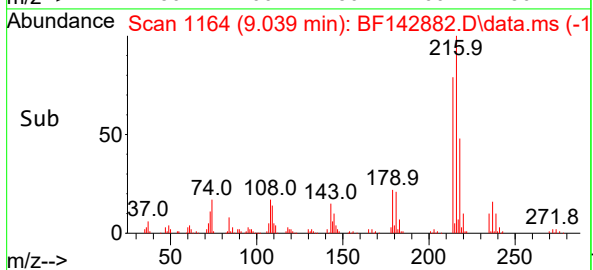
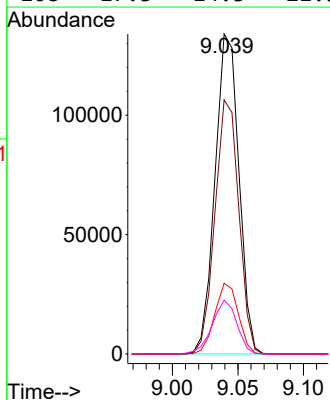
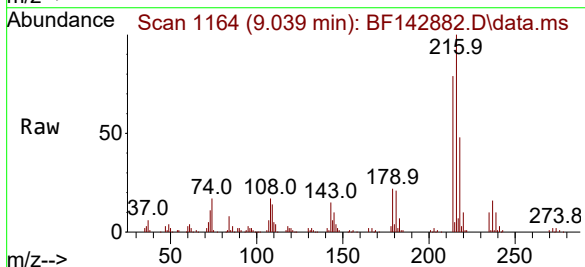
Ion Ratio Lower Upper

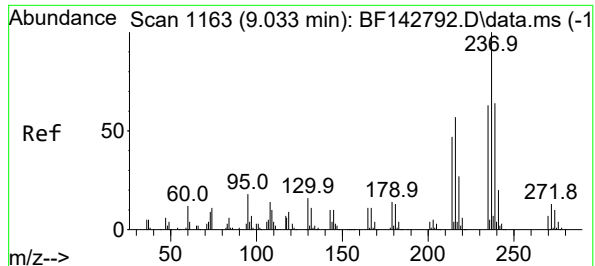
216 100

214 79.2 63.7 95.5

179 21.8 17.6 26.4

108 17.3 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 36.646 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

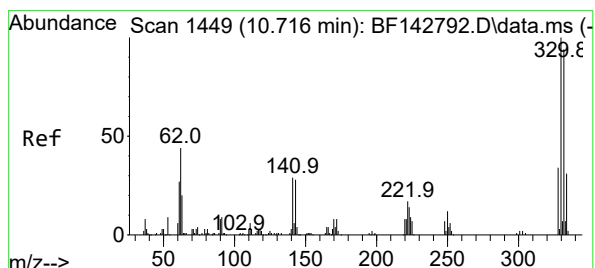
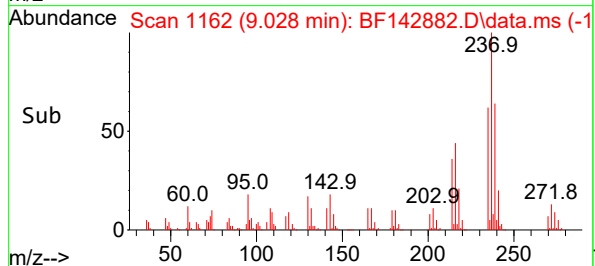
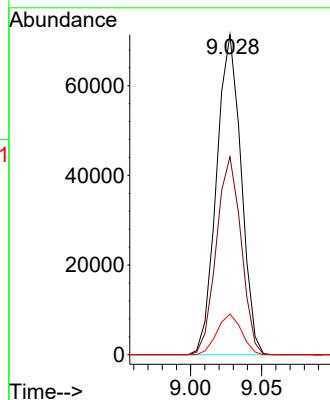
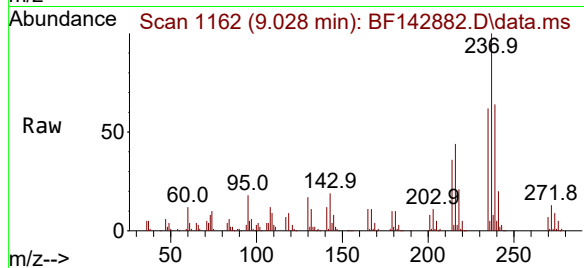
Tgt Ion:237 Resp: 85906

Ion Ratio Lower Upper

237 100

235 61.8 43.4 83.4

272 12.7 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 84.497 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

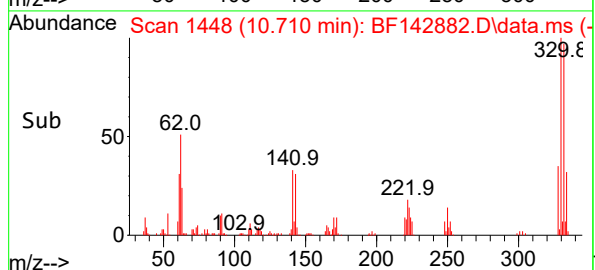
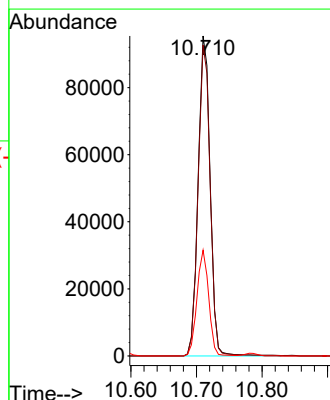
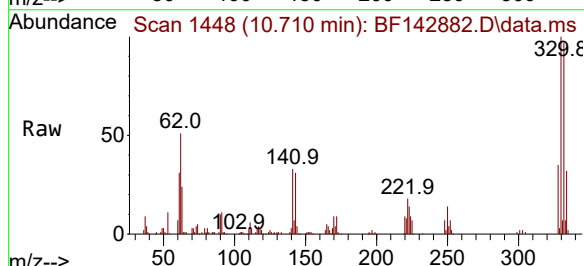
Tgt Ion:330 Resp: 121734

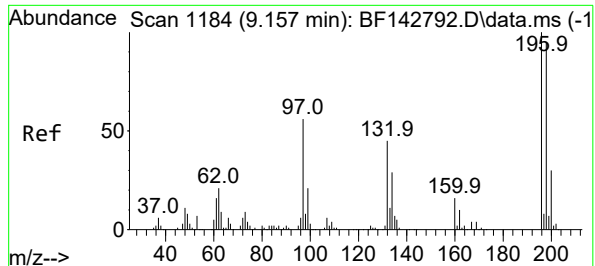
Ion Ratio Lower Upper

330 100

332 97.4 75.0 112.6

141 32.2 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 40.872 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

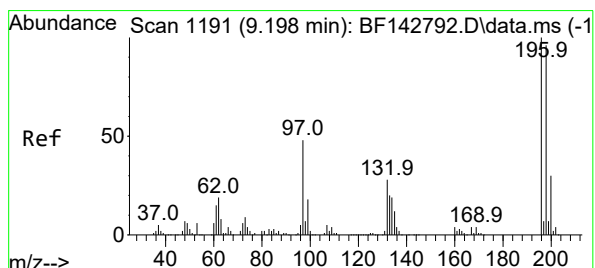
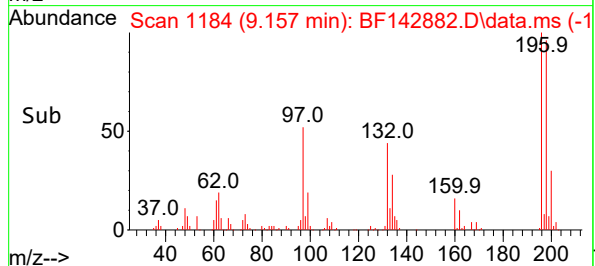
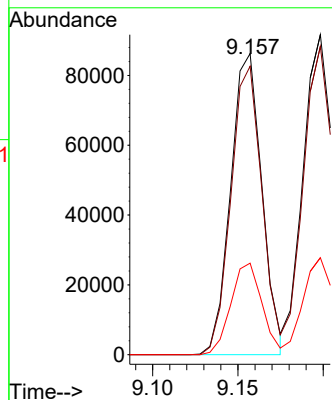
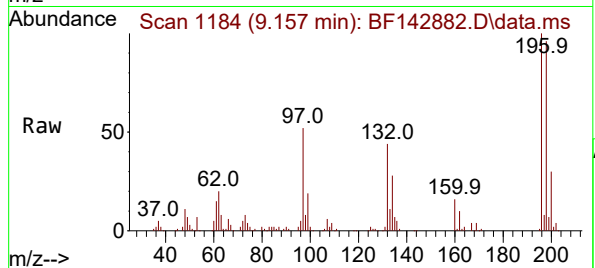
Tgt Ion:196 Resp: 110019

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

200 30.4 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 41.435 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Tgt Ion:196 Resp: 117411

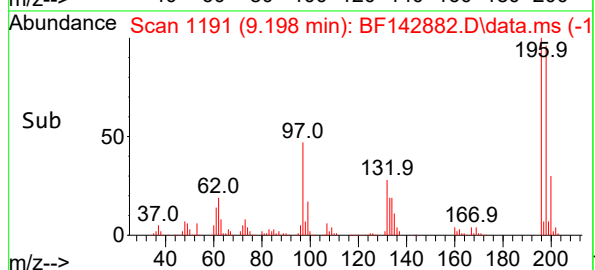
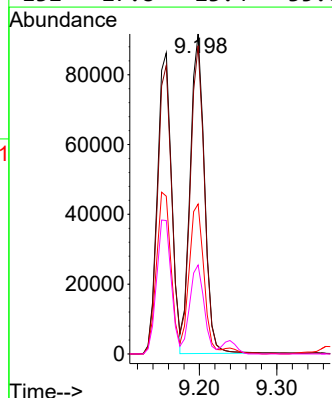
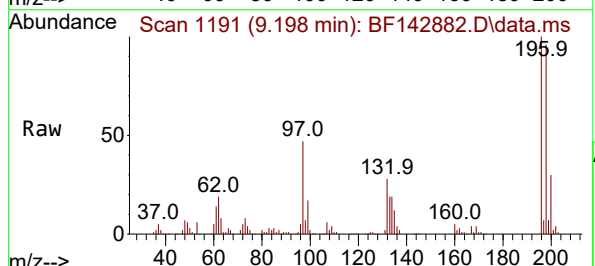
Ion Ratio Lower Upper

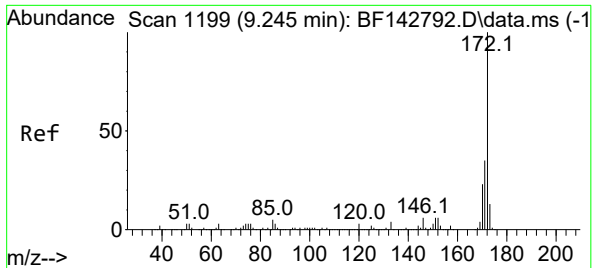
196 100

198 96.3 76.6 115.0

97 46.9 38.2 57.2

132 27.8 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 93.716 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

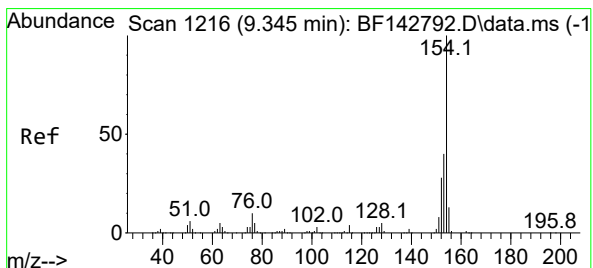
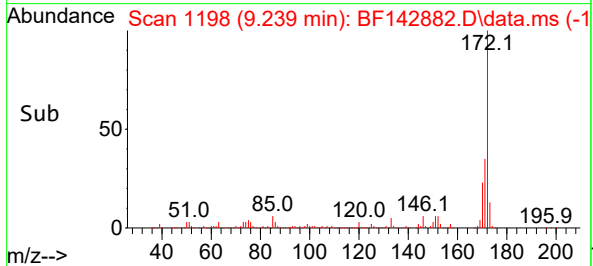
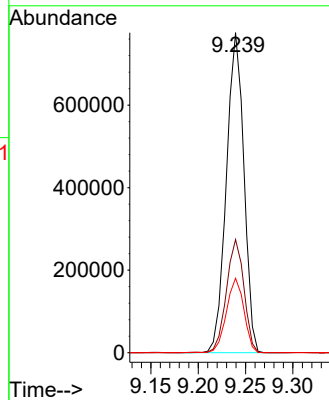
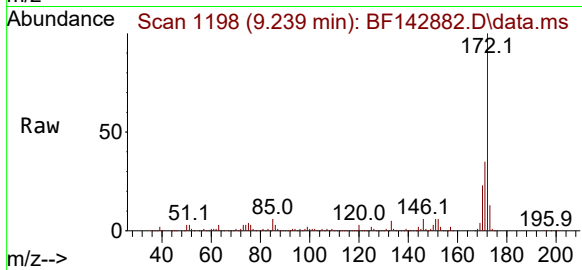
Tgt Ion:172 Resp: 998745

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.3 18.5 27.7



#46

1,1'-Biphenyl

Concen: 40.991 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

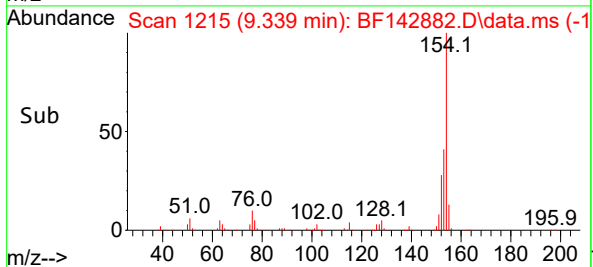
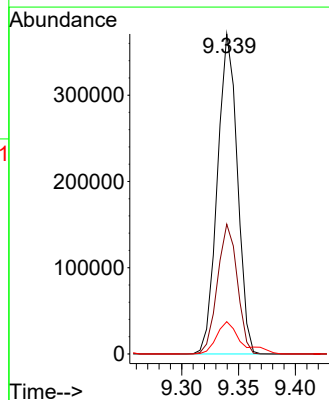
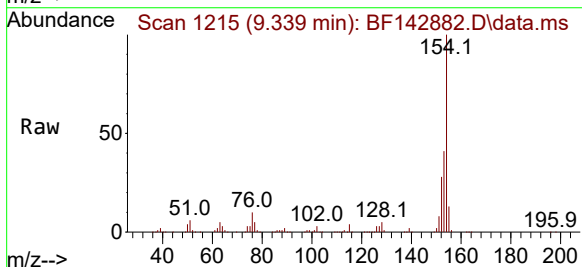
Tgt Ion:154 Resp: 453330

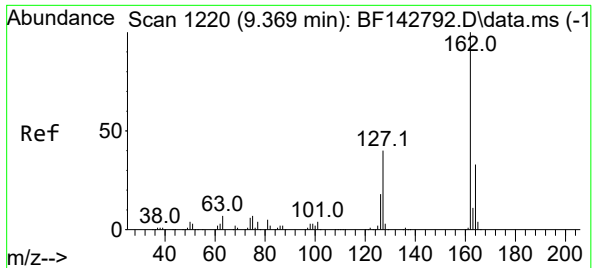
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 10.1 0.0 30.3





#47

2-Chloronaphthalene

Concen: 40.645 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

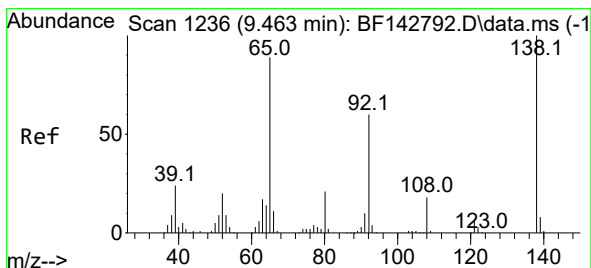
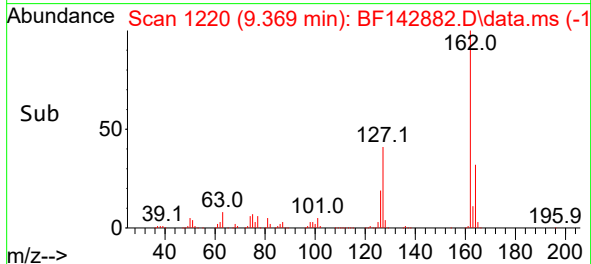
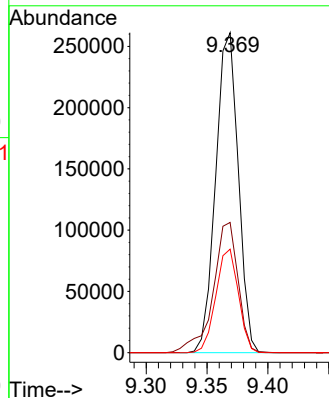
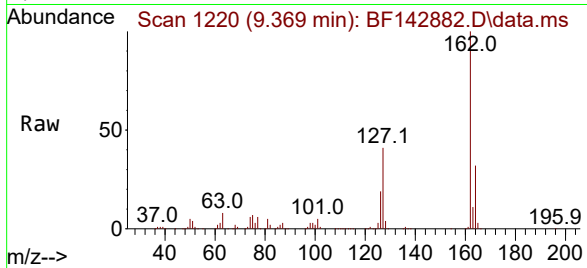
Tgt Ion:162 Resp: 337318

Ion Ratio Lower Upper

162 100

127 40.7 32.2 48.2

164 32.4 26.1 39.1



#48

2-Nitroaniline

Concen: 42.158 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

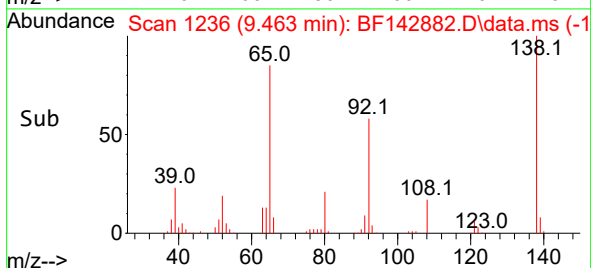
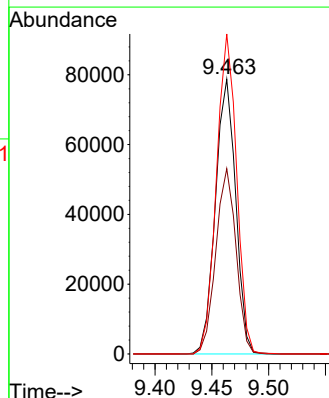
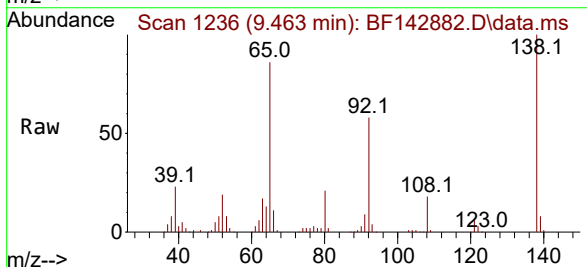
Tgt Ion: 65 Resp: 98089

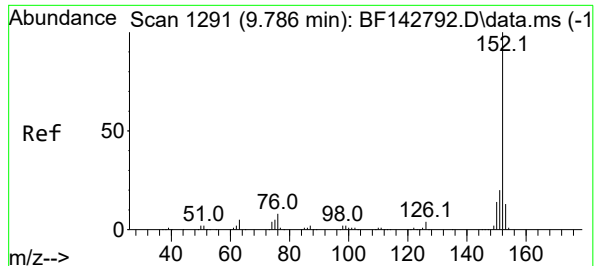
Ion Ratio Lower Upper

65 100

92 67.4 53.8 80.6

138 116.5 89.6 134.4





#49

Acenaphthylene

Concen: 41.130 ng

RT: 9.781 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

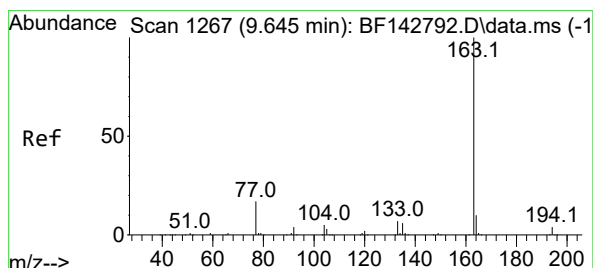
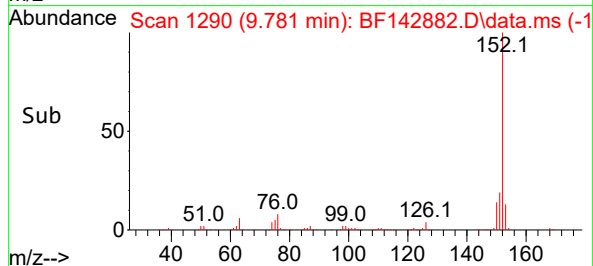
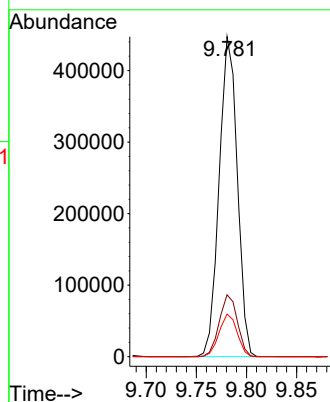
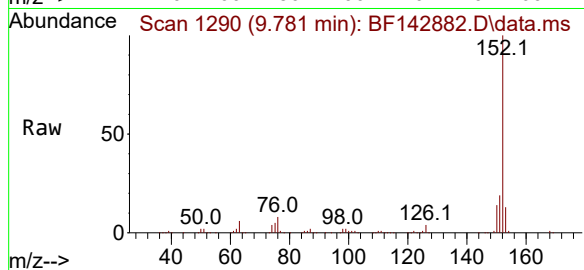
Tgt Ion:152 Resp: 561931

Ion Ratio Lower Upper

152 100

151 19.4 16.1 24.1

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 42.591 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

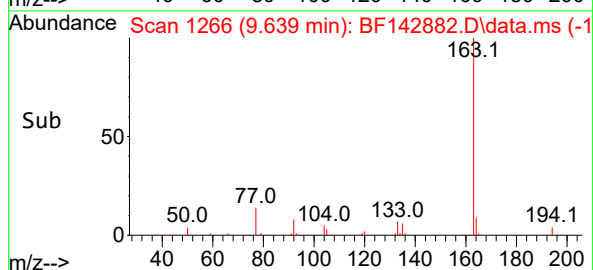
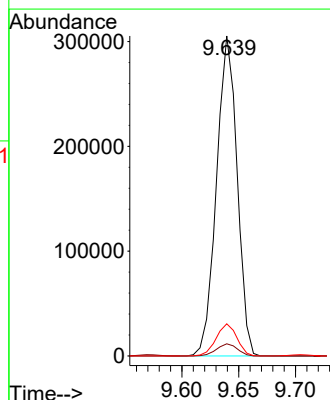
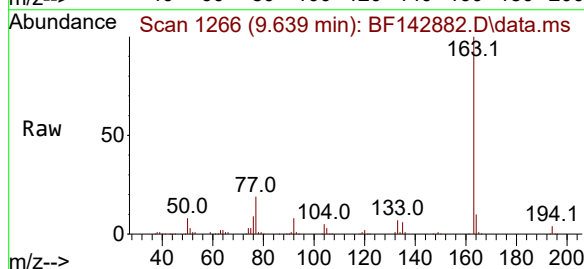
Tgt Ion:163 Resp: 385972

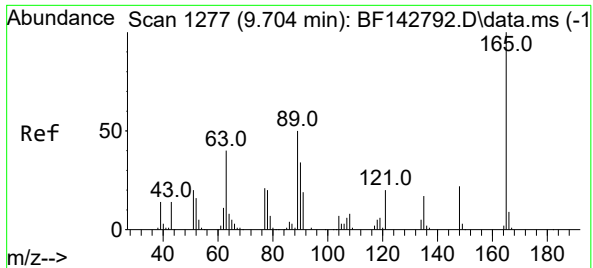
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.1 8.0 12.0

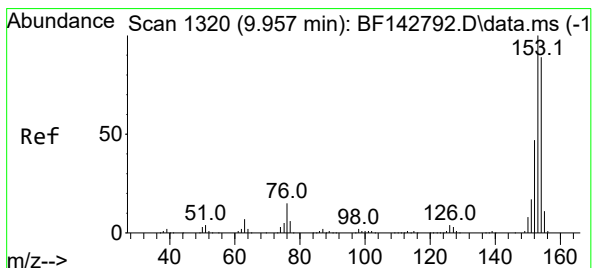
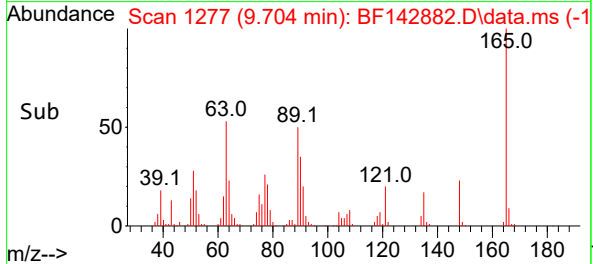
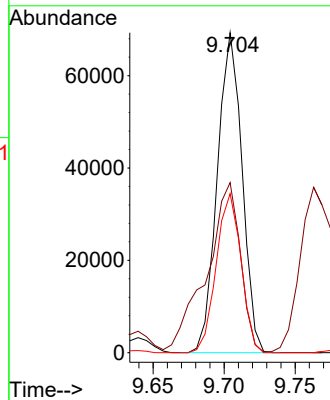
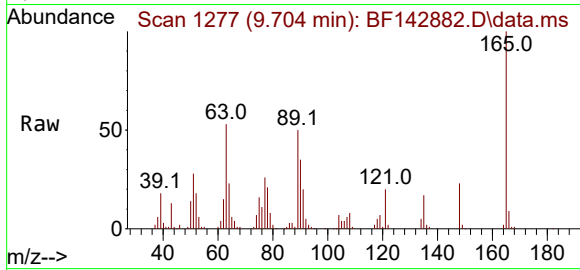




#51
2,6-Dinitrotoluene
Concen: 42.169 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

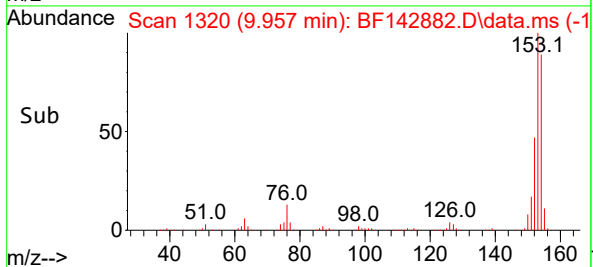
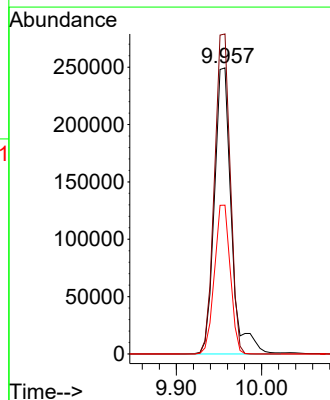
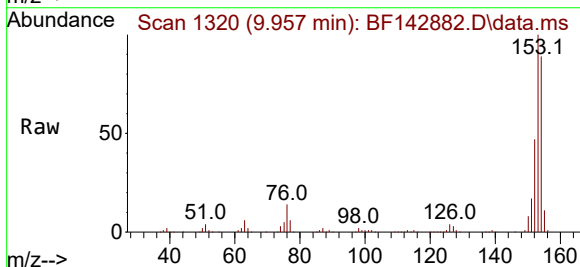
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

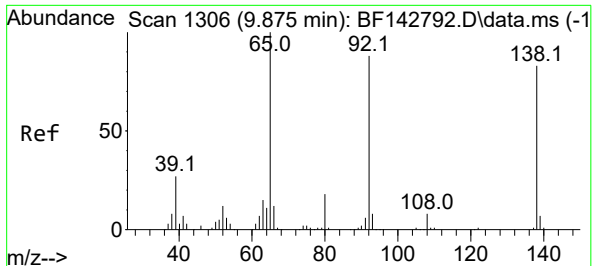
Tgt Ion	Resp	Ion Ratio	Lower	Upper
165	83923	100		
63		53.2	44.2	66.4
89		49.7	39.8	59.8



#52
Acenaphthene
Concen: 41.495 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion	Resp	Ion Ratio	Lower	Upper
154	345883	100		
153		111.9	90.0	135.0
152		52.0	41.9	62.9





#53

3-Nitroaniline

Concen: 42.653 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

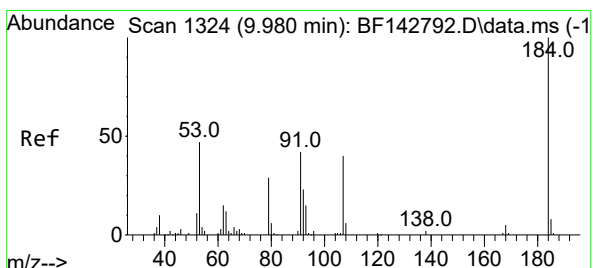
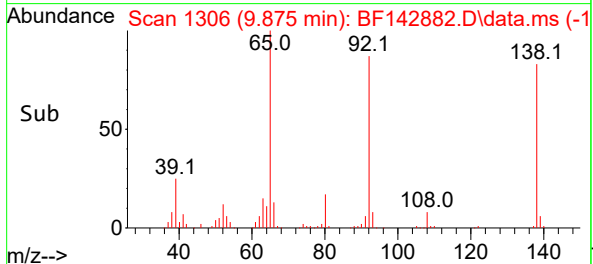
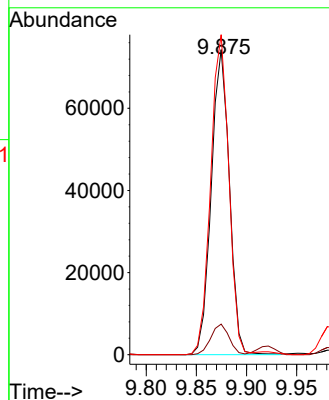
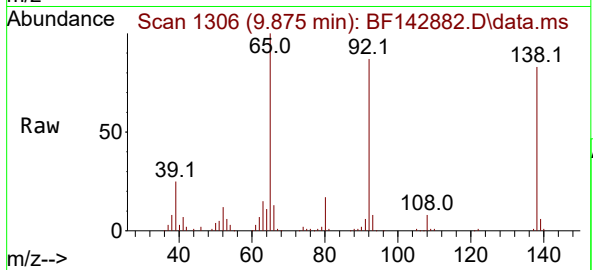
Tgt Ion:138 Resp: 93460

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

92 104.9 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 40.800 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

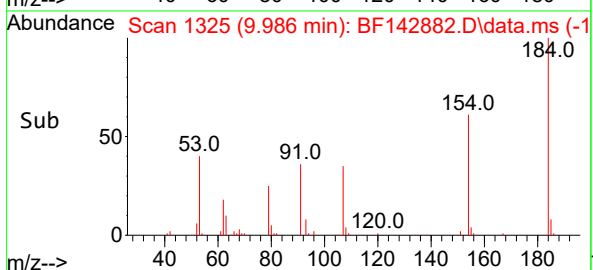
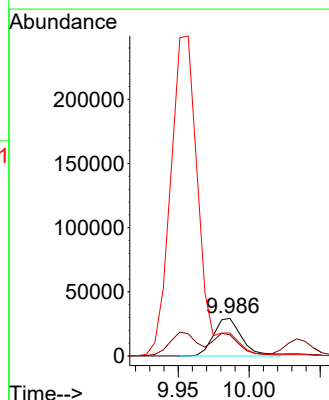
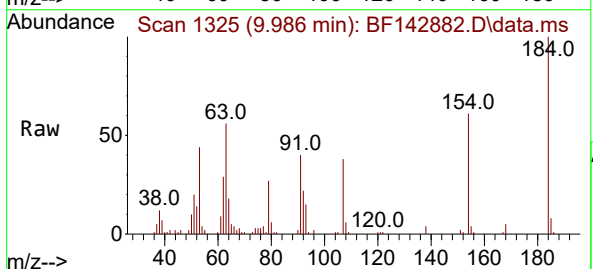
Tgt Ion:184 Resp: 40658

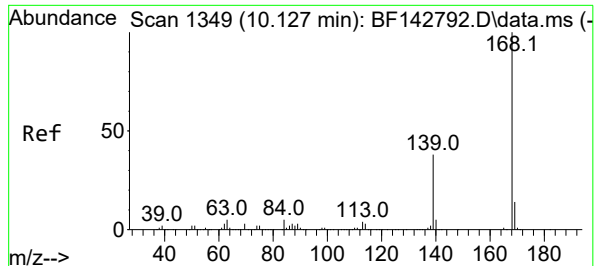
Ion Ratio Lower Upper

184 100

63 56.1 50.6 75.8

154 60.6 51.8 77.8





#55

Dibenzofuran

Concen: 40.981 ng

RT: 10.128 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

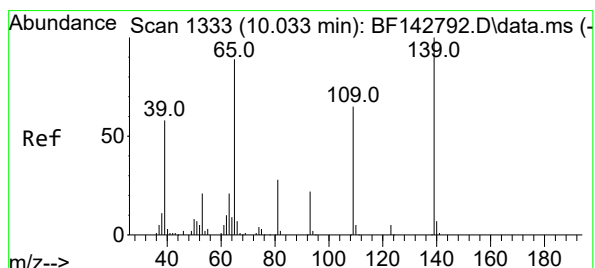
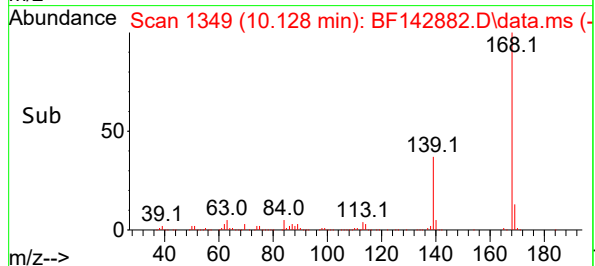
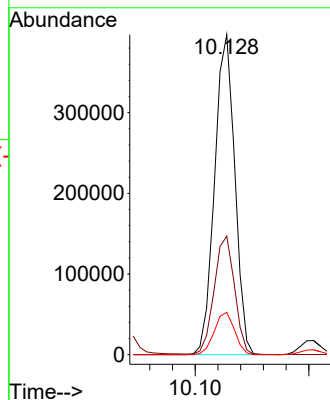
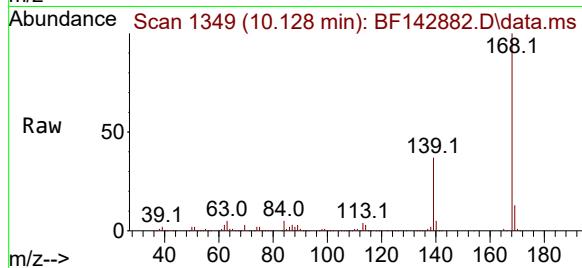
Tgt Ion:168 Resp: 489849

Ion Ratio Lower Upper

168 100

139 37.1 30.2 45.4

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 40.238 ng

RT: 10.034 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

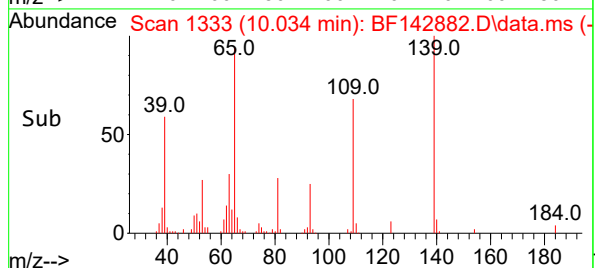
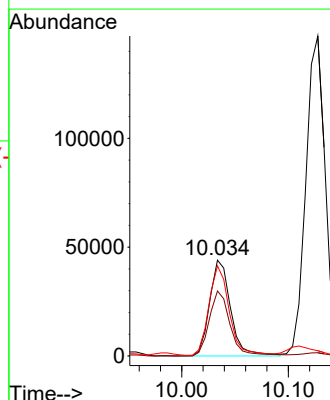
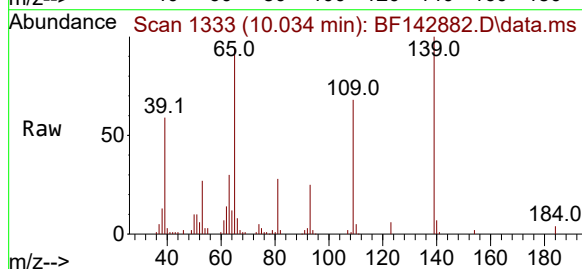
Tgt Ion:139 Resp: 60360

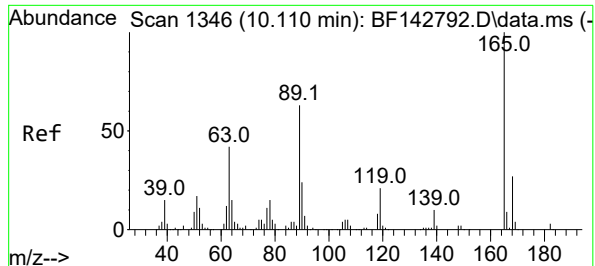
Ion Ratio Lower Upper

139 100

109 67.8 44.7 84.7

65 94.0 69.8 109.8

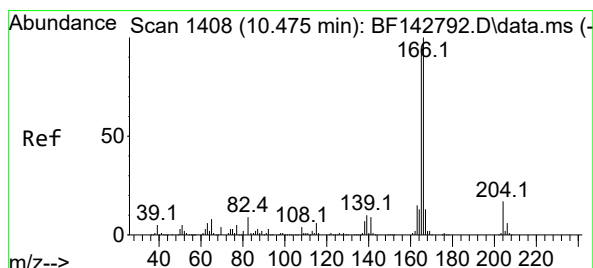
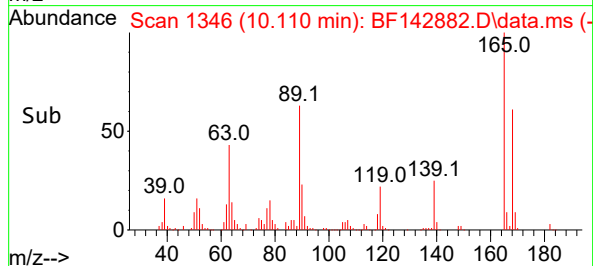
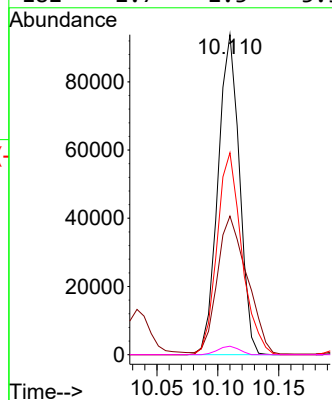
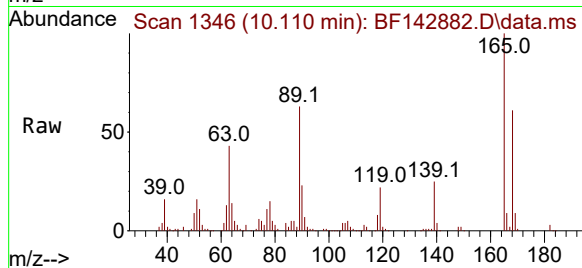




#57
2,4-Dinitrotoluene
Concen: 43.469 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

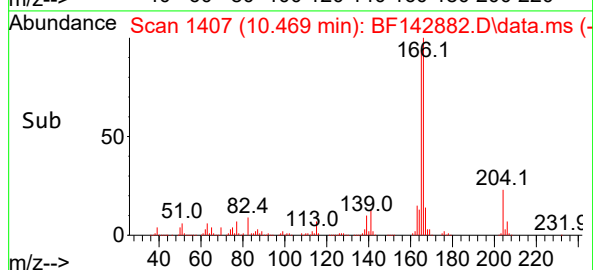
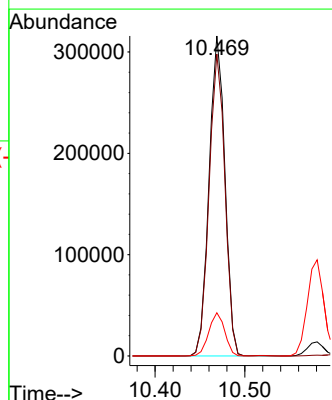
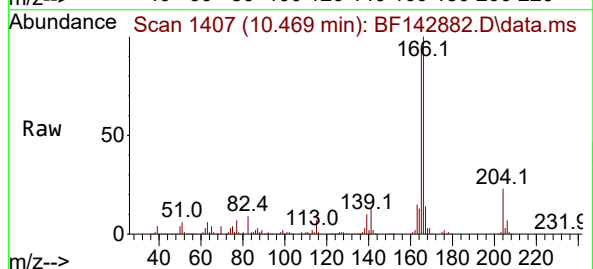
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

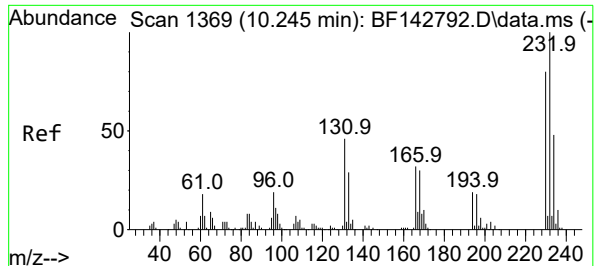
Tgt Ion:165 Resp: 114910
Ion Ratio Lower Upper
165 100
63 43.3 33.9 50.9
89 63.1 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 41.470 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:166 Resp: 387127
Ion Ratio Lower Upper
166 100
165 94.3 75.2 112.8
167 13.5 10.6 15.8

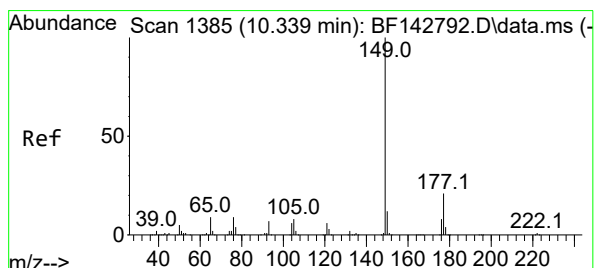
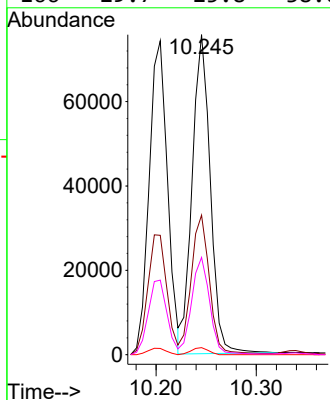
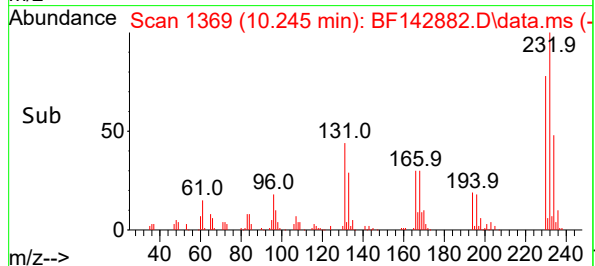
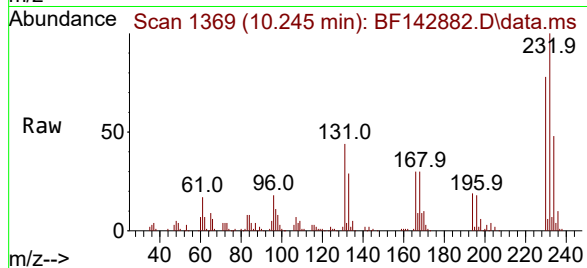




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.633 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

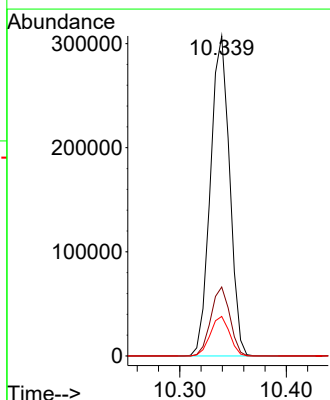
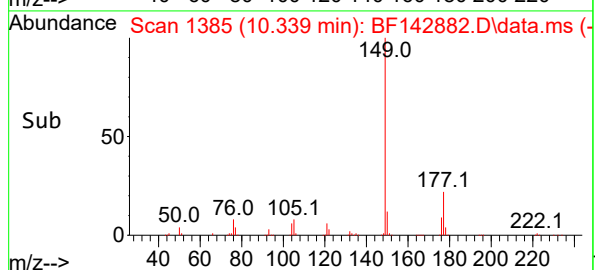
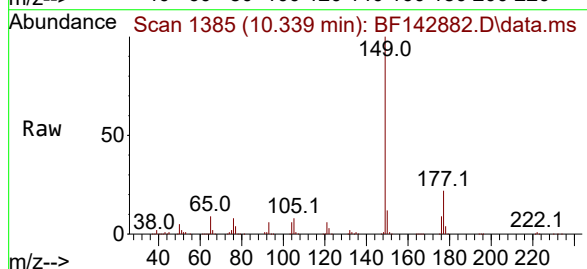
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

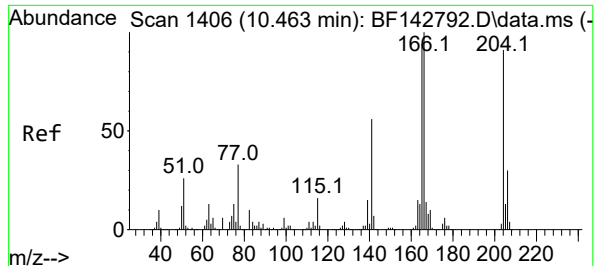
Tgt Ion:232 Resp: 95093
Ion Ratio Lower Upper
232 100
131 44.7 37.6 56.4
130 2.1 1.7 2.5
166 29.7 25.8 38.6



#60
Diethylphthalate
Concen: 43.114 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:149 Resp: 383081
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 12.3 9.8 14.6

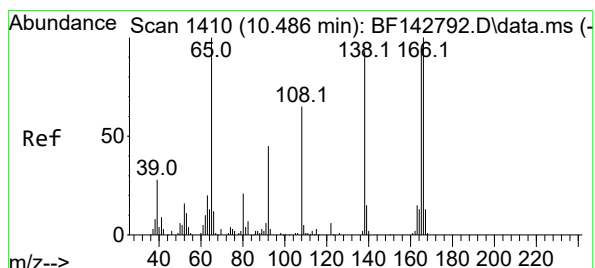
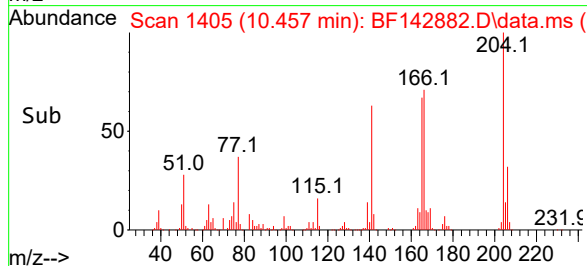
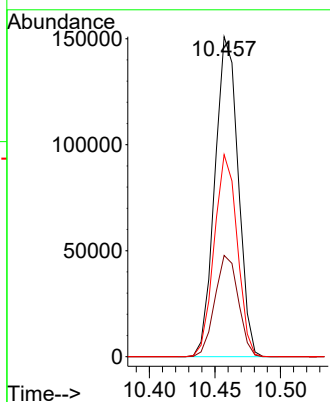
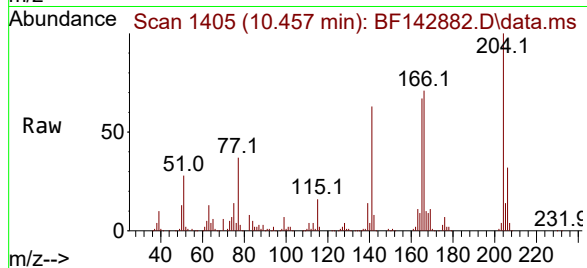




#61
4-Chlorophenyl-phenylether
Concen: 41.853 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

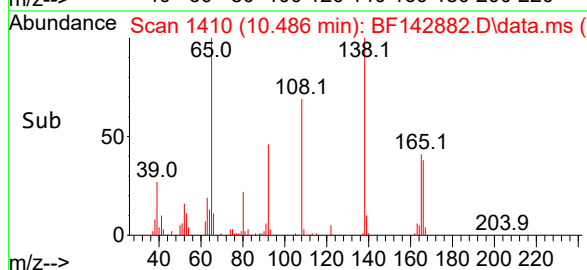
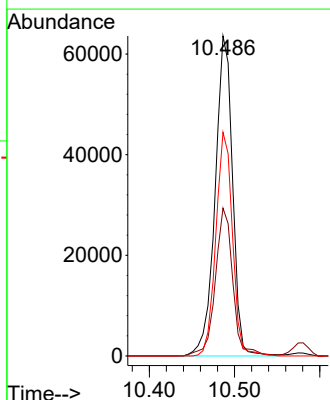
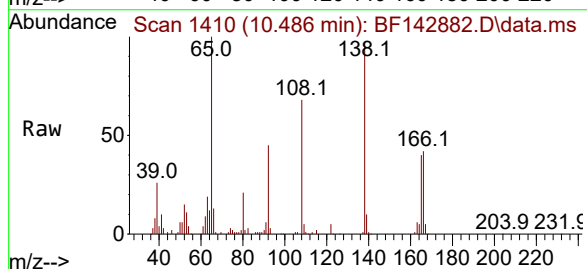
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

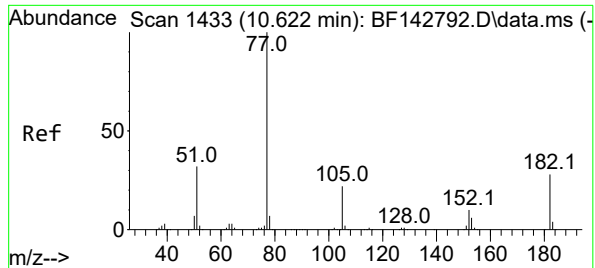
Tgt Ion:204 Resp: 186438
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 63.2 49.1 73.7



#62
4-Nitroaniline
Concen: 45.151 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:138 Resp: 90481
Ion Ratio Lower Upper
138 100
92 46.2 28.4 68.4
108 69.9 50.2 90.2

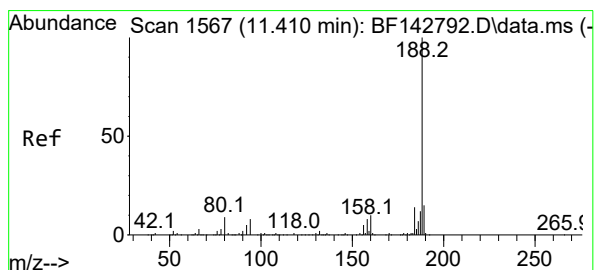
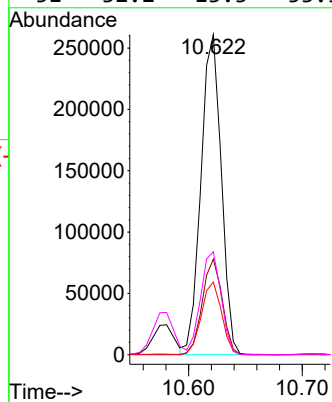
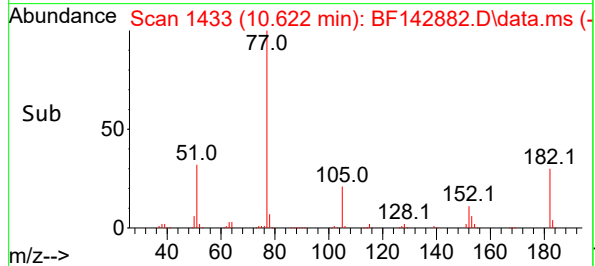
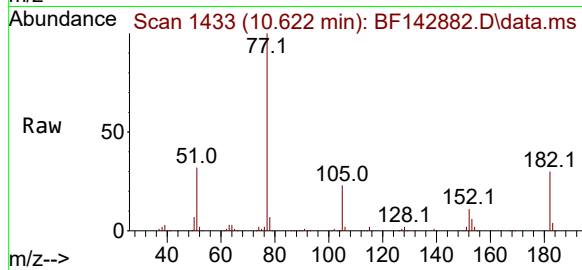




#63
Azobenzene
Concen: 40.890 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

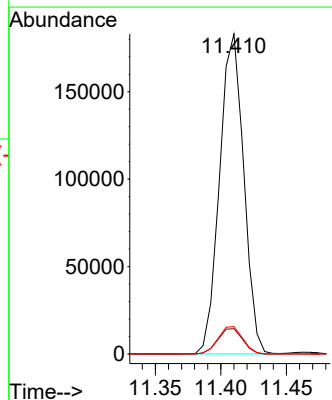
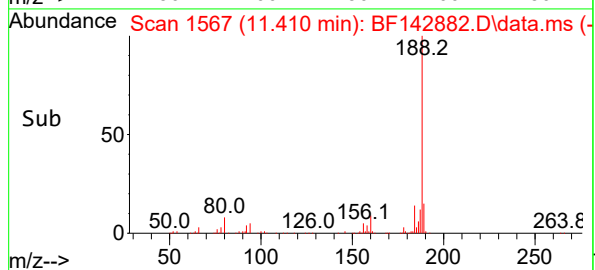
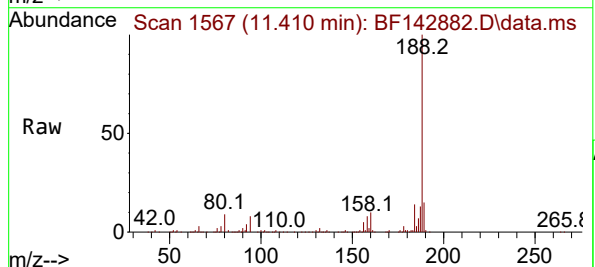
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

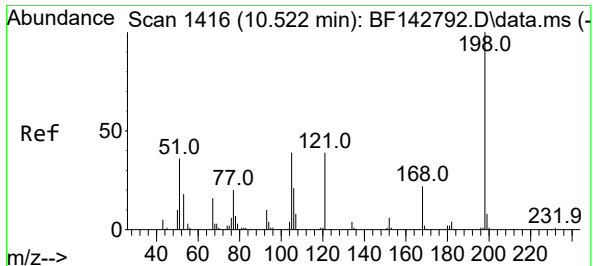
Tgt Ion: 77 Resp: 324727
Ion Ratio Lower Upper
77 100
182 29.8 7.7 47.7
105 22.7 1.9 41.9
51 32.2 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion: 188 Resp: 234291
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.6 6.9 10.3

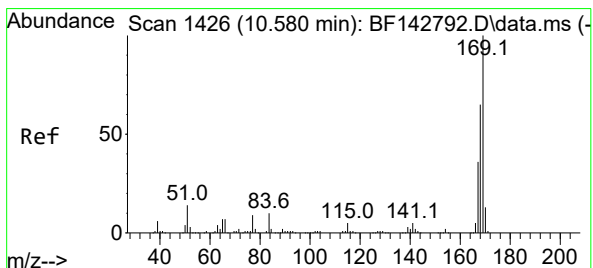
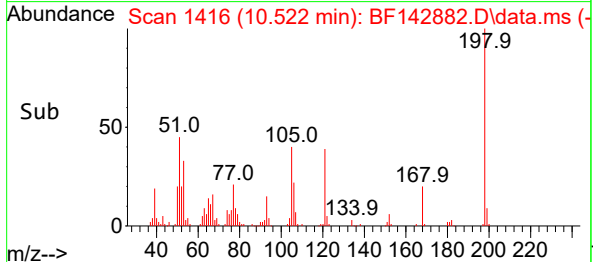
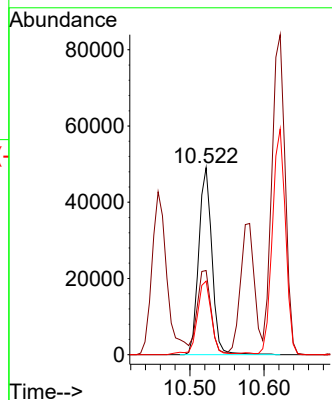
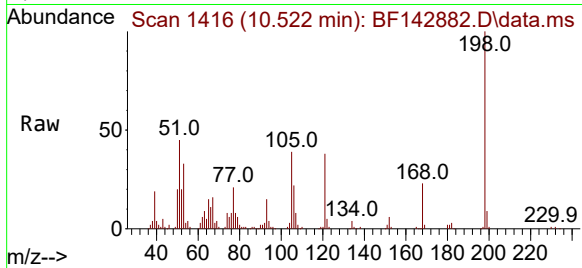




#65
4,6-Dinitro-2-methylphenol
Concen: 42.988 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

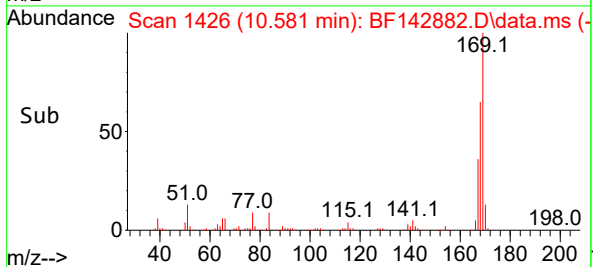
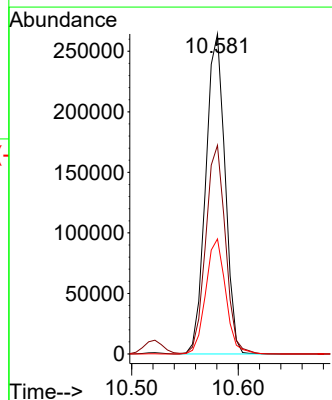
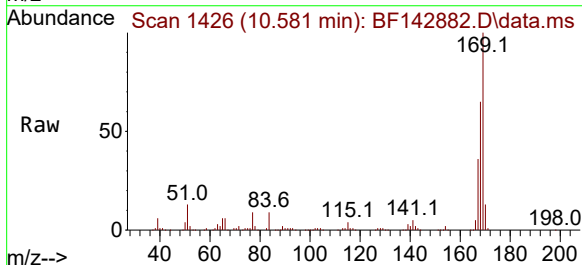
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

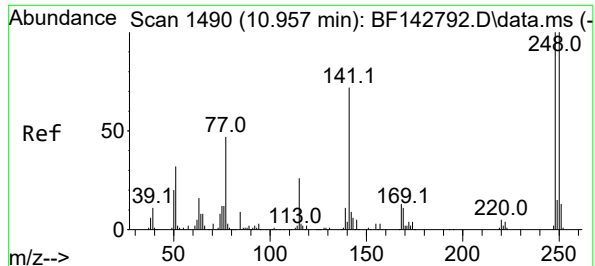
Tgt Ion:198 Resp: 60921
Ion Ratio Lower Upper
198 100
51 44.9 25.4 65.4
105 39.4 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 40.929 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:169 Resp: 332341
Ion Ratio Lower Upper
169 100
168 65.2 51.9 77.9
167 35.9 28.5 42.7

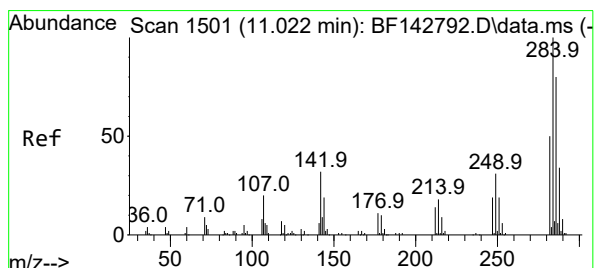
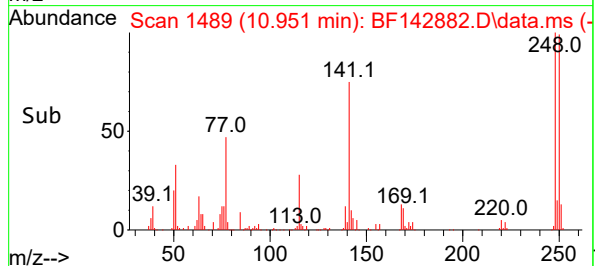
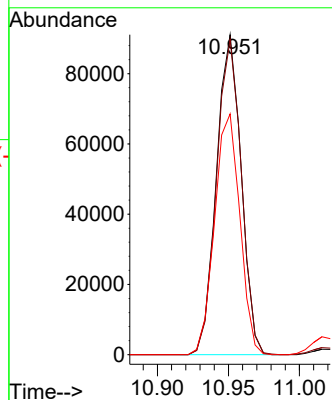
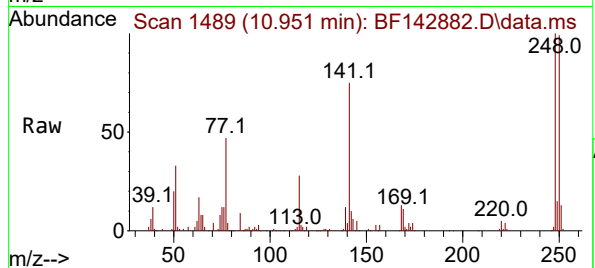




#67
4-Bromophenyl-phenylether
Concen: 41.431 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

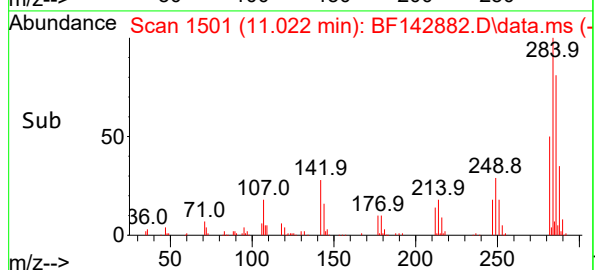
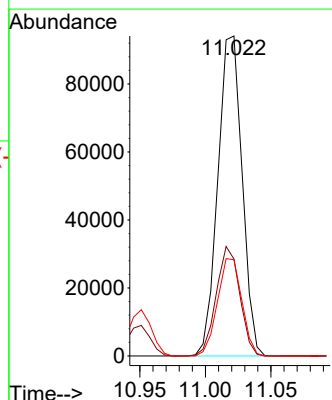
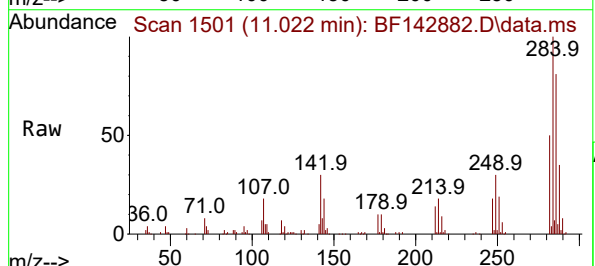
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

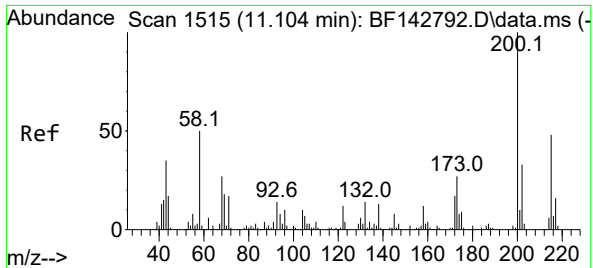
Tgt Ion:248 Resp: 110475
Ion Ratio Lower Upper
248 100
250 98.6 79.8 119.8
141 75.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 40.826 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:284 Resp: 120962
Ion Ratio Lower Upper
284 100
142 30.3 25.5 38.3
249 30.1 24.9 37.3





#69

Atrazine

Concen: 45.621 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

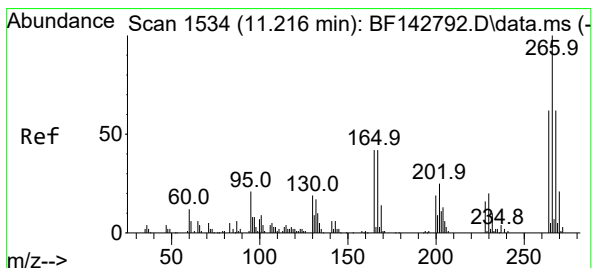
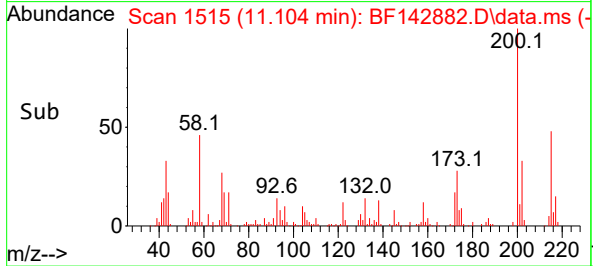
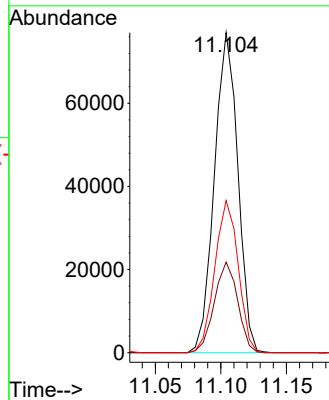
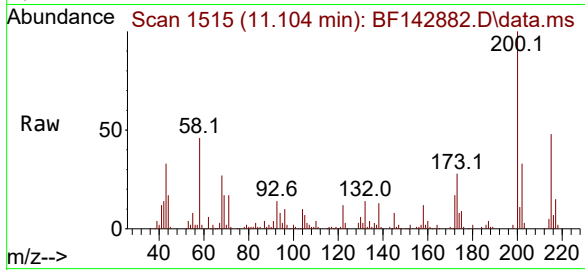
Tgt Ion:200 Resp: 95659

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

215 47.6 28.4 68.4



#70

Pentachlorophenol

Concen: 39.862 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

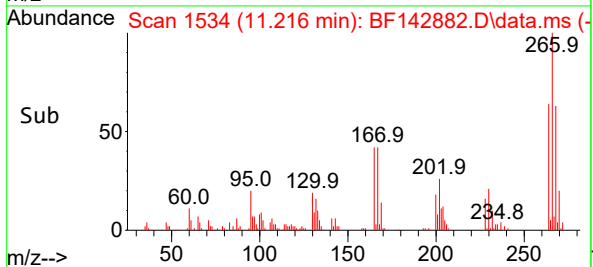
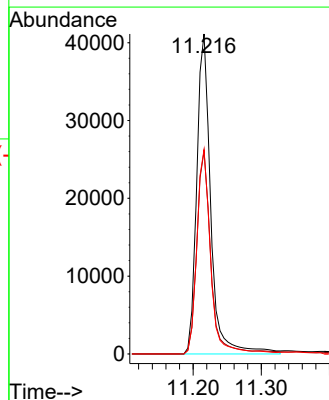
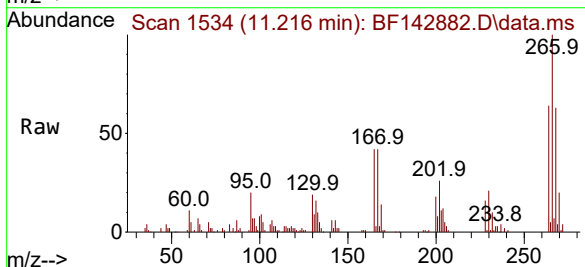
Tgt Ion:266 Resp: 58852

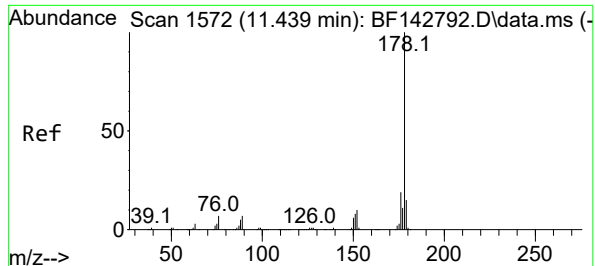
Ion Ratio Lower Upper

266 100

268 63.4 49.8 74.8

264 63.8 49.9 74.9





#71

Phenanthrene

Concen: 40.792 ng

RT: 11.433 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

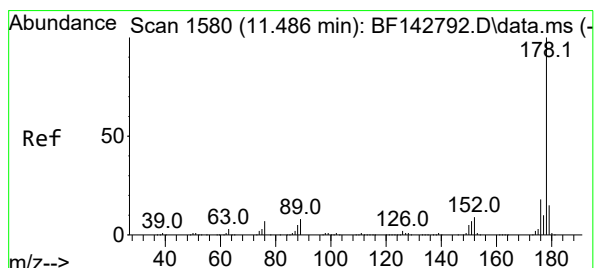
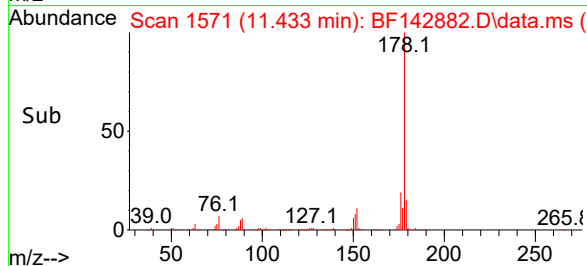
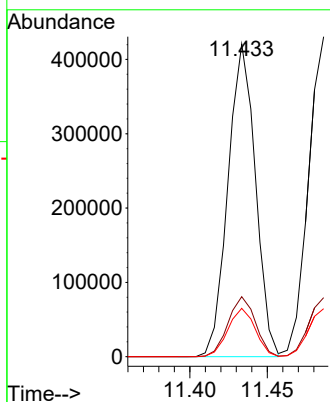
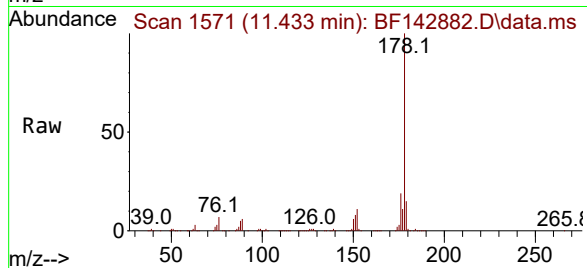
Tgt Ion:178 Resp: 517710

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.5 12.0 18.0



#72

Anthracene

Concen: 40.904 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

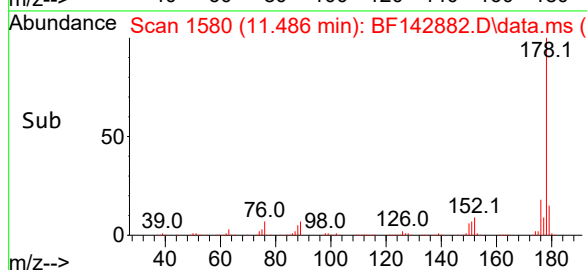
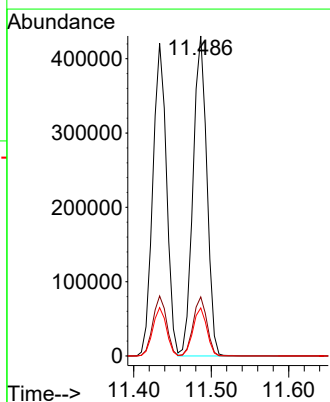
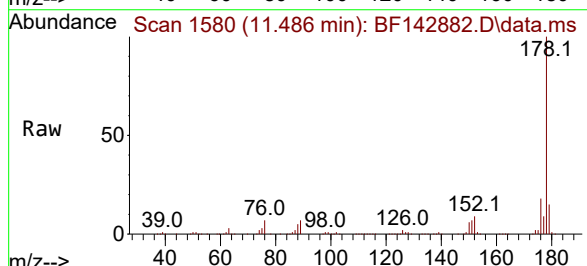
Tgt Ion:178 Resp: 532425

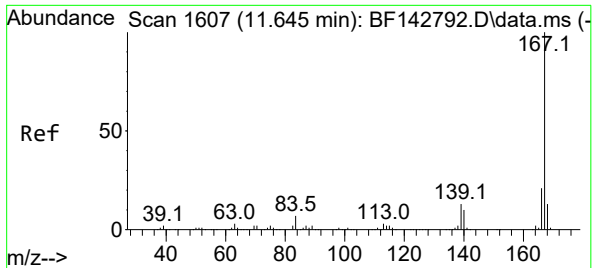
Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

179 15.0 12.4 18.6

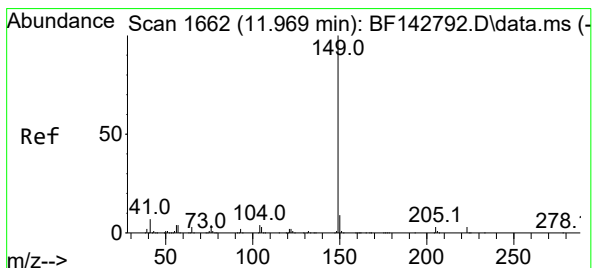
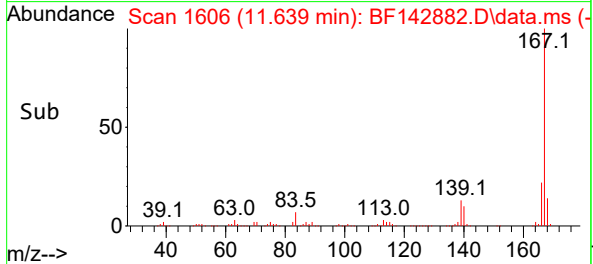
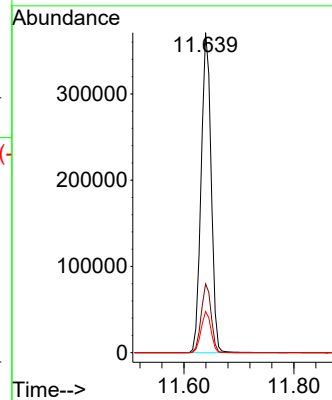
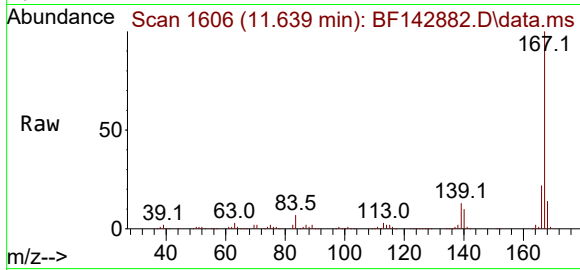




#73
Carbazole
Concen: 41.819 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

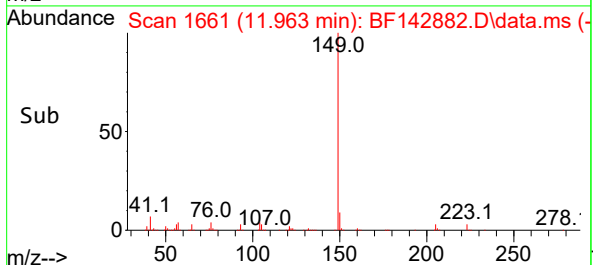
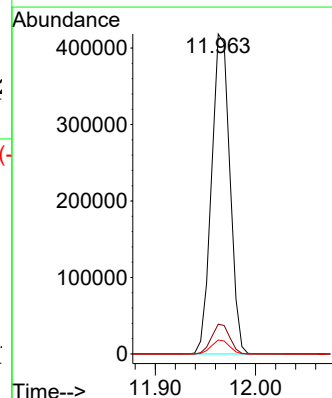
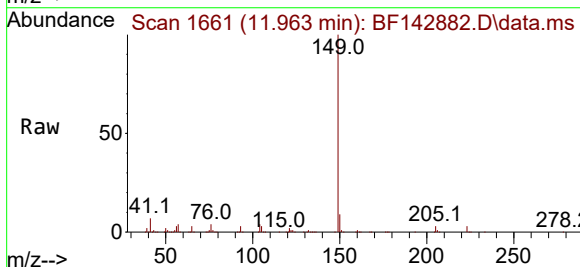
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

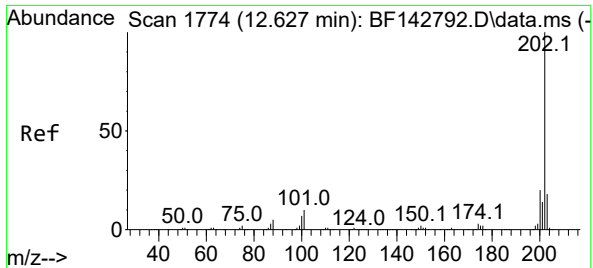
Tgt Ion:167 Resp: 469739
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.4
139 12.9 10.2 15.2



#74
Di-n-butylphthalate
Concen: 45.490 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:149 Resp: 532302
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.3 3.5 5.3

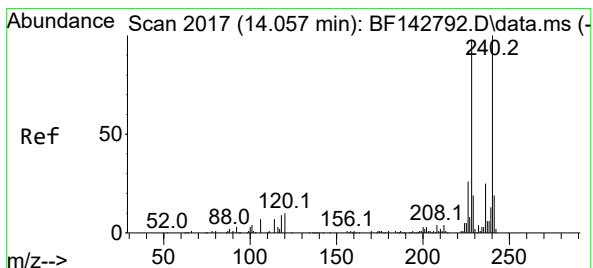
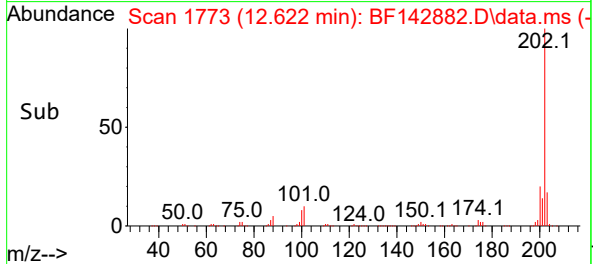
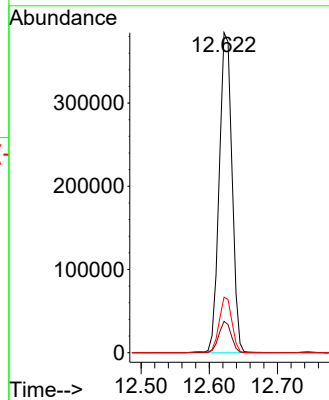
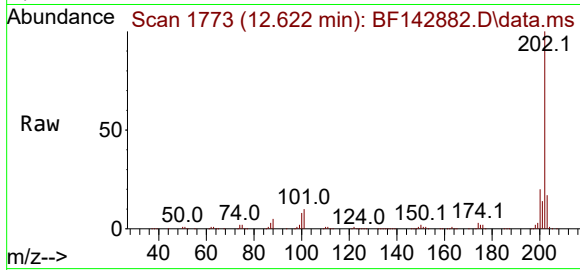




#75
Fluoranthene
Concen: 41.814 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

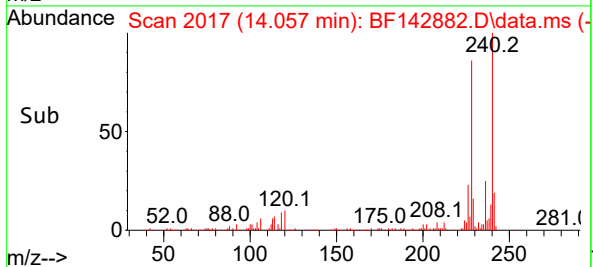
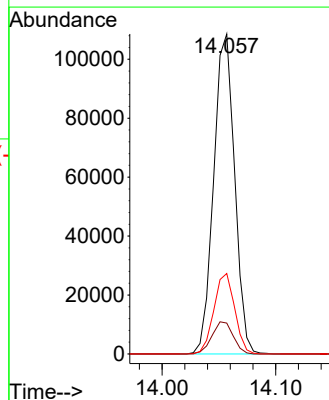
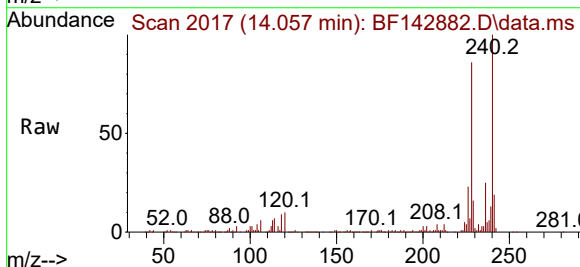
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

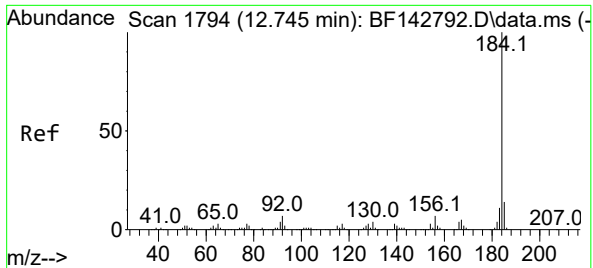
Tgt Ion:202 Resp: 503645
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:240 Resp: 139168
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 25.2 19.8 29.8

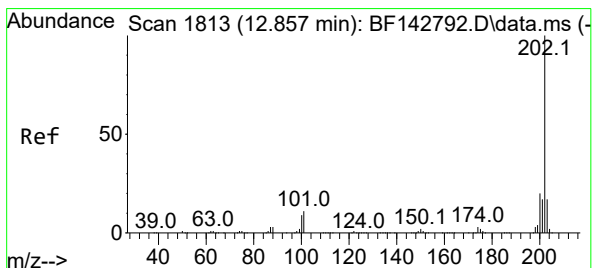
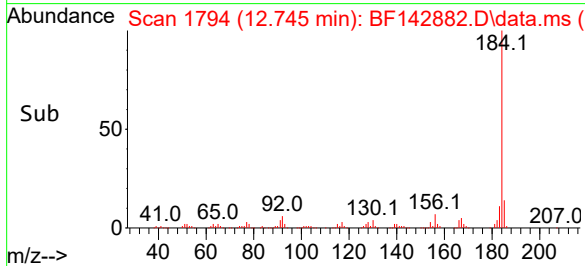
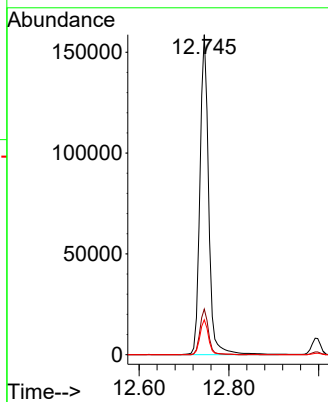
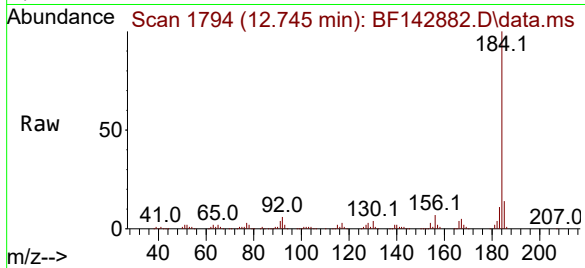




#77
Benzidine
Concen: 40.907 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

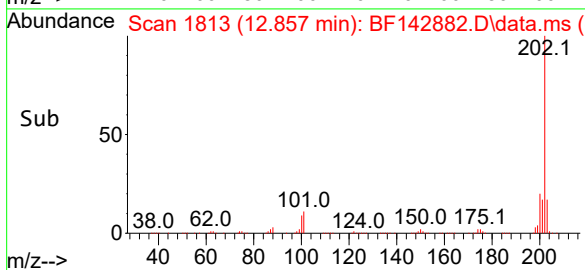
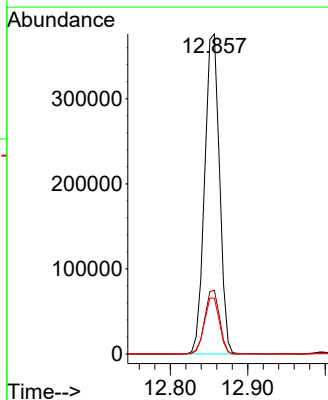
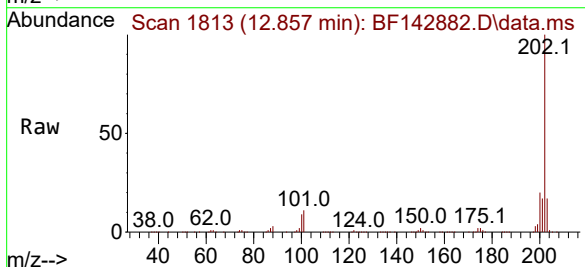
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

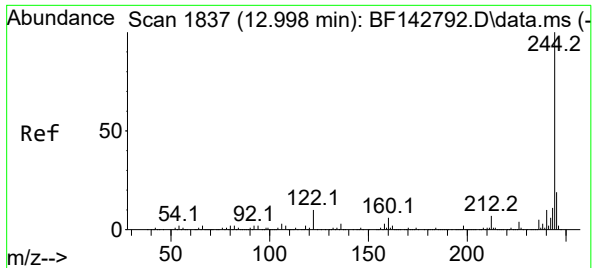
Tgt Ion:184 Resp: 213892
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 10.9 9.0 13.4



#78
Pyrene
Concen: 38.396 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:202 Resp: 500872
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 86.486 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

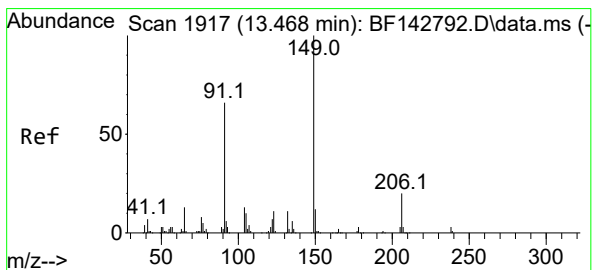
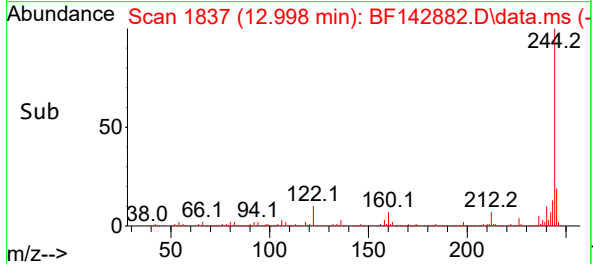
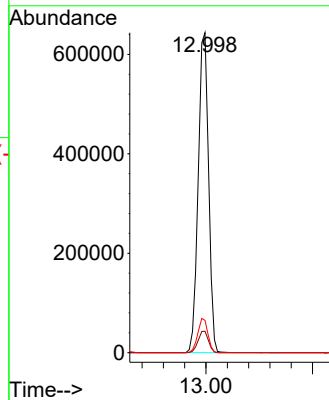
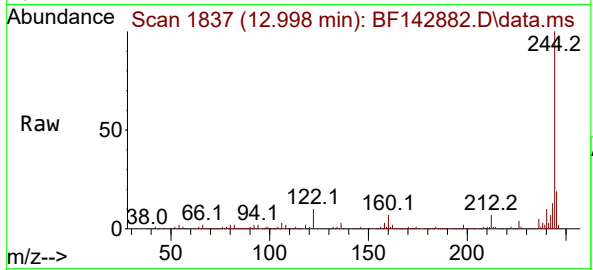
Tgt Ion:244 Resp: 871106

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 45.642 ng

RT: 13.469 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

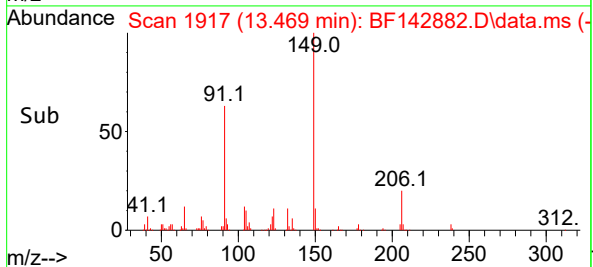
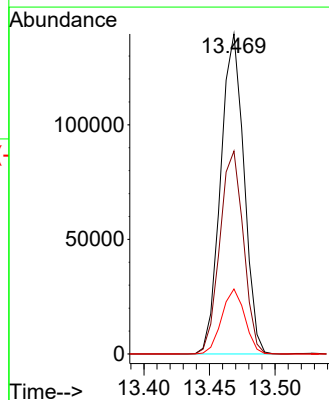
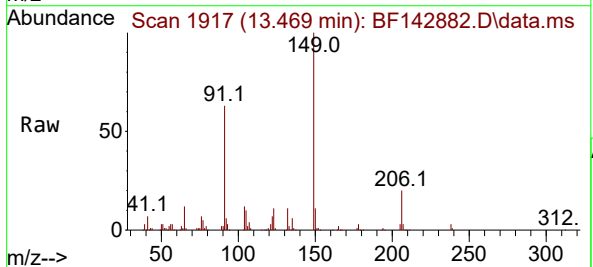
Tgt Ion:149 Resp: 172705

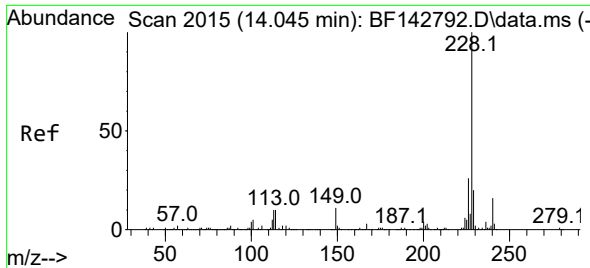
Ion Ratio Lower Upper

149 100

91 63.4 52.9 79.3

206 20.3 16.3 24.5

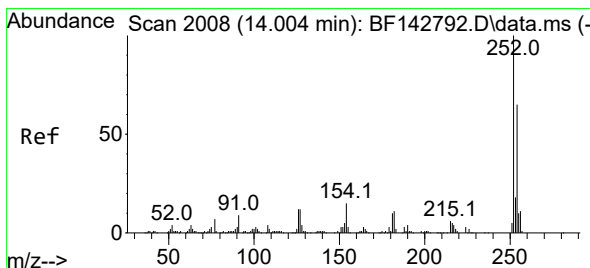
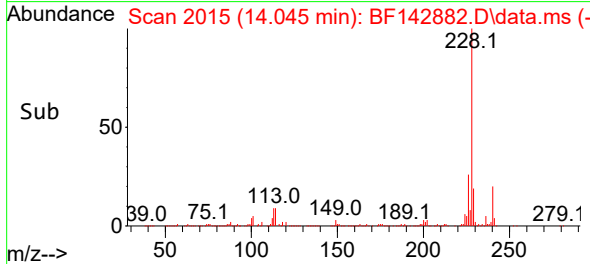
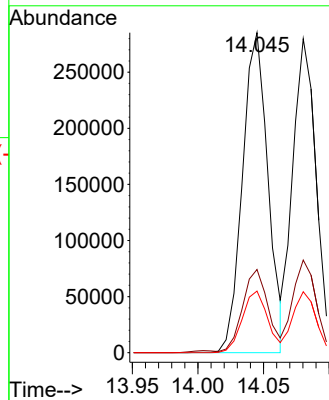
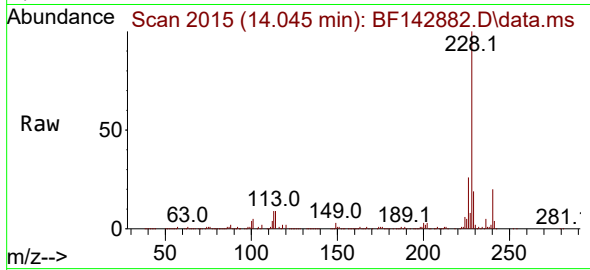




#81
Benzo(a)anthracene
Concen: 41.213 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

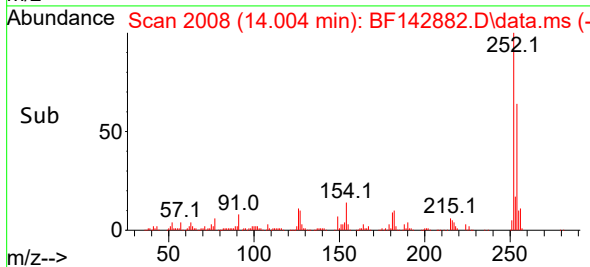
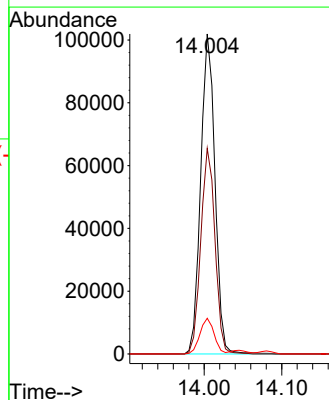
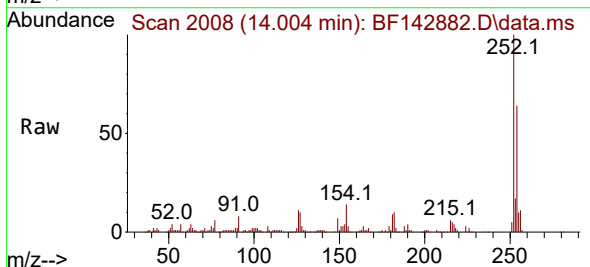
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

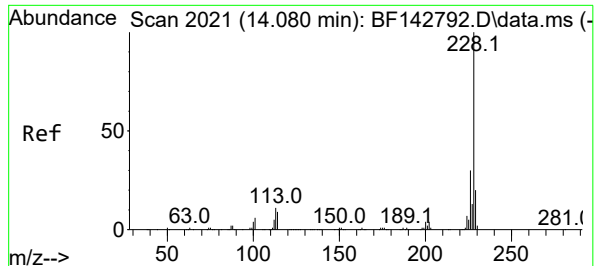
Tgt Ion:228 Resp: 386926
Ion Ratio Lower Upper
228 100
226 26.0 21.2 31.8
229 19.3 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 42.779 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:252 Resp: 130270
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 11.2 9.4 14.2





#83

Chrysene

Concen: 41.058 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

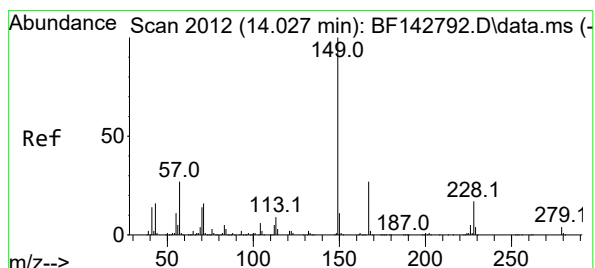
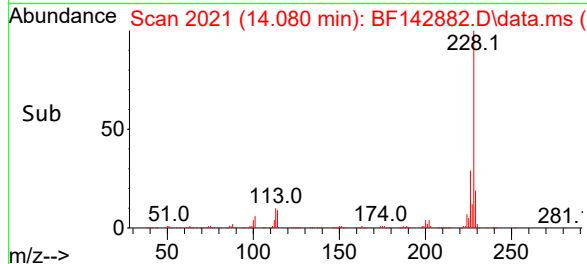
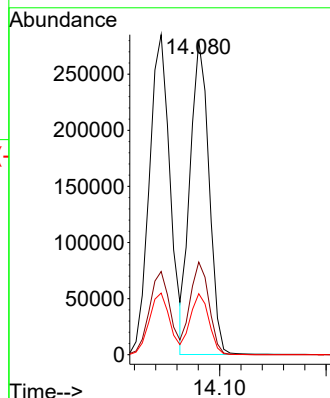
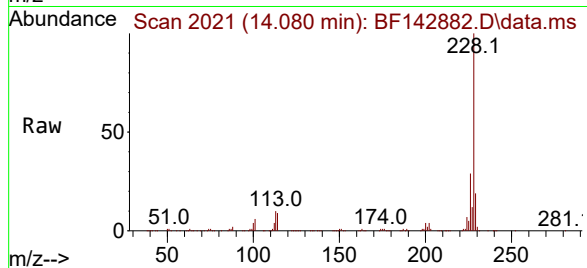
Tgt Ion:228 Resp: 343961

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: 45.007 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

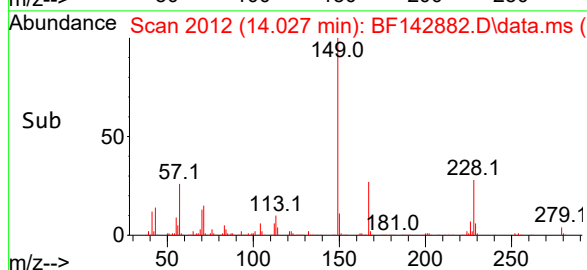
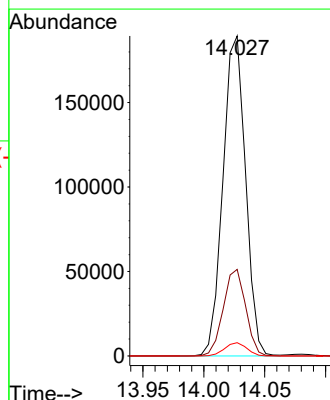
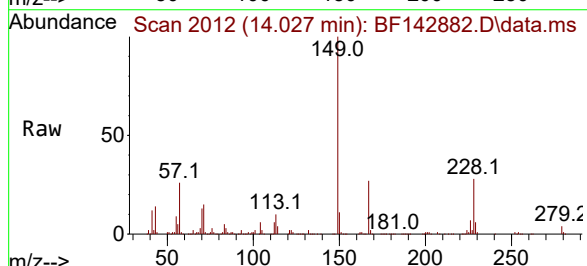
Tgt Ion:149 Resp: 245032

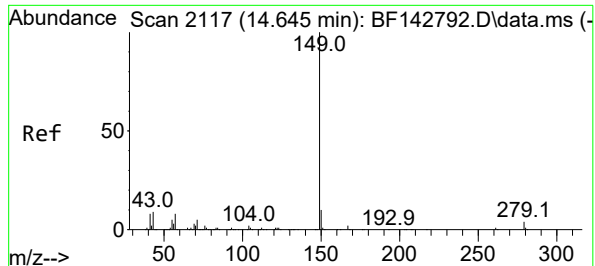
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.794 ng

RT: 14.639 min Scan# 2117

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

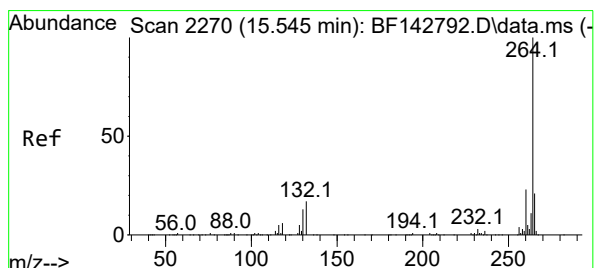
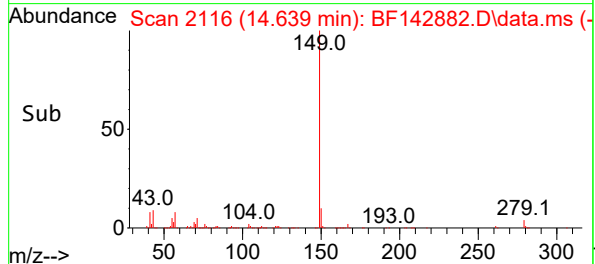
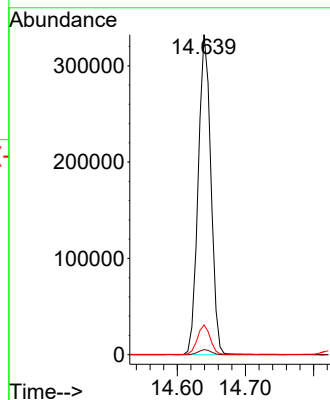
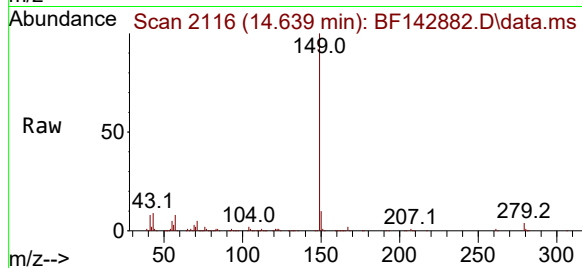
Tgt Ion:149 Resp: 429047

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: BF142882.D

Acq: 27 Jun 2025 09:51

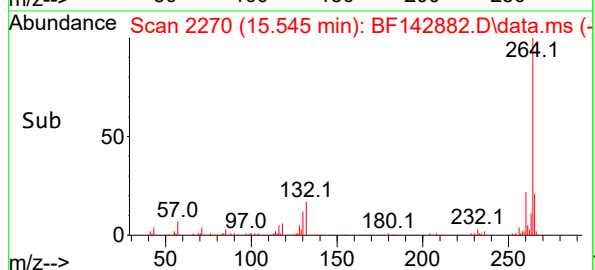
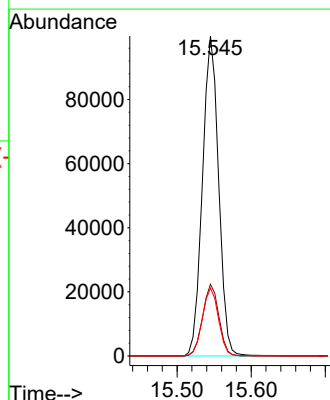
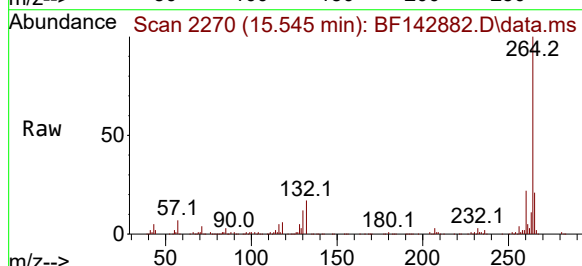
Tgt Ion:264 Resp: 151209

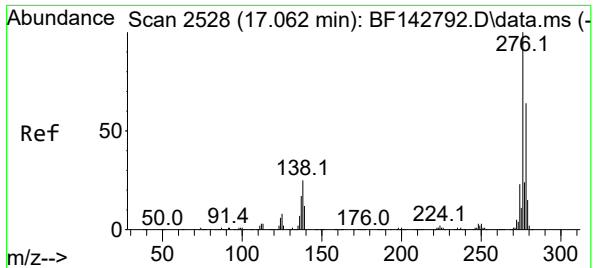
Ion Ratio Lower Upper

264 100

260 22.4 18.1 27.1

265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.579 ng

RT: 17.063 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

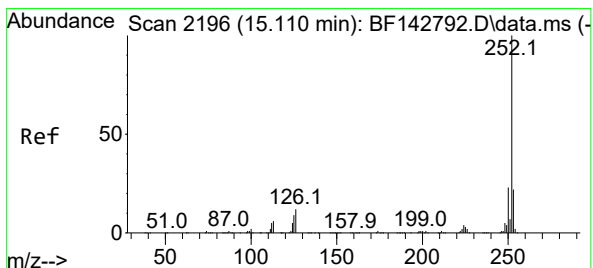
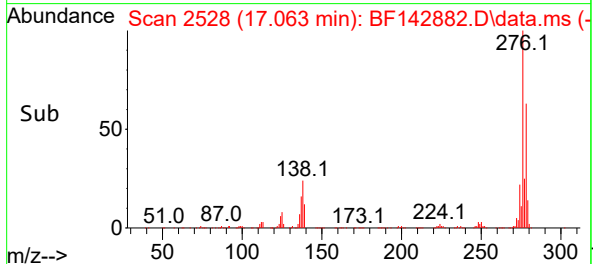
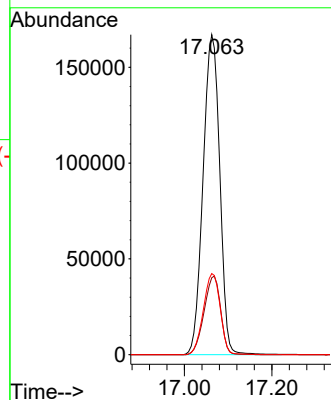
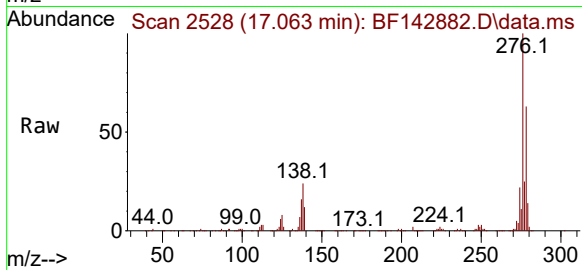
Tgt Ion:276 Resp: 444330

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.4

277 25.6 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 42.174 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

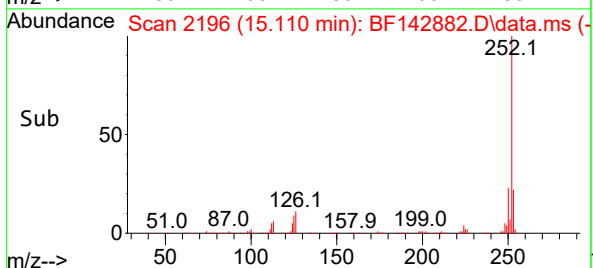
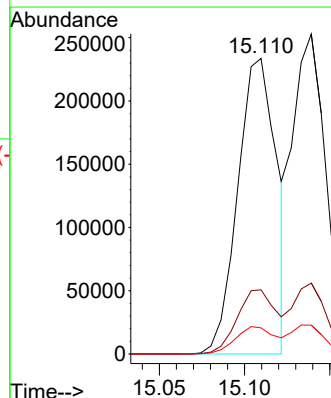
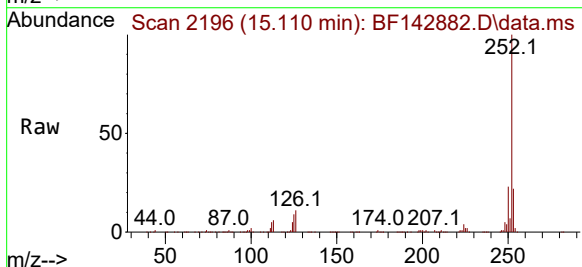
Tgt Ion:252 Resp: 369007

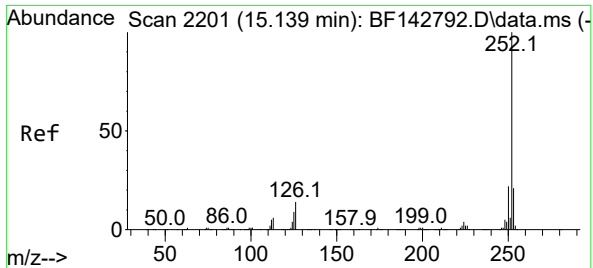
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 42.185 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

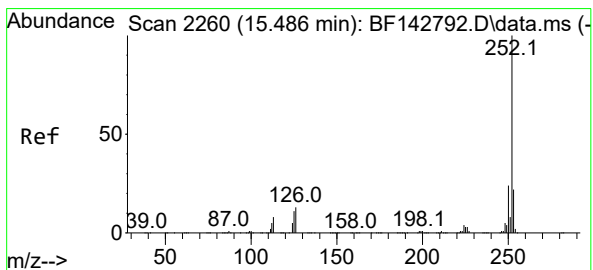
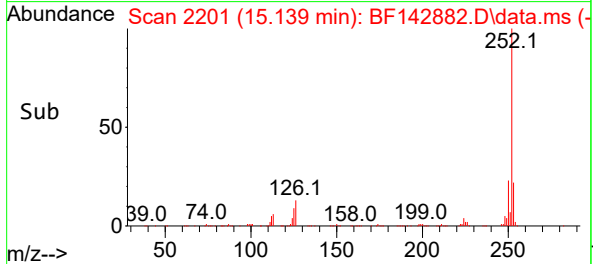
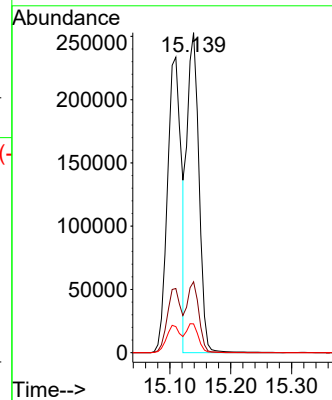
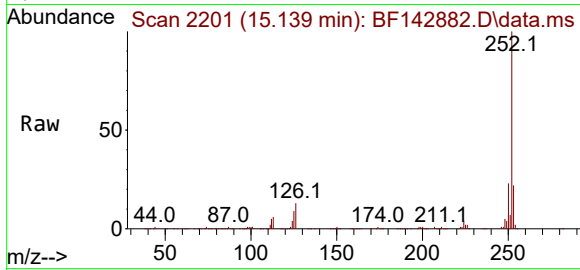
Tgt Ion:252 Resp: 345320

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.840 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

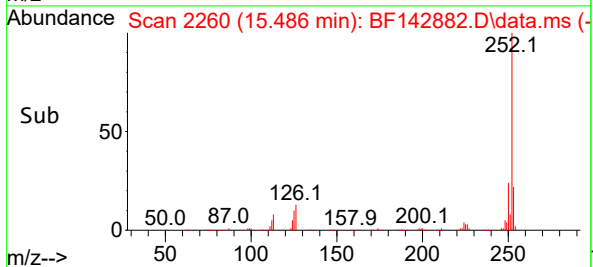
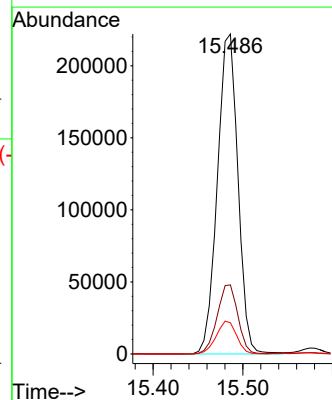
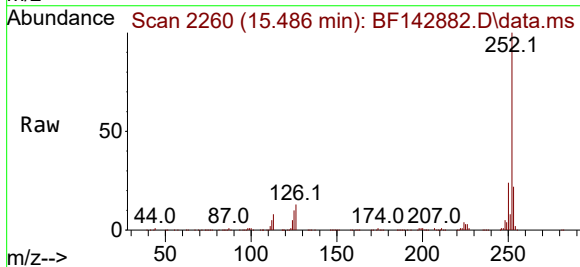
Tgt Ion:252 Resp: 353665

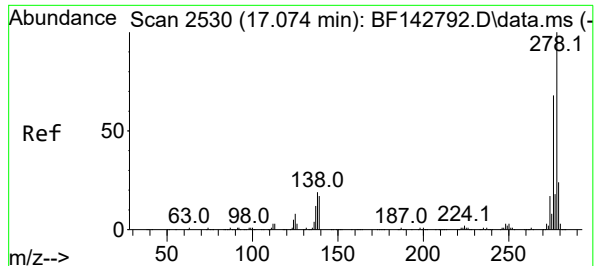
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.8 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 38.714 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

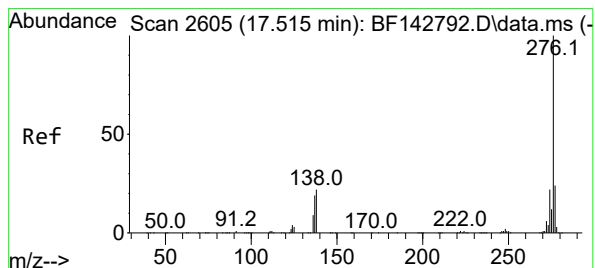
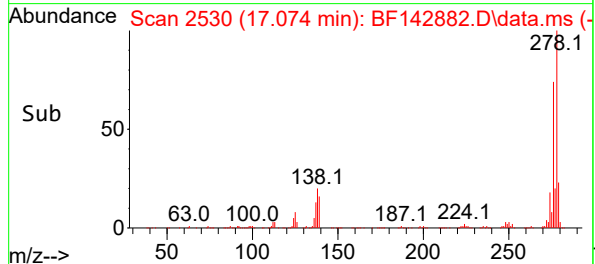
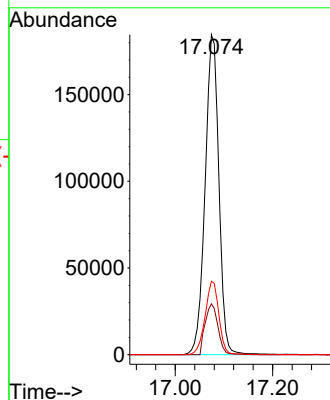
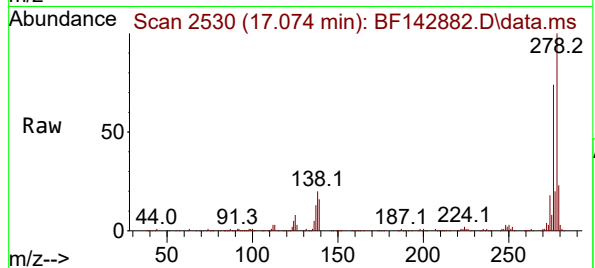
Tgt Ion:278 Resp: 362287

Ion Ratio Lower Upper

278 100

139 15.9 13.5 20.3

279 23.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 38.341 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

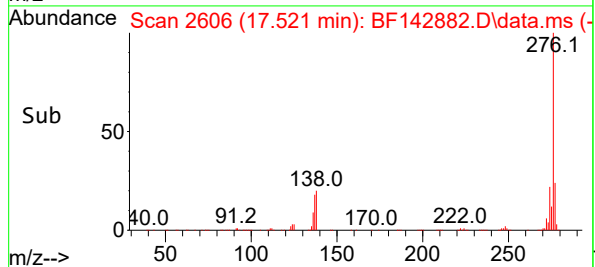
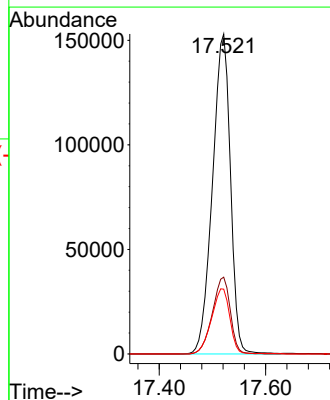
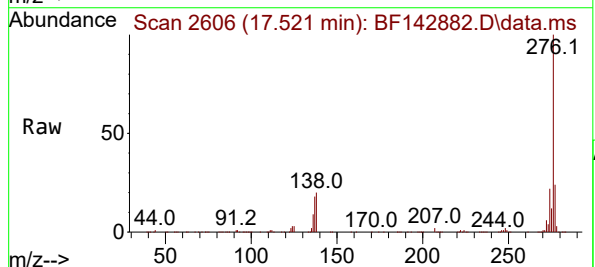
Tgt Ion:276 Resp: 357781

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 20.2 17.6 26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142882.D
 Acq On : 27 Jun 2025 09:51
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 27 11:46:40 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	84	0.00
2	1,4-Dioxane	0.480	0.483	-0.6	88	-0.01
3	Pyridine	1.205	1.219	-1.2	88	0.00
4	n-Nitrosodimethylamine	0.623	0.629	-1.0	89	0.00
5 S	2-Fluorophenol	1.201	1.268	-5.6	93	0.00
6	Aniline	1.886	1.959	-3.9	91	0.00
7 S	Phenol-d6	1.417	1.473	-4.0	93	0.00
8	2-Chlorophenol	1.296	1.373	-5.9	93	0.00
9	Benzaldehyde	0.841	0.751	10.7	84	0.00
10 C	Phenol	1.575	1.619	-2.8	90	0.00
11	bis(2-Chloroethyl)ether	1.126	1.162	-3.2	91	0.00
12	1,3-Dichlorobenzene	1.449	1.511	-4.3	92	0.00
13 C	1,4-Dichlorobenzene	1.462	1.563	-6.9	93	0.00
14	1,2-Dichlorobenzene	1.387	1.457	-5.0	92	0.00
15	Benzyl Alcohol	1.025	1.081	-5.5	93	0.00
16	2,2'-oxybis(1-Chloropropane	1.809	1.791	1.0	88	0.00
17	2-Methylphenol	0.982	1.026	-4.5	92	0.00
18	Hexachloroethane	0.511	0.545	-6.7	92	0.00
19 P	n-Nitroso-di-n-propylamine	0.824	0.862	-4.6	92	0.00
20	3+4-Methylphenols	1.224	1.279	-4.5	92	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	84	0.00
22	Acetophenone	0.441	0.458	-3.9	92	0.00
23 S	Nitrobenzene-d5	0.365	0.451	-23.6	108	0.00
24	Nitrobenzene	0.330	0.342	-3.6	90	0.00
25	Isophorone	0.585	0.610	-4.3	93	0.00
26 C	2-Nitrophenol	0.180	0.196	-8.9	93	0.00
27	2,4-Dimethylphenol	0.311	0.329	-5.8	93	0.00
28	bis(2-Chloroethoxy)methane	0.372	0.388	-4.3	92	0.00
29 C	2,4-Dichlorophenol	0.282	0.296	-5.0	91	0.00
30	1,2,4-Trichlorobenzene	0.310	0.322	-3.9	91	0.00
31	Naphthalene	0.979	1.021	-4.3	92	0.00
32	Benzoic acid	0.159	0.168	-5.7	90	0.00
33	4-Chloroaniline	0.398	0.419	-5.3	94	0.00
34 C	Hexachlorobutadiene	0.190	0.197	-3.7	90	0.00
35	Caprolactam	0.075	0.086	-14.7	101	0.00
36 C	4-Chloro-3-methylphenol	0.281	0.297	-5.7	93	0.00
37	2-Methylnaphthalene	0.607	0.630	-3.8	92	0.00
38	1-Methylnaphthalene	0.628	0.657	-4.6	93	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	86	0.00
40	1,2,4,5-Tetrachlorobenzene	0.590	0.606	-2.7	94	0.00
41 P	Hexachlorocyclopentadiene	0.335	0.307	8.4	79	0.00
42 S	2,4,6-Tribromophenol	0.206	0.217	-5.3	94	0.00
43 C	2,4,6-Trichlorophenol	0.385	0.393	-2.1	93	0.00
44	2,4,5-Trichlorophenol	0.405	0.419	-3.5	93	0.00
45 S	2-Fluorobiphenyl	1.522	1.783	-17.1	108	0.00
46	1,1'-Biphenyl	1.580	1.619	-2.5	93	0.00
47	2-Chloronaphthalene	1.186	1.205	-1.6	92	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142882.D
 Acq On : 27 Jun 2025 09:51
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 27 11:46:40 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	0.350	-5.4	93	0.00
49	Acenaphthylene	1.952	2.007	-2.8	93	0.00
50	Dimethylphthalate	1.295	1.378	-6.4	97	0.00
51	2,6-Dinitrotoluene	0.284	0.300	-5.6	93	0.00
52 C	Acenaphthene	1.191	1.235	-3.7	94	0.00
53	3-Nitroaniline	0.313	0.334	-6.7	95	0.00
54 P	2,4-Dinitrophenol	0.142	0.145	-2.1	88	0.00
55	Dibenzofuran	1.708	1.749	-2.4	93	0.00
56 P	4-Nitrophenol	0.214	0.216	-0.9	90	0.00
57	2,4-Dinitrotoluene	0.378	0.410	-8.5	97	0.00
58	Fluorene	1.334	1.383	-3.7	95	0.00
59	2,3,4,6-Tetrachlorophenol	0.326	0.340	-4.3	94	0.00
60	Diethylphthalate	1.269	1.368	-7.8	98	0.00
61	4-Chlorophenyl-phenylether	0.636	0.666	-4.7	96	0.00
62	4-Nitroaniline	0.286	0.323	-12.9	103	0.00
63	Azobenzene	1.134	1.160	-2.3	93	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65	4,6-Dinitro-2-methylphenol	0.121	0.130	-7.4	97	0.00
66 c	n-Nitrosodiphenylamine	0.693	0.709	-2.3	94	0.00
67	4-Bromophenyl-phenylether	0.228	0.236	-3.5	96	0.00
68	Hexachlorobenzene	0.253	0.258	-2.0	95	0.00
69	Atrazine	0.179	0.204	-14.0	105	0.00
70 C	Pentachlorophenol	0.126	0.126	0.0	89	0.00
71	Phenanthrene	1.083	1.105	-2.0	95	0.00
72	Anthracene	1.111	1.136	-2.3	95	0.00
73	Carbazole	0.959	1.002	-4.5	99	0.00
74	Di-n-butylphthalate	0.999	1.136	-13.7	107	0.00
75 C	Fluoranthene	1.028	1.075	-4.6	100	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	98	0.00
77	Benzydine	0.751	0.768	-2.3	97	0.00
78	Pyrene	1.875	1.800	4.0	101	0.00
79 S	Terphenyl-d14	1.447	1.565	-8.2	115	0.00
80	Butylbenzylphthalate	0.544	0.620	-14.0	111	0.00
81	Benzo(a)anthracene	1.349	1.390	-3.0	107	0.00
82	3,3'-Dichlorobenzidine	0.438	0.468	-6.8	107	0.00
83	Chrysene	1.204	1.236	-2.7	104	0.00
84	Bis(2-ethylhexyl)phthalate	0.782	0.880	-12.5	107	0.00
85 c	Di-n-octyl phthalate	1.475	1.541	-4.5	103	0.00
86 I	Perylene-d12	1.000	1.000	0.0	89	0.00
87	Indeno(1,2,3-cd)pyrene	1.523	1.469	3.5	89	0.00
88	Benzo(b)fluoranthene	1.157	1.220	-5.4	101	0.00
89	Benzo(k)fluoranthene	1.083	1.142	-5.4	98	0.00
90 C	Benzo(a)pyrene	1.118	1.169	-4.6	97	0.00
91	Dibenzo(a,h)anthracene	1.238	1.198	3.2	90	0.00
92	Benzo(g,h,i)perylene	1.234	1.183	4.1	88	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142882.D
Acq On : 27 Jun 2025 09:51
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 27 11:46:40 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\BF062725\
 Data File : BF142882.D
 Acq On : 27 Jun 2025 09:51
 Operator : RC/JU
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Quant Time: Jun 27 11:46:40 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	84	0.00
2	1,4-Dioxane	40.000	40.186	-0.5	88	-0.01
3	Pyridine	40.000	40.487	-1.2	88	0.00
4	n-Nitrosodimethylamine	40.000	40.420	-1.1	89	0.00
5 S	2-Fluorophenol	80.000	84.443	-5.6	93	0.00
6	Aniline	40.000	41.552	-3.9	91	0.00
7 S	Phenol-d6	80.000	83.149	-3.9	93	0.00
8	2-Chlorophenol	40.000	42.392	-6.0	93	0.00
9	Benzaldehyde	40.000	35.722	10.7	84	0.00
10 C	Phenol	40.000	41.099	-2.7	90	0.00
11	bis(2-Chloroethyl)ether	40.000	41.264	-3.2	91	0.00
12	1,3-Dichlorobenzene	40.000	41.714	-4.3	92	0.00
13 C	1,4-Dichlorobenzene	40.000	42.749	-6.9	93	0.00
14	1,2-Dichlorobenzene	40.000	42.033	-5.1	92	0.00
15	Benzyl Alcohol	40.000	42.208	-5.5	93	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.605	1.0	88	0.00
17	2-Methylphenol	40.000	41.790	-4.5	92	0.00
18	Hexachloroethane	40.000	42.629	-6.6	92	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.849	-4.6	92	0.00
20	3+4-Methylphenols	40.000	41.797	-4.5	92	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	84	0.00
22	Acetophenone	40.000	41.515	-3.8	92	0.00
23 S	Nitrobenzene-d5	80.000	99.057	-23.8	108	0.00
24	Nitrobenzene	40.000	41.412	-3.5	90	0.00
25	Isophorone	40.000	41.696	-4.2	93	0.00
26 C	2-Nitrophenol	40.000	43.570	-8.9	93	0.00
27	2,4-Dimethylphenol	40.000	42.301	-5.8	93	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.746	-4.4	92	0.00
29 C	2,4-Dichlorophenol	40.000	41.895	-4.7	91	0.00
30	1,2,4-Trichlorobenzene	40.000	41.519	-3.8	91	0.00
31	Naphthalene	40.000	41.731	-4.3	92	0.00
32	Benzoic acid	40.000	42.249	-5.6	90	0.00
33	4-Chloroaniline	40.000	42.142	-5.4	94	0.00
34 C	Hexachlorobutadiene	40.000	41.536	-3.8	90	0.00
35	Caprolactam	40.000	46.097	-15.2	101	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.314	-5.8	93	0.00
37	2-Methylnaphthalene	40.000	41.521	-3.8	92	0.00
38	1-Methylnaphthalene	40.000	41.811	-4.5	93	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	86	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.104	-2.8	94	0.00
41 P	Hexachlorocyclopentadiene	40.000	36.646	8.4	79	0.00
42 S	2,4,6-Tribromophenol	80.000	84.497	-5.6	94	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.872	-2.2	93	0.00
44	2,4,5-Trichlorophenol	40.000	41.435	-3.6	93	0.00
45 S	2-Fluorobiphenyl	80.000	93.716	-17.1	108	0.00
46	1,1'-Biphenyl	40.000	40.991	-2.5	93	0.00
47	2-Chloronaphthalene	40.000	40.645	-1.6	92	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142882.D
 Acq On : 27 Jun 2025 09:51
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jun 27 11:46:40 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	42.158	-5.4	93	0.00
49	Acenaphthylene	40.000	41.130	-2.8	93	0.00
50	Dimethylphthalate	40.000	42.591	-6.5	97	0.00
51	2,6-Dinitrotoluene	40.000	42.169	-5.4	93	0.00
52 C	Acenaphthene	40.000	41.495	-3.7	94	0.00
53	3-Nitroaniline	40.000	42.653	-6.6	95	0.00
54 P	2,4-Dinitrophenol	40.000	40.800	-2.0	88	0.00
55	Dibenzofuran	40.000	40.981	-2.5	93	0.00
56 P	4-Nitrophenol	40.000	40.238	-0.6	90	0.00
57	2,4-Dinitrotoluene	40.000	43.469	-8.7	97	0.00
58	Fluorene	40.000	41.470	-3.7	95	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.633	-4.1	94	0.00
60	Diethylphthalate	40.000	43.114	-7.8	98	0.00
61	4-Chlorophenyl-phenylether	40.000	41.853	-4.6	96	0.00
62	4-Nitroaniline	40.000	45.151	-12.9	103	0.00
63	Azobenzene	40.000	40.890	-2.2	93	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	89	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.988	-7.5	97	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.929	-2.3	94	0.00
67	4-Bromophenyl-phenylether	40.000	41.431	-3.6	96	0.00
68	Hexachlorobenzene	40.000	40.826	-2.1	95	0.00
69	Atrazine	40.000	45.621	-14.1	105	0.00
70 C	Pentachlorophenol	40.000	39.862	0.3	89	0.00
71	Phenanthrene	40.000	40.792	-2.0	95	0.00
72	Anthracene	40.000	40.904	-2.3	95	0.00
73	Carbazole	40.000	41.819	-4.5	99	0.00
74	Di-n-butylphthalate	40.000	45.490	-13.7	107	0.00
75 C	Fluoranthene	40.000	41.814	-4.5	100	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	98	0.00
77	Benzydine	40.000	40.907	-2.3	97	0.00
78	Pyrene	40.000	38.396	4.0	101	0.00
79 S	Terphenyl-d14	80.000	86.486	-8.1	115	0.00
80	Butylbenzylphthalate	40.000	45.642	-14.1	111	0.00
81	Benzo(a)anthracene	40.000	41.213	-3.0	107	0.00
82	3,3'-Dichlorobenzidine	40.000	42.779	-6.9	107	0.00
83	Chrysene	40.000	41.058	-2.6	104	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	45.007	-12.5	107	0.00
85 c	Di-n-octyl phthalate	40.000	41.794	-4.5	103	0.00
86 I	Perylene-d12	20.000	20.000	0.0	89	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.579	3.6	89	0.00
88	Benzo(b)fluoranthene	40.000	42.174	-5.4	101	0.00
89	Benzo(k)fluoranthene	40.000	42.185	-5.5	98	0.00
90 C	Benzo(a)pyrene	40.000	41.840	-4.6	97	0.00
91	Dibenzo(a,h)anthracene	40.000	38.714	3.2	90	0.00
92	Benzo(g,h,i)perylene	40.000	38.341	4.1	88	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142882.D
Acq On : 27 Jun 2025 09:51
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 27 11:46:40 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



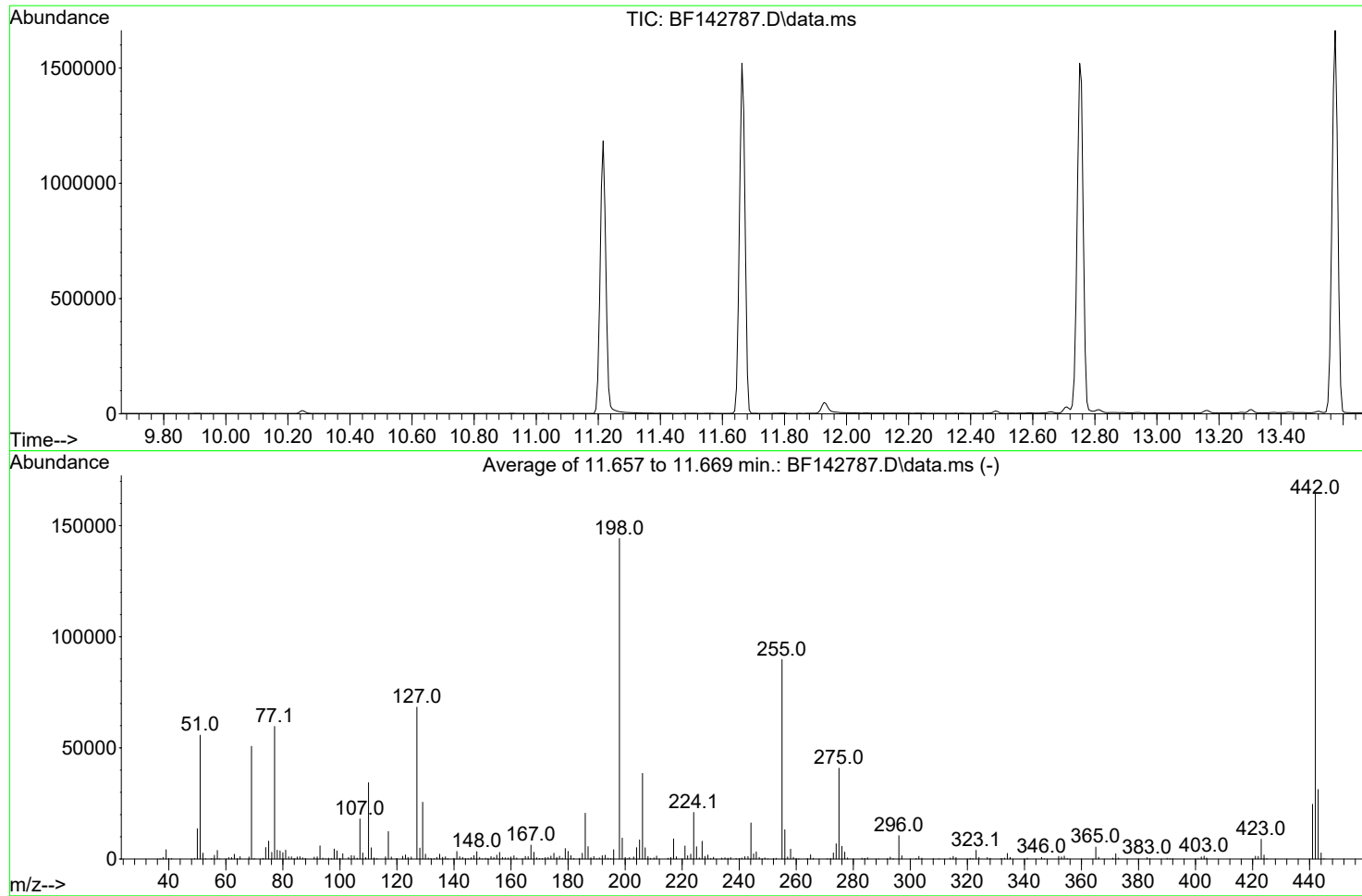
QC SAMPLE DATA

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

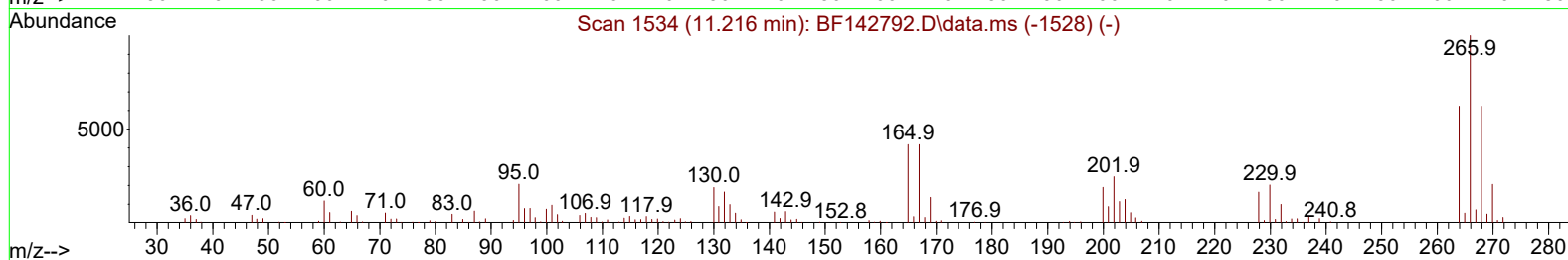
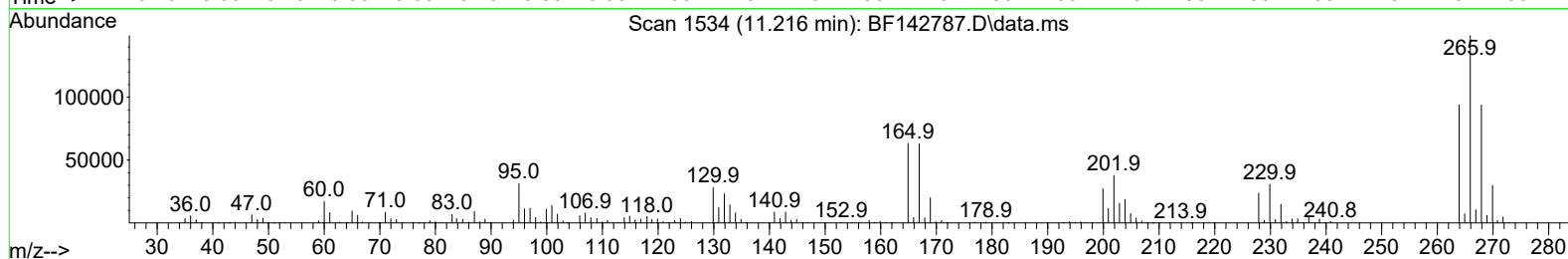
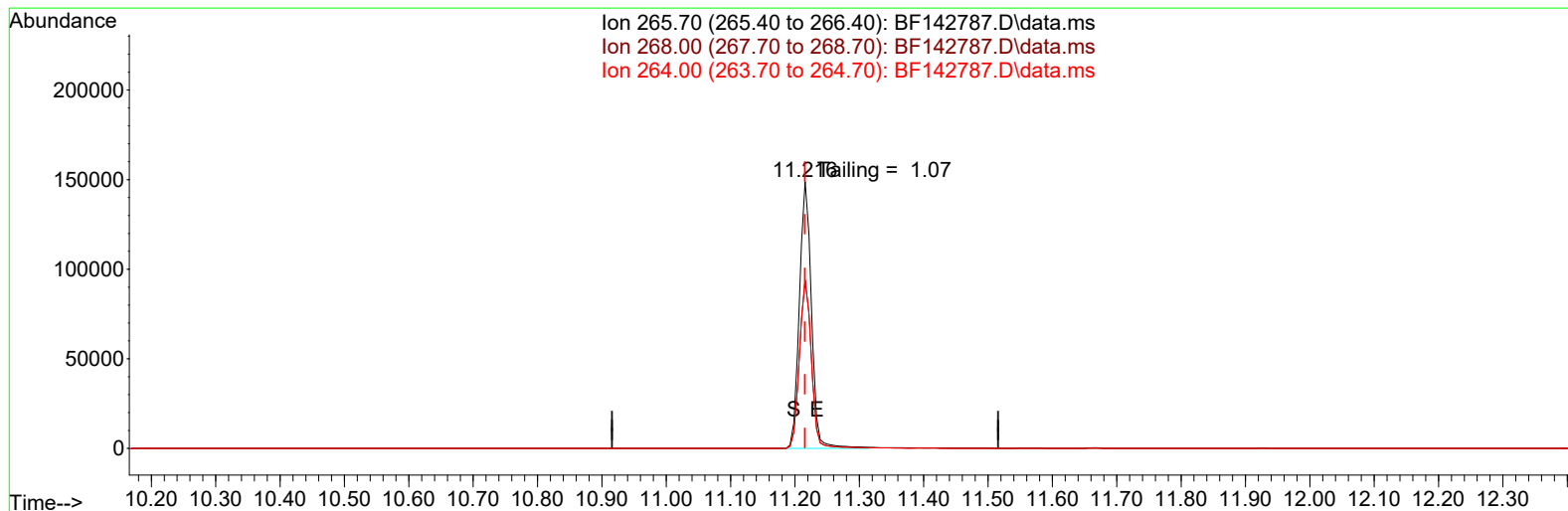
Date	Instrument Name	DFTPP Data File
6/19/2025	BNA_F	<u>BF142787.D</u>
Compound Name	Response	Retention Time
DDT	429715	13.574
DDD	7712	13.304
DDE	717	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
8429	438144	1.92

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

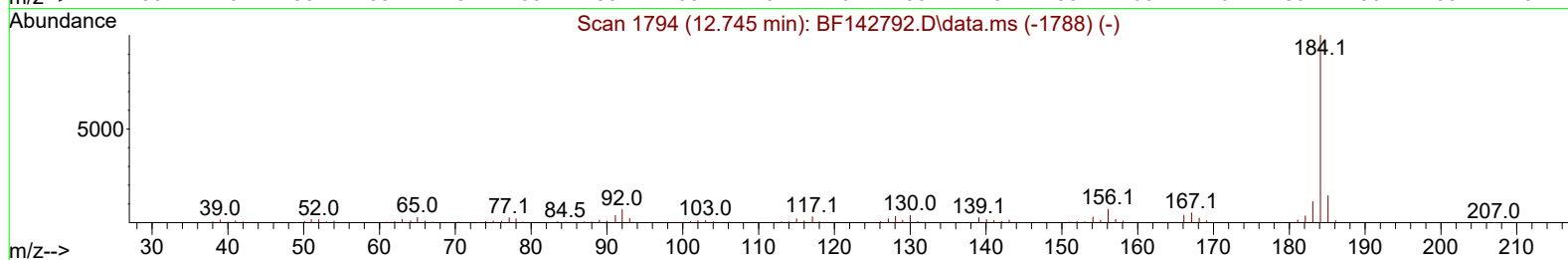
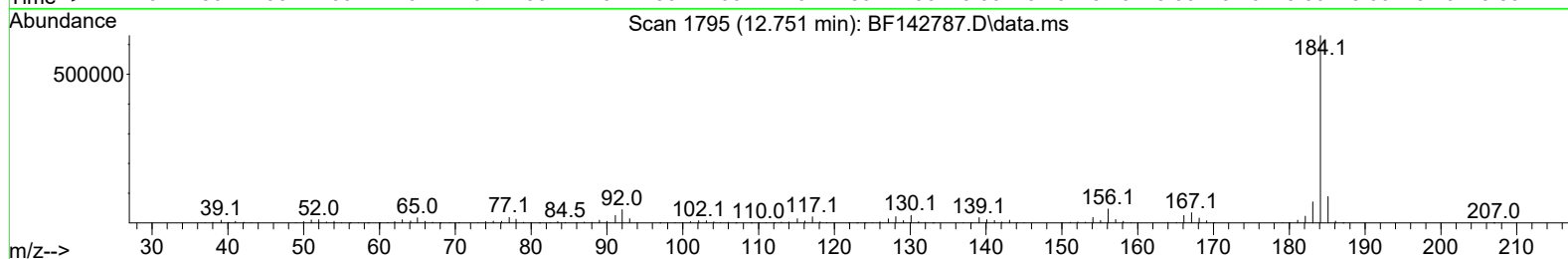
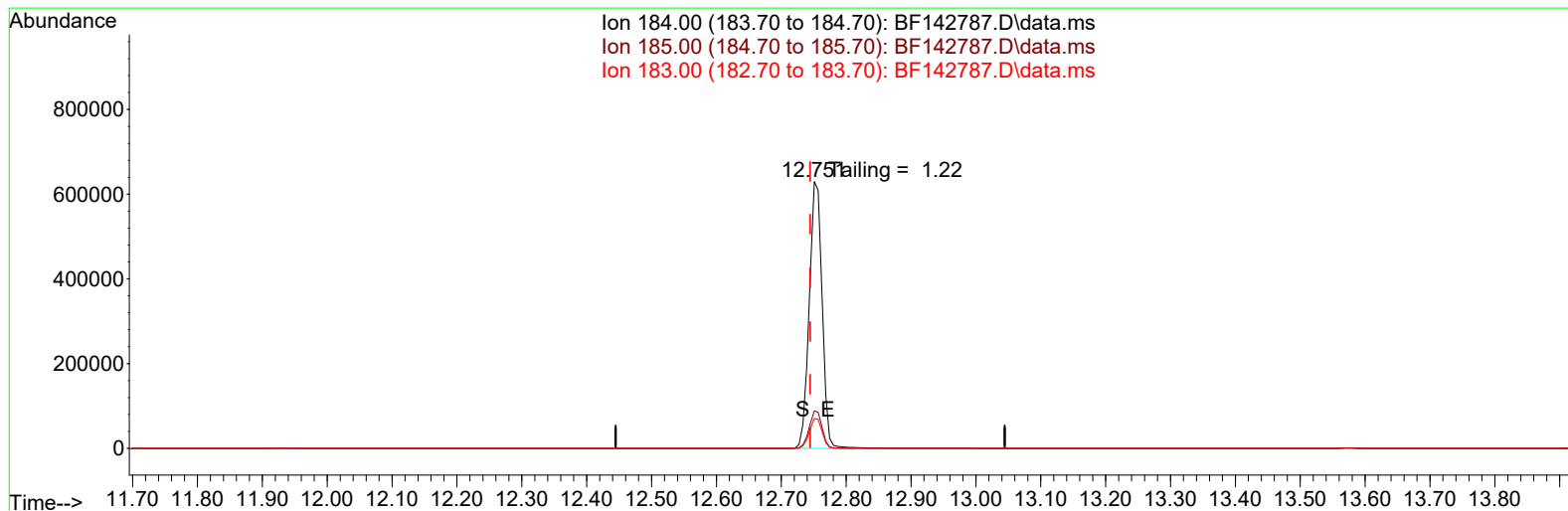
response 195787

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

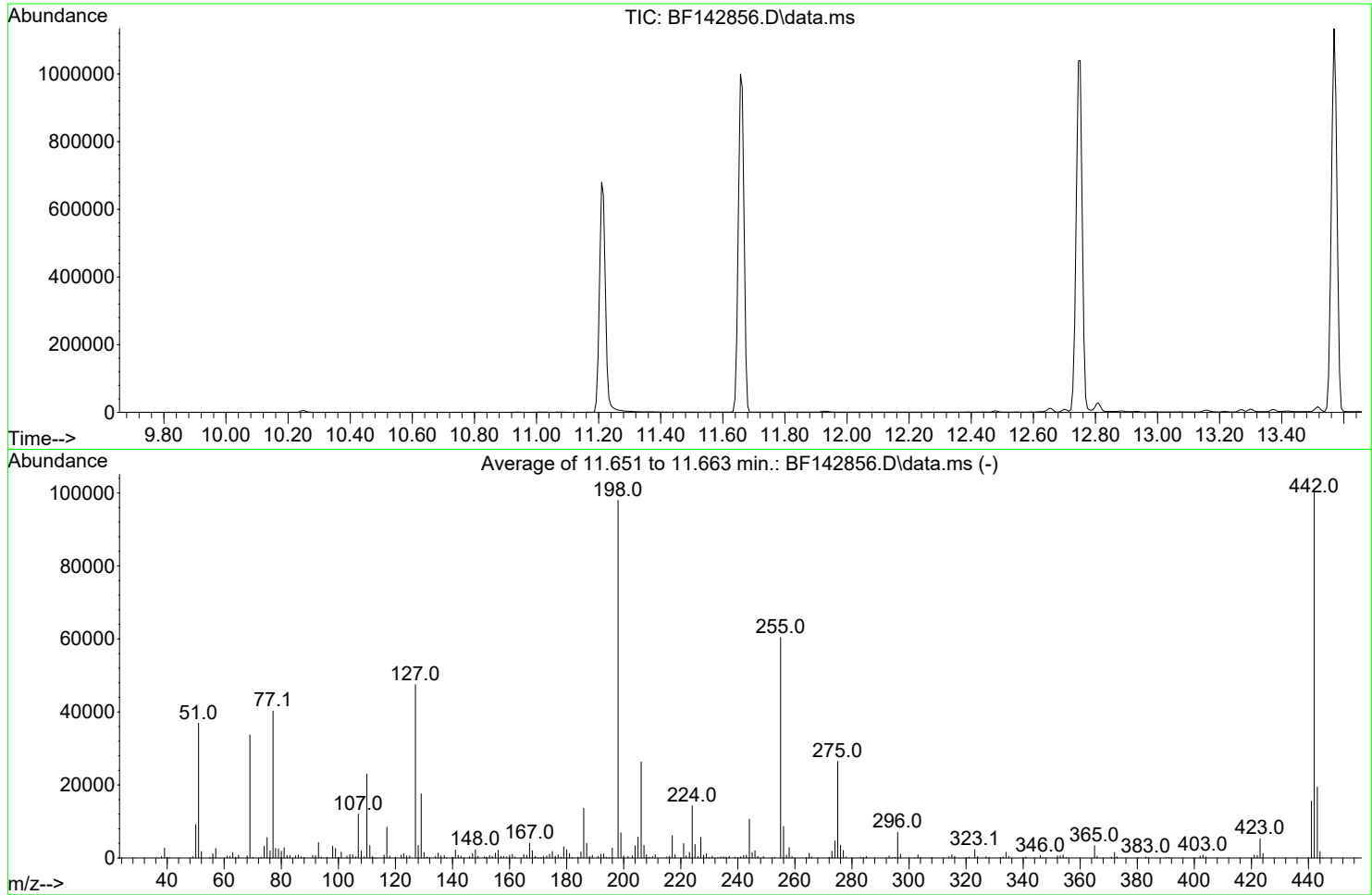
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.11
183.00	11.20	11.25
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142856.D
Acq On : 26 Jun 2025 09:10
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-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	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.8	602	PASS
69	69	100	100	100.0	33723	PASS
70	69	0.00	2	0.6	189	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	97987	PASS
199	198	5	9	7.0	6886	PASS
365	198	1	100	3.5	3393	PASS
441	443	0.01	150	80.1	15571	PASS
442	442	100	100	100.0	100104	PASS
443	442	15	24	19.4	19440	PASS

DDT Breakdown

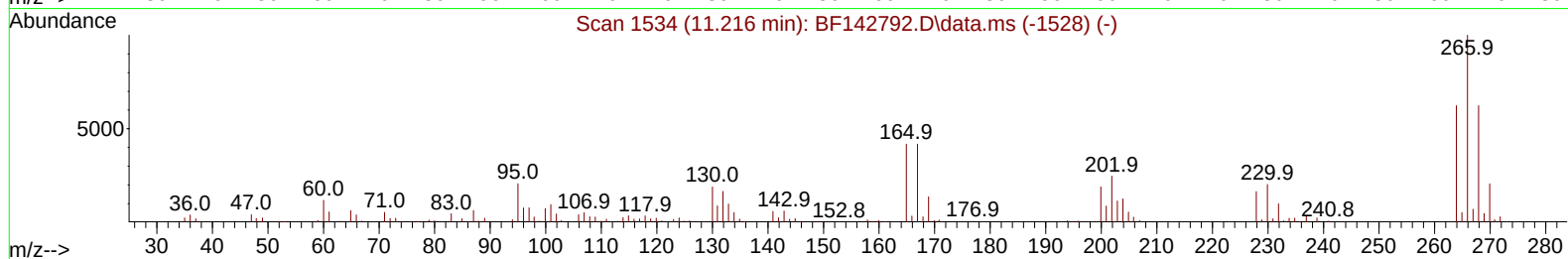
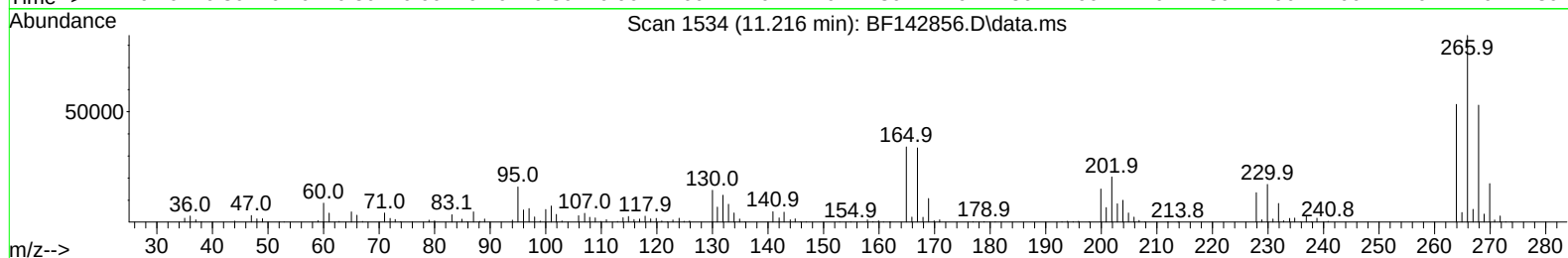
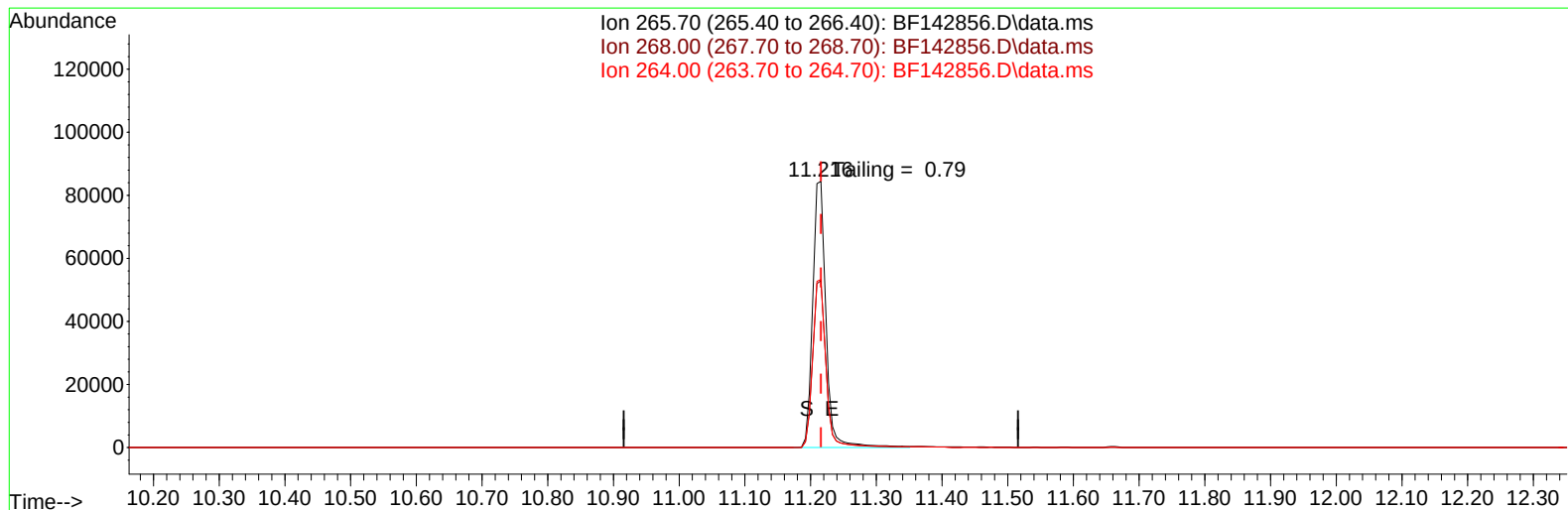
Date	Instrument Name	DFTPP Data File
6/26/2025	BNA_F	<u>BF142856.D</u>
Compound Name	Response	Retention Time
DDT	291948	13.568
DDD	5615	13.298
DDE	466	12.933
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6081	298029	2.04

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142856.D
Acq On : 26 Jun 2025 09:10
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 26 11:10:41 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: BF142856.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.000) 32945.90 ng

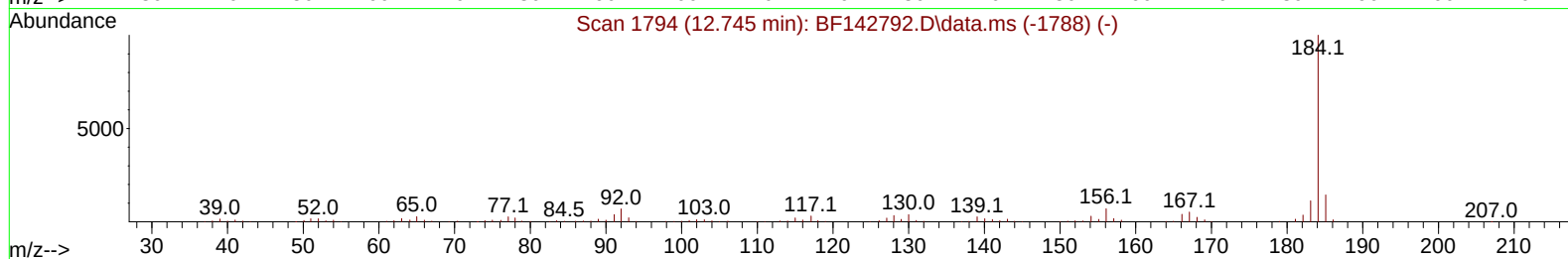
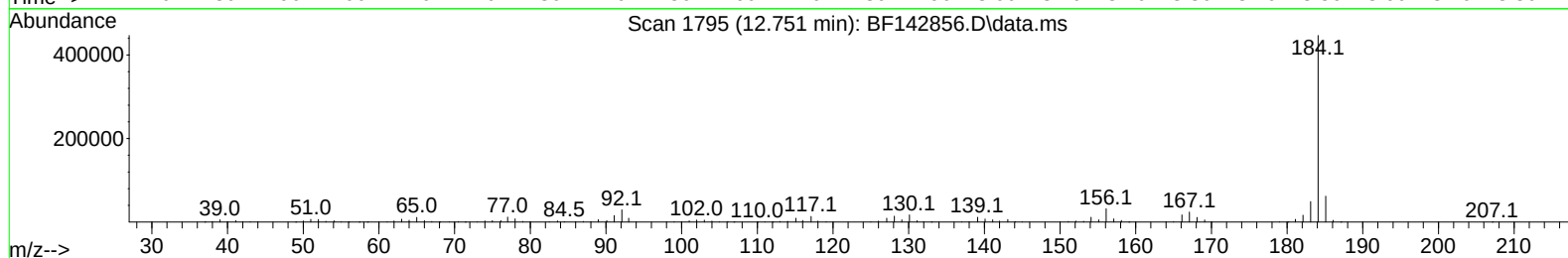
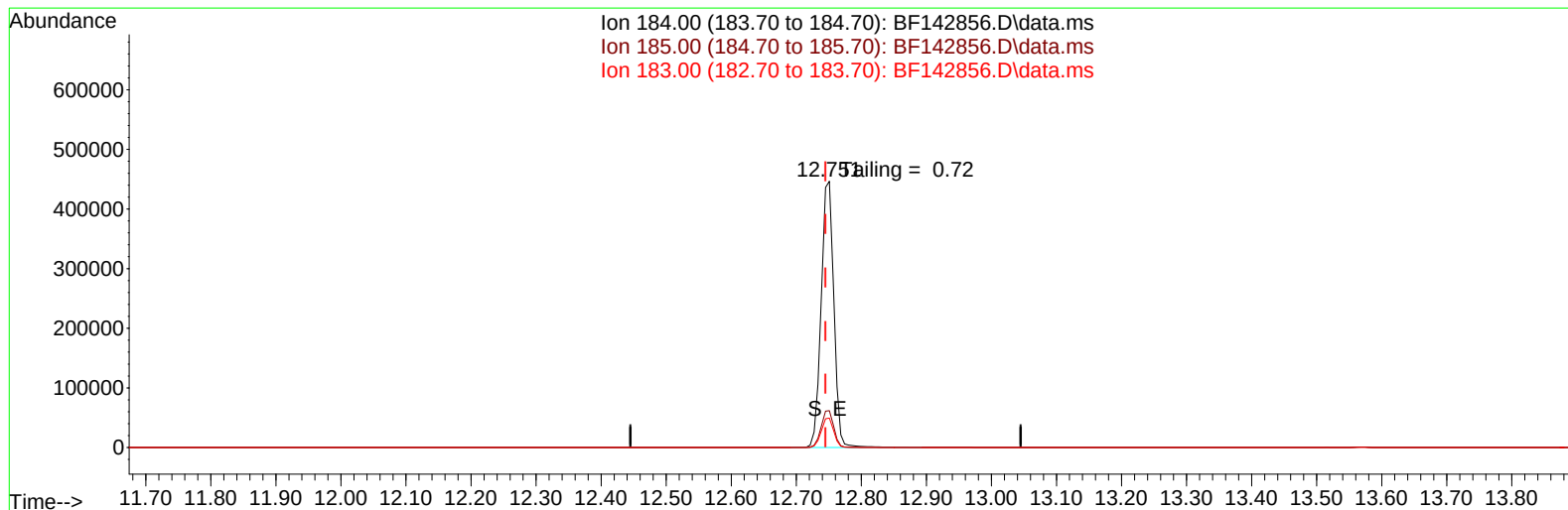
response 118961

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	62.68
264.00	62.40	63.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142856.D
Acq On : 26 Jun 2025 09:10
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 26 11:10:41 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: BF142856.D\data.ms

(77) Benzidine

12.751min (+ 0.006) 0.00 ng

response 609276

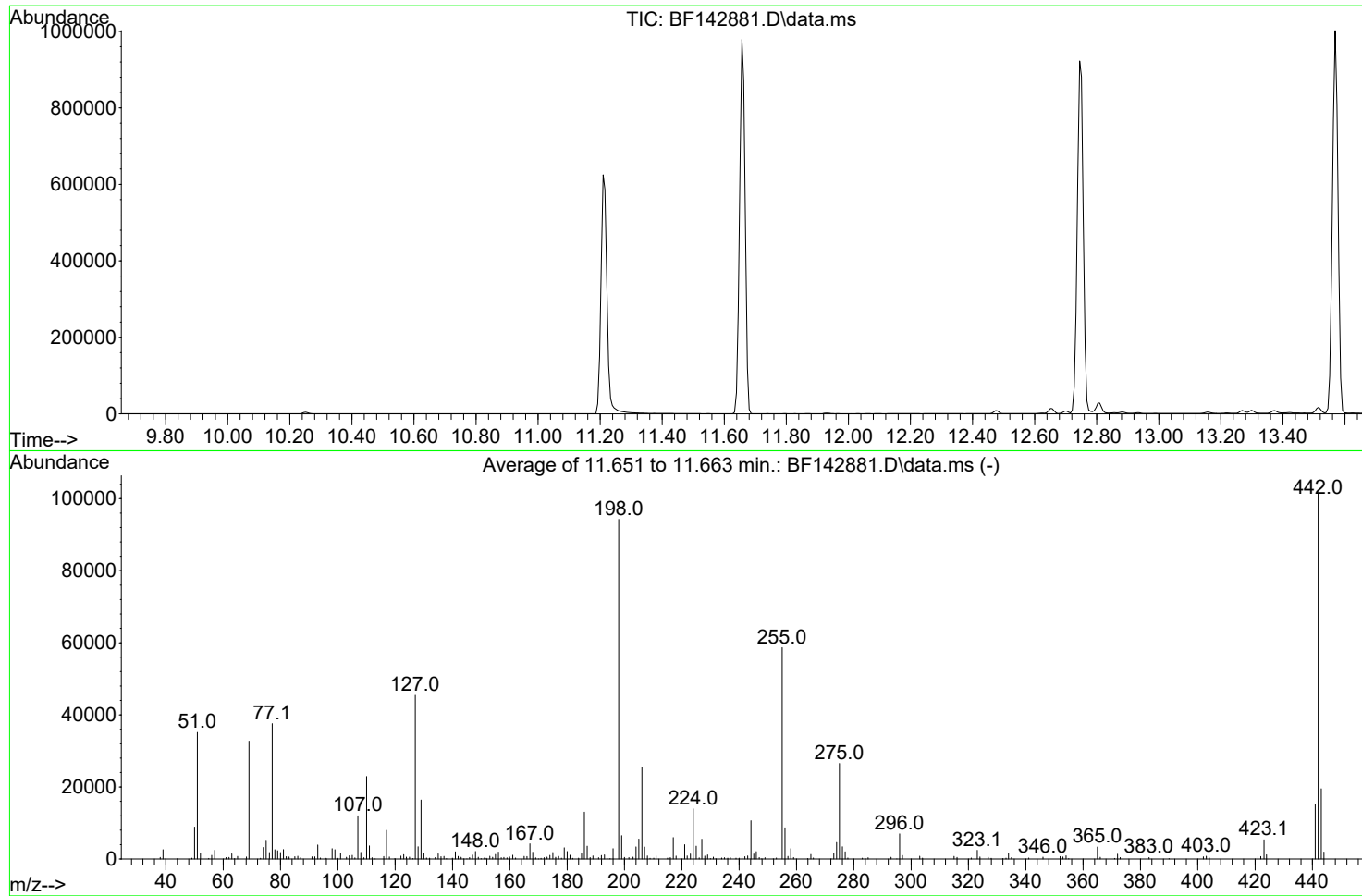
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.87
183.00	11.20	11.04
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142881.D
Acq On : 27 Jun 2025 09:21
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	1.8	593	PASS
69	69	100	100	100.0	32725	PASS
70	69	0.00	2	0.4	117	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	94272	PASS
199	198	5	9	6.9	6501	PASS
365	198	1	100	3.5	3336	PASS
441	443	0.01	150	78.5	15290	PASS
442	442	100	100	100.0	101312	PASS
443	442	15	24	19.2	19487	PASS

DDT Breakdown

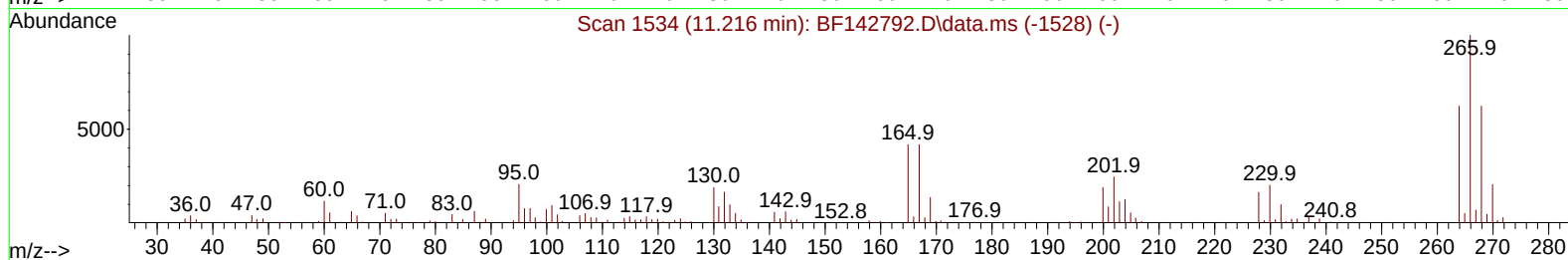
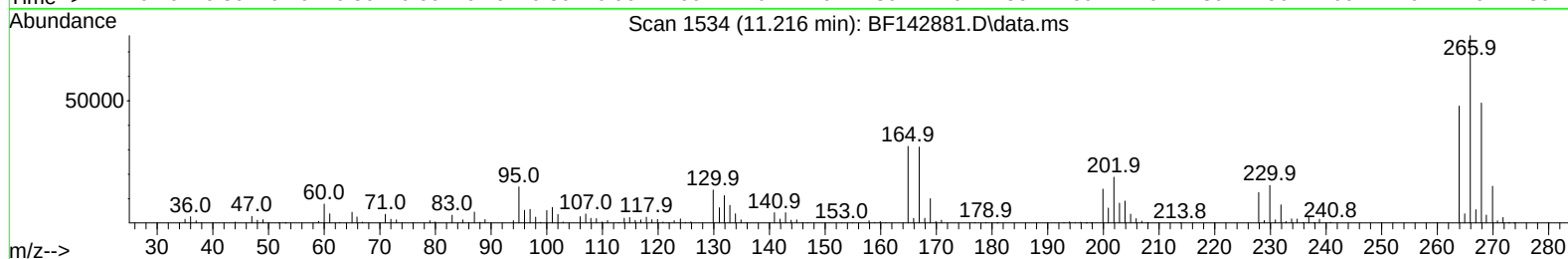
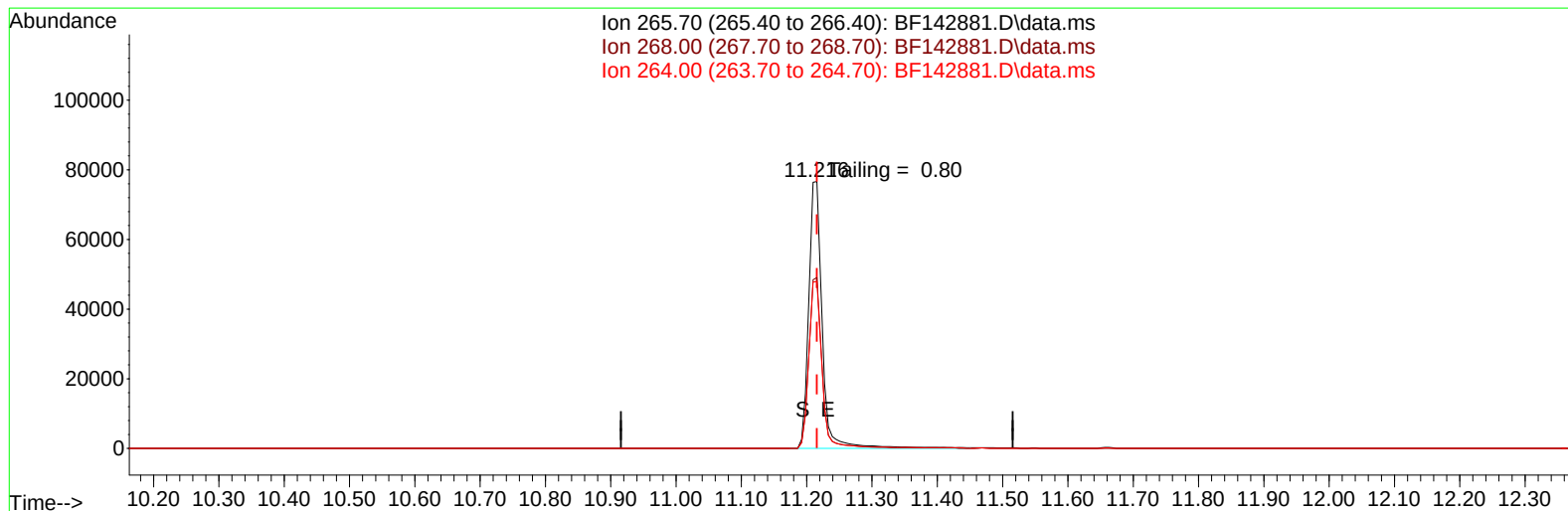
Date	Instrument Name	DFTPP Data File
6/27/2025	BNA_F	<u>BF142881.D</u>
Compound Name	Response	Retention Time
DDT	257142	13.568
DDD	5962	13.268
DDE	683	12.933
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6645	263787	2.52

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142881.D
Acq On : 27 Jun 2025 09:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 27 11:46:17 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: BF142881.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.000) 30391.06 ng

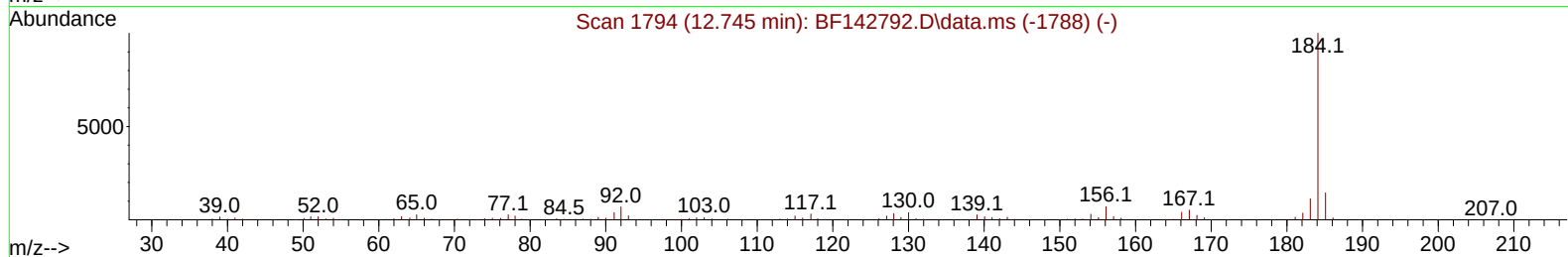
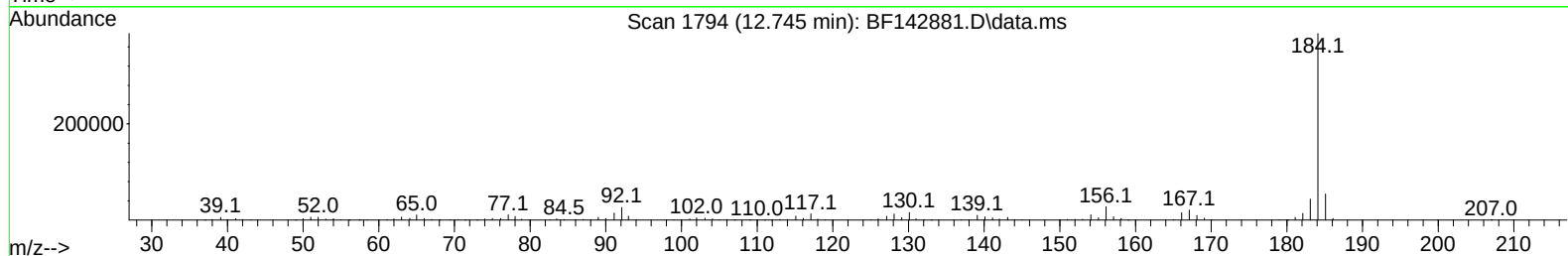
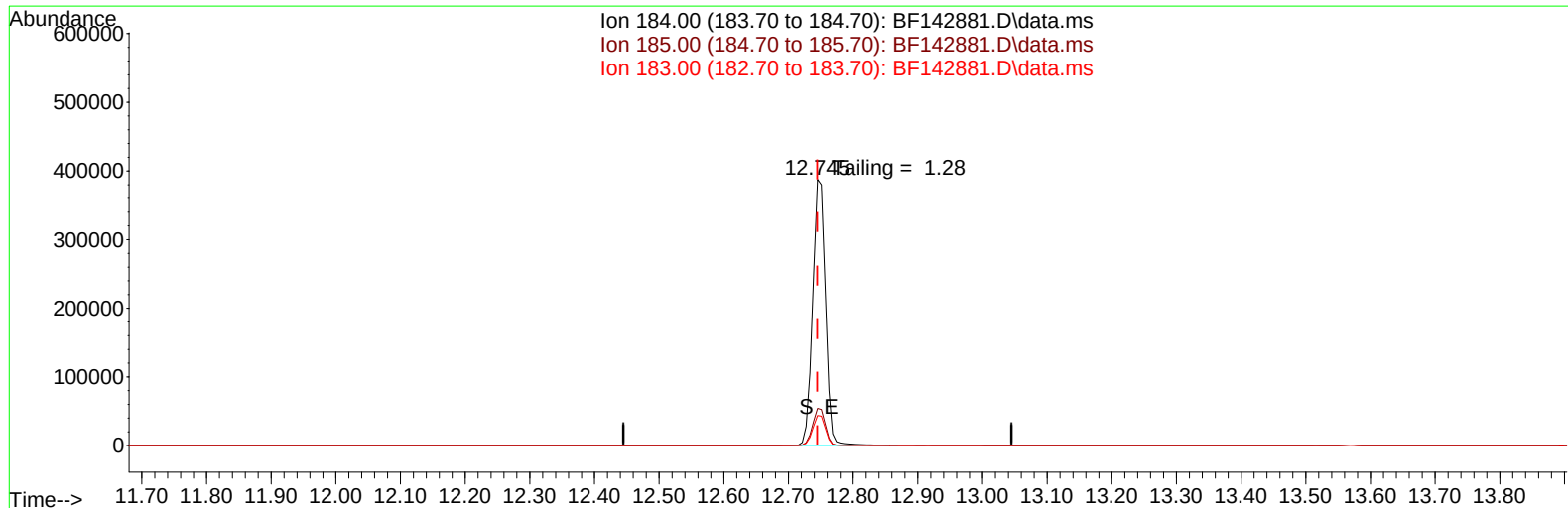
response 110119

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	64.06
264.00	62.40	62.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142881.D
Acq On : 27 Jun 2025 09:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 27 11:46:17 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: BF142881.D\data.ms

(77) Benzidine

12.745min (0.000) 0.00 ng

response 535637

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.98
183.00	11.20	11.30
0.00	0.00	0.00

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	AS Jenks School	Date Received:	
Client Sample ID:	PB168625BL	SDG No.:	Q2425
Lab Sample ID:	PB168625BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142884.D	1	06/26/25 09:20	06/27/25 10:49	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	81.6		18 - 107	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.4		20 - 109	77%	SPK: 100
1718-51-0	Terphenyl-d14	78.5		10 - 105	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	77100	6.875			
1146-65-2	Naphthalene-d8	295000	8.157			
15067-26-2	Acenaphthene-d10	163000	9.916			
1517-22-2	Phenanthrene-d10	285000	11.404			
1719-03-5	Chrysene-d12	168000	14.051			
1520-96-3	Perylene-d12	159000	15.545			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	AS Jenks School	Date Received:	
Client Sample ID:	PB168625BL	SDG No.:	Q2425
Lab Sample ID:	PB168625BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142884.D	1	06/26/25 09:20	06/27/25 10:49	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142884.D
Acq On : 27 Jun 2025 10:49
Operator : RC/JU
Sample : PB168625BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168625BL

Quant Time: Jun 27 11:47:24 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	77055	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	295430	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	162519	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	284575	20.000	ng	0.00
76) Chrysene-d12	14.051	240	168482	20.000	ng	0.00
86) Perylene-d12	15.545	264	158706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	585667	126.545	ng	0.01
7) Phenol-d6	6.504	99	692386	126.804	ng	0.00
23) Nitrobenzene-d5	7.440	82	439469	81.594	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	223294	133.515	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	957296	77.380	ng	-0.01
79) Terphenyl-d14	12.998	244	957194	78.498	ng	0.00

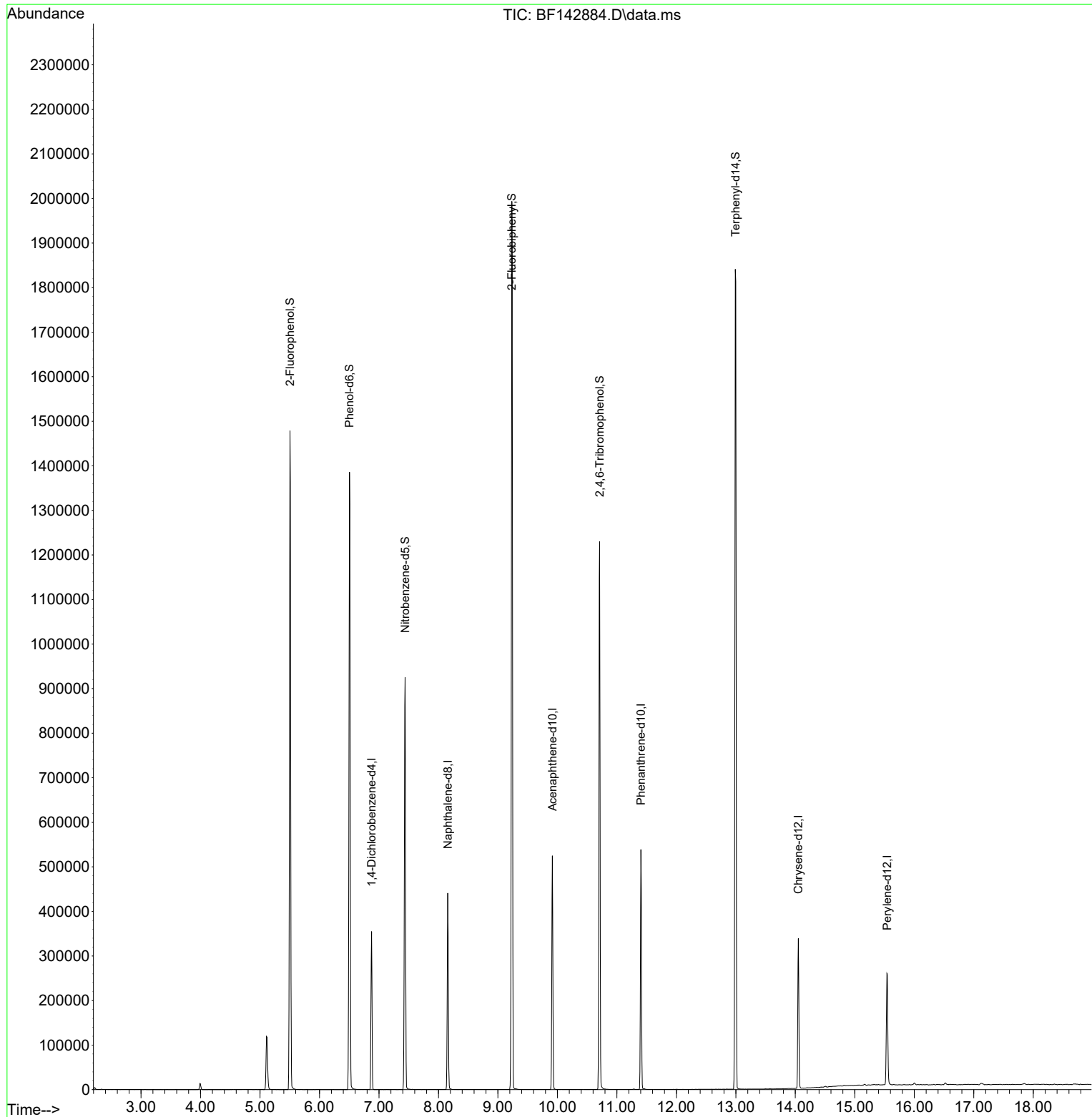
Target Compounds	Qvalue

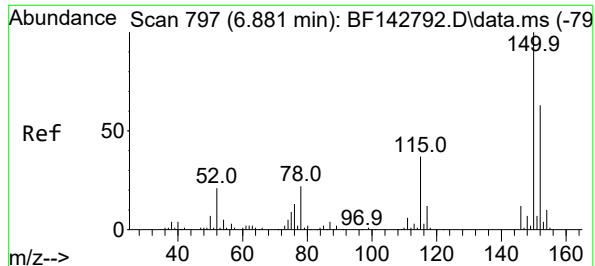
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142884.D
Acq On : 27 Jun 2025 10:49
Operator : RC/JU
Sample : PB168625BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168625BL

Quant Time: Jun 27 11:47:24 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

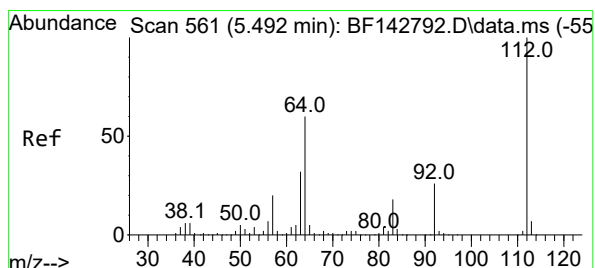
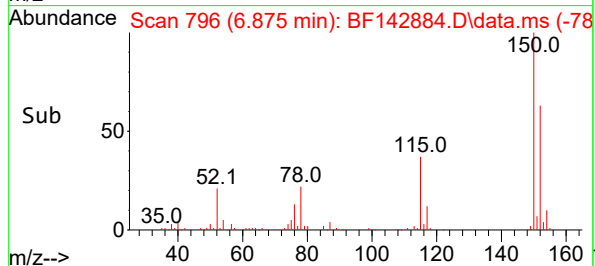
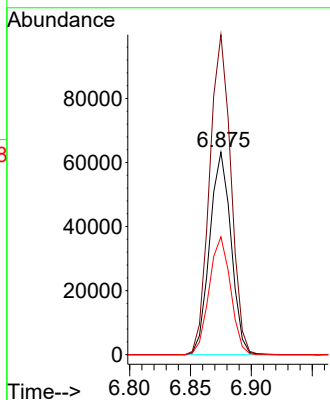
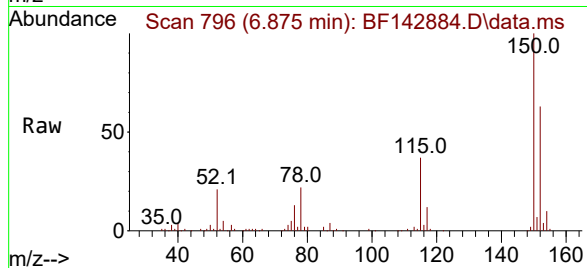




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

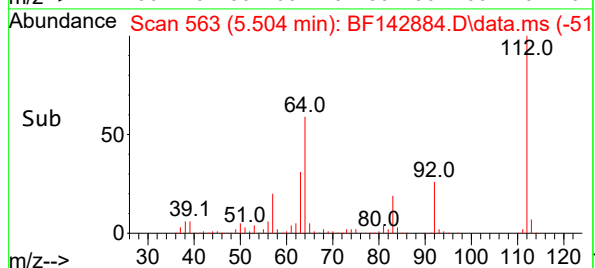
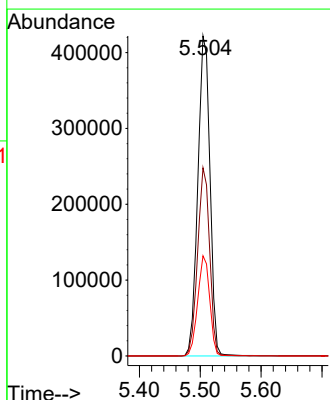
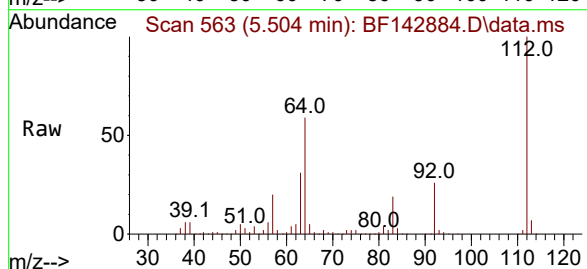
Instrument :
BNA_F
ClientSampleId :
PB168625BL

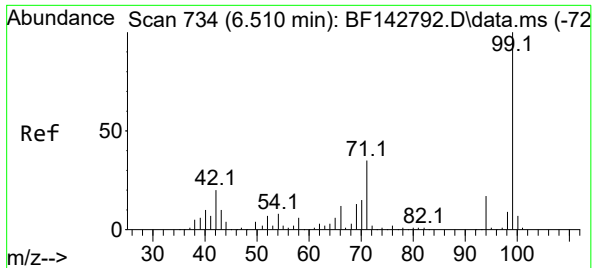
Tgt Ion:152 Resp: 77055
Ion Ratio Lower Upper
152 100
150 158.0 127.2 190.8
115 58.3 46.6 69.8



#5
2-Fluorophenol
Concen: 126.545 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

Tgt Ion:112 Resp: 585667
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.2
63 31.3 25.7 38.5

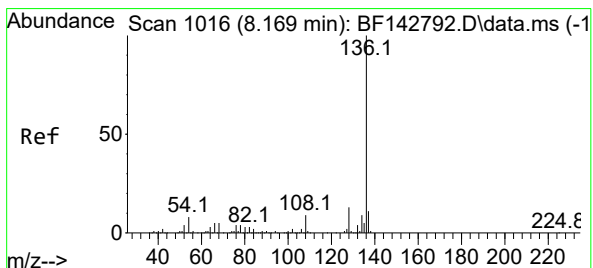
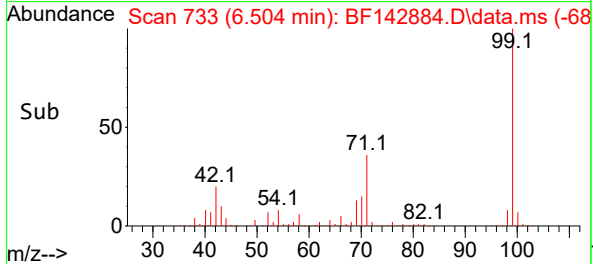
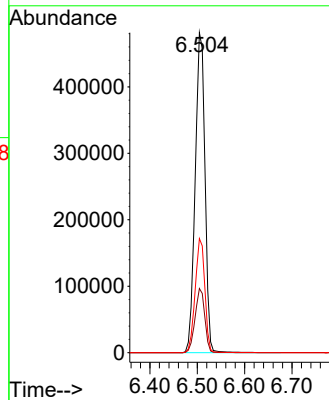
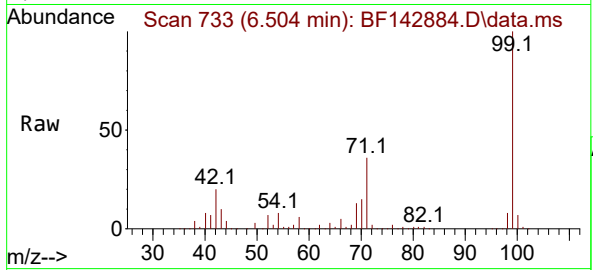




#7
Phenol-d6
Concen: 126.804 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

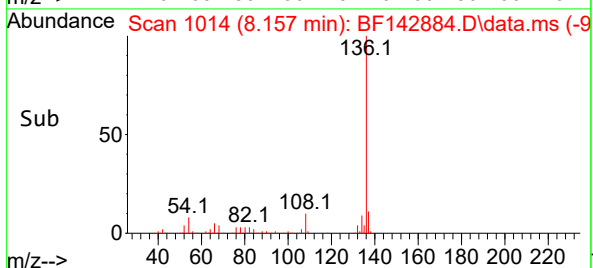
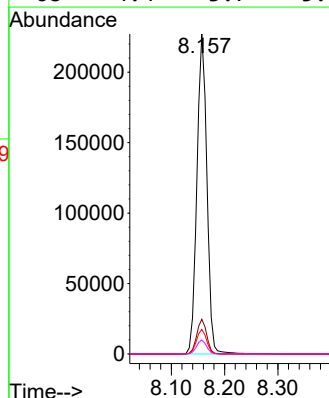
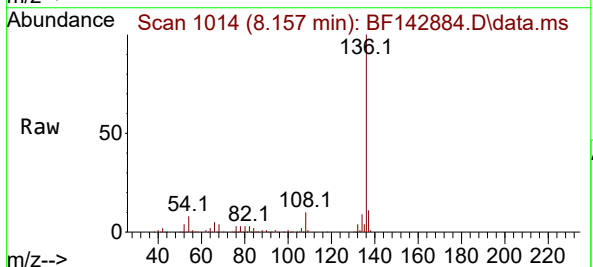
Instrument :
BNA_F
ClientSampleId :
PB168625BL

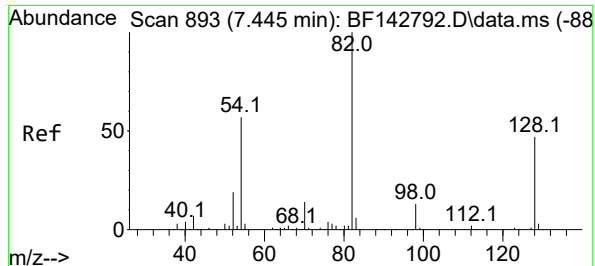
Tgt Ion: 99 Resp: 692386
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 35.6 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

Tgt Ion: 136 Resp: 295430
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.7 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 81.594 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.005 min

Lab File: BF142884.D

Acq: 27 Jun 2025 10:49

Instrument :

BNA_F

ClientSampleId :

PB168625BL

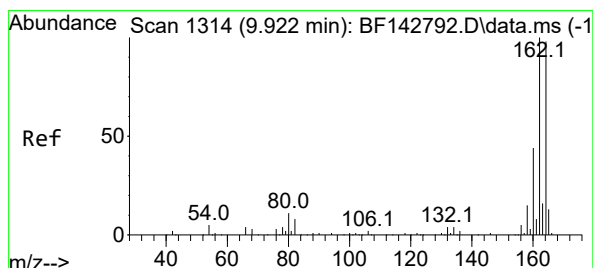
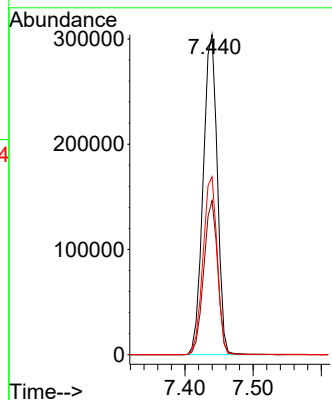
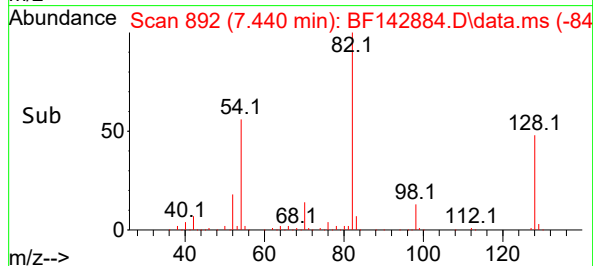
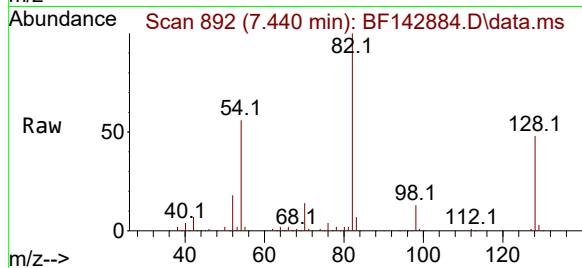
Tgt Ion: 82 Resp: 439469

Ion Ratio Lower Upper

82 100

128 48.2 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: BF142884.D

Acq: 27 Jun 2025 10:49

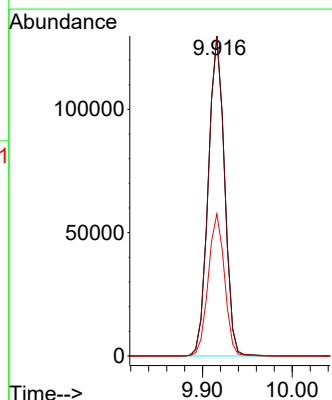
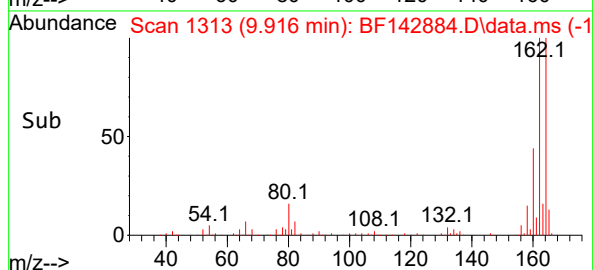
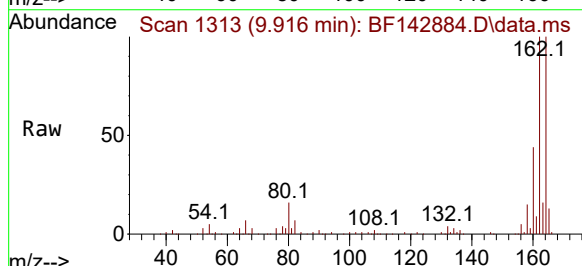
Tgt Ion:164 Resp: 162519

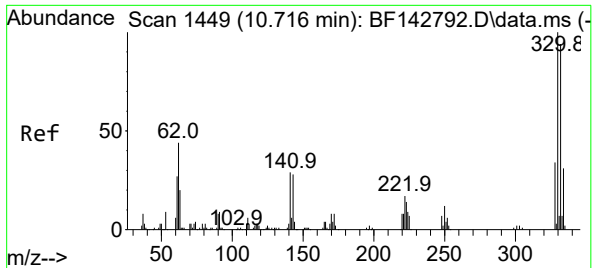
Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.8

160 44.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 133.515 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142884.D

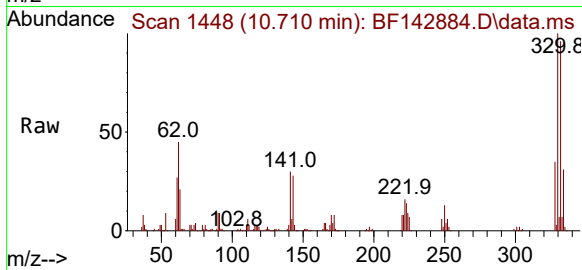
Acq: 27 Jun 2025 10:49

Instrument :

BNA_F

ClientSampleId :

PB168625BL



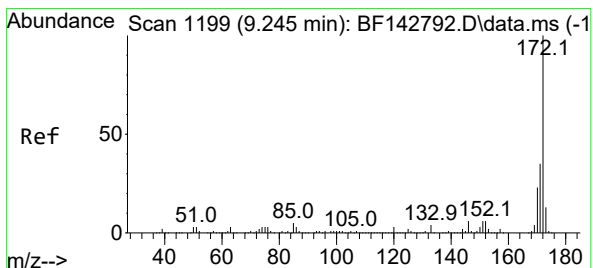
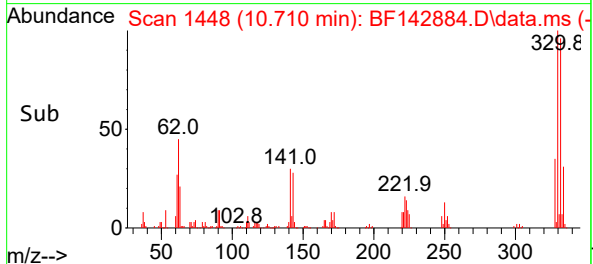
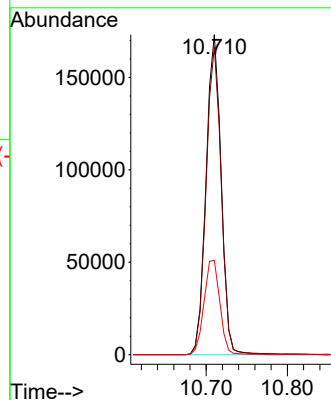
Tgt Ion:330 Resp: 223294

Ion Ratio Lower Upper

330 100

332 96.6 75.0 112.6

141 31.0 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 77.380 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF142884.D

Acq: 27 Jun 2025 10:49

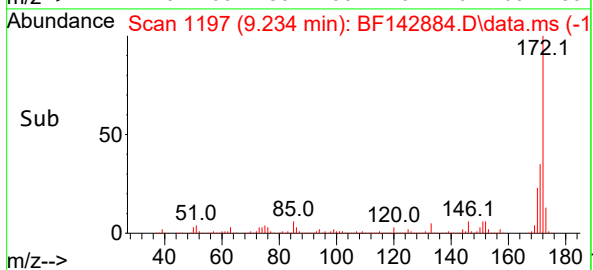
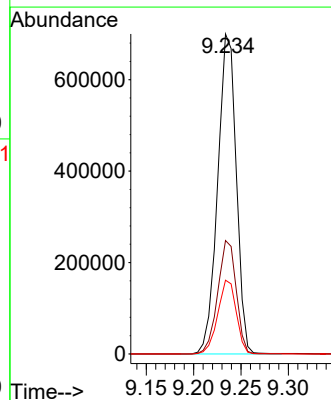
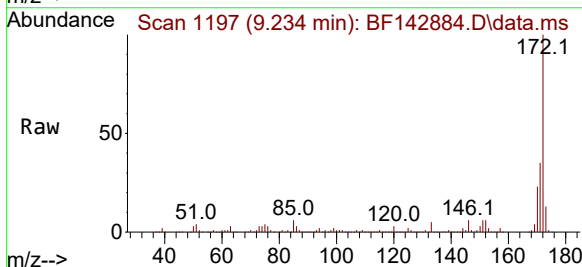
Tgt Ion:172 Resp: 957296

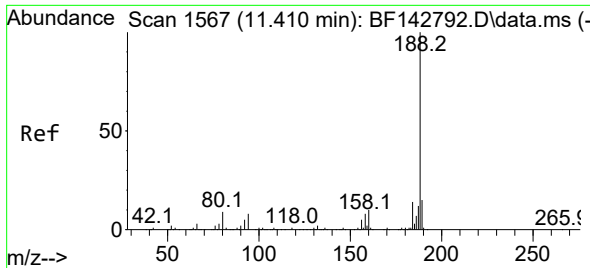
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.0 18.5 27.7

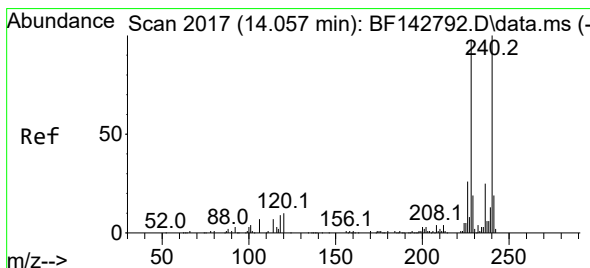
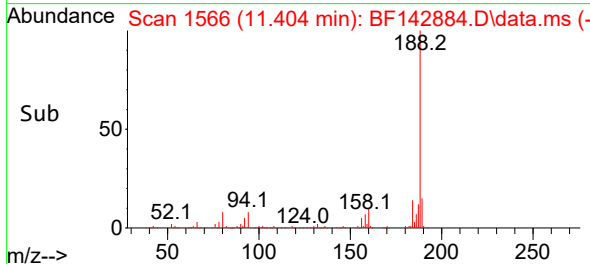
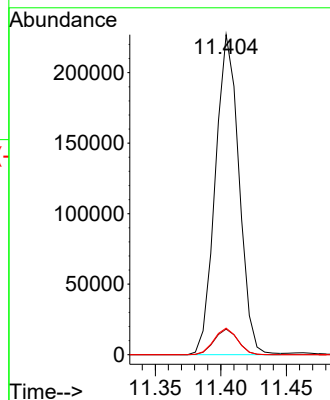
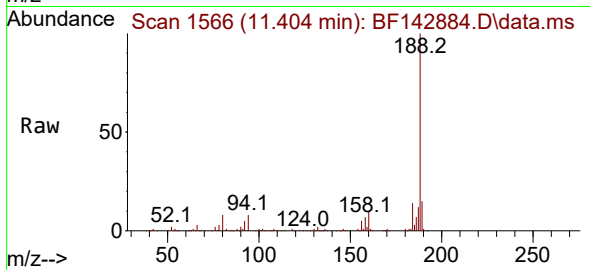




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

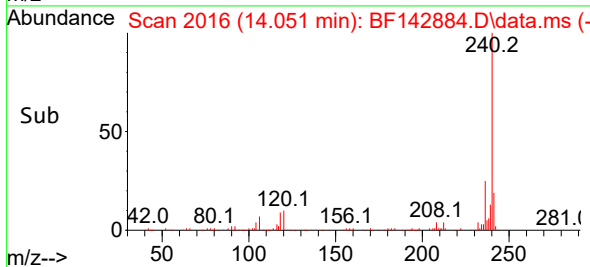
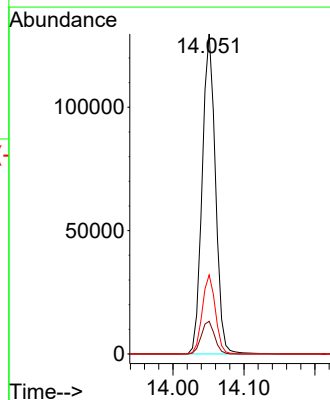
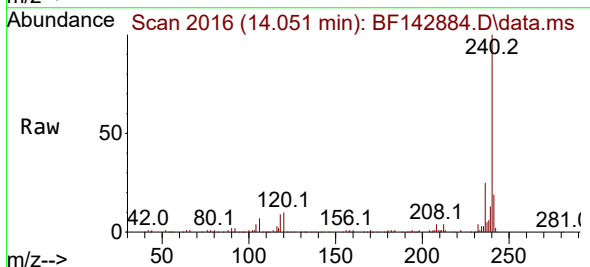
Instrument :
BNA_F
ClientSampleId :
PB168625BL

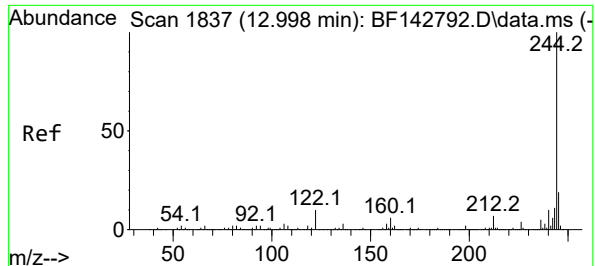
Tgt Ion:188 Resp: 284575
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142884.D
Acq: 27 Jun 2025 10:49

Tgt Ion:240 Resp: 168482
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 24.7 19.8 29.8





#79

Terphenyl-d14

Concen: 78.498 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF142884.D

Acq: 27 Jun 2025 10:49

Instrument :

BNA_F

ClientSampleId :

PB168625BL

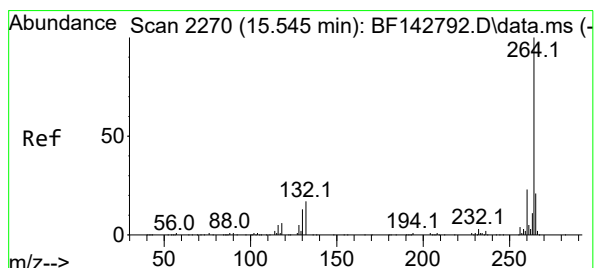
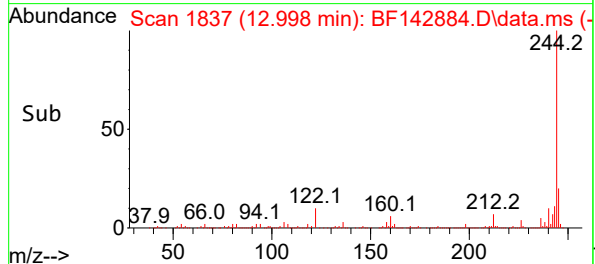
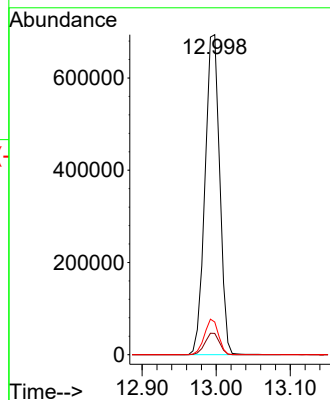
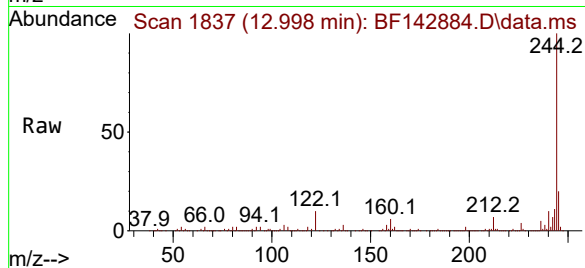
Tgt Ion:244 Resp: 957194

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.2 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: BF142884.D

Acq: 27 Jun 2025 10:49

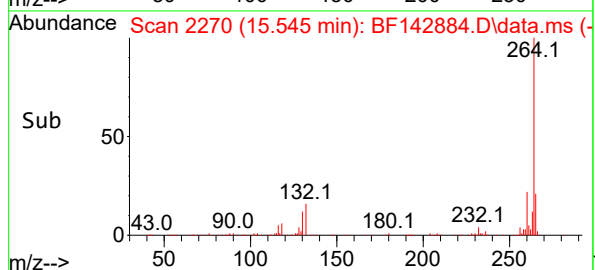
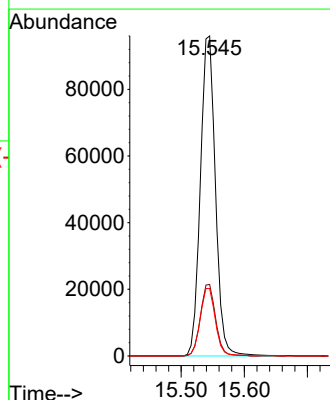
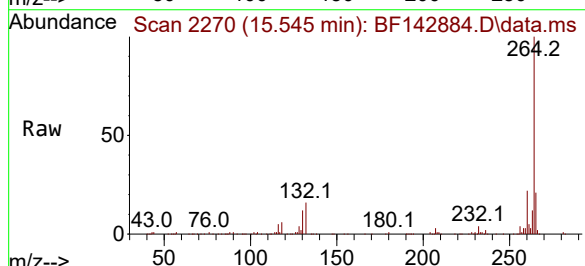
Tgt Ion:264 Resp: 158706

Ion Ratio Lower Upper

264 100

260 22.3 18.1 27.1

265 21.1 16.6 25.0



Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	AS Jenks School	Date Received:	
Client Sample ID:	PB168625BS	SDG No.:	Q2425
Lab Sample ID:	PB168625BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142885.D	1	06/26/25 09:20	06/27/25 11:19	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
86-73-7	Fluorene	1400		25.3	170	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1400		33.3	170	ug/Kg
129-00-0	Pyrene	1400		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	77.0		18 - 107	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.7		20 - 109	75%	SPK: 100
1718-51-0	Terphenyl-d14	78.2		10 - 105	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	79300	6.875			
1146-65-2	Naphthalene-d8	306000	8.163			
15067-26-2	Acenaphthene-d10	167000	9.922			
1517-22-2	Phenanthrene-d10	286000	11.41			
1719-03-5	Chrysene-d12	165000	14.057			
1520-96-3	Perylene-d12	167000	15.545			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	AS Jenks School	Date Received:	
Client Sample ID:	PB168625BS	SDG No.:	Q2425
Lab Sample ID:	PB168625BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142885.D	1	06/26/25 09:20	06/27/25 11:19	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142885.D
 Acq On : 27 Jun 2025 11:19
 Operator : RC/JU
 Sample : PB168625BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168625BS

Quant Time: Jun 27 12:14:46 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	79288	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	306414	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	167156	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	286462	20.000	ng	0.00
76) Chrysene-d12	14.057	240	164874	20.000	ng	0.00
86) Perylene-d12	15.545	264	166752	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	576794	121.118	ng	0.02
7) Phenol-d6	6.510	99	686344	122.157	ng	0.00
23) Nitrobenzene-d5	7.439	82	430100	76.992	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	227226	132.097	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	950860	74.728	ng	0.00
79) Terphenyl-d14	12.998	244	932784	78.171	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	64426	33.823	ng	100
3) Pyridine	3.493	79	178331	37.345	ng	99
4) n-Nitrosodimethylamine	3.446	42	99554	40.316	ng	100
6) Aniline	6.540	93	243829	32.615	ng	# 89
8) 2-Chlorophenol	6.663	128	220964	43.013	ng	99
9) Benzaldehyde	6.428	77	93685	28.105	ng	98
10) Phenol	6.528	94	258477	41.387	ng	85
11) bis(2-Chloroethyl)ether	6.610	93	189250	42.398	ng	98
12) 1,3-Dichlorobenzene	6.816	146	239808	41.740	ng	99
13) 1,4-Dichlorobenzene	6.892	146	241633	41.686	ng	99
14) 1,2-Dichlorobenzene	7.045	146	232603	42.307	ng	99
15) Benzyl Alcohol	7.022	79	178788	44.017	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	292050	40.723	ng	95
17) 2-Methylphenol	7.134	107	165974	42.634	ng	96
18) Hexachloroethane	7.387	117	85422	42.132	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	140888	43.115	ng	97
20) 3+4-Methylphenols	7.287	107	212248	43.728	ng	96
22) Acetophenone	7.287	105	286909	42.461	ng	97
24) Nitrobenzene	7.463	77	210767	41.685	ng	97
25) Isophorone	7.698	82	384510	42.908	ng	99
26) 2-Nitrophenol	7.775	139	121467	44.101	ng	99
27) 2,4-Dimethylphenol	7.816	122	203196	42.591	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	241404	42.372	ng	99
29) 2,4-Dichlorophenol	8.022	162	188927	43.674	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	200843	42.222	ng	99
31) Naphthalene	8.181	128	638576	42.576	ng	100
32) Benzoic acid	7.945	122	116917	48.081	ng	95
33) 4-Chloroaniline	8.234	127	168937	27.701	ng	98
34) Hexachlorobutadiene	8.298	225	121916	41.901	ng	99
35) Caprolactam	8.604	113	57912m	50.733	ng	
36) 4-Chloro-3-methylphenol	8.716	107	192336	44.737	ng	99
37) 2-Methylnaphthalene	8.875	142	399906	43.008	ng	99
38) 1-Methylnaphthalene	8.975	142	410444	42.641	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	203850	41.330	ng	99
41) Hexachlorocyclopentadiene	9.028	237	234698	83.852	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	137107	42.660	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142885.D
 Acq On : 27 Jun 2025 11:19
 Operator : RC/JU
 Sample : PB168625BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168625BS

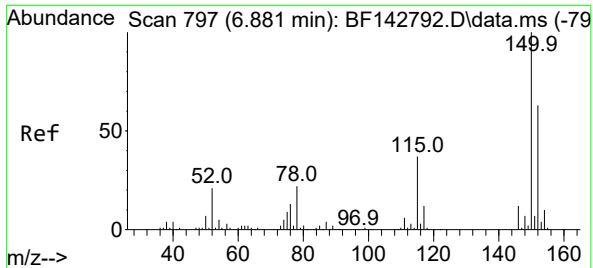
Quant Time: Jun 27 12:14:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	145459	42.994	ng	99
46) 1,1'-Biphenyl	9.339	154	551449	41.762	ng	100
47) 2-Chloronaphthalene	9.369	162	407787	41.153	ng	100
48) 2-Nitroaniline	9.463	65	122855	44.224	ng	98
49) Acenaphthylene	9.781	152	688079	42.182	ng	99
50) Dimethylphthalate	9.645	163	492303	45.499	ng	100
51) 2,6-Dinitrotoluene	9.704	165	106248	44.714	ng	100
52) Acenaphthene	9.957	154	466815m	46.904	ng	
53) 3-Nitroaniline	9.875	138	79354	30.332	ng	97
54) 2,4-Dinitrophenol	9.986	184	119559	100.486	ng	99
55) Dibenzofuran	10.128	168	606412	42.491	ng	99
56) 4-Nitrophenol	10.045	139	166993	93.237	ng	99
57) 2,4-Dinitrotoluene	10.110	165	147971	46.881	ng	95
58) Fluorene	10.469	166	480888	43.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	120013	44.008	ng	98
60) Diethylphthalate	10.339	149	492152	46.390	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	230170	43.276	ng	98
62) 4-Nitroaniline	10.492	138	111024	46.401	ng	99
63) Azobenzene	10.622	77	410873	43.333	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	79271	45.750	ng	95
66) n-Nitrosodiphenylamine	10.580	169	421786	42.484	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	141682	43.458	ng	97
68) Hexachlorobenzene	11.022	284	154987	42.783	ng	99
69) Atrazine	11.110	200	129714	50.596	ng	100
70) Pentachlorophenol	11.216	266	164554	91.158	ng	99
71) Phenanthrene	11.433	178	670582	43.214	ng	100
72) Anthracene	11.486	178	685649	43.083	ng	99
73) Carbazole	11.639	167	616575	44.895	ng	100
74) Di-n-butylphthalate	11.969	149	713866	49.896	ng	100
75) Fluoranthene	12.627	202	663946	45.083	ng	99
77) Benzidine	12.745	184	246442	39.784	ng	99
78) Pyrene	12.857	202	664888	43.023	ng	99
80) Butylbenzylphthalate	13.469	149	226565	50.540	ng	97
81) Benzo(a)anthracene	14.045	228	484352	43.547	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	82353	22.827	ng	100
83) Chrysene	14.080	228	441455	44.480	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	291308	45.165	ng	99
85) Di-n-octyl phthalate	14.639	149	497681	40.921	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	517185	40.719	ng	98
88) Benzo(b)fluoranthene	15.110	252	440795	45.683	ng	99
89) Benzo(k)fluoranthene	15.139	252	410271	45.447	ng	99
90) Benzo(a)pyrene	15.486	252	417438	44.782	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	417444	40.450	ng	99
92) Benzo(g,h,i)perylene	17.521	276	419208	40.736	ng	98

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

Instrument :
BNA_F
ClientSampleId :
PB168625BS

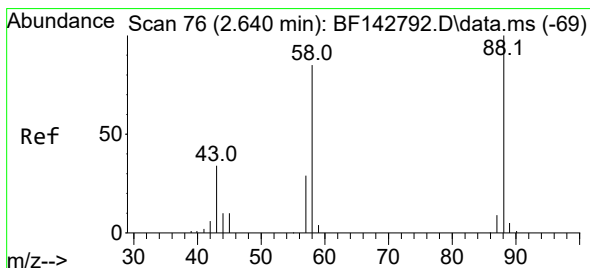
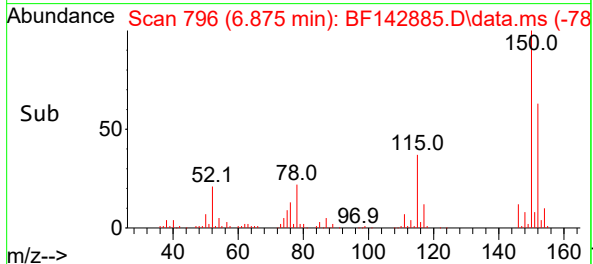
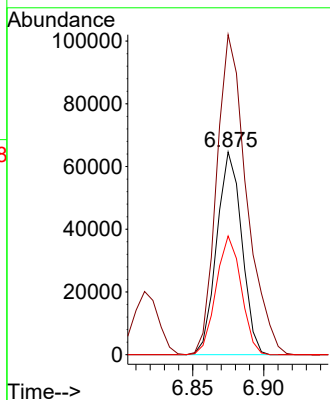
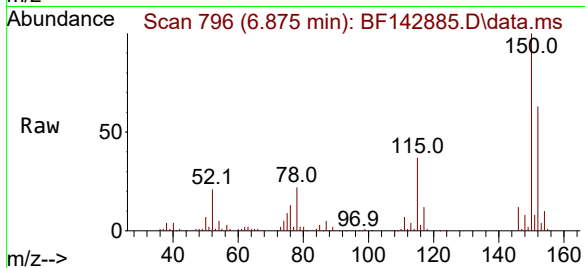
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

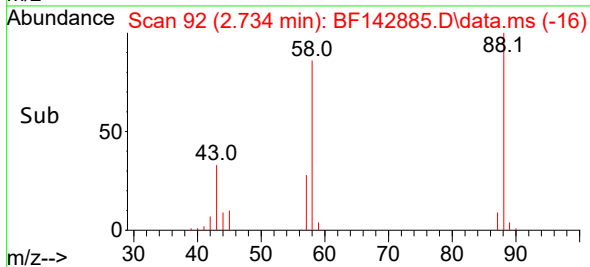
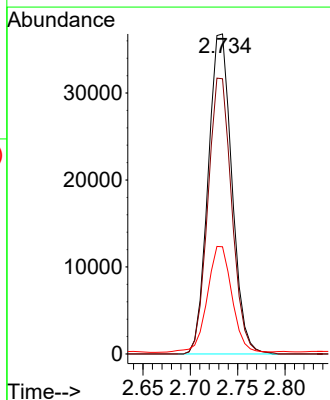
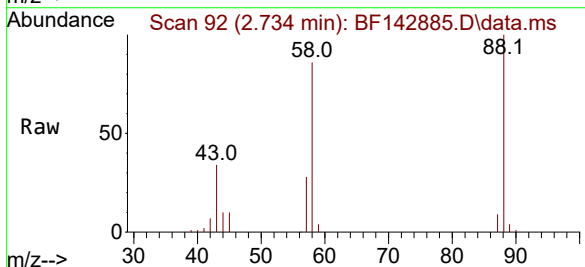
Instrument :
BNA_F
ClientSampleId :
PB168625BS

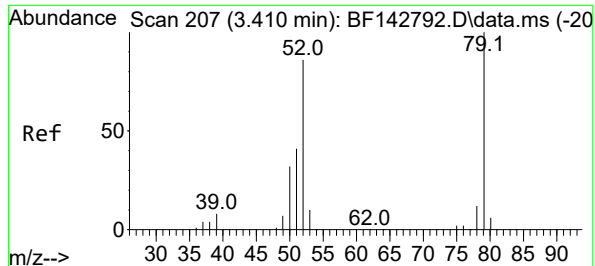
Tgt Ion:152 Resp: 79288
Ion Ratio Lower Upper
152 100
150 157.8 127.2 190.8
115 58.5 46.6 69.8



#2
1,4-Dioxane
Concen: 33.823 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.094 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion: 88 Resp: 64426
Ion Ratio Lower Upper
88 100
58 86.5 69.1 103.7
43 34.0 27.4 41.2

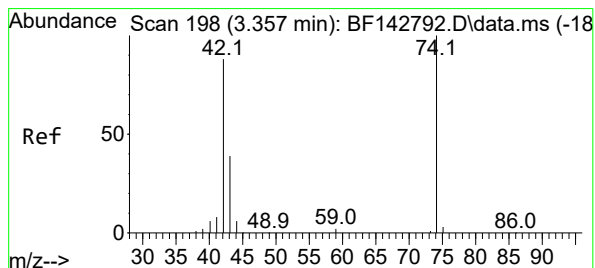
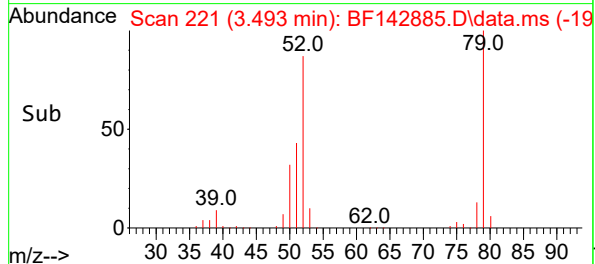
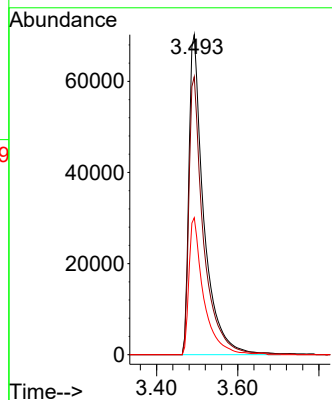
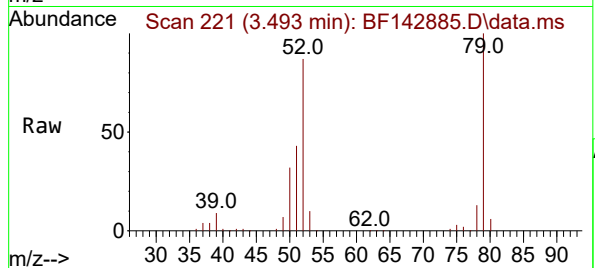




#3
Pyridine
Concen: 37.345 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

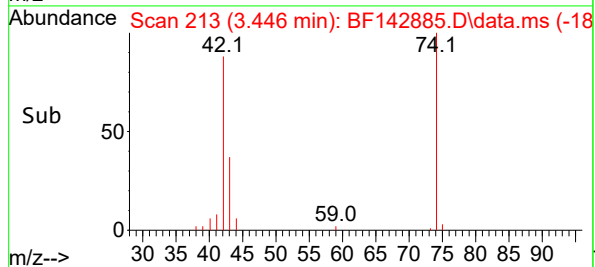
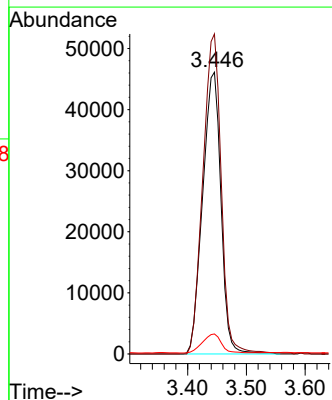
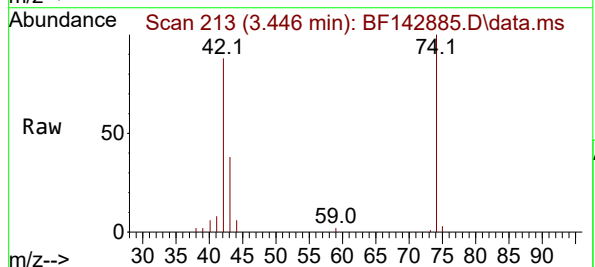
Instrument :
BNA_F
ClientSampleId :
PB168625BS

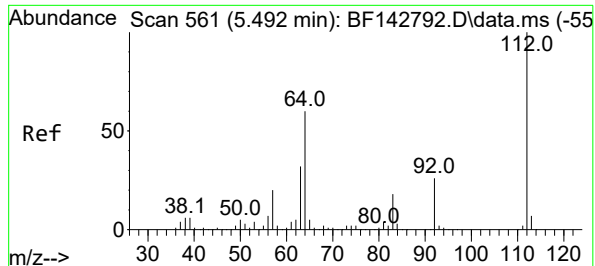
Tgt Ion: 79 Resp: 178331
Ion Ratio Lower Upper
79 100
52 86.9 69.2 103.8
51 42.8 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 40.316 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion: 42 Resp: 99554
Ion Ratio Lower Upper
42 100
74 113.5 90.9 136.3
44 7.1 5.8 8.6





#5

2-Fluorophenol

Concen: 121.118 ng

RT: 5.510 min Scan# 50

Delta R.T. 0.018 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

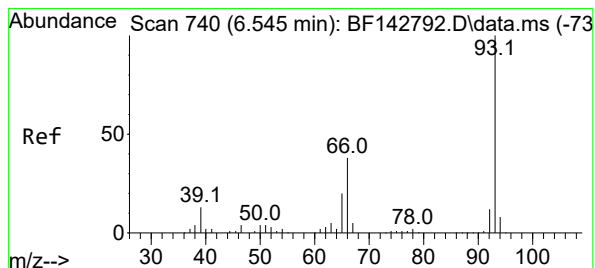
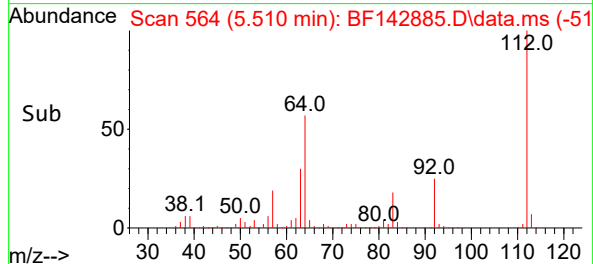
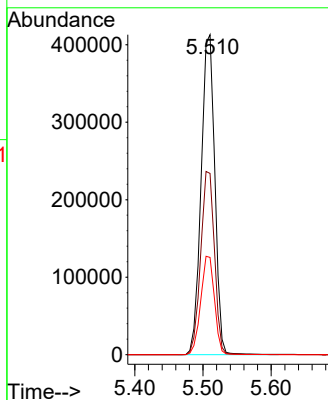
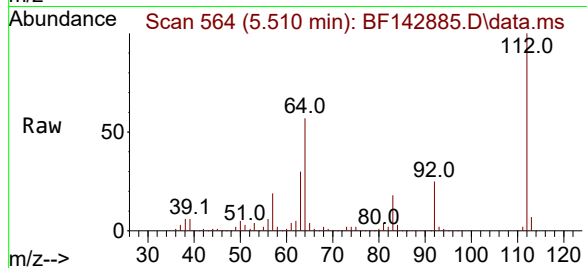
Tgt Ion:112 Resp: 576794

Ion Ratio Lower Upper

112 100

64 56.7 48.2 72.2

63 30.4 25.7 38.5



#6

Aniline

Concen: 32.615 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

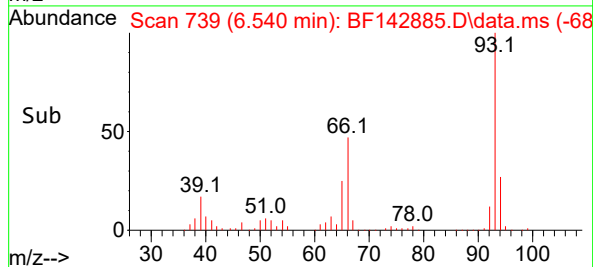
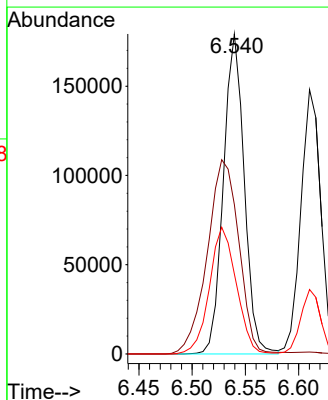
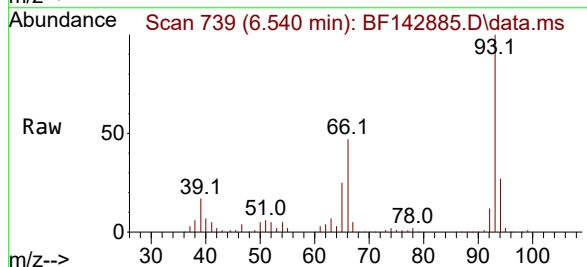
Tgt Ion: 93 Resp: 243829

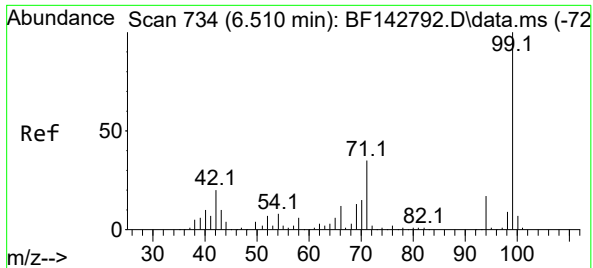
Ion Ratio Lower Upper

93 100

66 46.7 31.8 47.6

65 25.0 16.2 24.2#

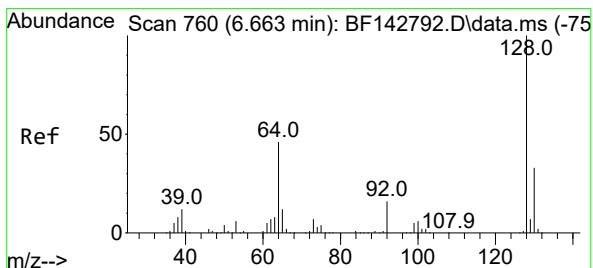
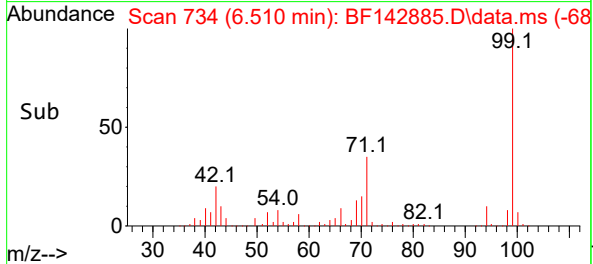
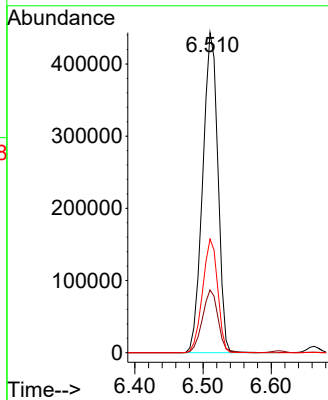
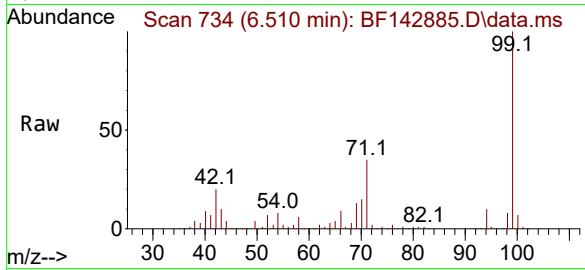




#7
Phenol-d6
Concen: 122.157 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

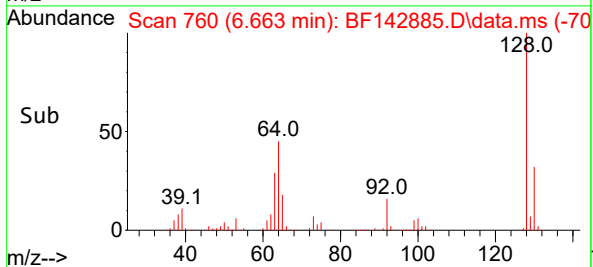
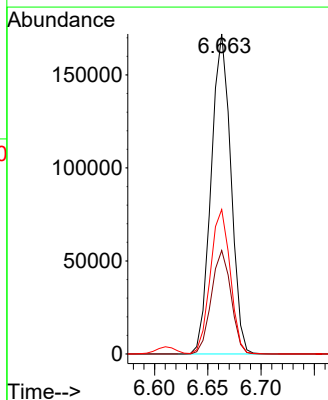
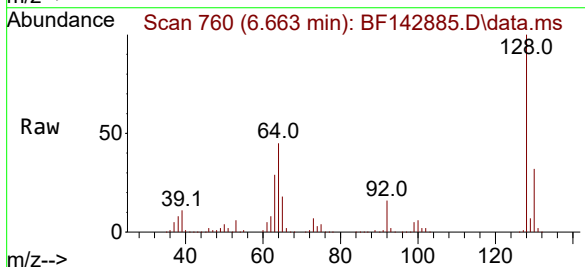
Instrument :
BNA_F
ClientSampleId :
PB168625BS

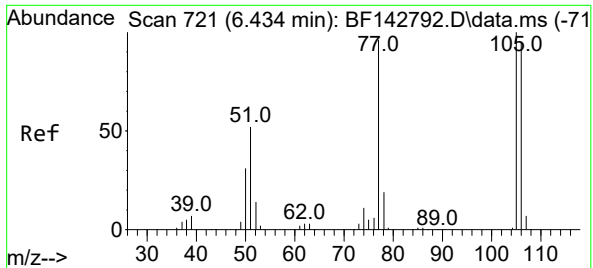
Tgt Ion: 99 Resp: 686344
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 35.5 27.8 41.8



#8
2-Chlorophenol
Concen: 43.013 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion: 128 Resp: 220964
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 45.2 26.5 66.5

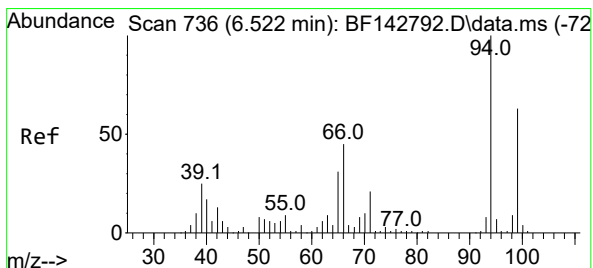
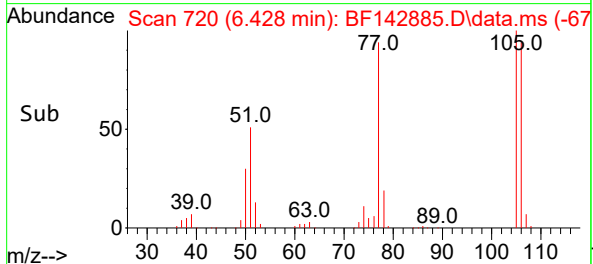
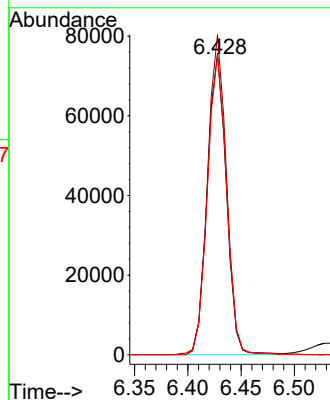
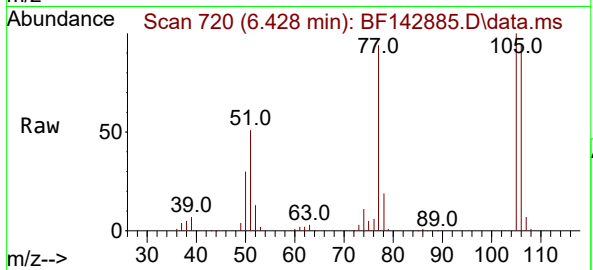




#9
Benzaldehyde
Concen: 28.105 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

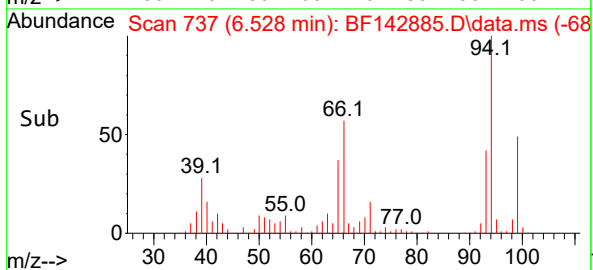
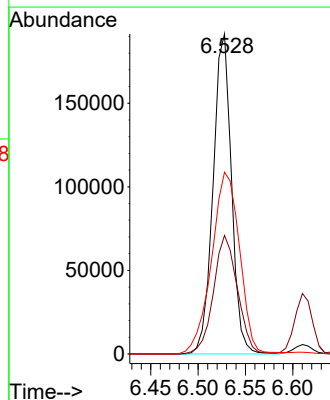
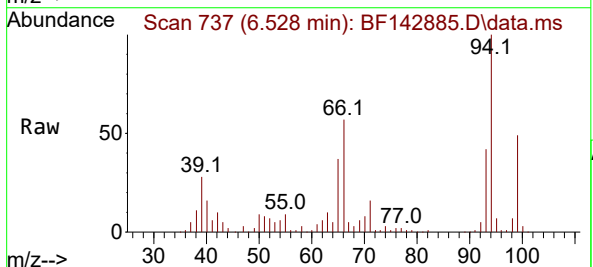
Instrument :
BNA_F
ClientSampleId :
PB168625BS

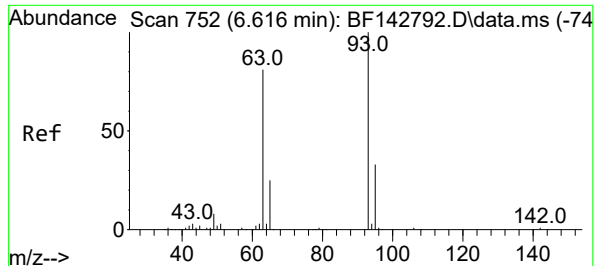
Tgt Ion: 77 Resp: 93685
Ion Ratio Lower Upper
77 100
105 106.3 83.8 123.8
106 99.4 78.7 118.7



#10
Phenol
Concen: 41.387 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion: 94 Resp: 258477
Ion Ratio Lower Upper
94 100
65 37.1 11.3 51.3
66 56.8 24.9 64.9

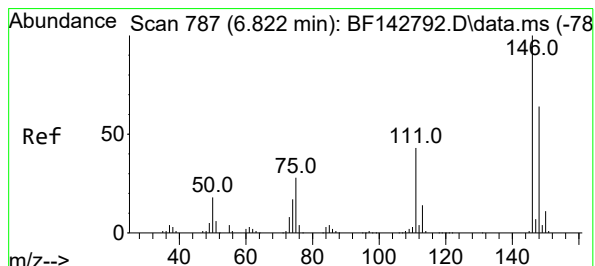
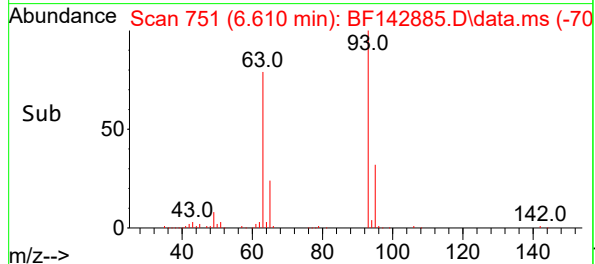
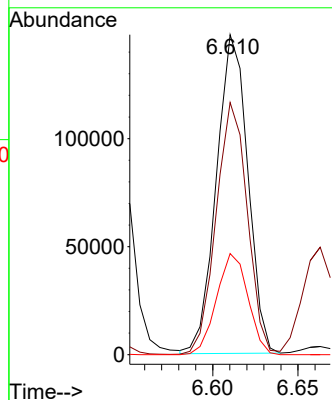
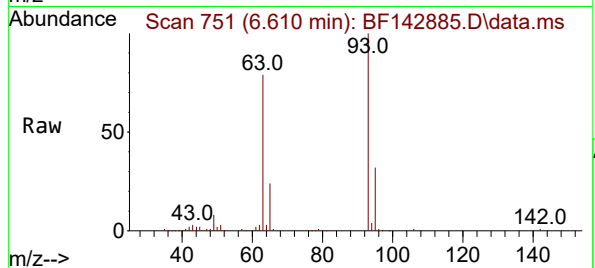




#11
bis(2-Chloroethyl)ether
Concen: 42.398 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

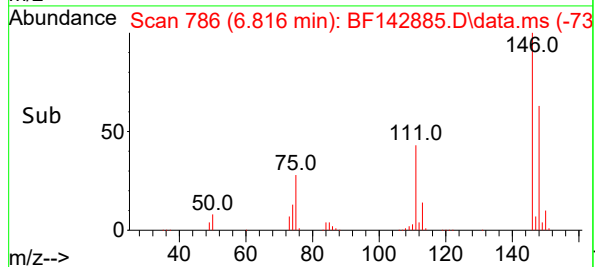
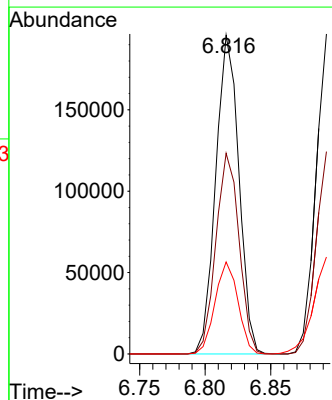
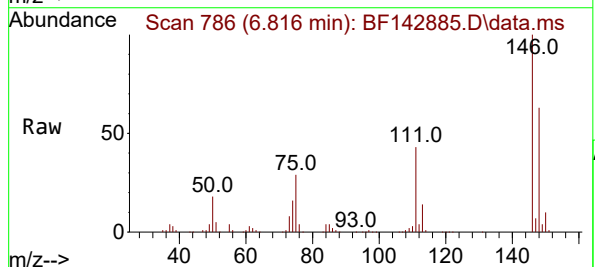
Instrument :
BNA_F
ClientSampleId :
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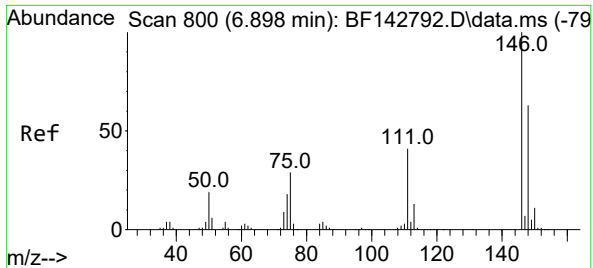
Tgt Ion: 93 Resp: 189250
Ion Ratio Lower Upper
93 100
63 78.8 60.3 100.3
95 31.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.740 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion: 146 Resp: 239808
Ion Ratio Lower Upper
146 100
148 62.9 51.1 76.7
75 28.9 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 41.686 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

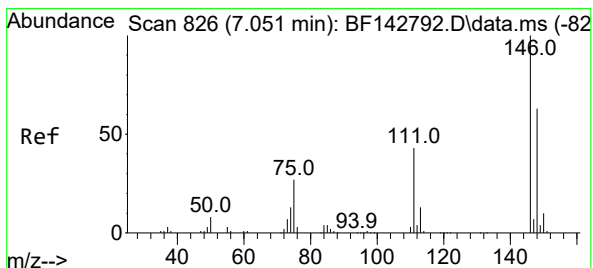
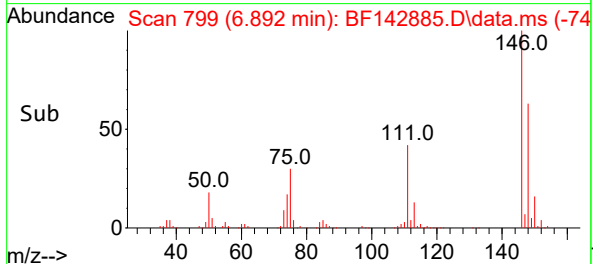
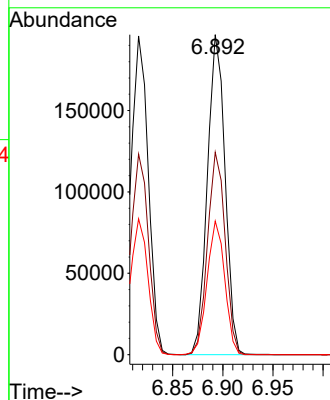
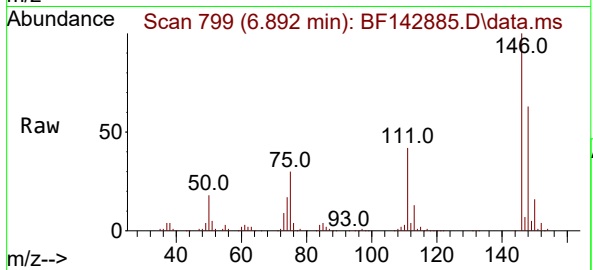
Tgt Ion:146 Resp: 241633

Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.2

111 41.8 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.307 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

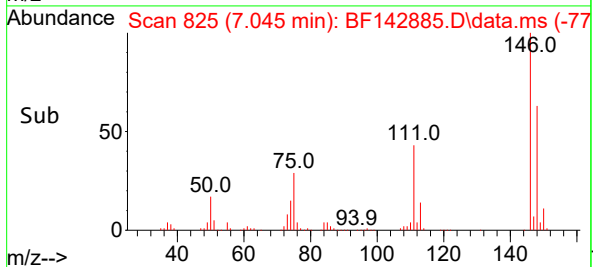
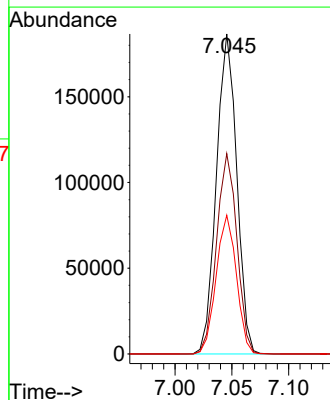
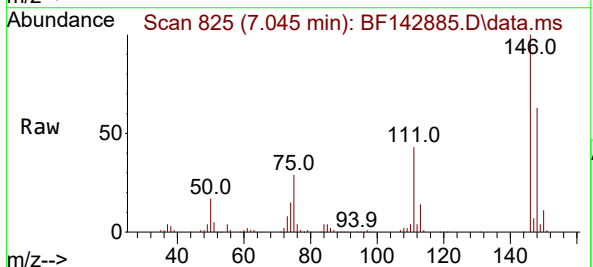
Tgt Ion:146 Resp: 232603

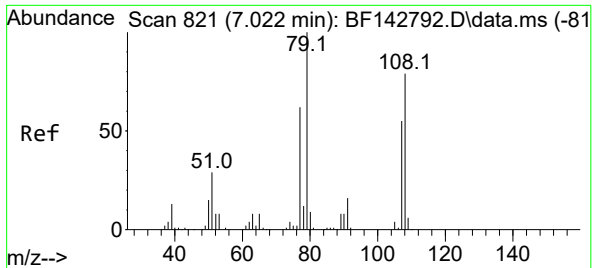
Ion Ratio Lower Upper

146 100

148 62.6 50.4 75.6

111 43.3 34.1 51.1





#15

Benzyl Alcohol

Concen: 44.017 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

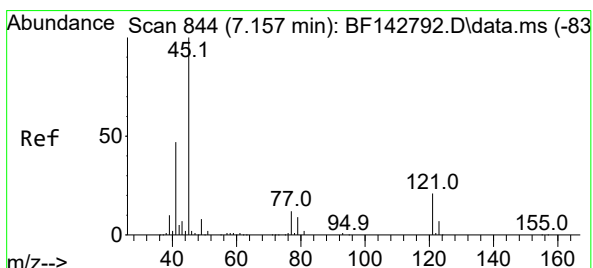
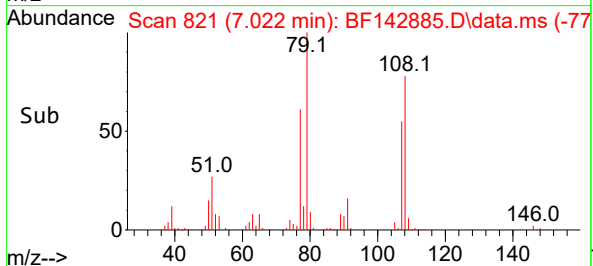
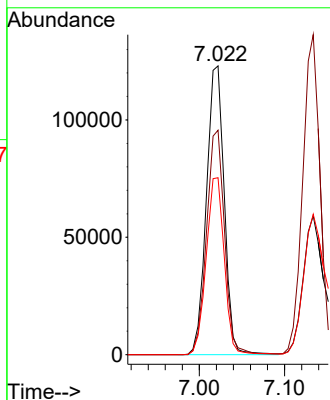
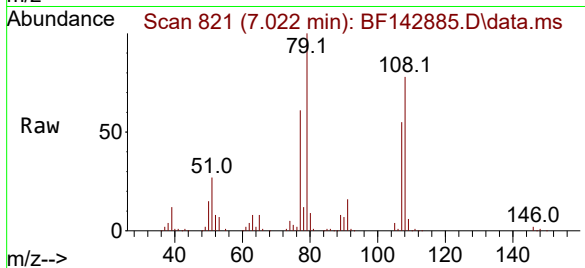
Tgt Ion: 79 Resp: 178788

Ion Ratio Lower Upper

79 100

108 77.7 63.4 95.0

77 61.3 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.723 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

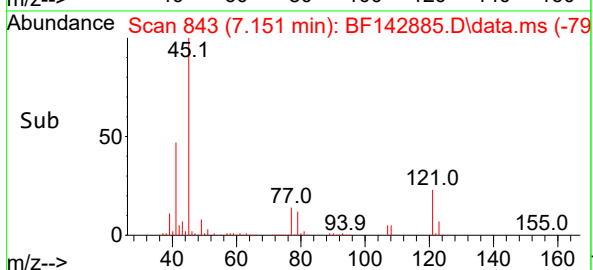
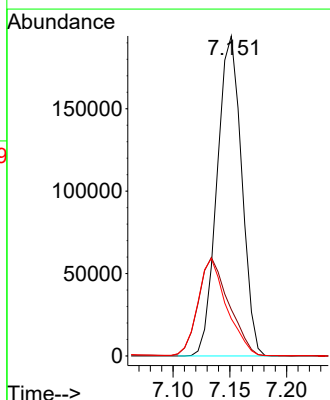
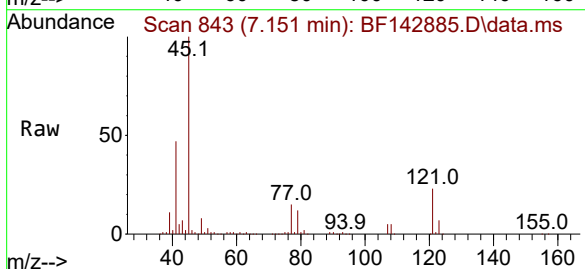
Tgt Ion: 45 Resp: 292050

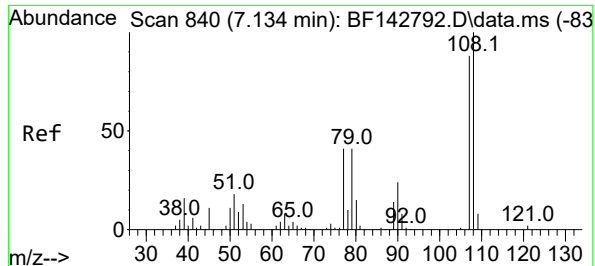
Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.8

79 11.6 0.0 29.8

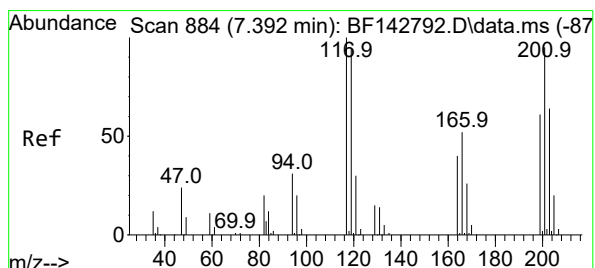
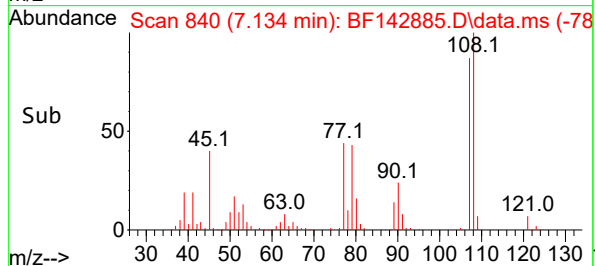
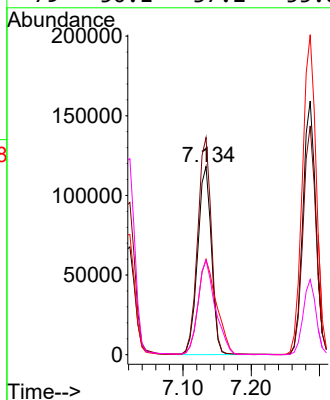
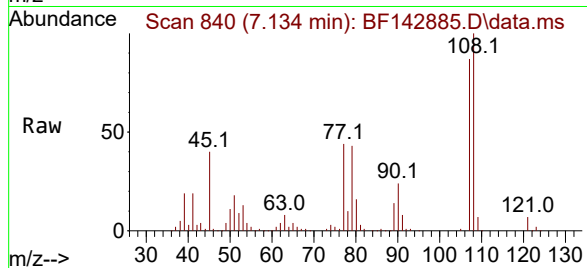




#17
2-Methylphenol
Concen: 42.634 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

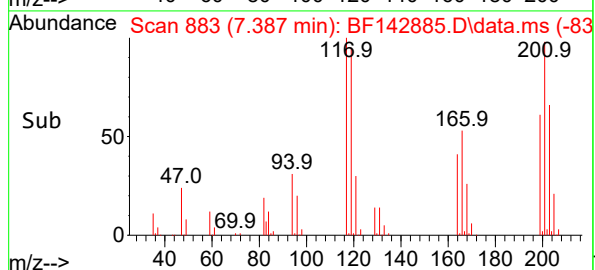
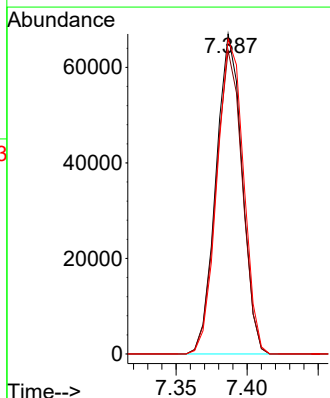
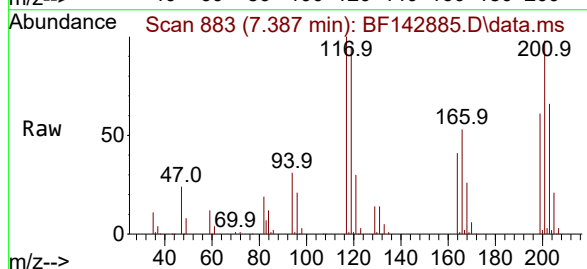
Instrument :
BNA_F
ClientSampleId :
PB168625BS

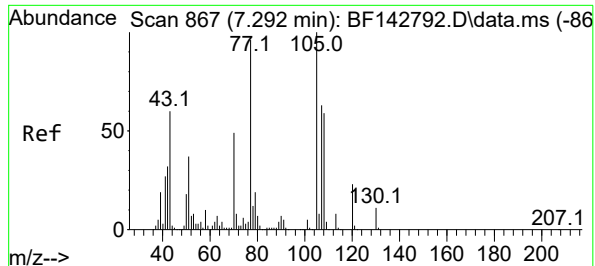
Tgt Ion:107 Resp: 165974
Ion Ratio Lower Upper
107 100
108 115.4 90.9 136.3
77 50.6 37.3 55.9
79 50.1 37.2 55.8



#18
Hexachloroethane
Concen: 42.132 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:117 Resp: 85422
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0
201 98.4 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 43.115 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

Tgt Ion: 70 Resp: 140888

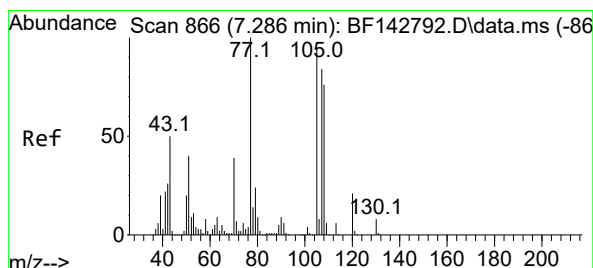
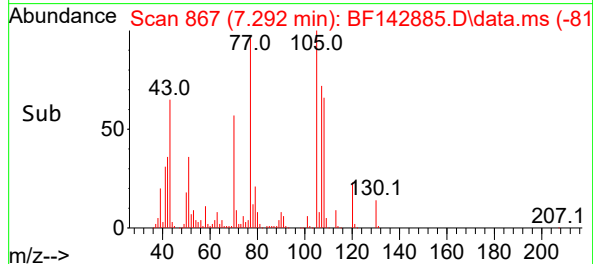
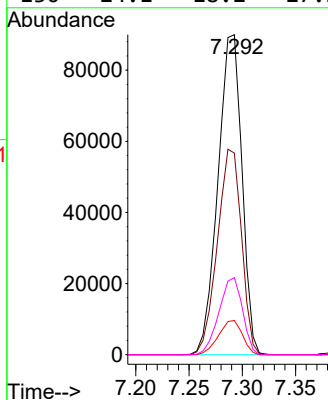
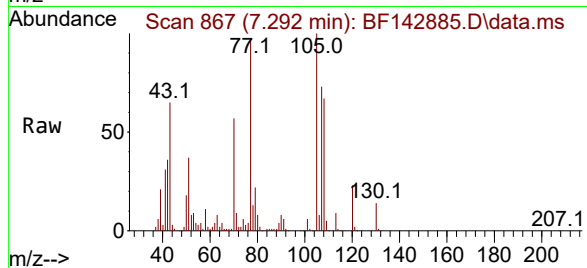
Ion Ratio Lower Upper

70 100

42 63.0 52.1 78.1

101 10.7 8.2 12.2

130 24.1 18.2 27.2



#20

3+4-Methylphenols

Concen: 43.728 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Tgt Ion: 107 Resp: 212248

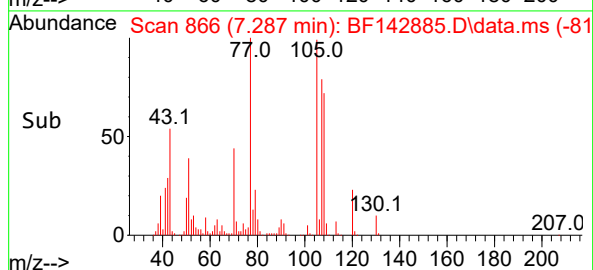
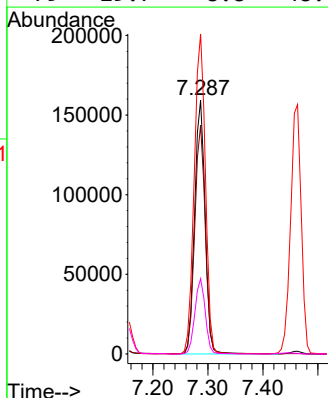
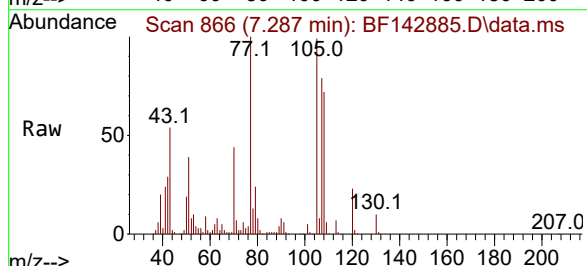
Ion Ratio Lower Upper

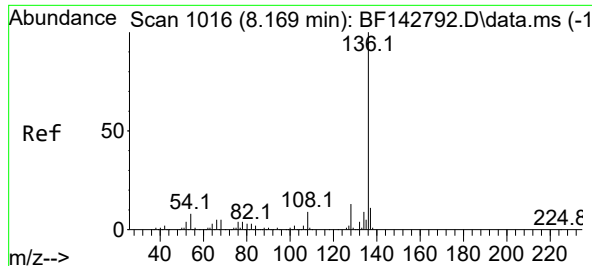
107 100

108 90.2 70.0 110.0

77 126.2 98.5 138.5

79 29.7 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: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

Tgt Ion:136 Resp: 306414

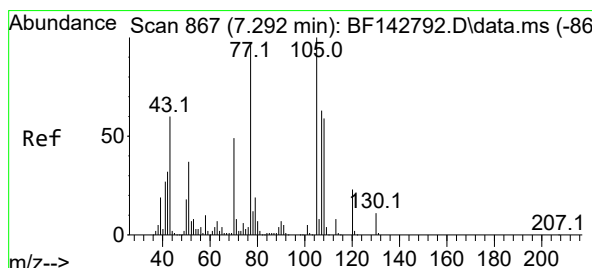
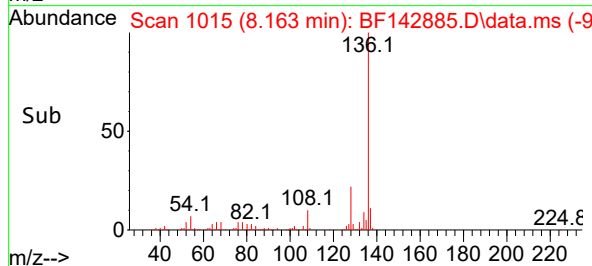
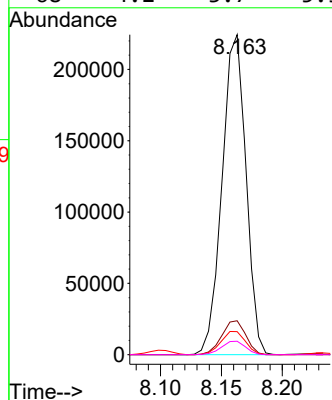
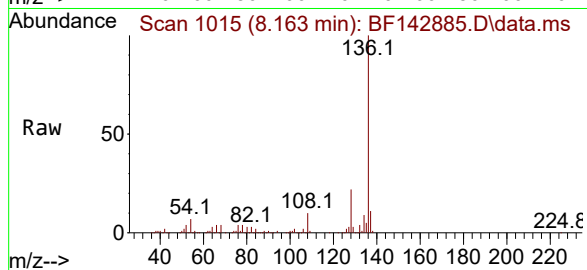
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.2 6.3 9.5

68 4.2 3.7 5.5



#22

Acetophenone

Concen: 42.461 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Tgt Ion:105 Resp: 286909

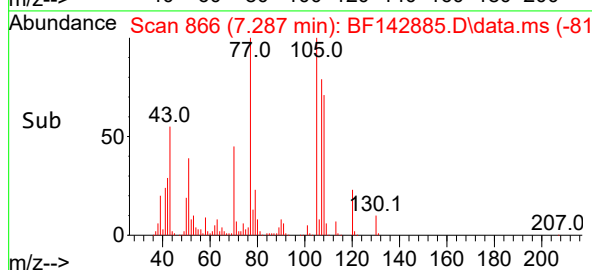
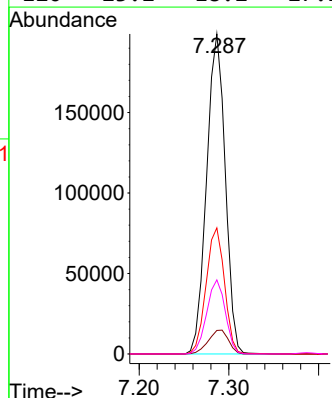
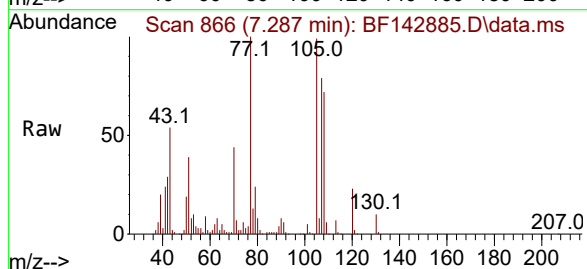
Ion Ratio Lower Upper

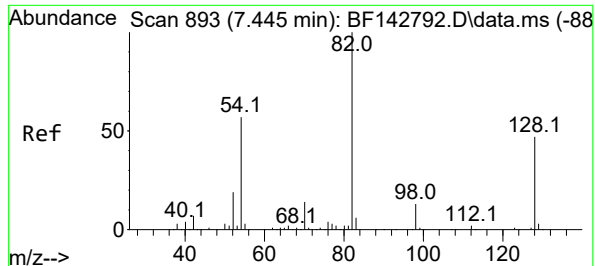
105 100

71 7.4 6.5 9.7

51 39.4 29.8 44.8

120 23.2 18.2 27.2





#23

Nitrobenzene-d5

Concen: 76.992 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

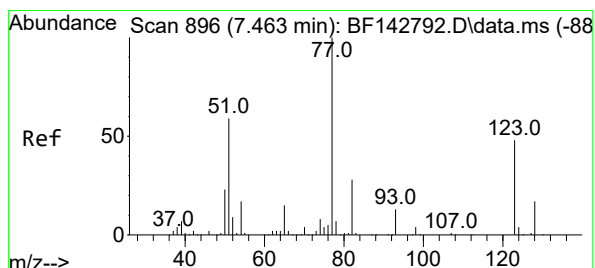
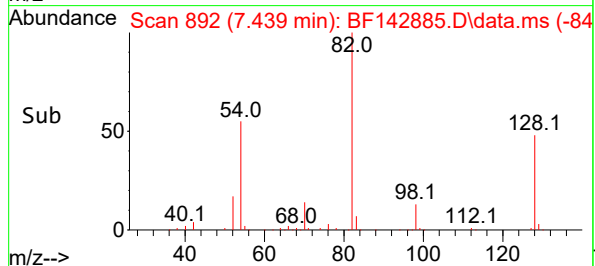
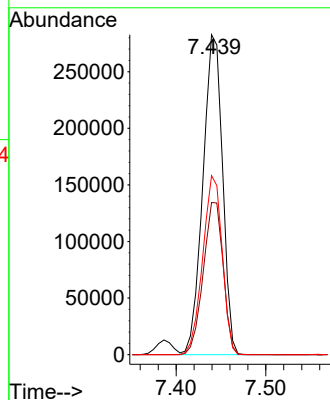
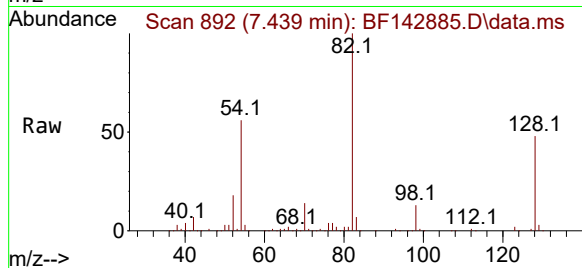
Tgt Ion: 82 Resp: 430100

Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

54 55.9 45.7 68.5



#24

Nitrobenzene

Concen: 41.685 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

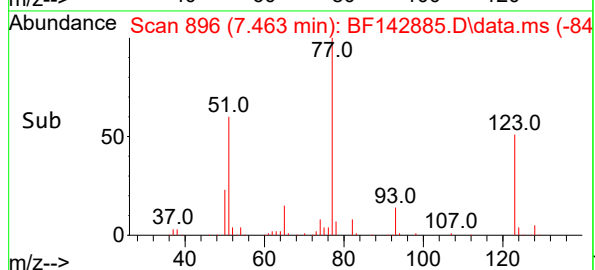
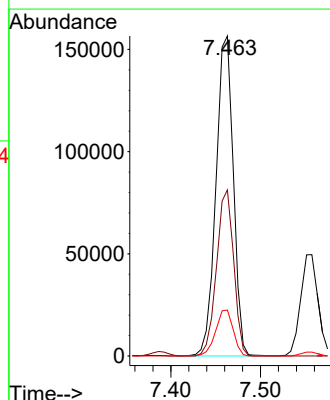
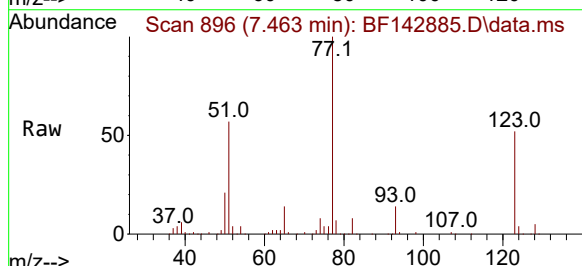
Tgt Ion: 77 Resp: 210767

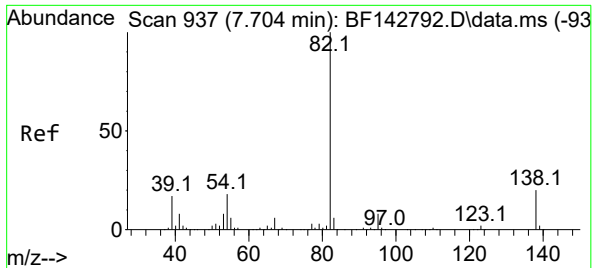
Ion Ratio Lower Upper

77 100

123 51.9 39.2 58.8

65 14.4 11.6 17.4

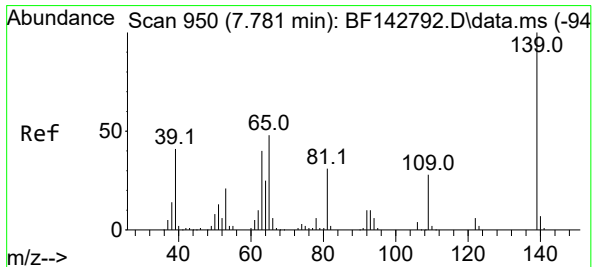
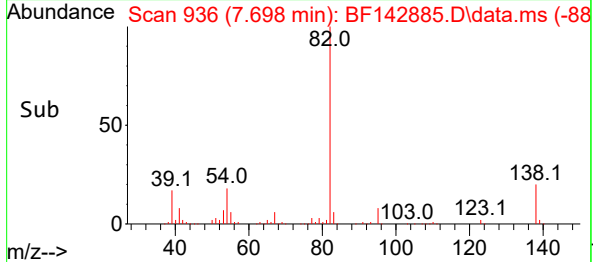
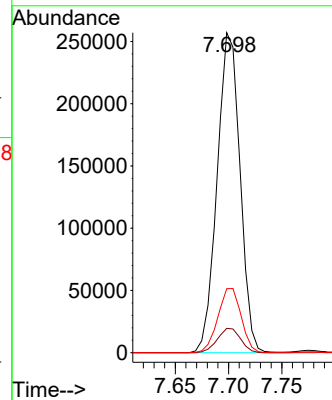
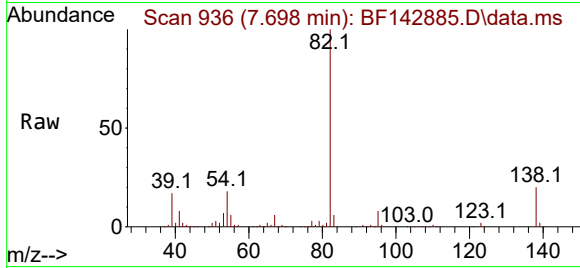




#25
Isophorone
Concen: 42.908 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

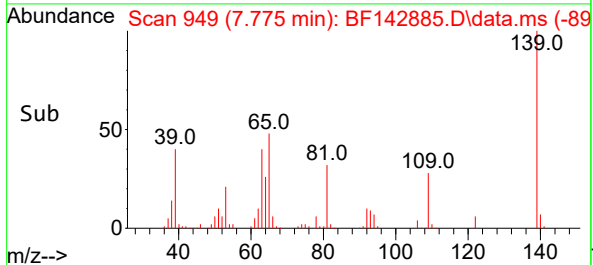
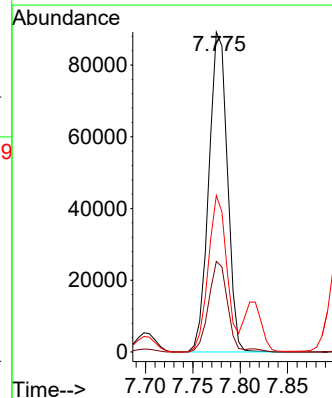
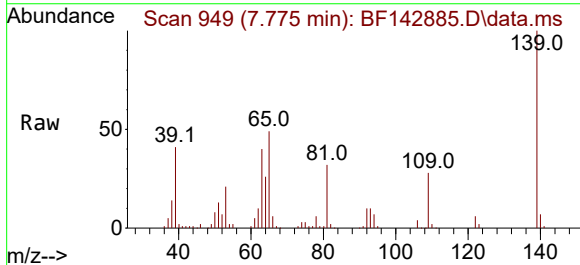
Instrument :
BNA_F
ClientSampleId :
PB168625BS

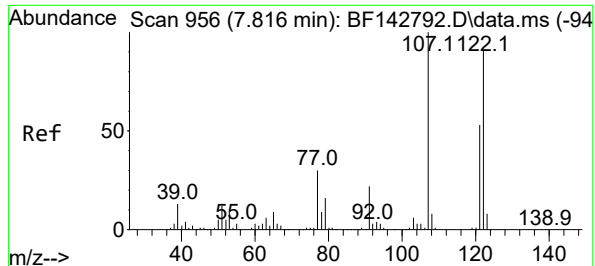
Tgt Ion: 82 Resp: 384510
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 20.0 16.2 24.4



#26
2-Nitrophenol
Concen: 44.101 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:139 Resp: 121467
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 48.9 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.591 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

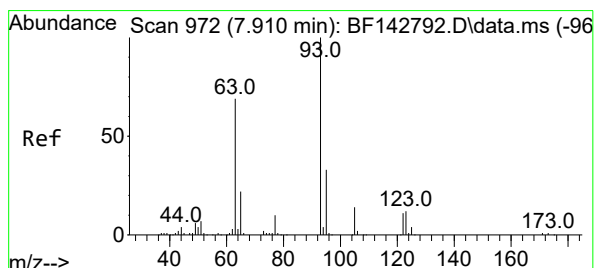
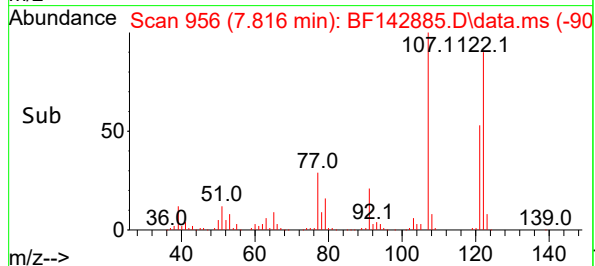
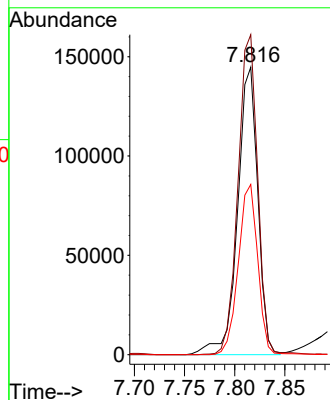
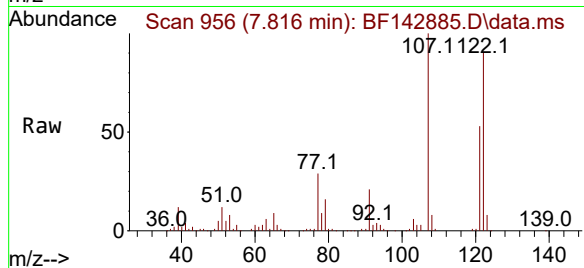
Tgt Ion:122 Resp: 203196

Ion Ratio Lower Upper

122 100

107 111.3 88.0 132.0

121 59.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.372 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

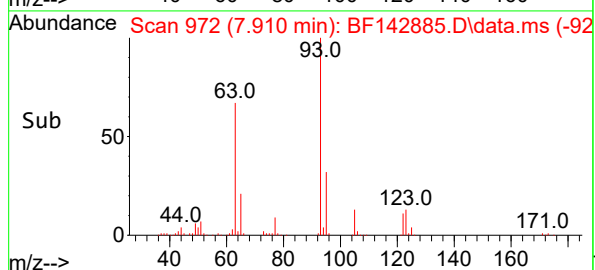
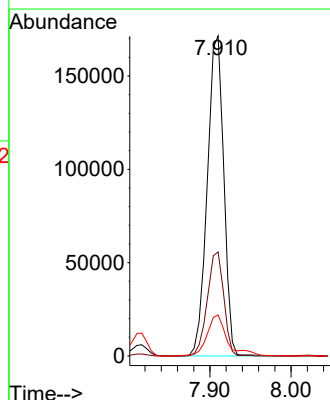
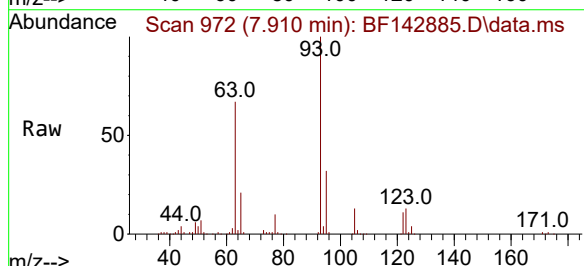
Tgt Ion: 93 Resp: 241404

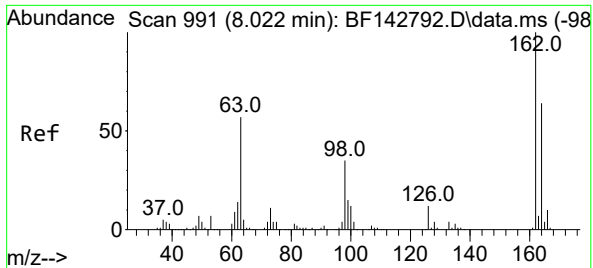
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.8 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.674 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

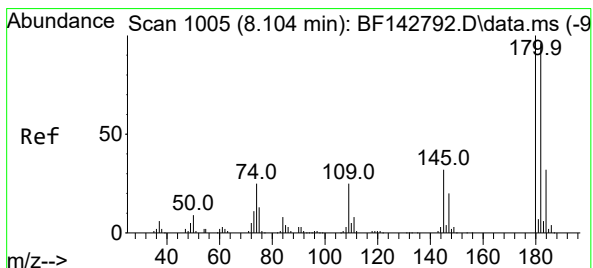
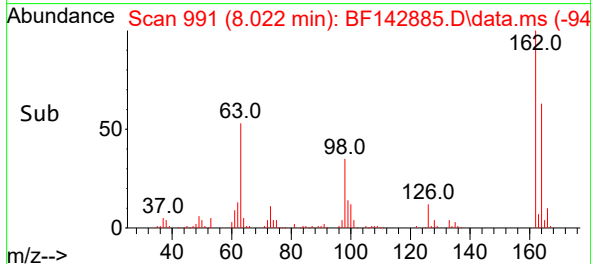
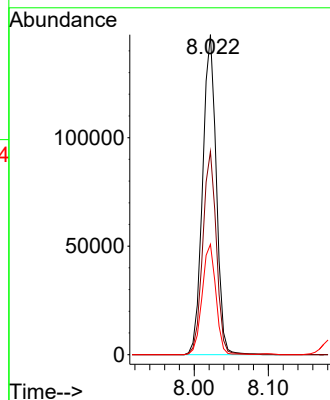
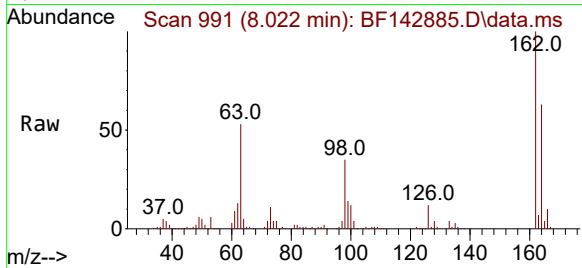
Tgt Ion:162 Resp: 188927

Ion Ratio Lower Upper

162 100

164 63.5 44.0 84.0

98 34.5 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.222 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

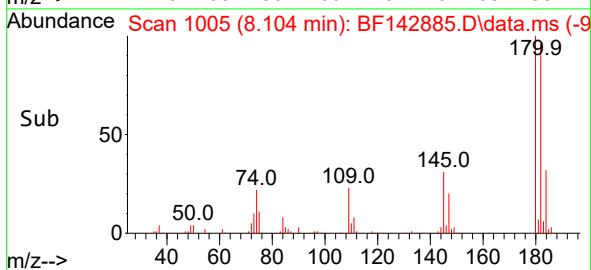
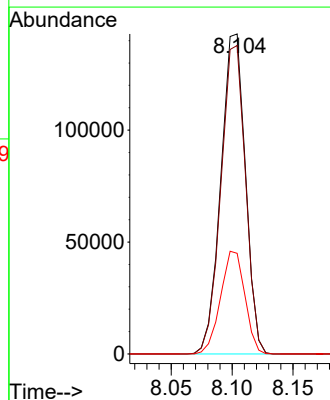
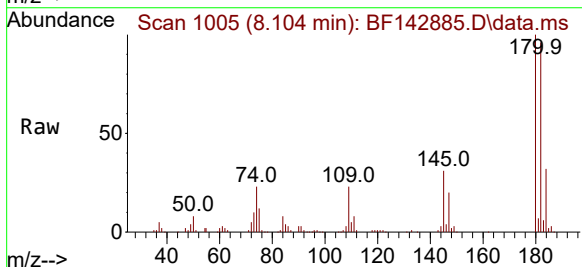
Tgt Ion:180 Resp: 200843

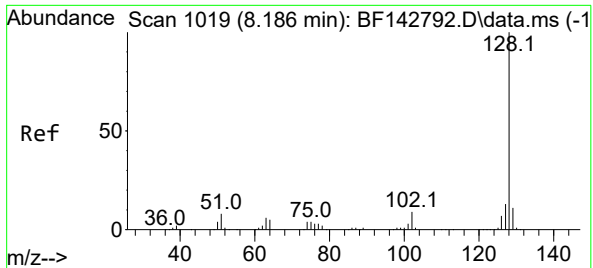
Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

145 31.5 25.8 38.8





#31

Naphthalene

Concen: 42.576 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

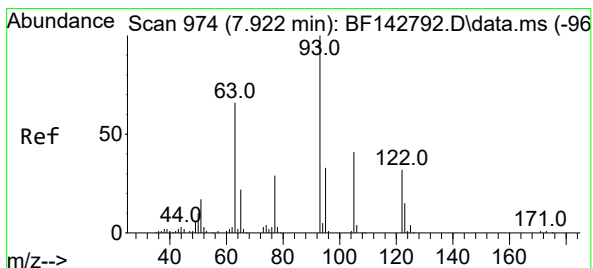
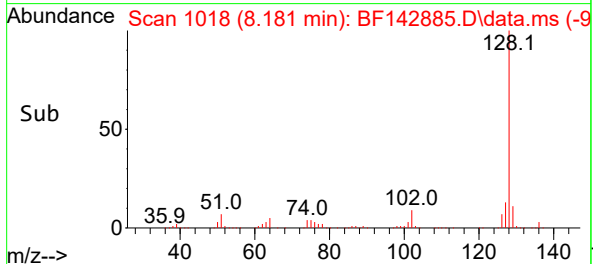
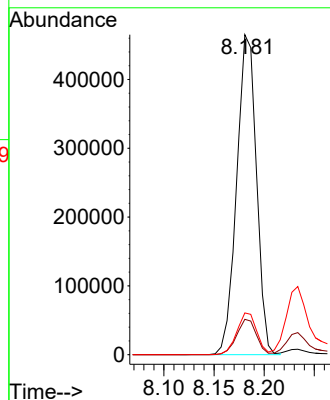
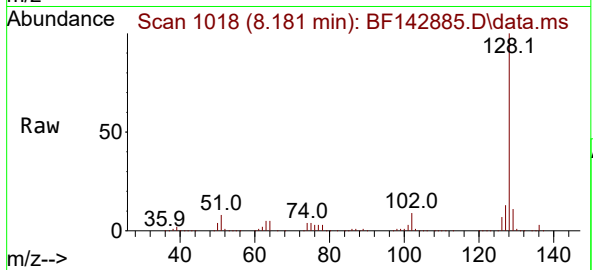
Tgt Ion:128 Resp: 638576

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 48.081 ng

RT: 7.945 min Scan# 978

Delta R.T. 0.024 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

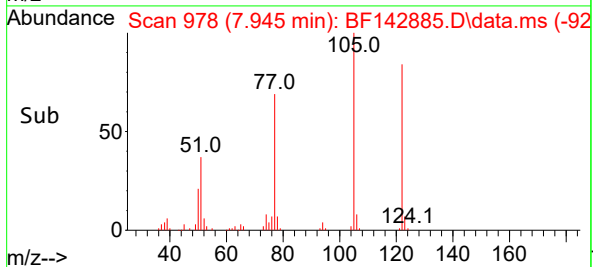
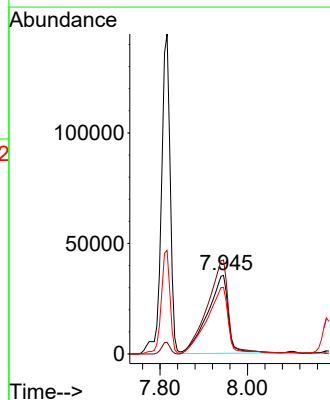
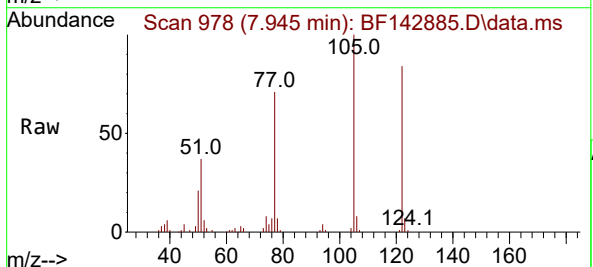
Tgt Ion:122 Resp: 116917

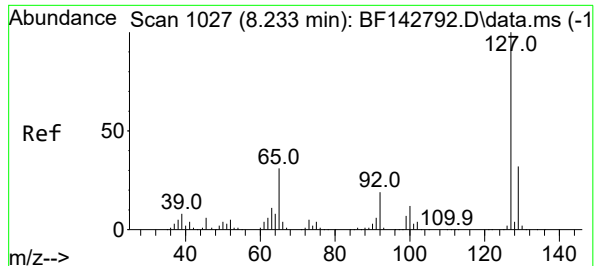
Ion Ratio Lower Upper

122 100

105 119.6 104.7 144.7

77 84.7 70.2 110.2





#33

4-Chloroaniline

Concen: 27.701 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

Tgt Ion:127 Resp: 168937

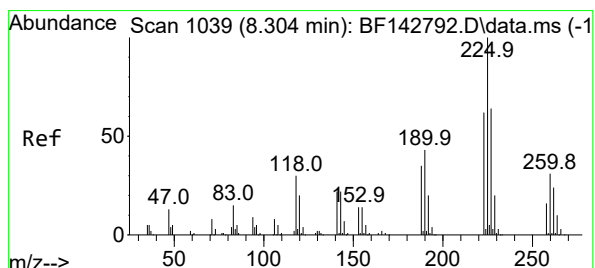
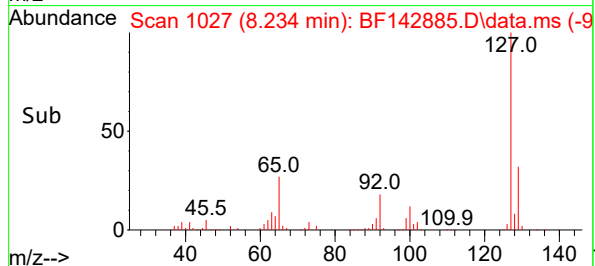
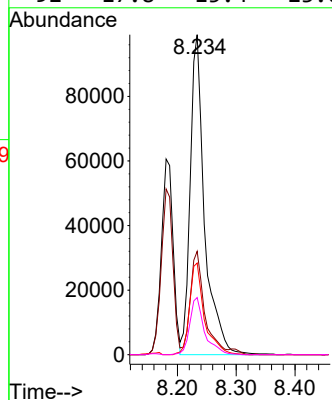
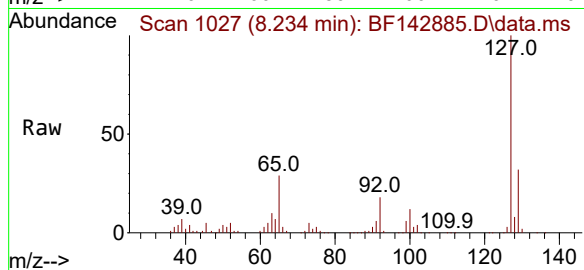
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 28.6 24.6 36.8

92 17.8 15.4 23.0



#34

Hexachlorobutadiene

Concen: 41.901 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

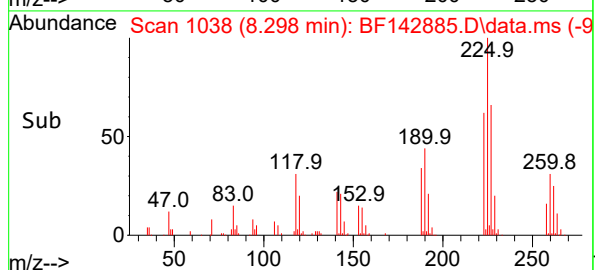
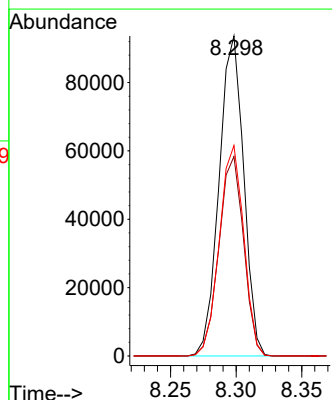
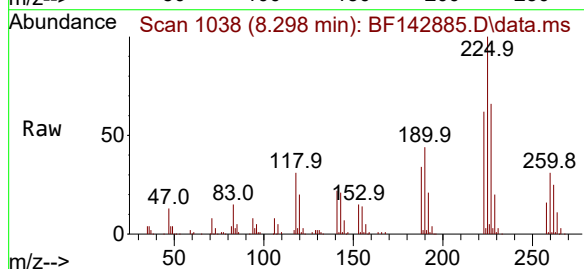
Tgt Ion:225 Resp: 121916

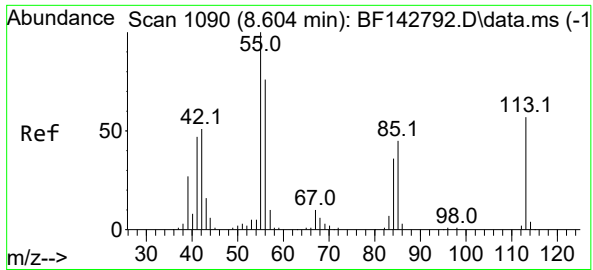
Ion Ratio Lower Upper

225 100

223 62.3 49.9 74.9

227 65.7 51.4 77.0





#35

Caprolactam

Concen: 50.733 ng m

RT: 8.604 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

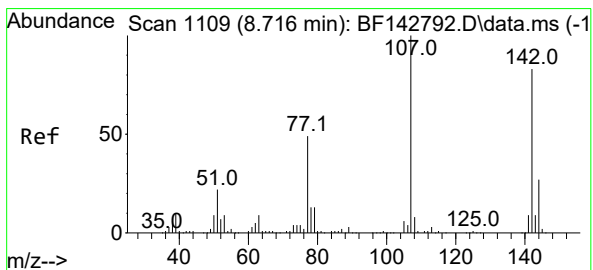
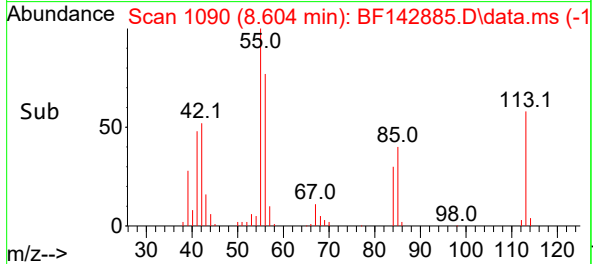
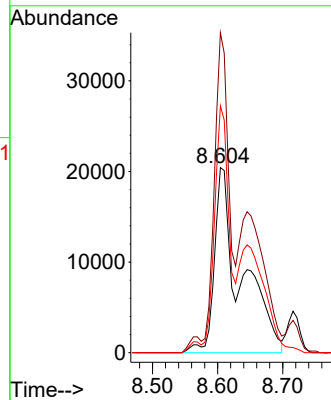
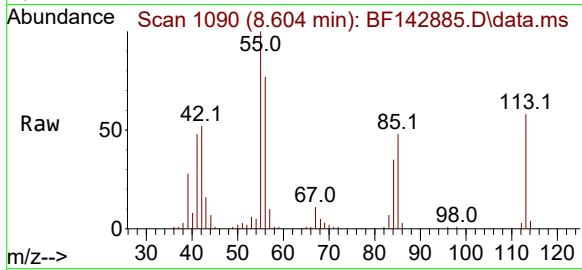
Tgt Ion:113 Resp: 57912

Ion Ratio Lower Upper

113 100

55 172.9 154.4 194.4

56 133.4 112.1 152.1



#36

4-Chloro-3-methylphenol

Concen: 44.737 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

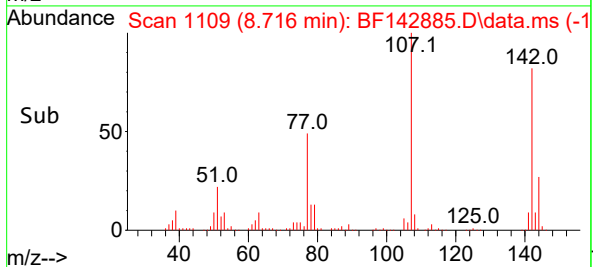
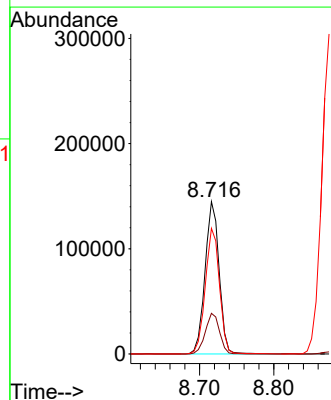
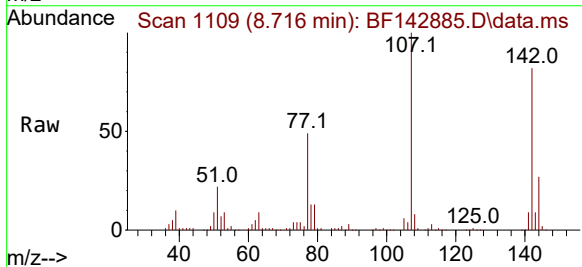
Tgt Ion:107 Resp: 192336

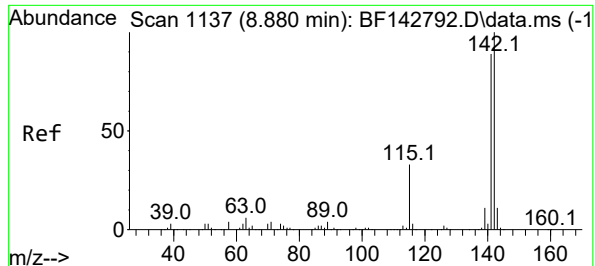
Ion Ratio Lower Upper

107 100

144 26.7 21.3 31.9

142 82.4 66.6 100.0

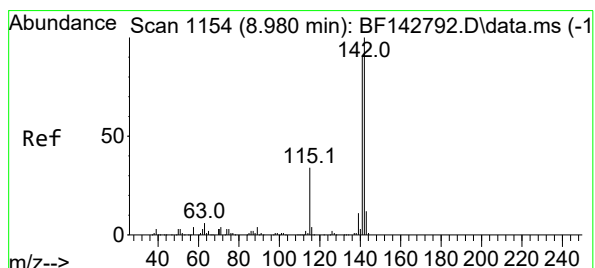
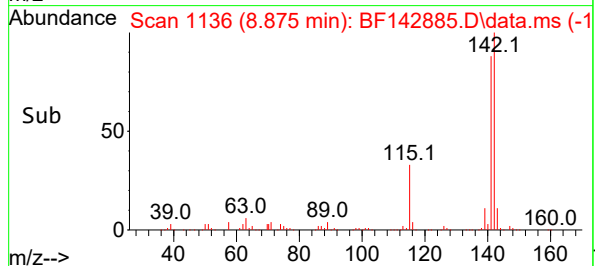
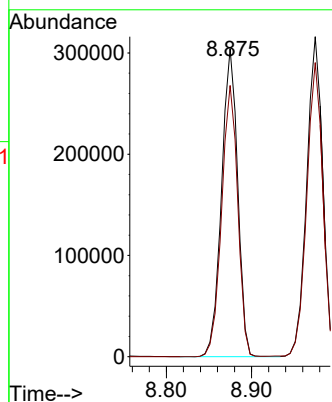
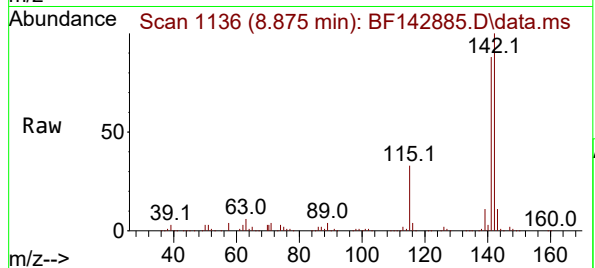




#37
2-Methylnaphthalene
Concen: 43.008 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

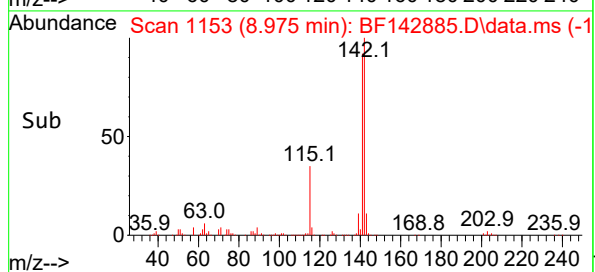
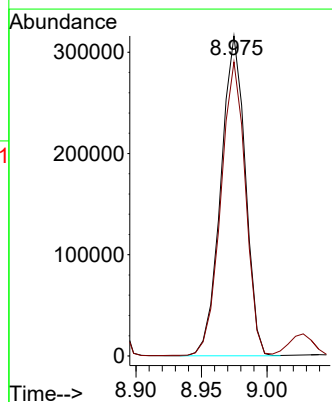
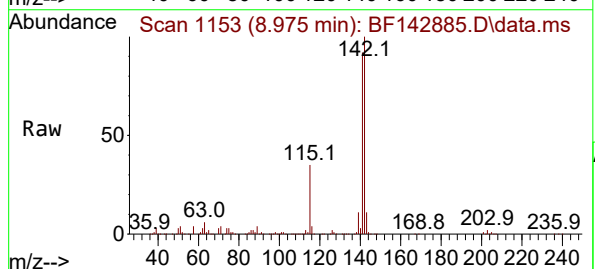
Instrument :
BNA_F
ClientSampleId :
PB168625BS

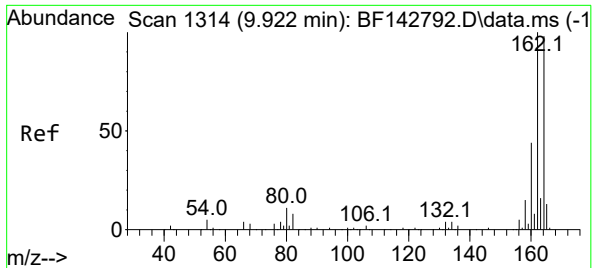
Tgt Ion:142 Resp: 399906
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3



#38
1-Methylnaphthalene
Concen: 42.641 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:142 Resp: 410444
Ion Ratio Lower Upper
142 100
141 91.9 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: BF142885.D

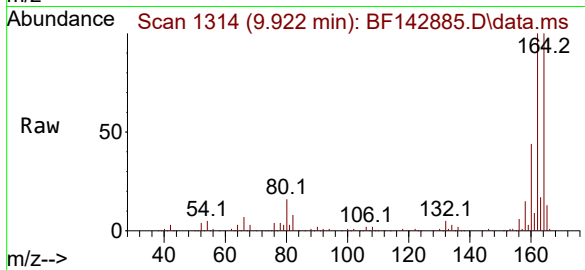
Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS



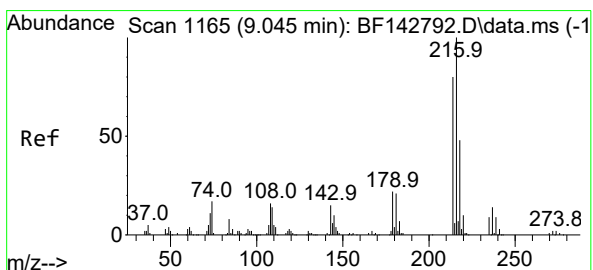
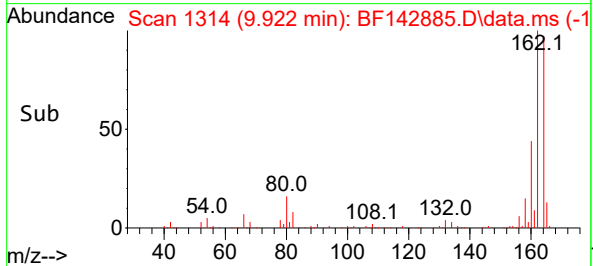
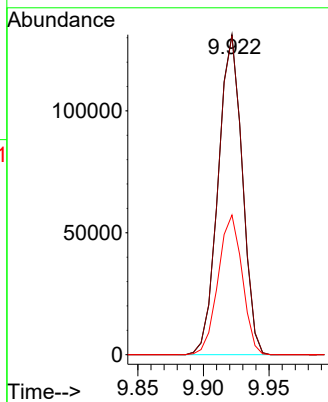
Tgt Ion:164 Resp: 167156

Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.8

160 43.7 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.330 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Tgt Ion:216 Resp: 203850

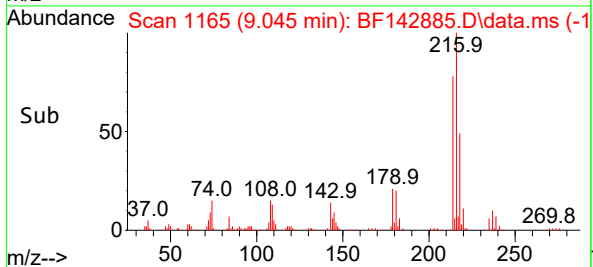
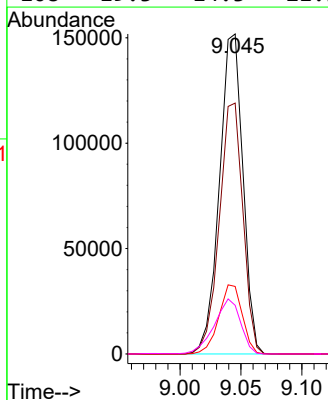
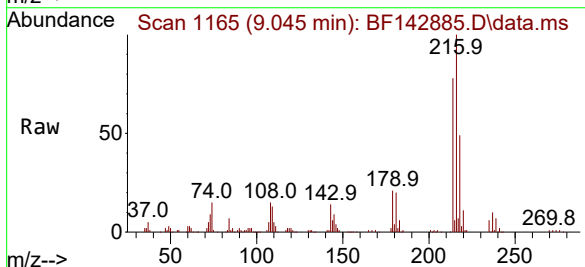
Ion Ratio Lower Upper

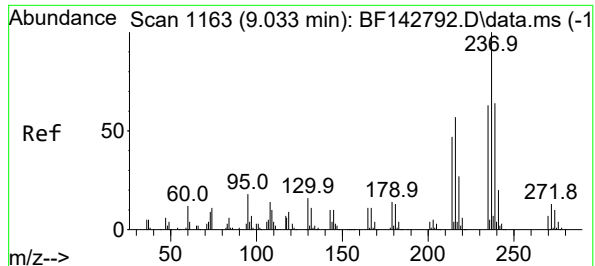
216 100

214 78.6 63.7 95.5

179 21.6 17.6 26.4

108 19.3 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 83.852 ng

RT: 9.028 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

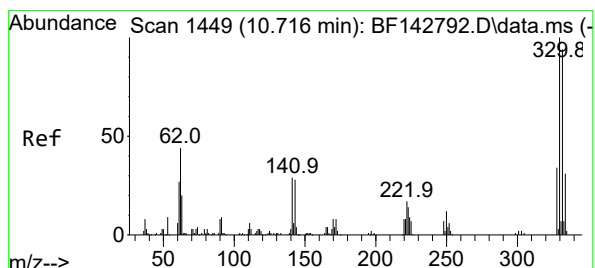
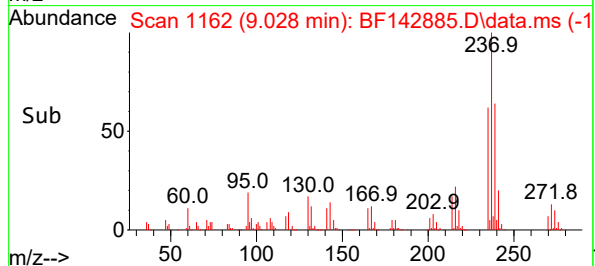
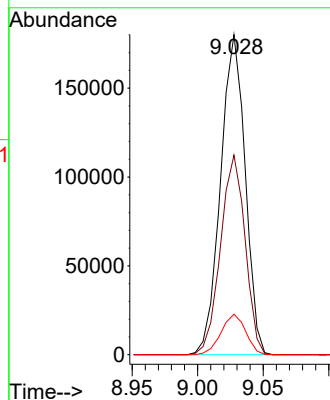
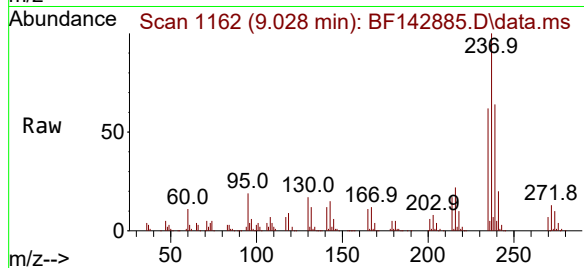
Tgt Ion:237 Resp: 234698

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: 132.097 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

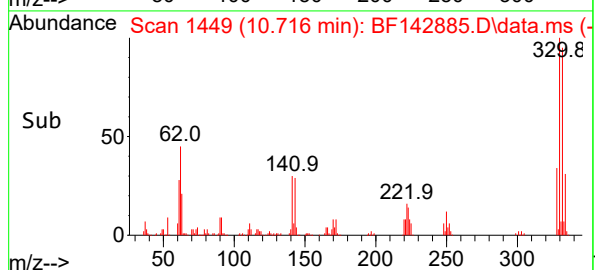
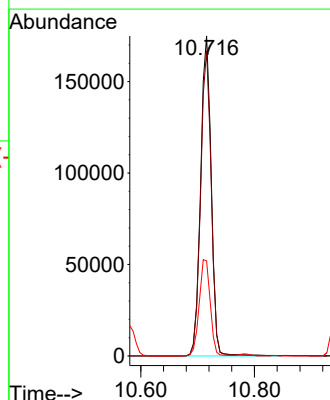
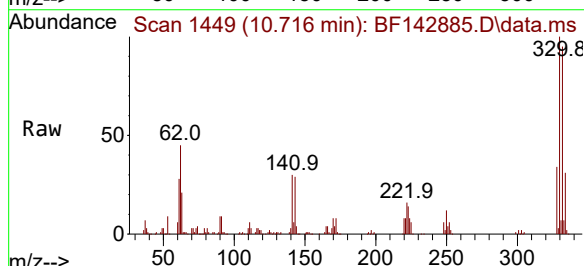
Tgt Ion:330 Resp: 227226

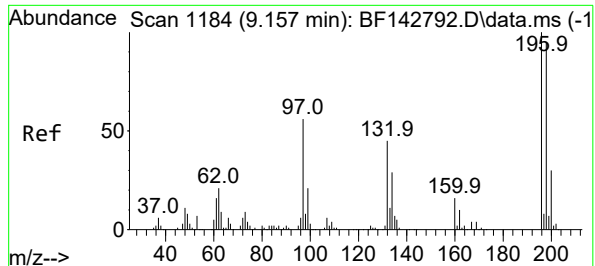
Ion Ratio Lower Upper

330 100

332 95.5 75.0 112.6

141 31.4 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 42.660 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142885.D

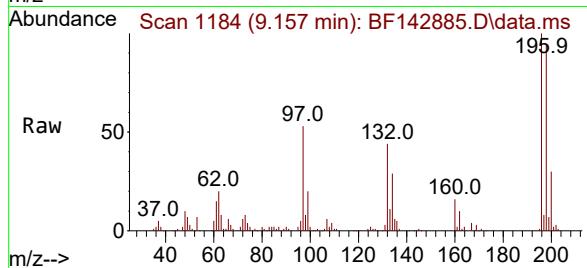
Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS



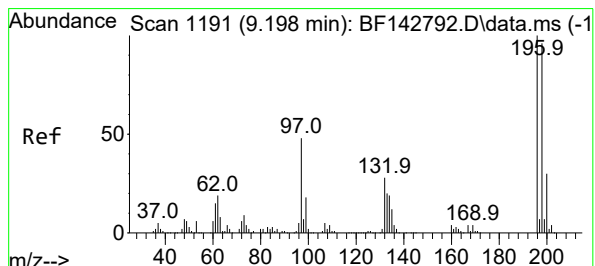
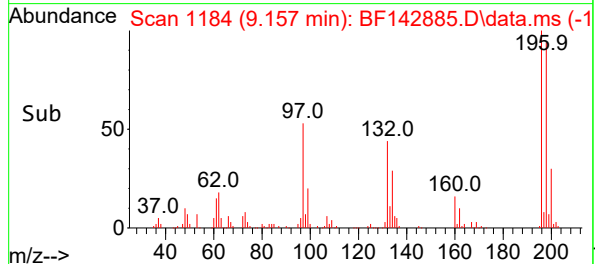
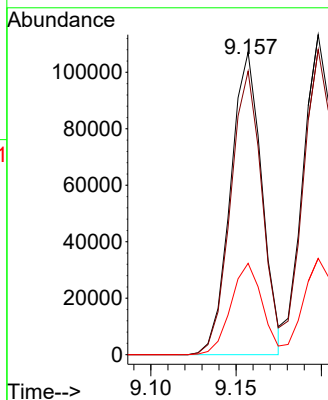
Tgt Ion:196 Resp: 137107

Ion Ratio Lower Upper

196 100

198 93.7 76.2 114.2

200 30.2 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.994 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Tgt Ion:196 Resp: 145459

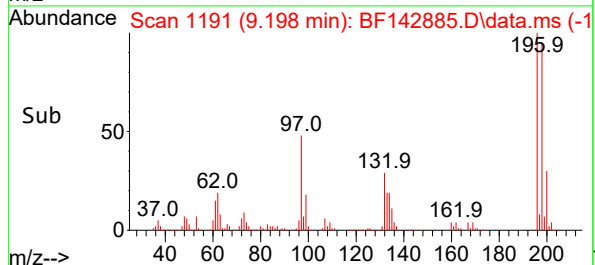
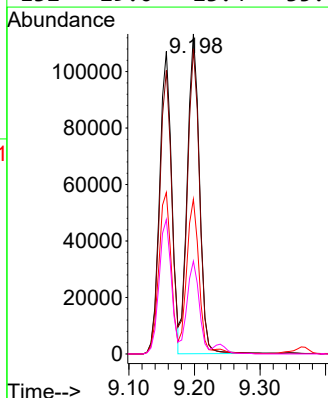
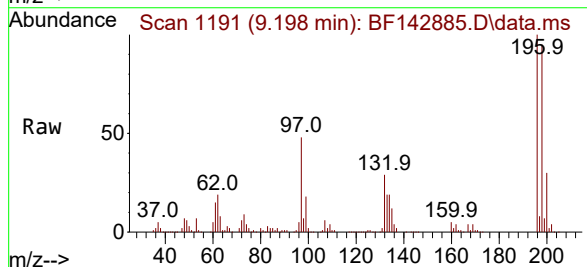
Ion Ratio Lower Upper

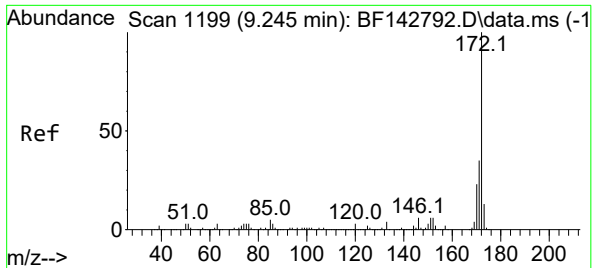
196 100

198 95.4 76.6 115.0

97 48.3 38.2 57.2

132 29.0 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 74.728 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

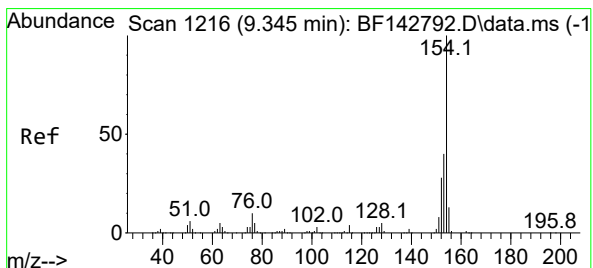
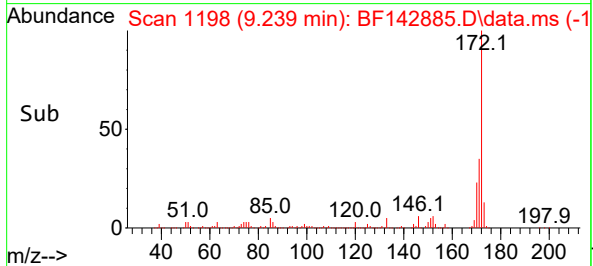
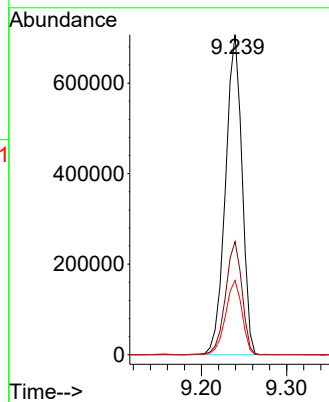
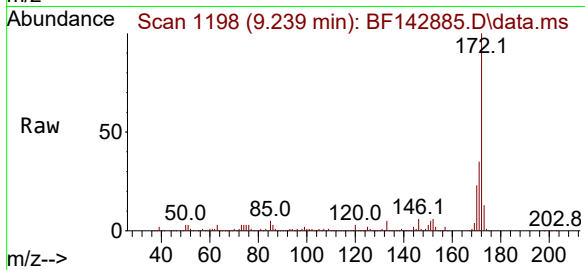
Tgt Ion:172 Resp: 950860

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.2 18.5 27.7



#46

1,1'-Biphenyl

Concen: 41.762 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

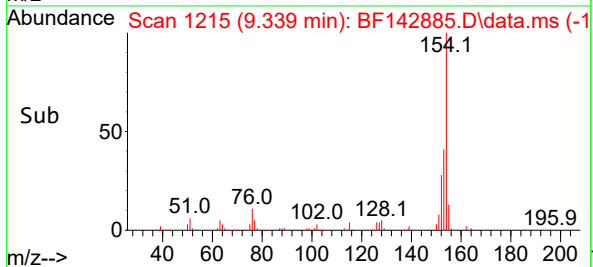
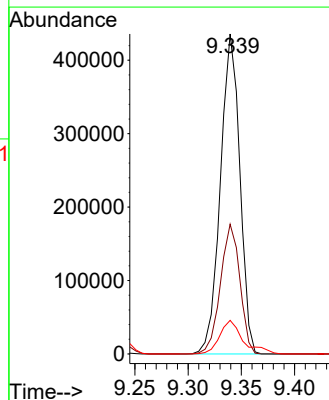
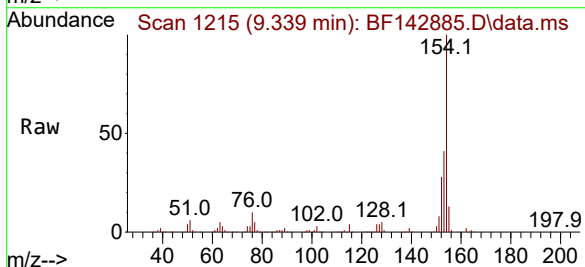
Tgt Ion:154 Resp: 551449

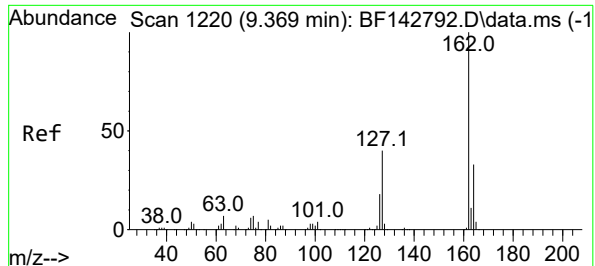
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 10.5 0.0 30.3





#47

2-Chloronaphthalene

Concen: 41.153 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

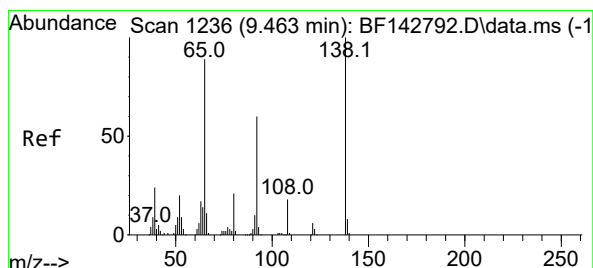
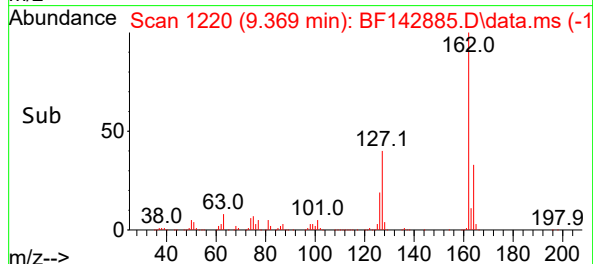
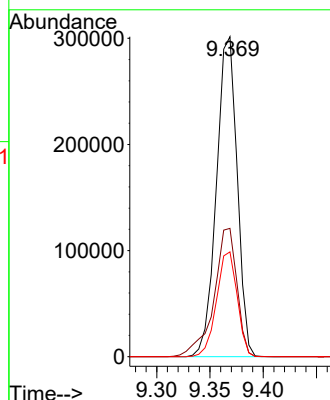
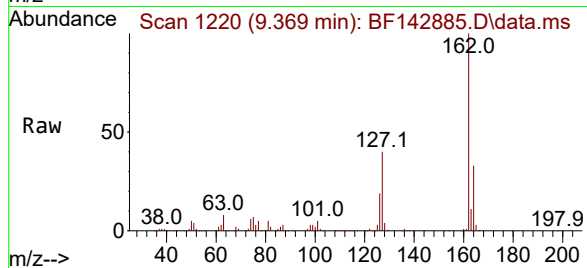
Tgt Ion:162 Resp: 407787

Ion Ratio Lower Upper

162 100

127 40.1 32.2 48.2

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 44.224 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

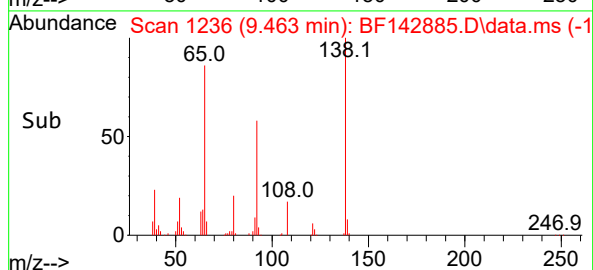
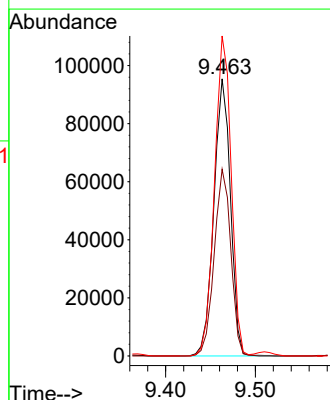
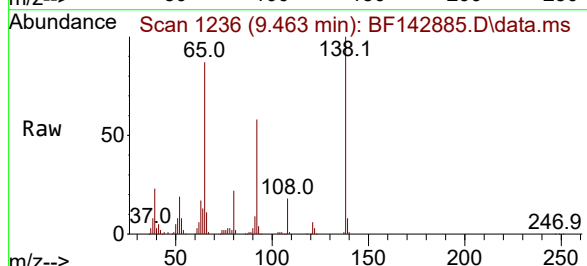
Tgt Ion: 65 Resp: 122855

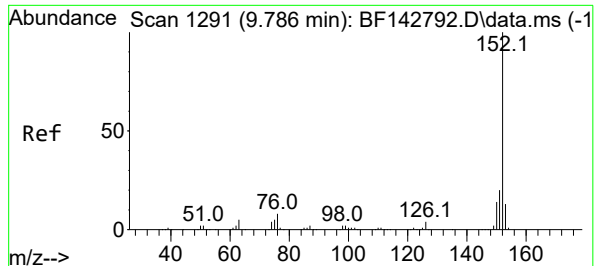
Ion Ratio Lower Upper

65 100

92 67.4 53.8 80.6

138 115.5 89.6 134.4





#49

Acenaphthylene

Concen: 42.182 ng

RT: 9.781 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

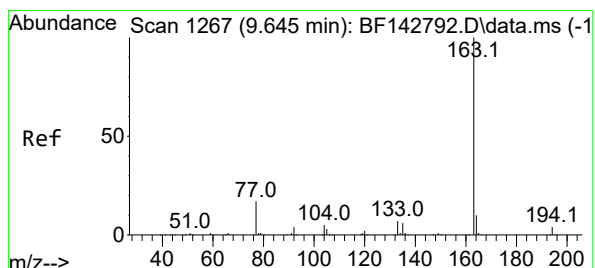
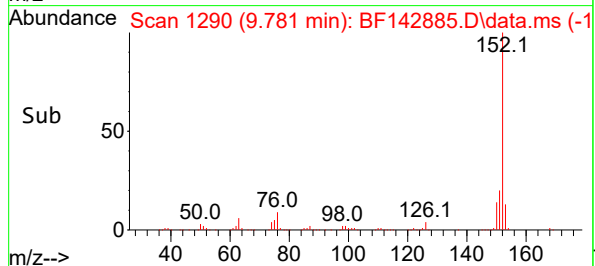
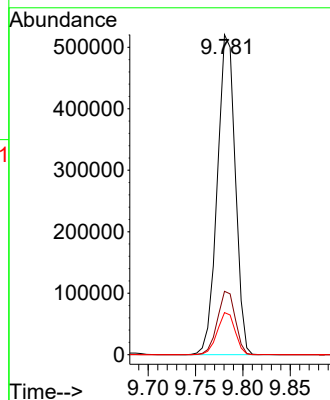
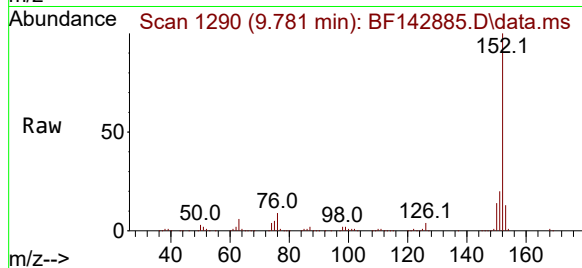
Tgt Ion:152 Resp: 688079

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 45.499 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

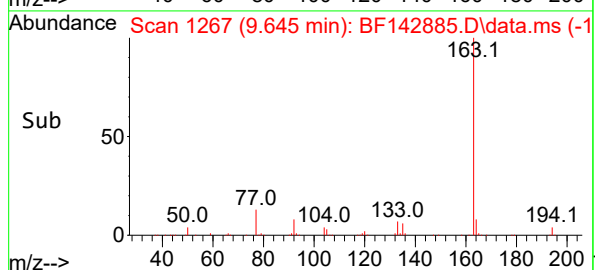
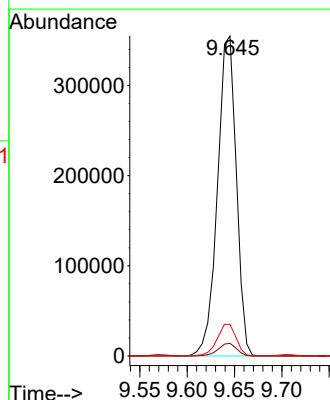
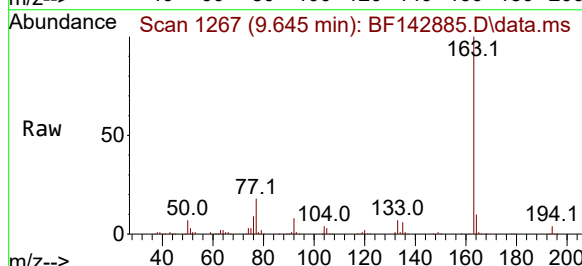
Tgt Ion:163 Resp: 492303

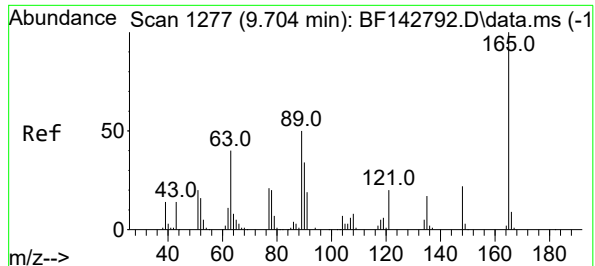
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

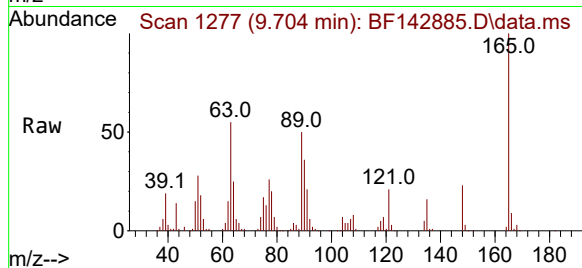
164 9.9 8.0 12.0



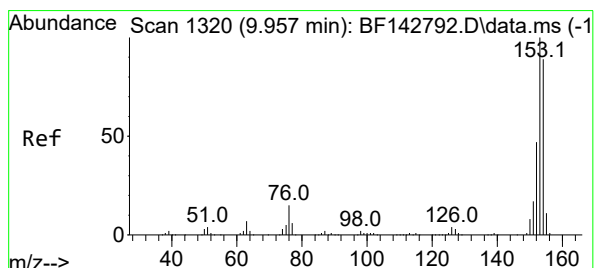
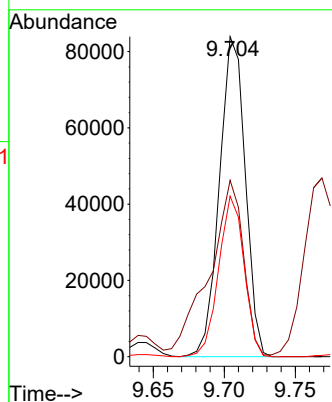
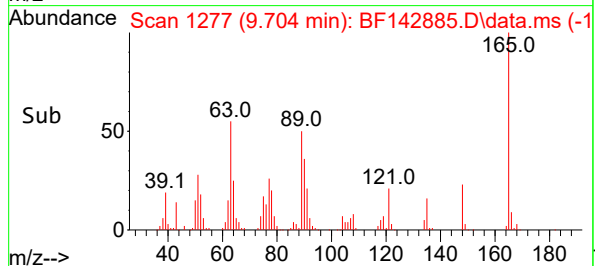


#51
2,6-Dinitrotoluene
Concen: 44.714 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Instrument :
BNA_F
ClientSampleId :
PB168625BS

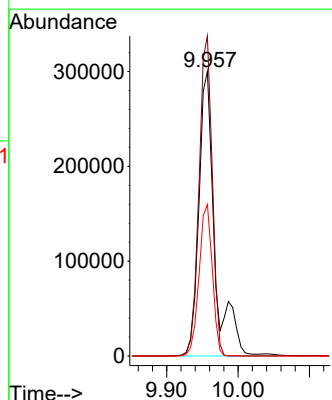
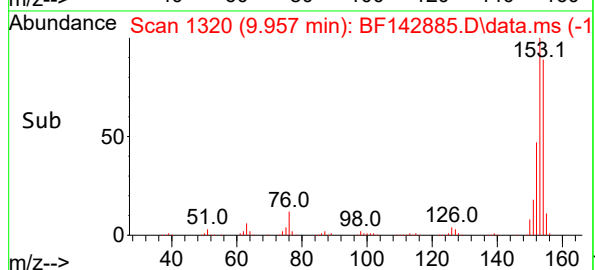
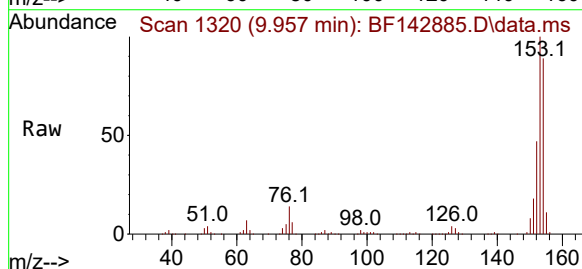


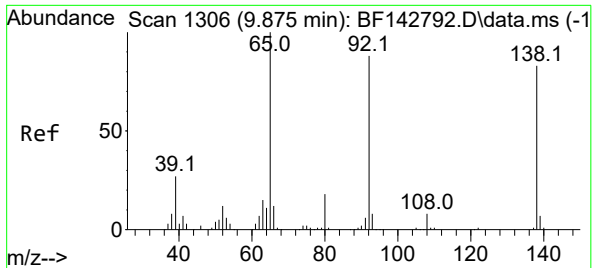
Tgt Ion:165 Resp: 106248
Ion Ratio Lower Upper
165 100
63 55.1 44.2 66.4
89 50.1 39.8 59.8



#52
Acenaphthene
Concen: 46.904 ng m
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:154 Resp: 466815
Ion Ratio Lower Upper
154 100
153 112.5 90.0 135.0
152 53.3 41.9 62.9

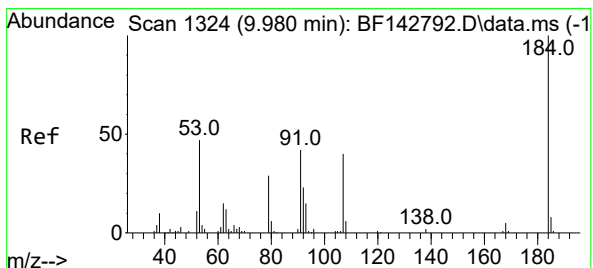
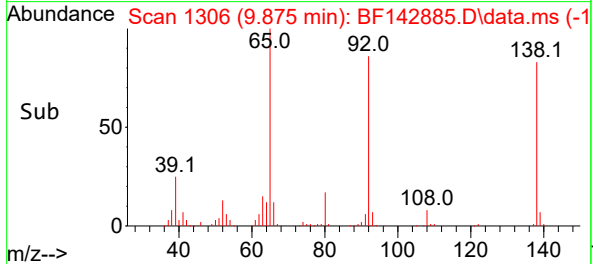
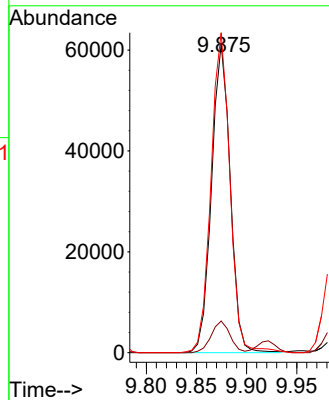
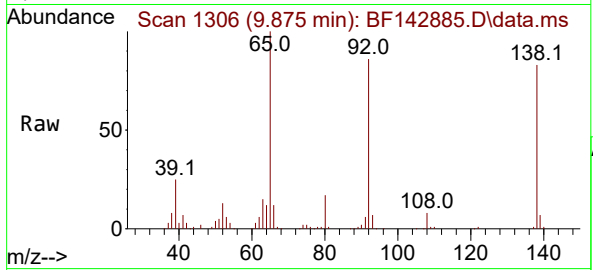




#53
3-Nitroaniline
Concen: 30.332 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

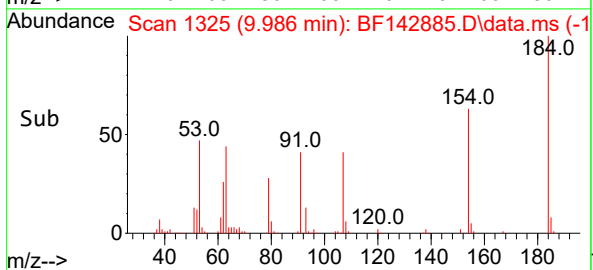
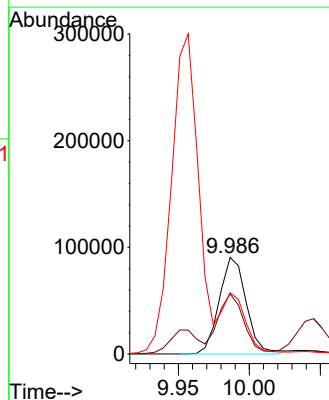
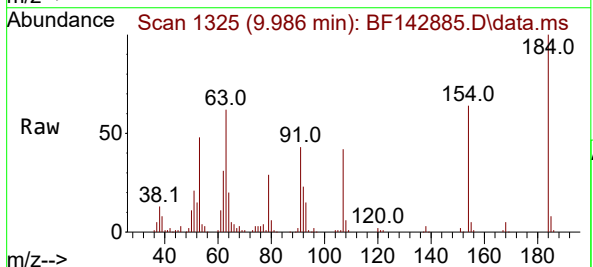
Instrument :
BNA_F
ClientSampleId :
PB168625BS

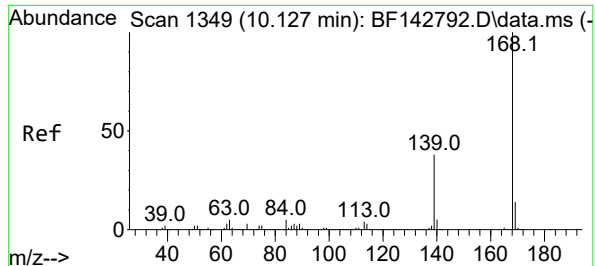
Tgt Ion:138 Resp: 79354
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 103.6 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 100.486 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:184 Resp: 119559
Ion Ratio Lower Upper
184 100
63 62.3 50.6 75.8
154 63.5 51.8 77.8





#55

Dibenzofuran

Concen: 42.491 ng

RT: 10.128 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

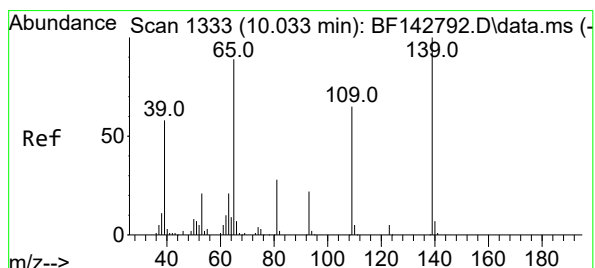
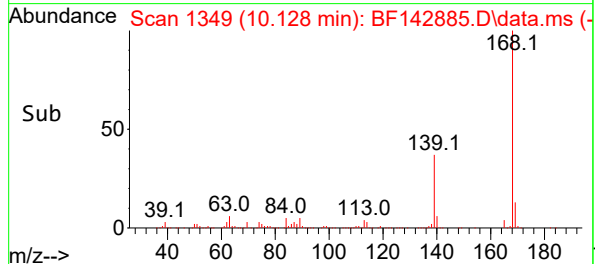
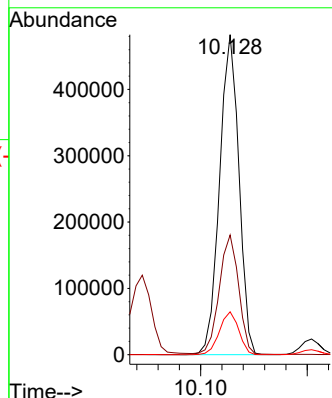
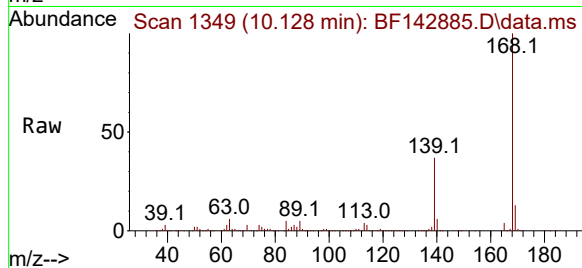
Tgt Ion:168 Resp: 606412

Ion Ratio Lower Upper

168 100

139 37.4 30.2 45.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 93.237 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

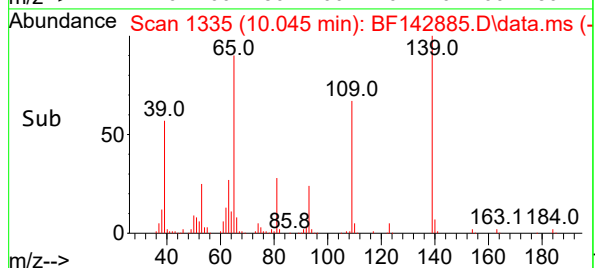
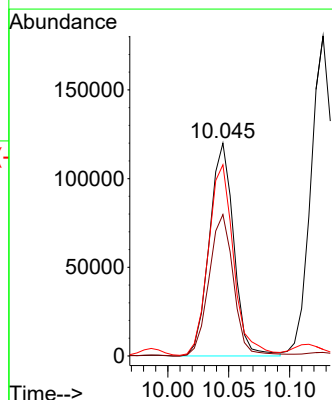
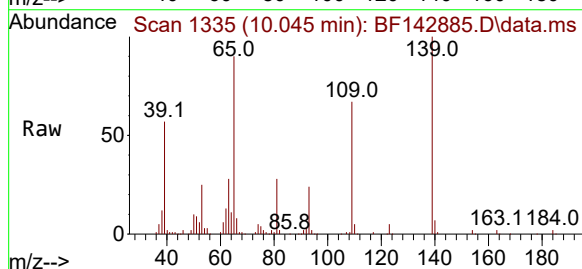
Tgt Ion:139 Resp: 166993

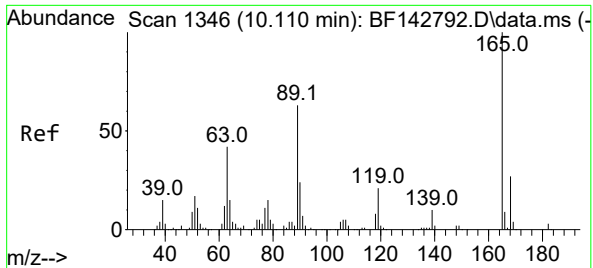
Ion Ratio Lower Upper

139 100

109 66.5 44.7 84.7

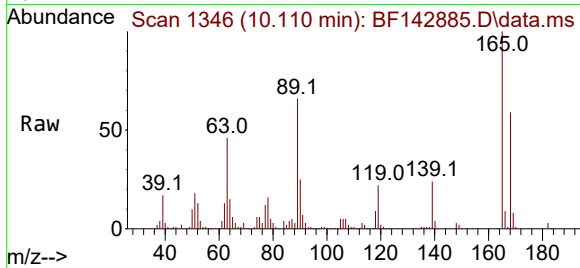
65 89.8 69.8 109.8



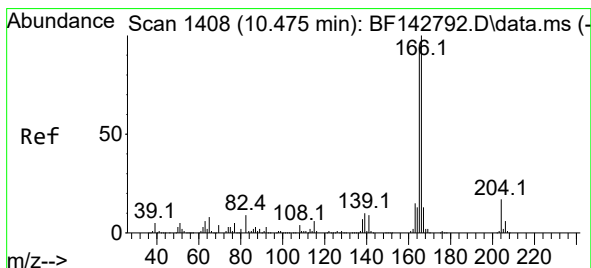
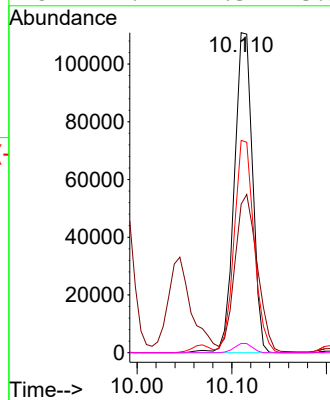
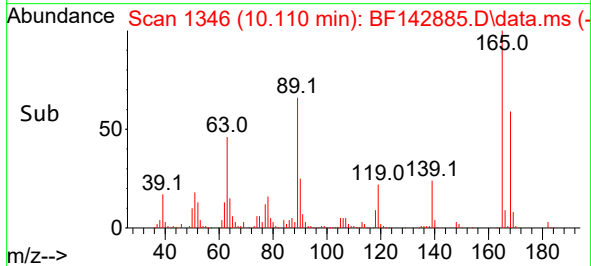


#57
2,4-Dinitrotoluene
Concen: 46.881 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

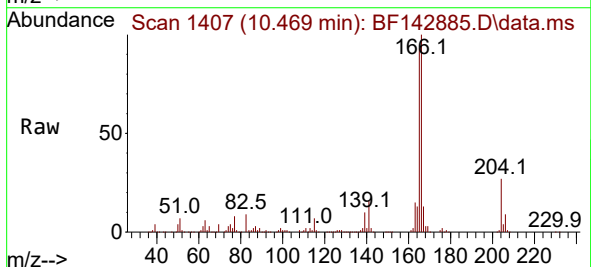
Instrument :
BNA_F
ClientSampleId :
PB168625BS



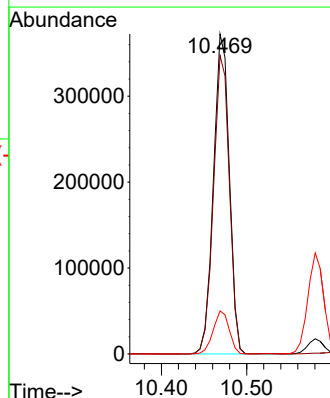
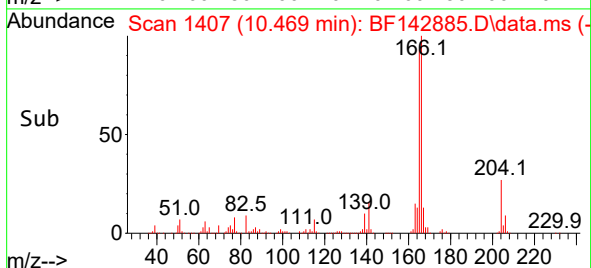
Tgt Ion:165 Resp: 147971
Ion Ratio Lower Upper
165 100
63 46.4 33.9 50.9
89 66.3 50.6 75.8
182 2.9 2.3 3.5

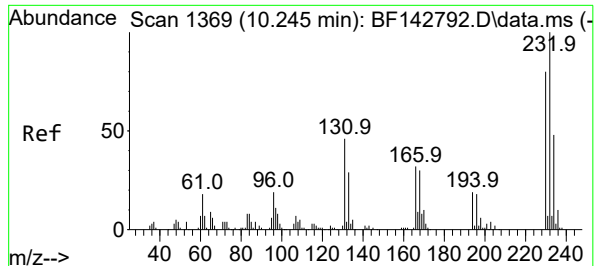


#58
Fluorene
Concen: 43.145 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19



Tgt Ion:166 Resp: 480888
Ion Ratio Lower Upper
166 100
165 93.3 75.2 112.8
167 13.5 10.6 15.8

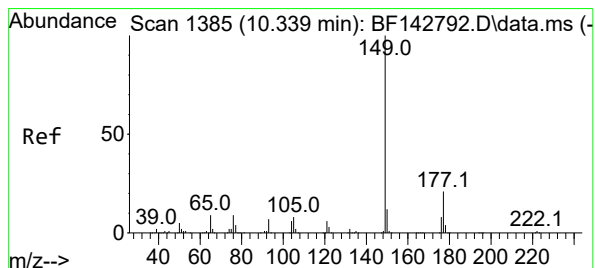
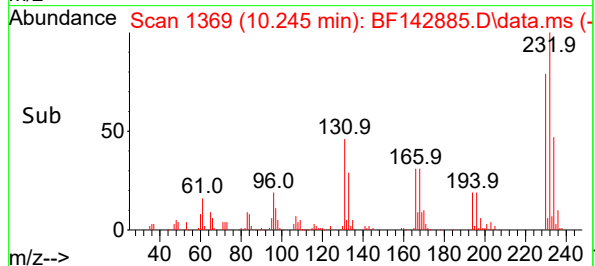
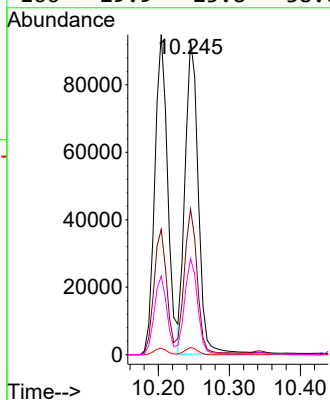
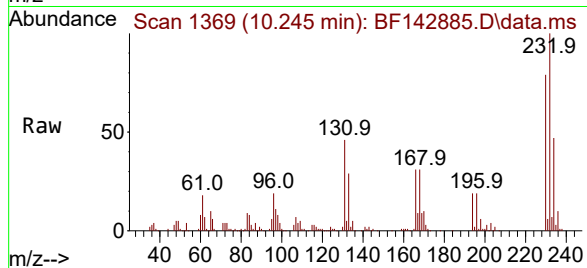




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.008 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

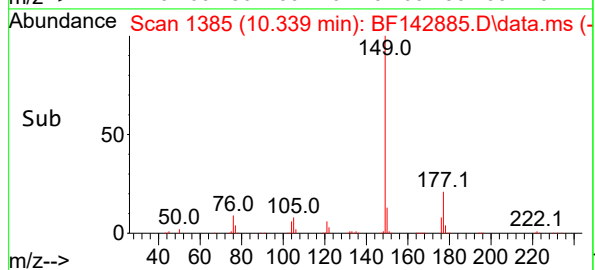
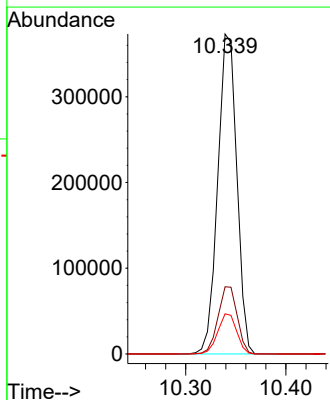
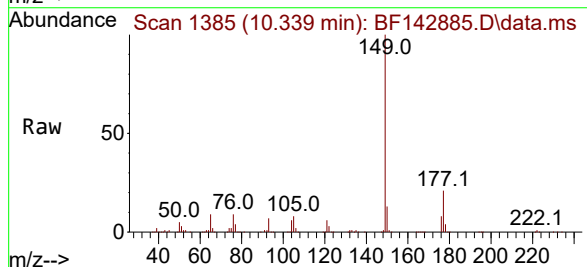
Instrument :
BNA_F
ClientSampleId :
PB168625BS

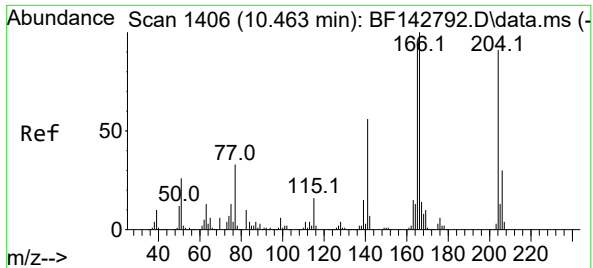
Tgt Ion:232 Resp: 120013
Ion Ratio Lower Upper
232 100
131 46.7 37.6 56.4
130 2.2 1.7 2.5
166 29.9 25.8 38.6



#60
Diethylphthalate
Concen: 46.390 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:149 Resp: 492152
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.6 9.8 14.6

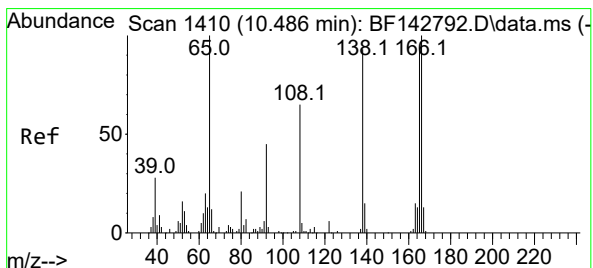
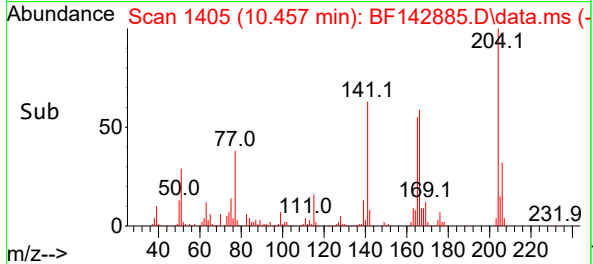
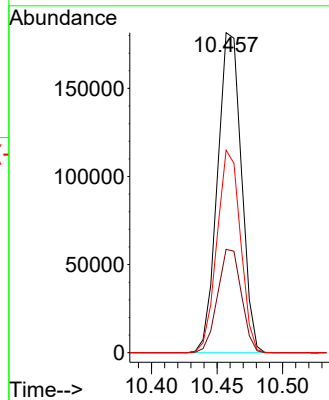
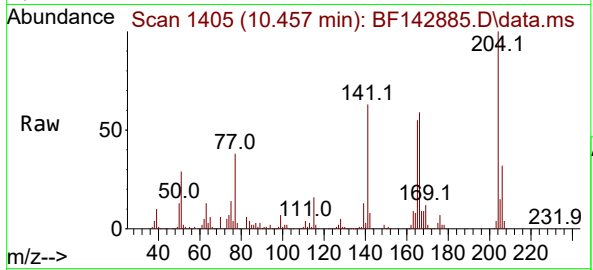




#61
4-Chlorophenyl-phenylether
Concen: 43.276 ng
RT: 10.457 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

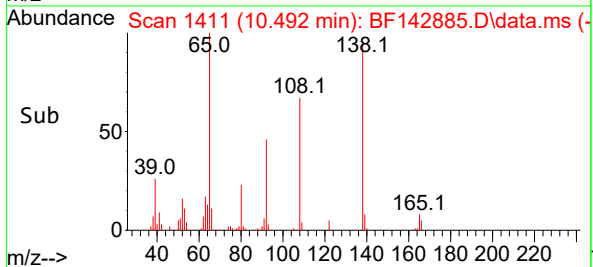
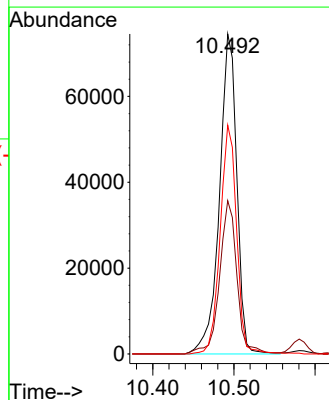
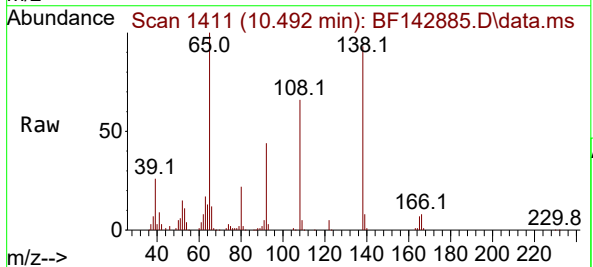
Instrument :
BNA_F
ClientSampleId :
PB168625BS

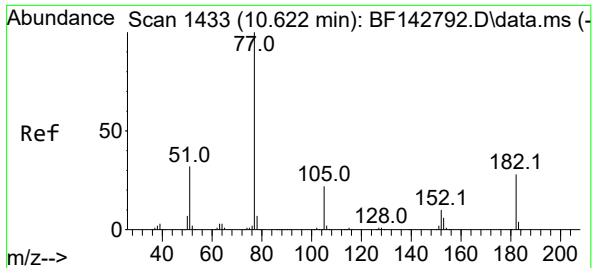
Tgt Ion:204 Resp: 230170
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 63.3 49.1 73.7



#62
4-Nitroaniline
Concen: 46.401 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:138 Resp: 111024
Ion Ratio Lower Upper
138 100
92 47.9 28.4 68.4
108 71.5 50.2 90.2

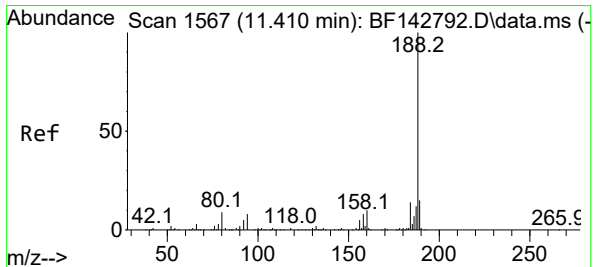
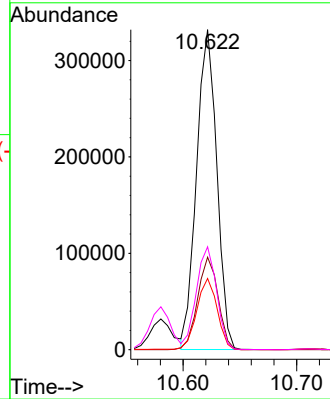
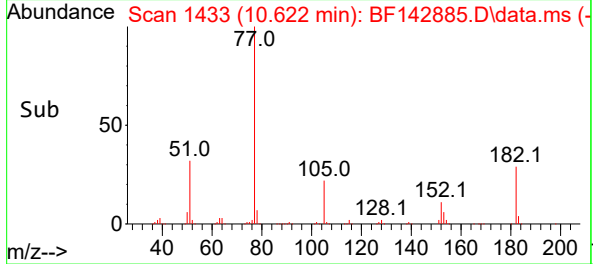
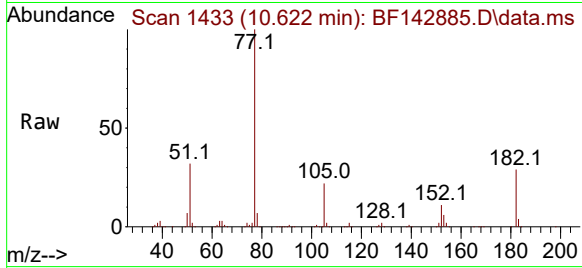




#63
Azobenzene
Concen: 43.333 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

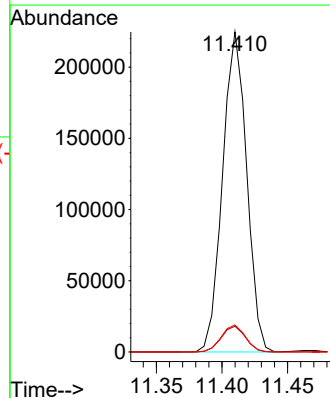
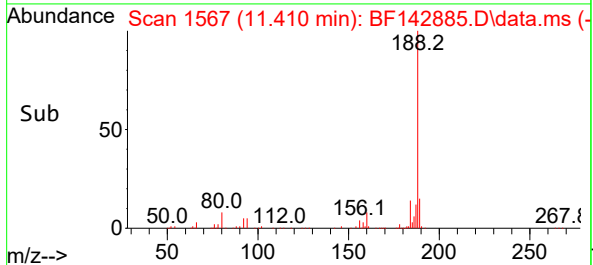
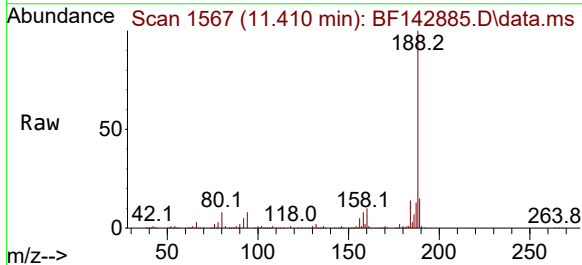
Instrument :
BNA_F
ClientSampleId :
PB168625BS

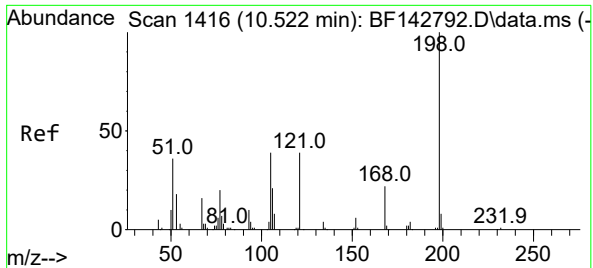
Tgt Ion: 77 Resp: 410873
Ion Ratio Lower Upper
77 100
182 28.9 7.7 47.7
105 22.3 1.9 41.9
51 32.1 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion: 188 Resp: 286462
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.5 6.9 10.3

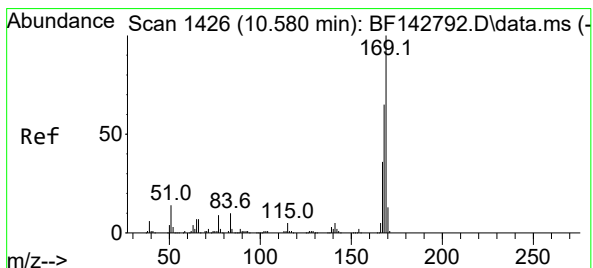
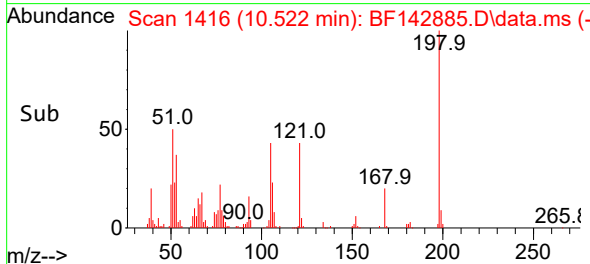
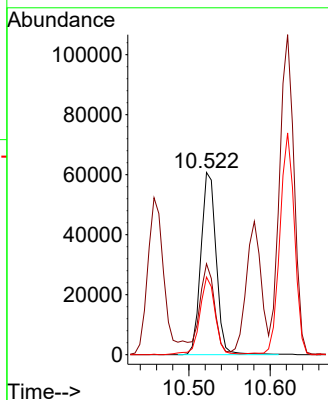
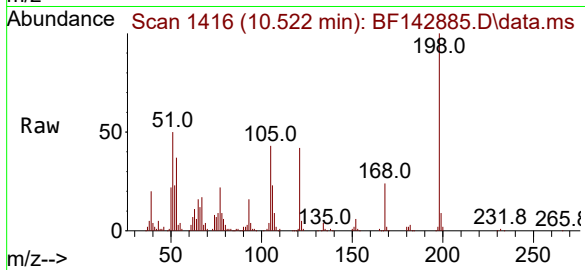




#65
4,6-Dinitro-2-methylphenol
Concen: 45.750 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

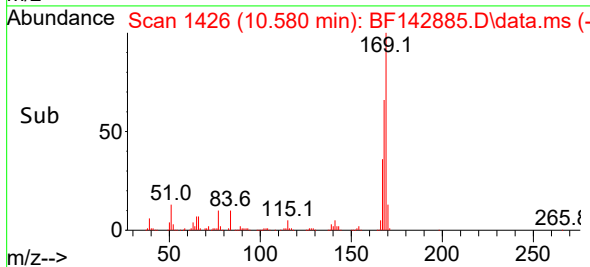
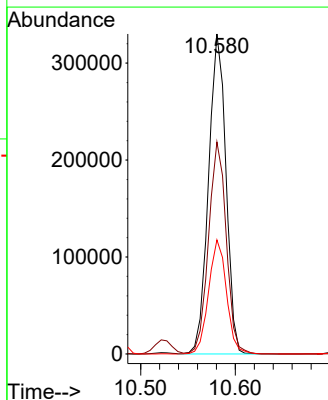
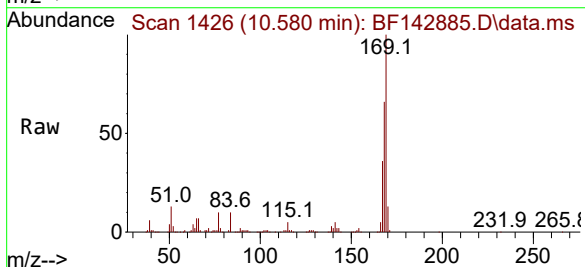
Instrument :
BNA_F
ClientSampleId :
PB168625BS

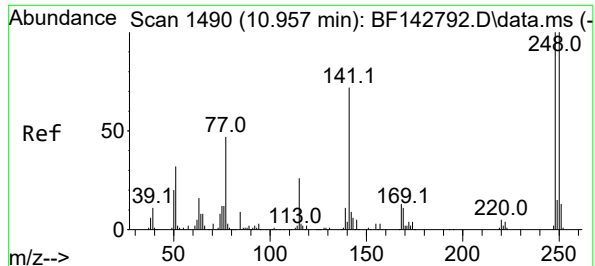
Tgt Ion:198 Resp: 79271
Ion Ratio Lower Upper
198 100
51 49.9 25.4 65.4
105 42.6 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 42.484 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:169 Resp: 421786
Ion Ratio Lower Upper
169 100
168 66.2 51.9 77.9
167 35.7 28.5 42.7

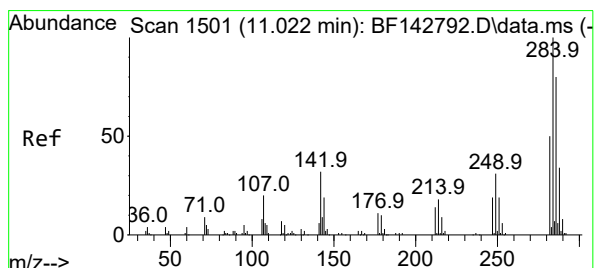
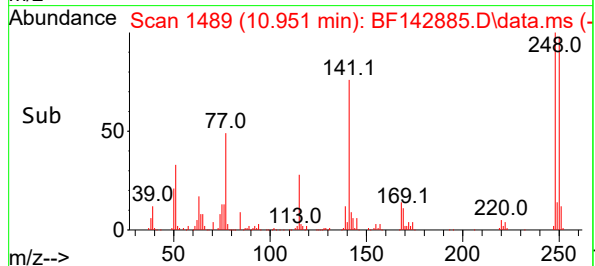
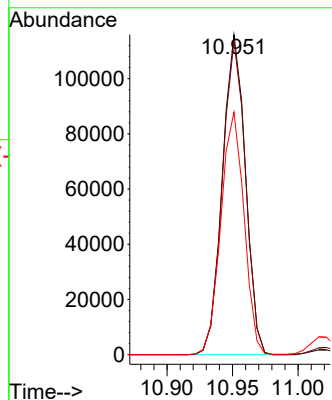
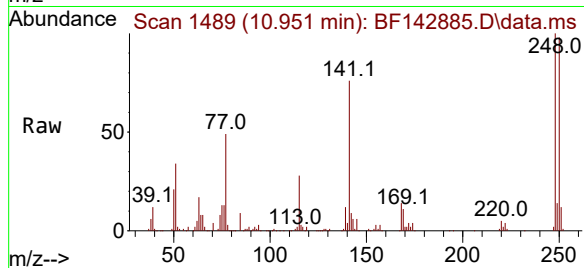




#67
4-Bromophenyl-phenylether
Concen: 43.458 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

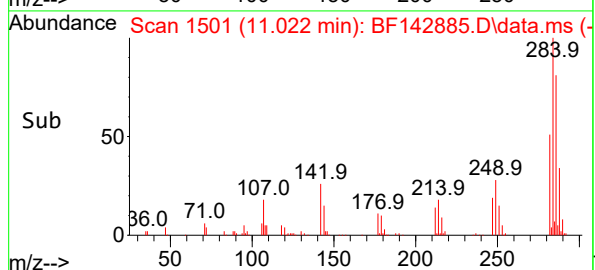
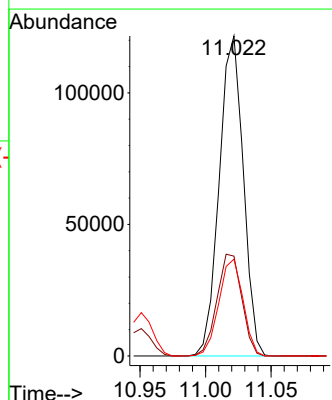
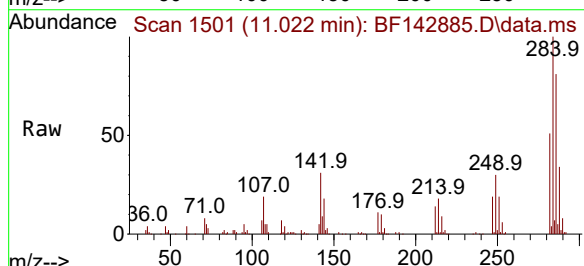
Instrument :
BNA_F
ClientSampleId :
PB168625BS

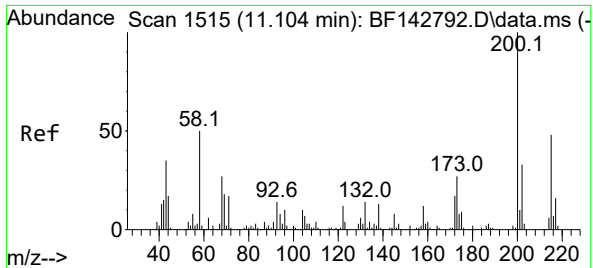
Tgt Ion:248 Resp: 141682
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.8
141 75.8 57.8 86.6



#68
Hexachlorobenzene
Concen: 42.783 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:284 Resp: 154987
Ion Ratio Lower Upper
284 100
142 31.2 25.5 38.3
249 30.3 24.9 37.3





#69

Atrazine

Concen: 50.596 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

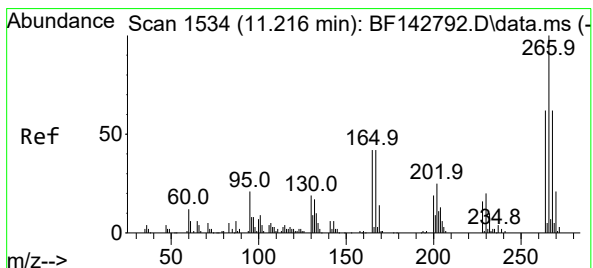
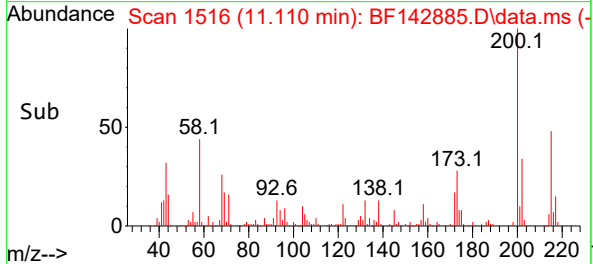
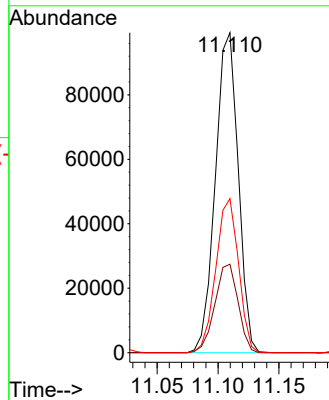
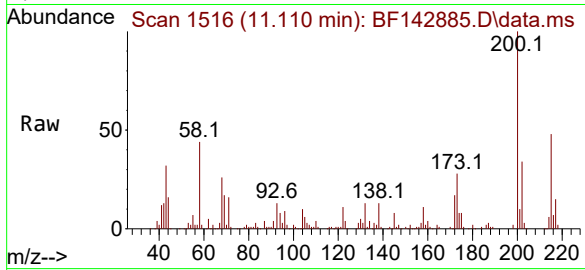
Tgt Ion:200 Resp: 129714

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

215 48.2 28.4 68.4



#70

Pentachlorophenol

Concen: 91.158 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

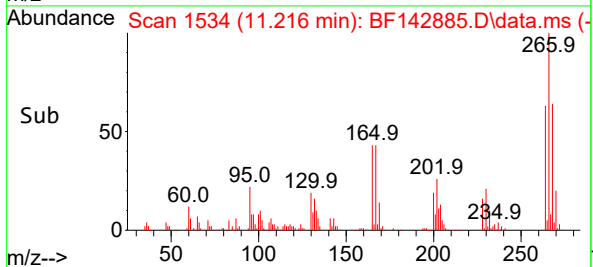
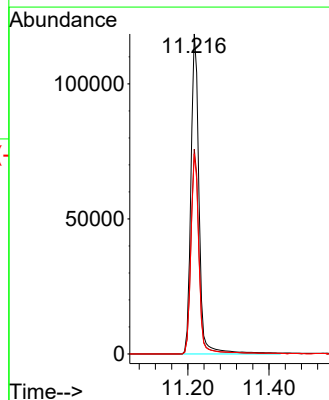
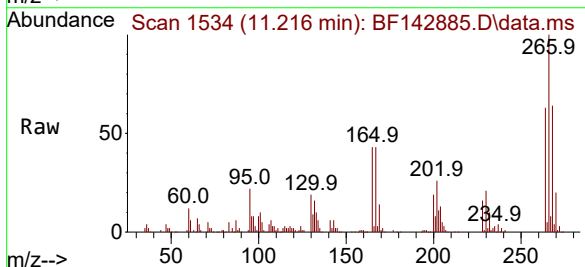
Tgt Ion:266 Resp: 164554

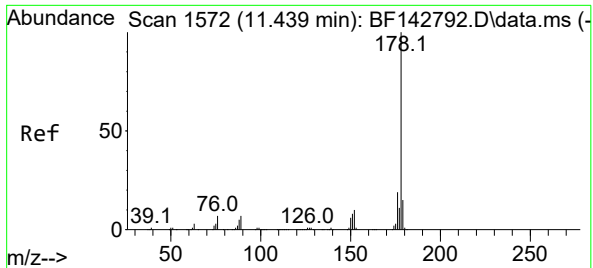
Ion Ratio Lower Upper

266 100

268 64.0 49.8 74.8

264 62.5 49.9 74.9





#71

Phenanthrene

Concen: 43.214 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

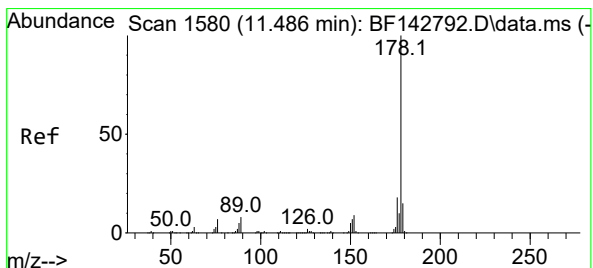
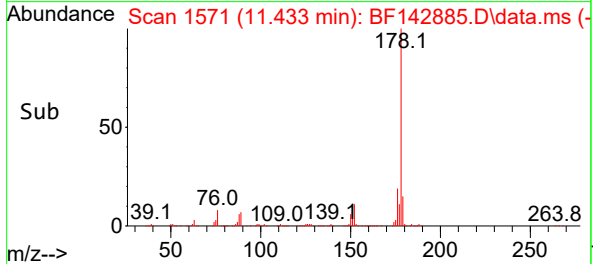
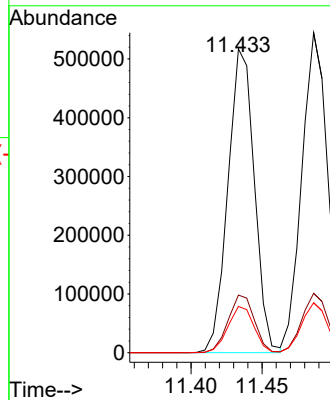
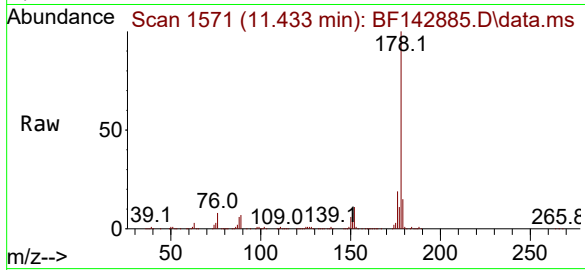
Tgt Ion:178 Resp: 670582

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.2 12.0 18.0



#72

Anthracene

Concen: 43.083 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

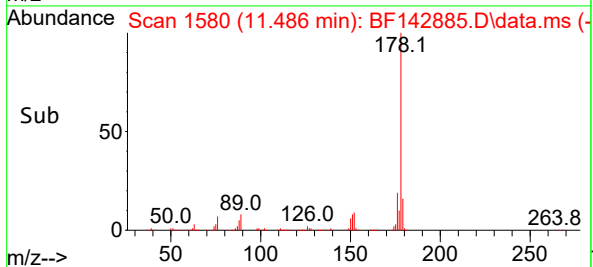
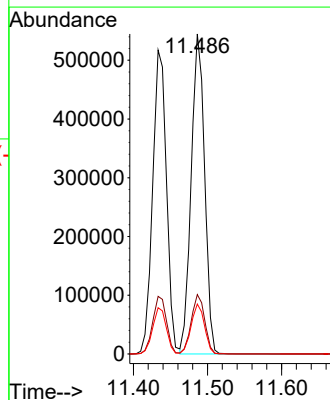
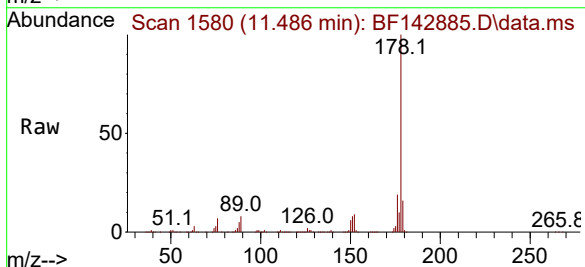
Tgt Ion:178 Resp: 685649

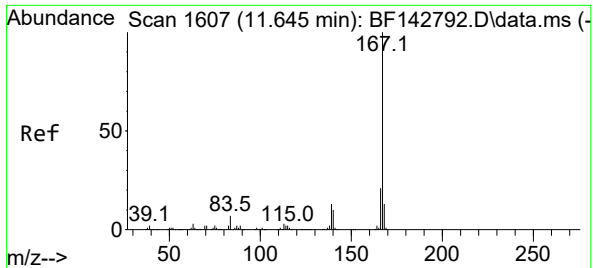
Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 15.6 12.4 18.6

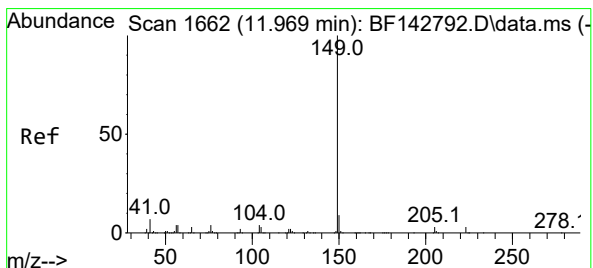
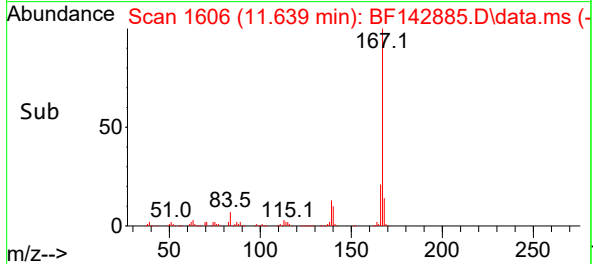
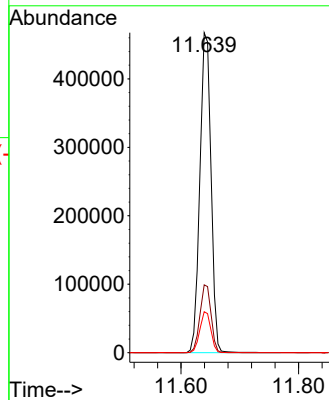
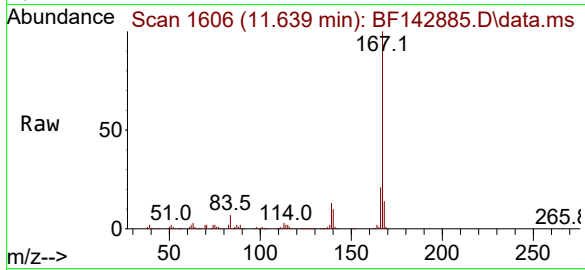




#73
Carbazole
Concen: 44.895 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

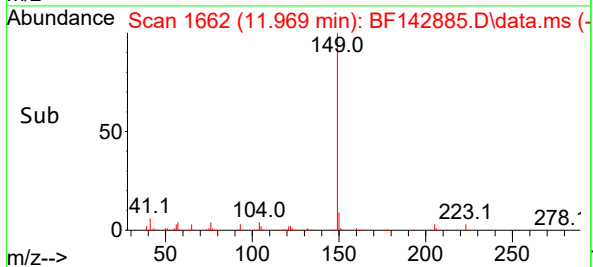
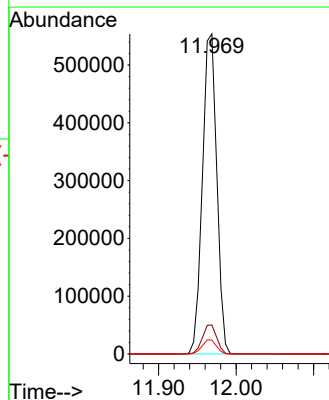
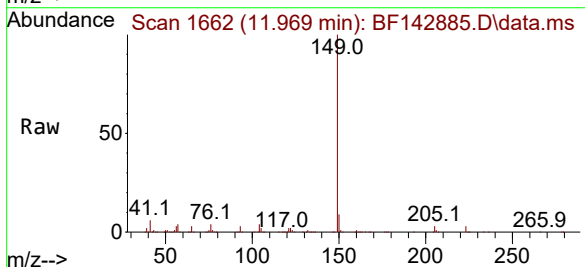
Instrument :
BNA_F
ClientSampleId :
PB168625BS

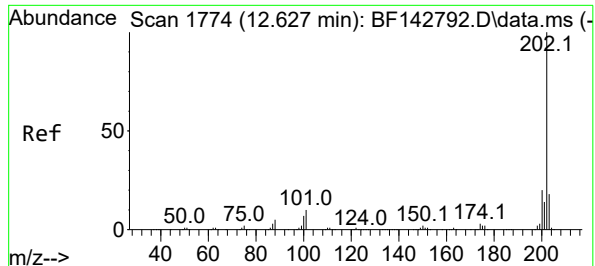
Tgt Ion:167 Resp: 616575
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.8 10.2 15.2



#74
Di-n-butylphthalate
Concen: 49.896 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:149 Resp: 713866
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 45.083 ng

RT: 12.627 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

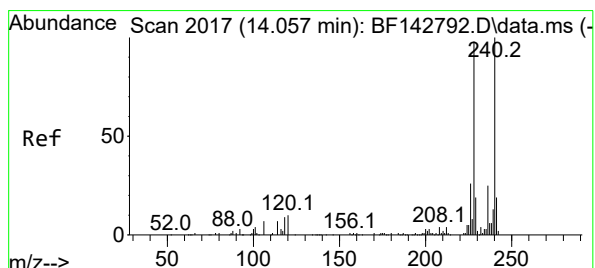
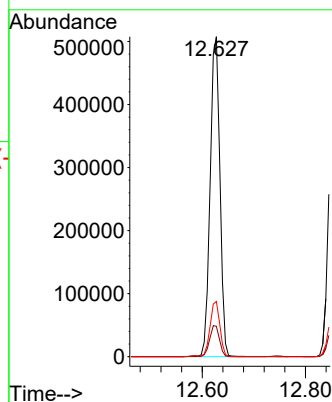
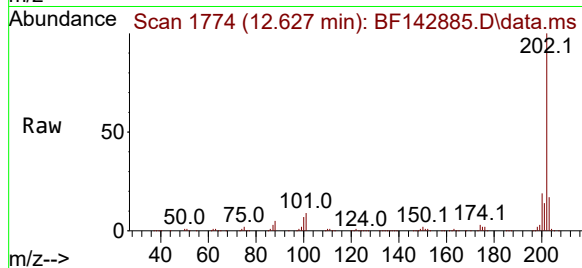
Tgt Ion:202 Resp: 663946

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: BF142885.D

Acq: 27 Jun 2025 11:19

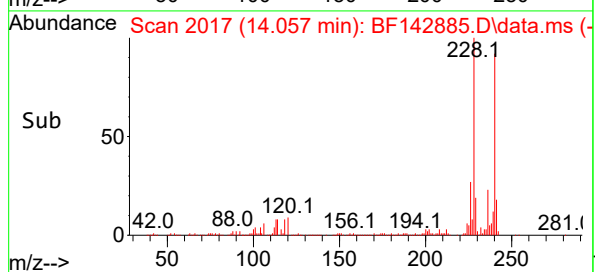
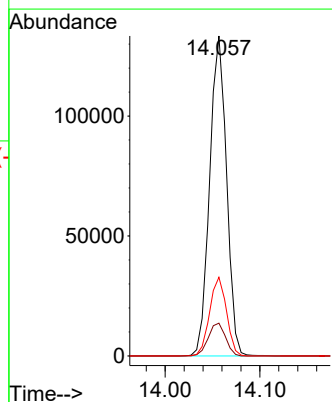
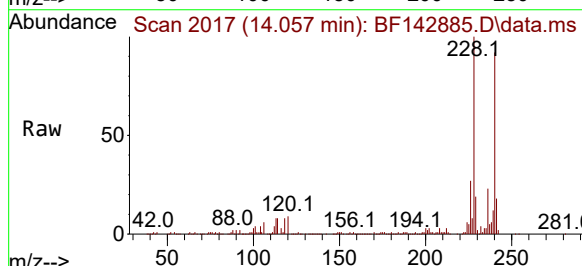
Tgt Ion:240 Resp: 164874

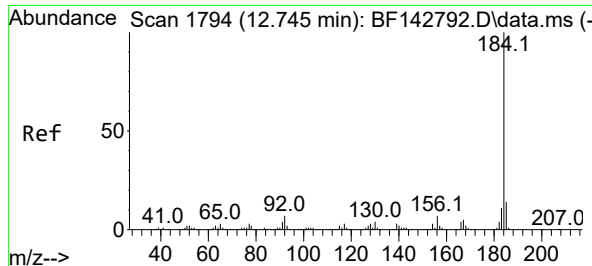
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

236 24.6 19.8 29.8





#77

Benzidine

Concen: 39.784 ng

RT: 12.745 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

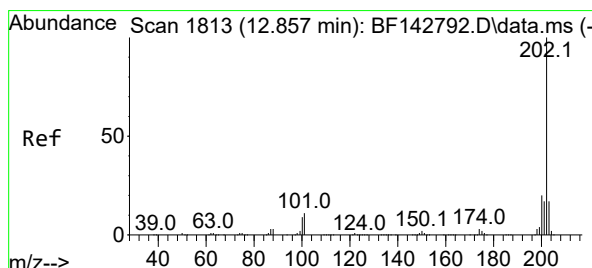
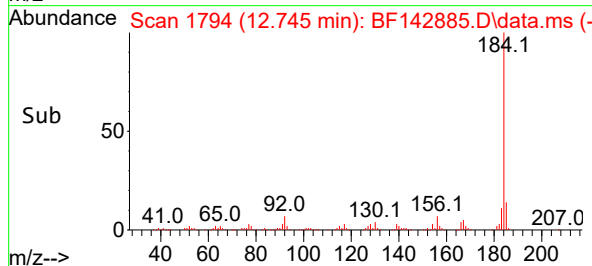
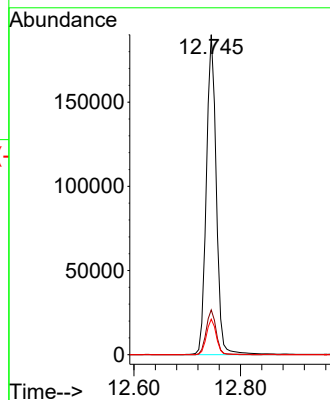
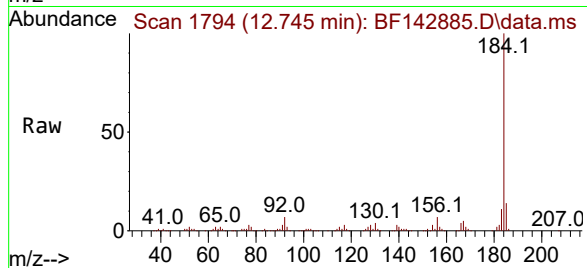
Tgt Ion:184 Resp: 246442

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 43.023 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

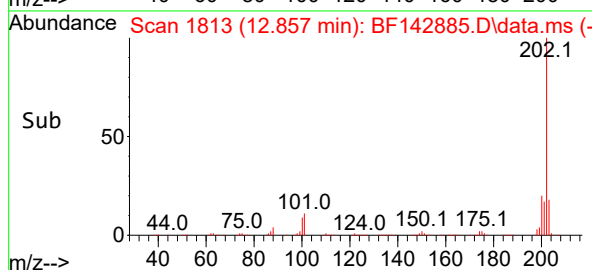
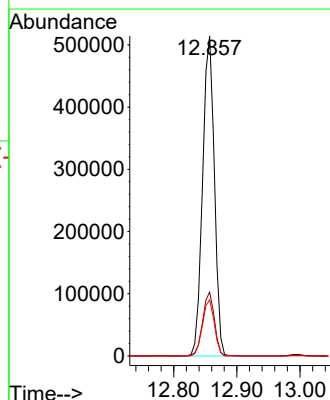
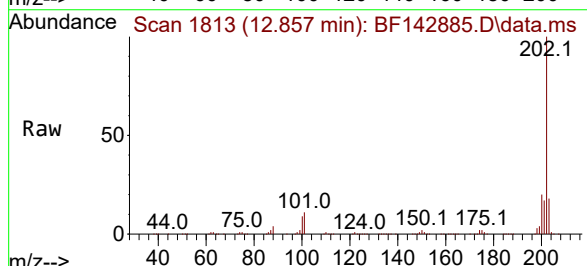
Tgt Ion:202 Resp: 664888

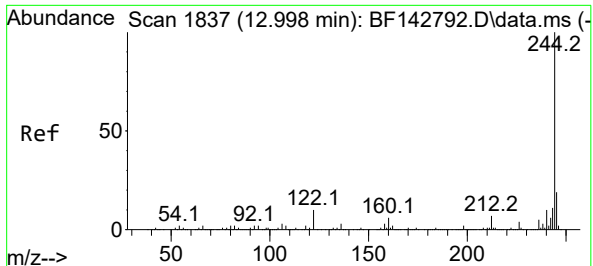
Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 78.171 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

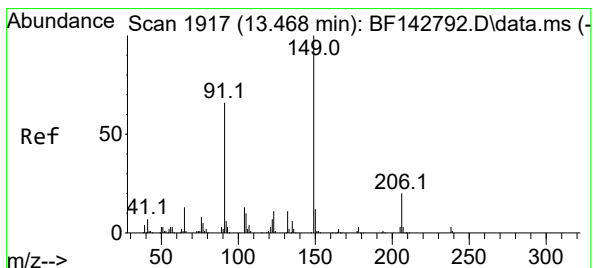
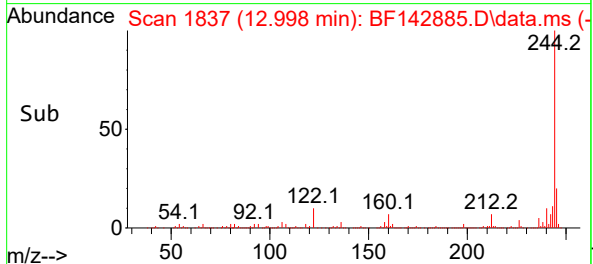
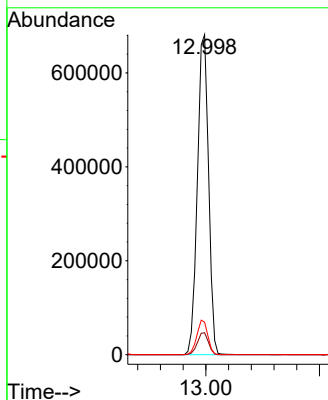
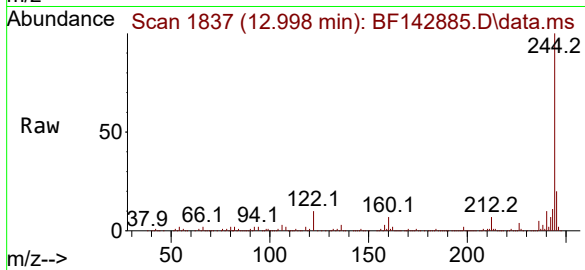
Tgt Ion:244 Resp: 932784

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 50.540 ng

RT: 13.469 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

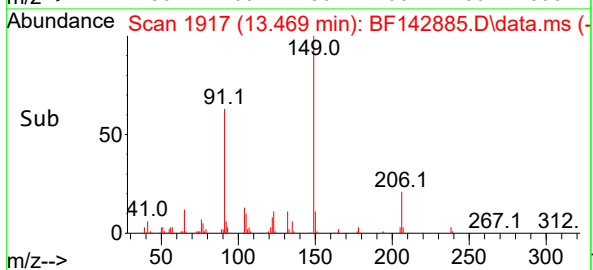
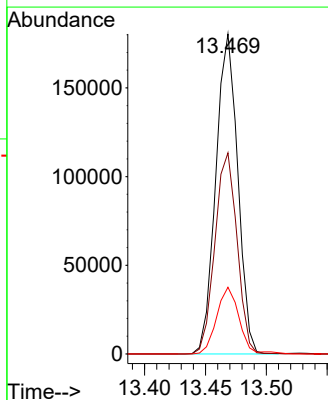
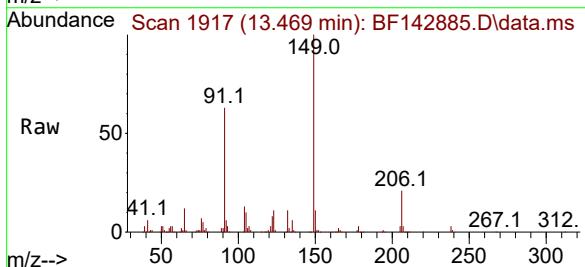
Tgt Ion:149 Resp: 226565

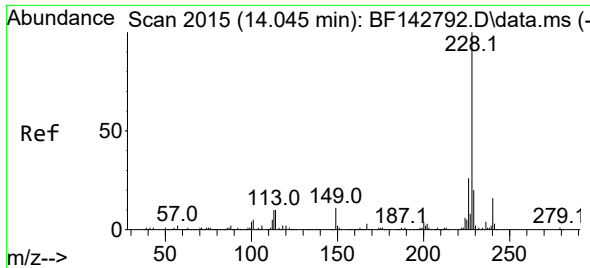
Ion Ratio Lower Upper

149 100

91 62.8 52.9 79.3

206 20.9 16.3 24.5

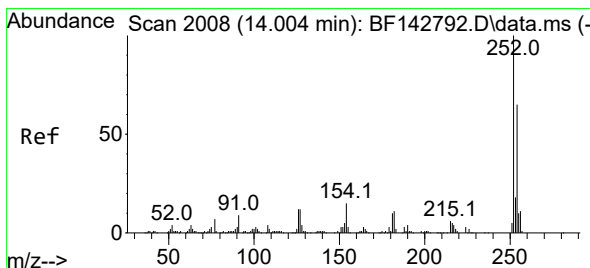
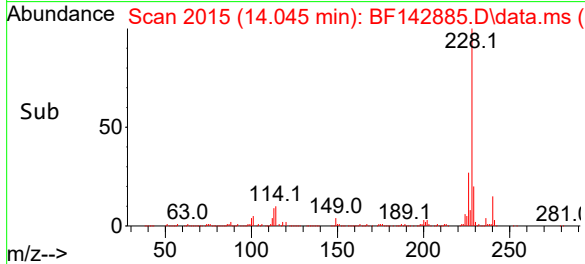
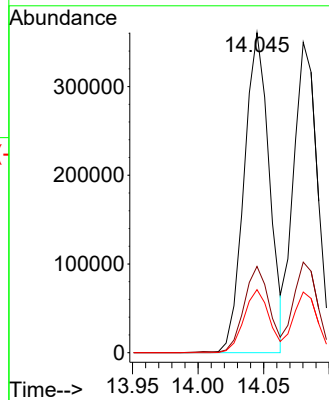
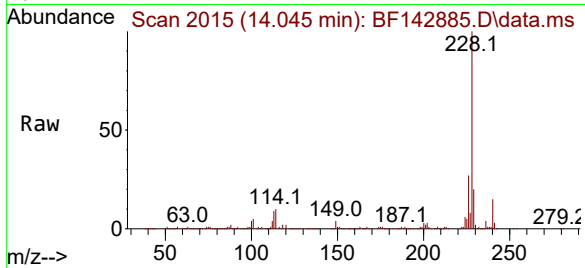




#81
Benzo(a)anthracene
Concen: 43.547 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

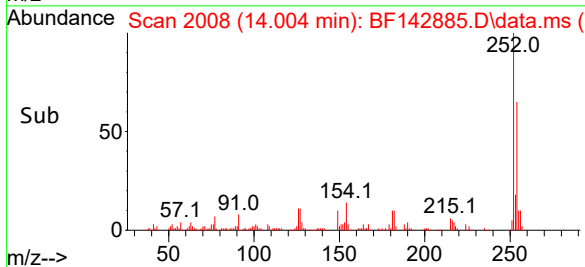
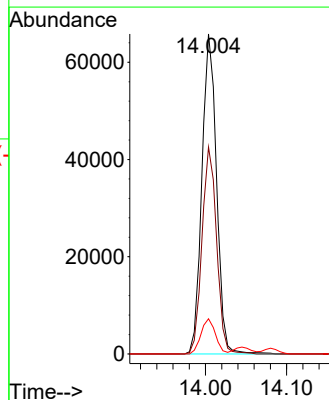
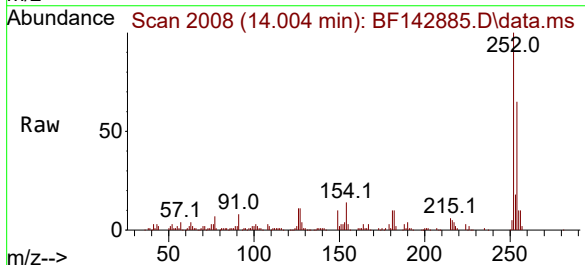
Instrument :
BNA_F
ClientSampleId :
PB168625BS

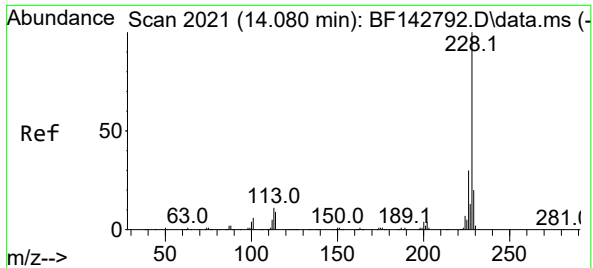
Tgt Ion:228 Resp: 484352
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 22.827 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:252 Resp: 82353
Ion Ratio Lower Upper
252 100
254 64.7 51.7 77.5
126 11.0 9.4 14.2





#83

Chrysene

Concen: 44.480 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

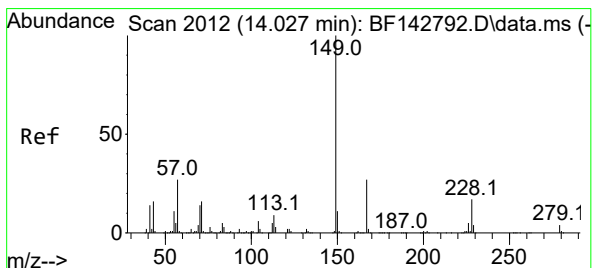
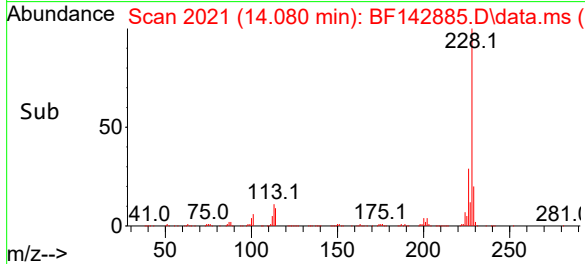
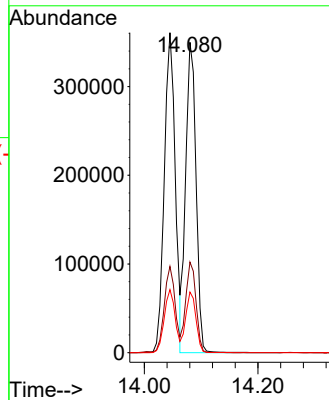
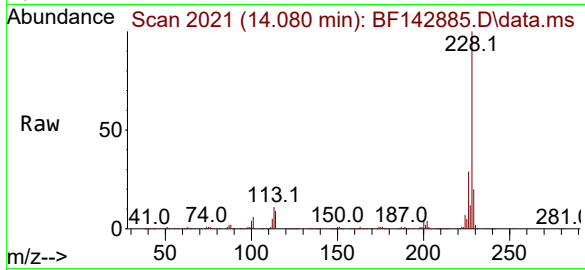
Tgt Ion:228 Resp: 441455

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.165 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

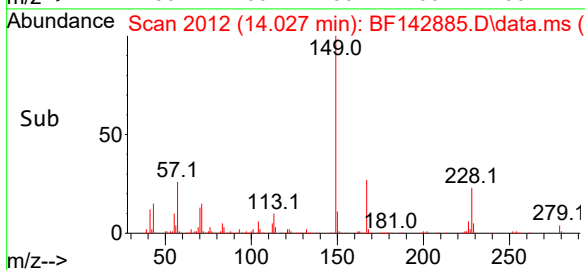
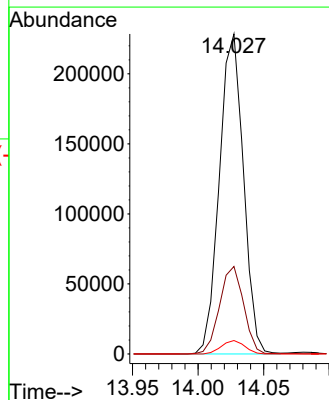
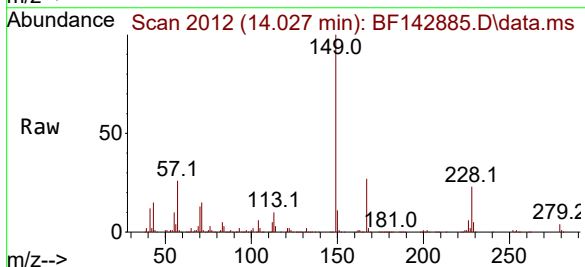
Tgt Ion:149 Resp: 291308

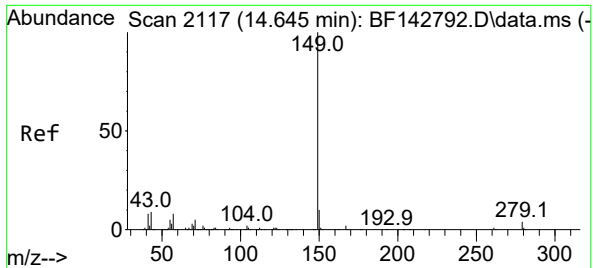
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.2 3.0 4.6

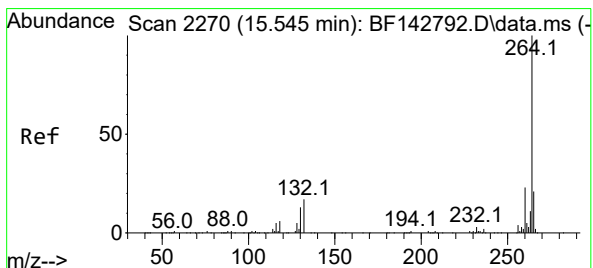
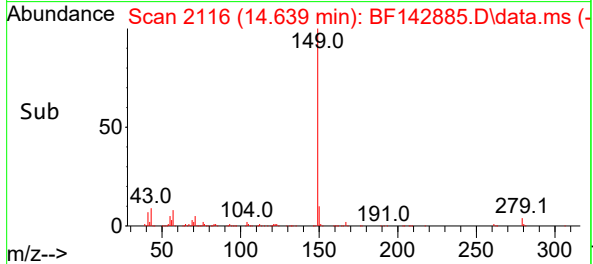
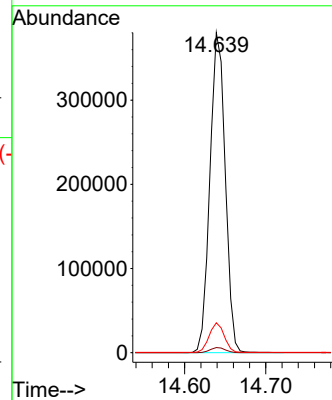
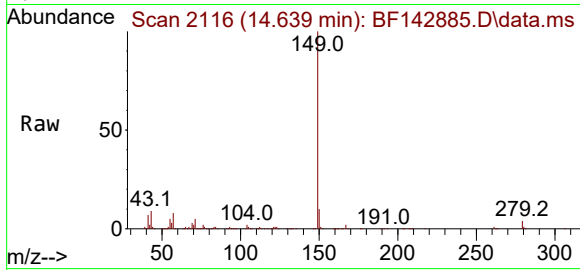




#85
Di-n-octyl phthalate
Concen: 40.921 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

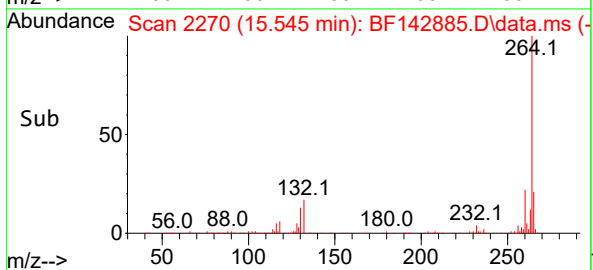
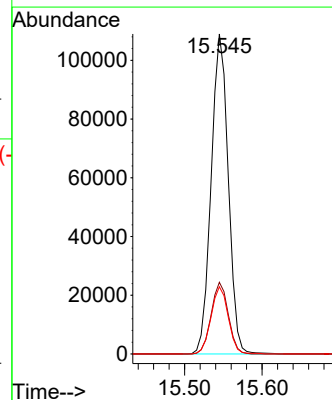
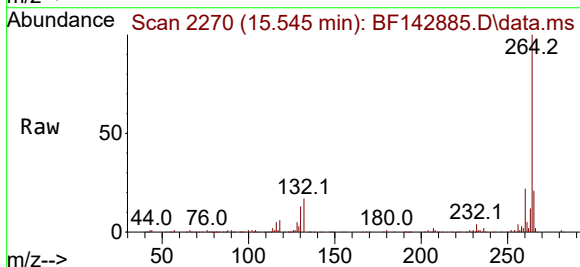
Instrument :
BNA_F
ClientSampleId :
PB168625BS

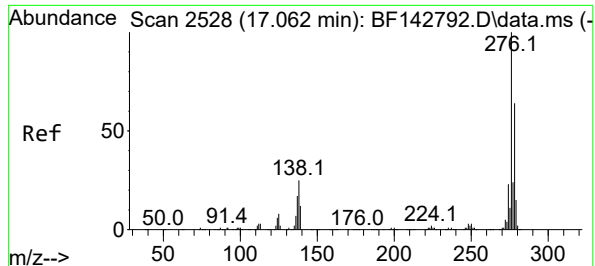
Tgt Ion:149 Resp: 497681
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142885.D
Acq: 27 Jun 2025 11:19

Tgt Ion:264 Resp: 166752
Ion Ratio Lower Upper
264 100
260 22.4 18.1 27.1
265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.719 ng

RT: 17.062 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

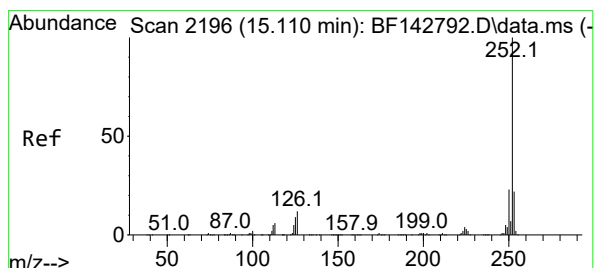
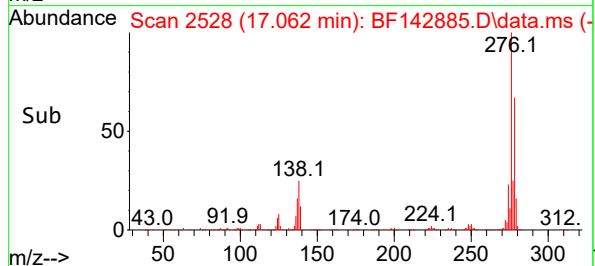
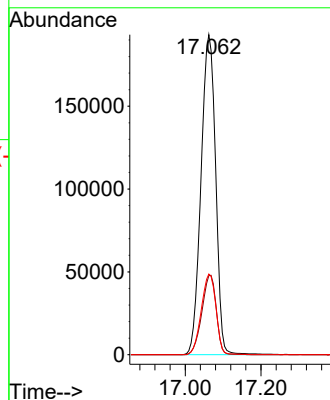
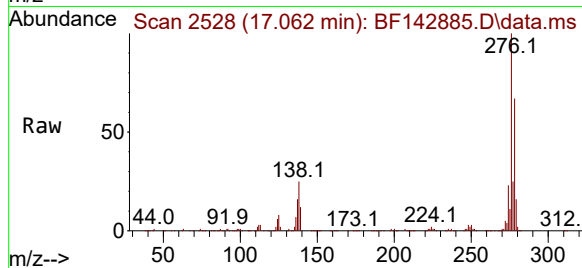
Tgt Ion:276 Resp: 517185

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.4

277 25.3 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 45.683 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

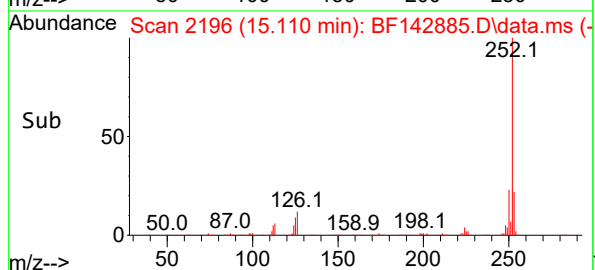
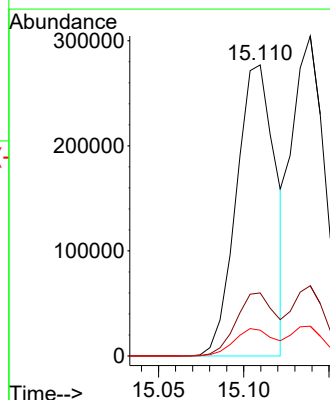
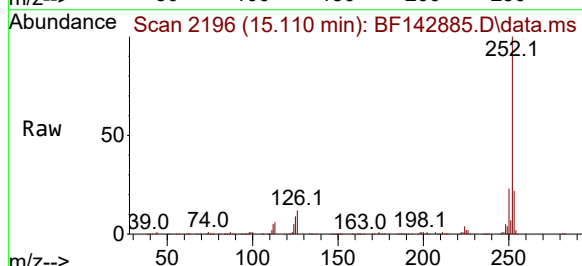
Tgt Ion:252 Resp: 440795

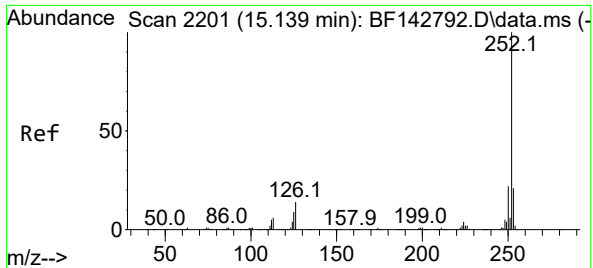
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.447 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

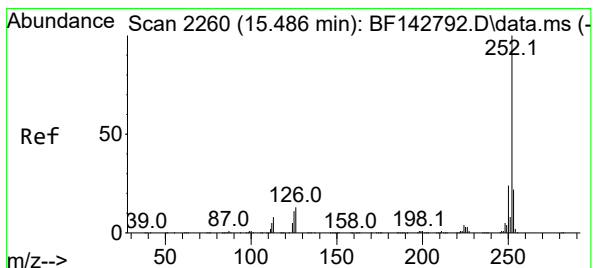
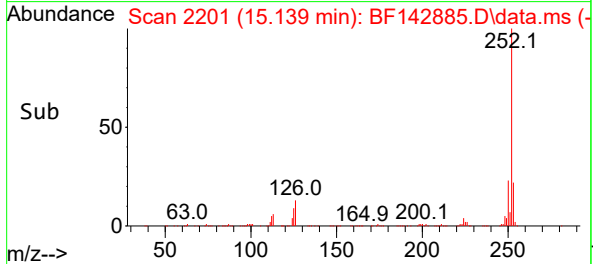
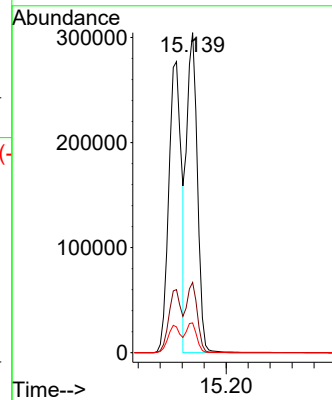
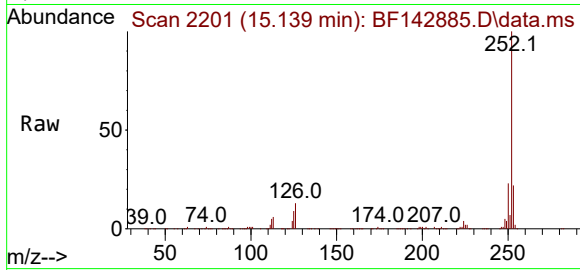
Tgt Ion:252 Resp: 410271

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 44.782 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

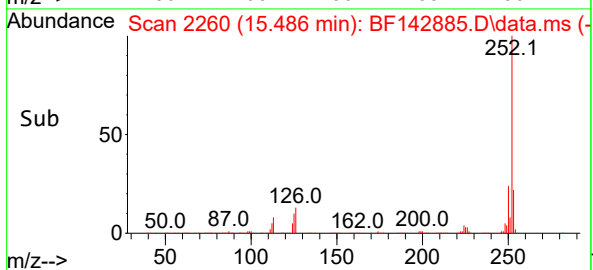
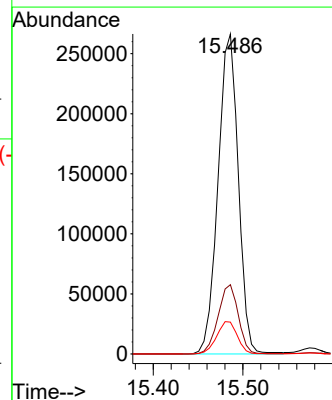
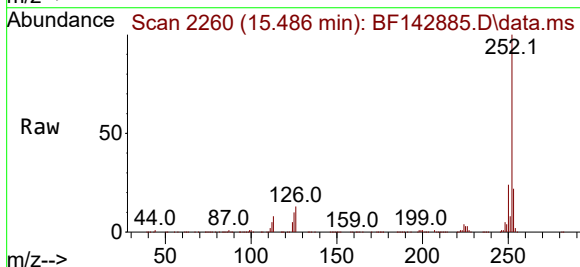
Tgt Ion:252 Resp: 417438

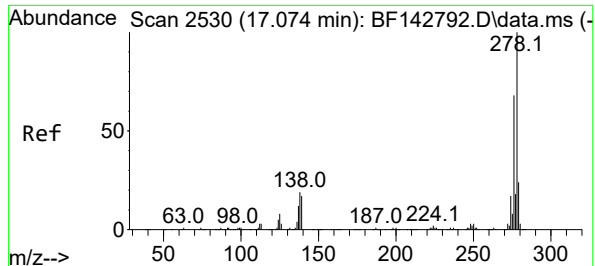
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 40.450 ng

RT: 17.074 min Scan# 2530

Delta R.T. 0.000 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB168625BS

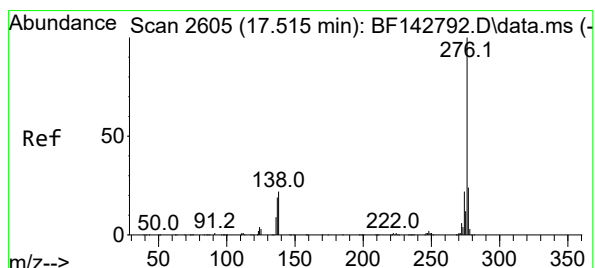
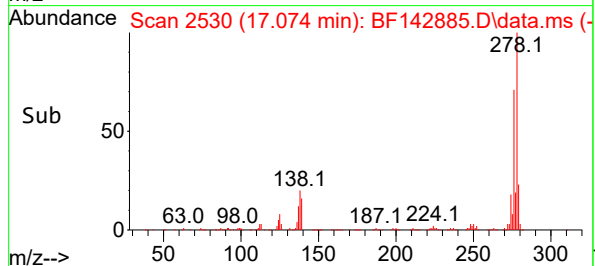
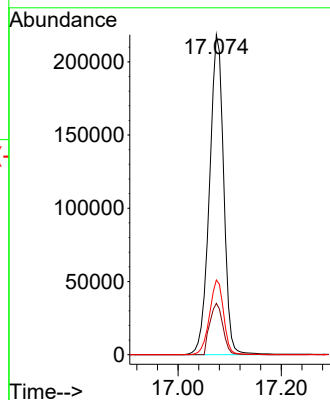
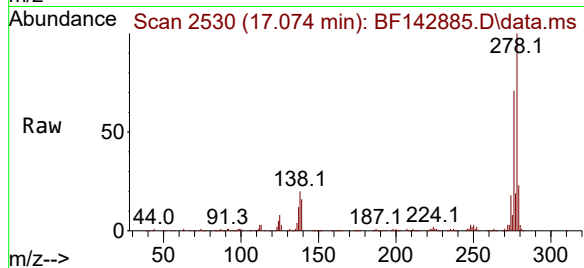
Tgt Ion:278 Resp: 417444

Ion Ratio Lower Upper

278 100

139 16.0 13.5 20.3

279 23.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 40.736 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF142885.D

Acq: 27 Jun 2025 11:19

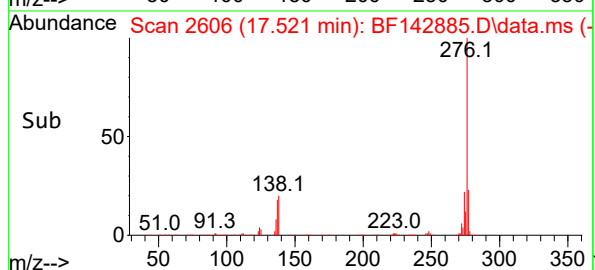
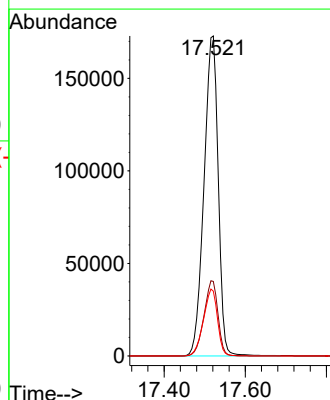
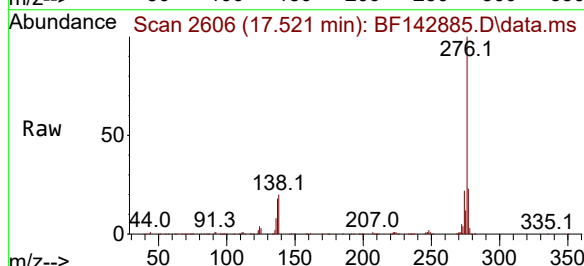
Tgt Ion:276 Resp: 419208

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 20.3 17.6 26.4



Report of Analysis

Client:	Kleinfelder	Date Collected:	06/25/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	MH-G/HMS	SDG No.:	Q2425
Lab Sample ID:	Q2416-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.7
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142872.D	1	06/26/25 09:20	06/26/25 17:06	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	940		15.2	110	ug/Kg
86-73-7	Fluorene	950		16.9	110	ug/Kg
85-01-8	Phenanthrene	950		14.0	110	ug/Kg
120-12-7	Anthracene	950		22.2	110	ug/Kg
129-00-0	Pyrene	900		24.0	110	ug/Kg
56-55-3	Benzo(a)anthracene	960		15.4	110	ug/Kg
218-01-9	Chrysene	940		13.3	110	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		12.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	980		19.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	660		19.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	590		17.2	110	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	45.0		18 - 107	45%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.3		20 - 109	46%	SPK: 100
1718-51-0	Terphenyl-d14	45.4		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	84900	6.875			
1146-65-2	Naphthalene-d8	323000	8.163			
15067-26-2	Acenaphthene-d10	169000	9.922			
1517-22-2	Phenanthrene-d10	278000	11.41			
1719-03-5	Chrysene-d12	150000	14.057			
1520-96-3	Perylene-d12	169000	15.545			

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/25/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	MH-G/HMS	SDG No.:	Q2425
Lab Sample ID:	Q2416-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.7
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142872.D	1	06/26/25 09:20	06/26/25 17:06	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142872.D
 Acq On : 26 Jun 2025 17:06
 Operator : RC/JU
 Sample : Q2416-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-G/HMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/27/2025
 Supervised By :Jagrut Upadhyay 06/27/2025

Quant Time: Jun 26 17:55:07 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	84939	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	322606	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	168684	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277774	20.000	ng	0.00
76) Chrysene-d12	14.057	240	149832	20.000	ng	0.00
86) Perylene-d12	15.545	264	169288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	368548	72.241	ng	0.00
7) Phenol-d6	6.510	99	452569	75.190	ng	0.00
23) Nitrobenzene-d5	7.440	82	264948	45.048	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	118654	68.354	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	594596	46.306	ng	0.00
79) Terphenyl-d14	12.992	244	492166	45.386	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	75520	37.010	ng	99
3) Pyridine	3.475	79	200163	39.128	ng	98
4) n-Nitrosodimethylamine	3.428	42	109742	41.485	ng	100
6) Aniline	6.534	93	141956	17.725	ng	# 64
8) 2-Chlorophenol	6.663	128	236259	42.931	ng	97
9) Benzaldehyde	6.428	77	103317	28.933	ng	99
10) Phenol	6.522	94	270018	40.358	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	202495	42.347	ng	98
12) 1,3-Dichlorobenzene	6.816	146	252822	41.078	ng	100
13) 1,4-Dichlorobenzene	6.893	146	256590	41.321	ng	98
14) 1,2-Dichlorobenzene	7.045	146	246807	41.904	ng	99
15) Benzyl Alcohol	7.016	79	187301	43.045	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	307769	40.060	ng	96
17) 2-Methylphenol	7.134	107	178002	42.682	ng	97
18) Hexachloroethane	7.387	117	91410	42.086	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	147385	42.102	ng	99
20) 3+4-Methylphenols	7.287	107	224246	43.126	ng	92
22) Acetophenone	7.287	105	303127	42.610	ng	100
24) Nitrobenzene	7.457	77	224541	42.181	ng	99
25) Isophorone	7.698	82	398638	42.252	ng	100
26) 2-Nitrophenol	7.775	139	129615	44.697	ng	100
27) 2,4-Dimethylphenol	7.816	122	213196	42.444	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	254428	42.417	ng	99
29) 2,4-Dichlorophenol	8.022	162	194624	42.732	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	211641	42.259	ng	99
31) Naphthalene	8.181	128	665091	42.118	ng	100
32) Benzoic acid	7.945	122	9532m	3.723	ng	
33) 4-Chloroaniline	8.228	127	64699	10.076	ng	99
34) Hexachlorobutadiene	8.298	225	129077	42.135	ng	99
35) Caprolactam	8.598	113	56655	47.141	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	196647	43.444	ng	99
37) 2-Methylnaphthalene	8.875	142	415487	42.441	ng	100
38) 1-Methylnaphthalene	8.975	142	431940	42.621	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	210801	42.352	ng	99
41) Hexachlorocyclopentadiene	9.028	237	213156	75.466	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	133635	41.203	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142872.D
 Acq On : 26 Jun 2025 17:06
 Operator : RC/JU
 Sample : Q2416-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-G/HMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/27/2025
 Supervised By :Jagrut Upadhyay 06/27/2025

Quant Time: Jun 26 17:55:07 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	144794	42.410	ng	99
46) 1,1'-Biphenyl	9.339	154	569189	42.716	ng	100
47) 2-Chloronaphthalene	9.363	162	422954	42.297	ng	99
48) 2-Nitroaniline	9.463	65	125588	44.798	ng	97
49) Acenaphthylene	9.781	152	696714	42.324	ng	100
50) Dimethylphthalate	9.639	163	487508	44.648	ng	99
51) 2,6-Dinitrotoluene	9.704	165	107851	44.977	ng	99
52) Acenaphthene	9.957	154	407163	40.540	ng	100
53) 3-Nitroaniline	9.875	138	56933	21.565	ng	95
54) 2,4-Dinitrophenol	9.986	184	8668	7.219	ng	98
55) Dibenzofuran	10.128	168	606151	42.088	ng	100
56) 4-Nitrophenol	10.039	139	139115	76.968	ng	98
57) 2,4-Dinitrotoluene	10.110	165	145344	45.632	ng	98
58) Fluorene	10.469	166	481247	42.786	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	100236	36.423	ng	96
60) Diethylphthalate	10.339	149	482804	45.097	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	228951	42.657	ng	97
62) 4-Nitroaniline	10.486	138	105685	43.770	ng	99
63) Azobenzene	10.622	77	448091	46.830	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	15266	9.086	ng	98
66) n-Nitrosodiphenylamine	10.581	169	417738	43.392	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	138997	43.968	ng	97
68) Hexachlorobenzene	11.022	284	152901	43.527	ng	97
69) Atrazine	11.104	200	129985	52.287	ng	99
70) Pentachlorophenol	11.216	266	62719	35.831	ng	99
71) Phenanthrene	11.433	178	641833	42.655	ng	100
72) Anthracene	11.486	178	661106	42.840	ng	99
73) Carbazole	11.639	167	572688	43.003	ng	100
74) Di-n-butylphthalate	11.969	149	694376	50.051	ng	100
75) Fluoranthene	12.622	202	573671	40.172	ng	99
77) Benzidine	12.745	184	104673	18.594	ng	99
78) Pyrene	12.851	202	568445	40.475	ng	100
80) Butylbenzylphthalate	13.469	149	214111	52.557	ng	96
81) Benzo(a)anthracene	14.045	228	435462	43.082	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	33545	10.232	ng	99
83) Chrysene	14.080	228	380789	42.219	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	267213	45.588	ng	99
85) Di-n-octyl phthalate	14.639	149	433996	39.267	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	381609	29.595	ng	99
88) Benzo(b)fluoranthene	15.104	252	456106	46.562	ng	100
89) Benzo(k)fluoranthene	15.133	252	396508	43.265	ng	99
90) Benzo(a)pyrene	15.480	252	415232	43.878	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	312079	29.787	ng	98
92) Benzo(g,h,i)perylene	17.509	276	278882	26.694	ng	98

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

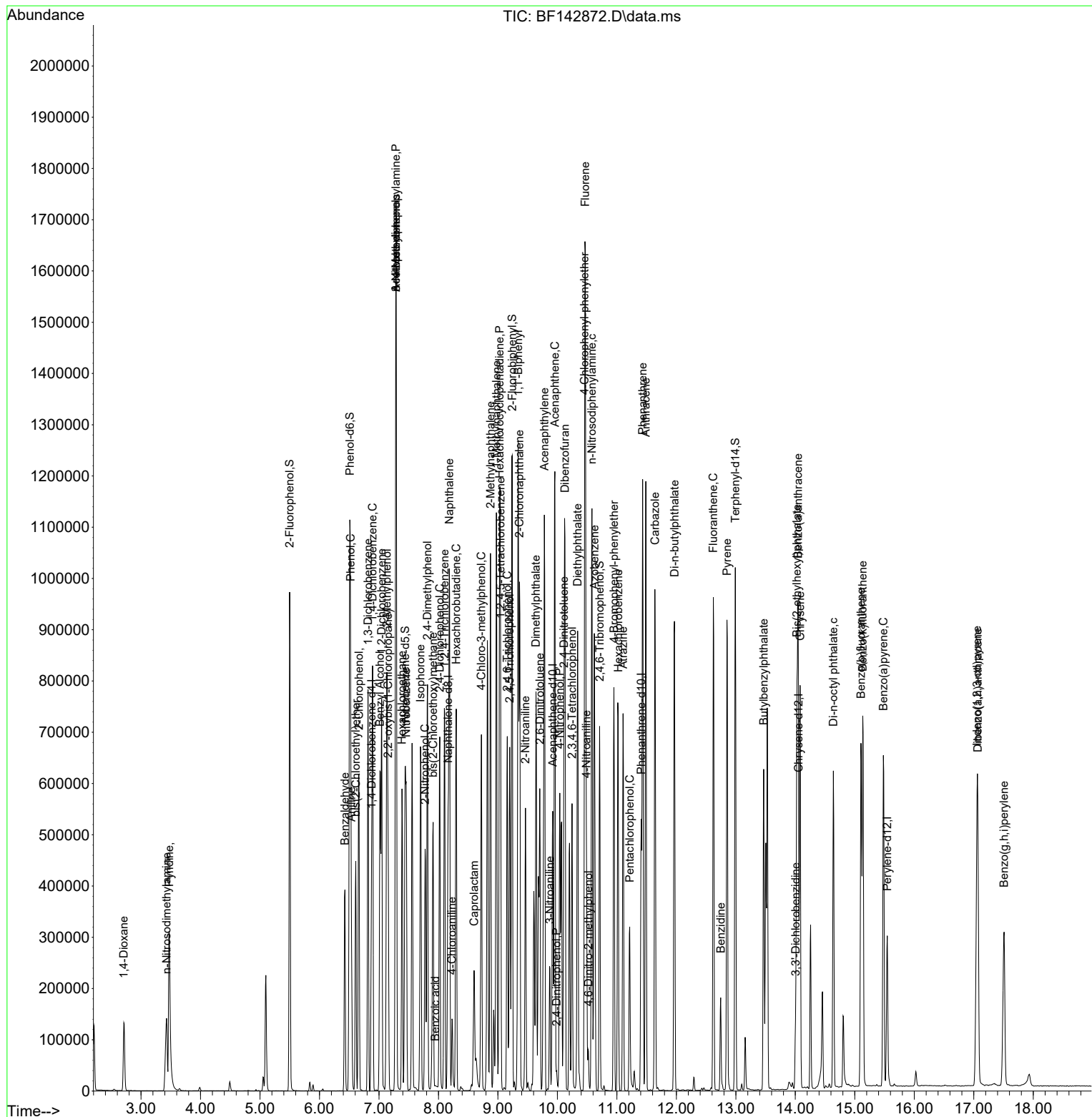

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\  
Data File : BF142872.D  
Acq On    : 26 Jun 2025  17:06  
Operator  : RC/JU  
Sample    : Q2416-01MS  
Misc      :  
ALS Vial  : 17    Sample Multiplier: 1
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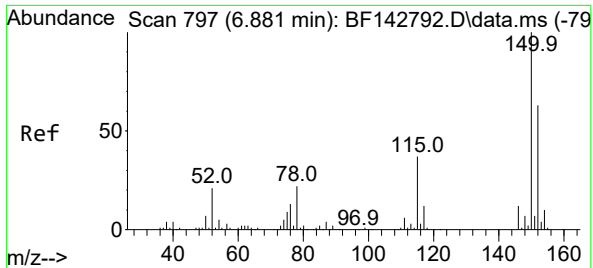
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

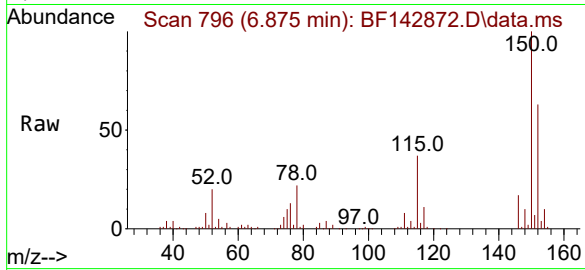
Quant Time: Jun 26 17:55:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

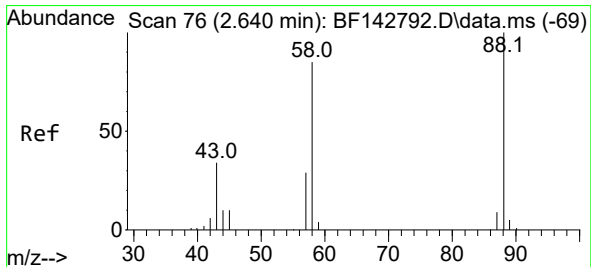
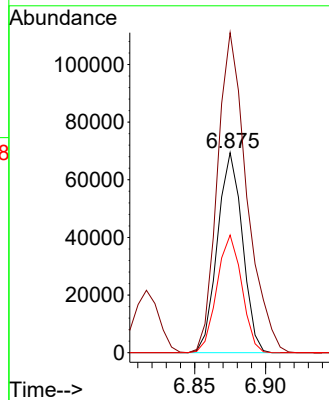
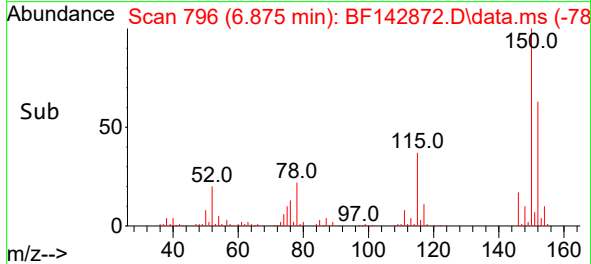
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



Tgt Ion:152 Resp: 84939
Ion Ratio Lower Upper
152 100
150 160.0 127.2 190.8
115 58.8 46.6 69.8

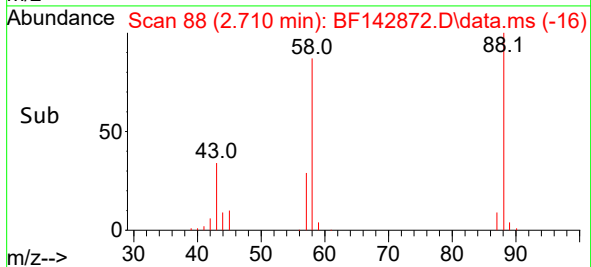
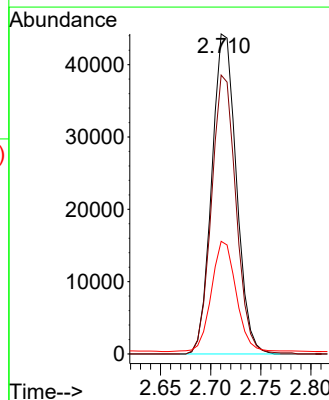
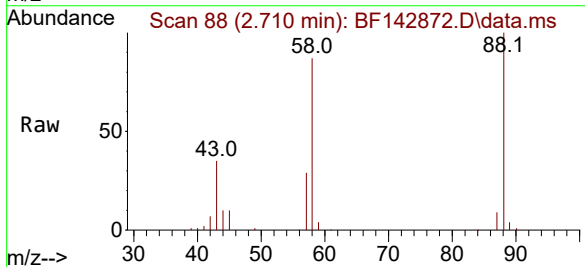
Manual Integrations
APPROVED

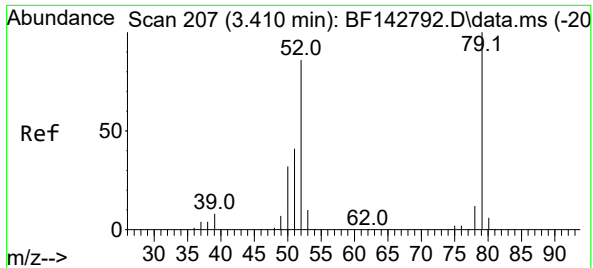
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#2
1,4-Dioxane
Concen: 37.010 ng
RT: 2.710 min Scan# 88
Delta R.T. 0.071 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

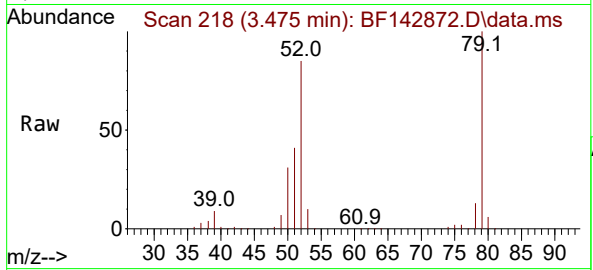
Tgt Ion: 88 Resp: 75520
Ion Ratio Lower Upper
88 100
58 87.0 69.1 103.7
43 34.9 27.4 41.2





#3
Pyridine
Concen: 39.128 ng
RT: 3.475 min Scan# 210
Delta R.T. 0.065 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

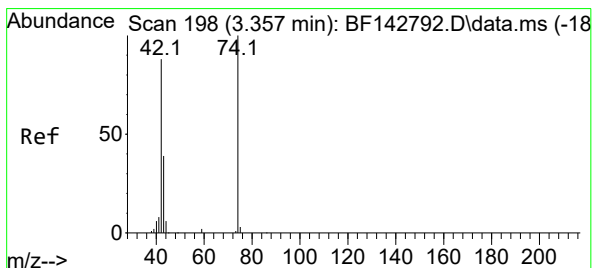
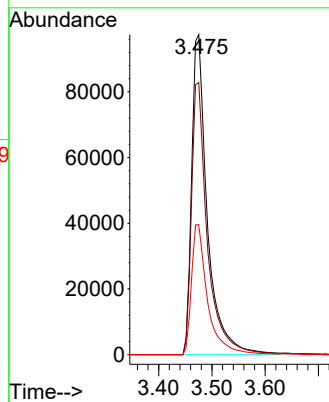
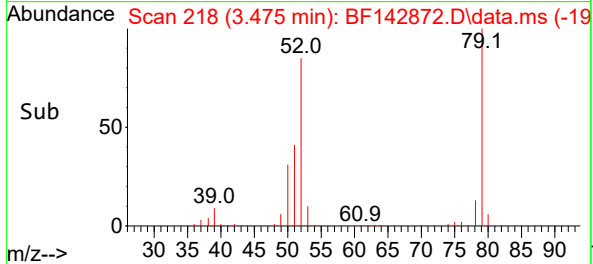
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



Tgt Ion: 79 Resp: 20016
Ion Ratio Lower Upper
79 100
52 85.0 69.2 103.8
51 40.7 33.2 49.8

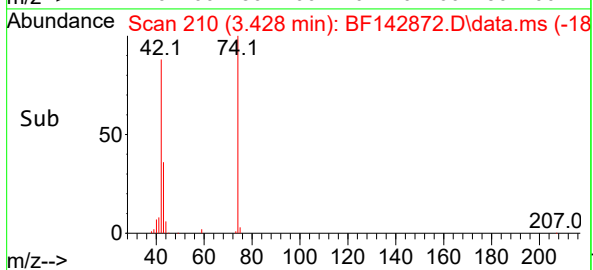
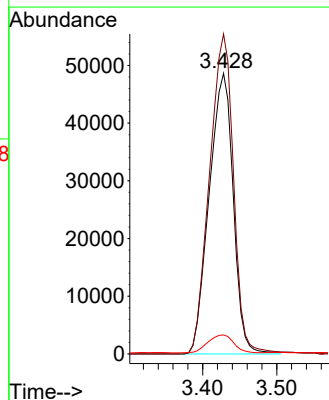
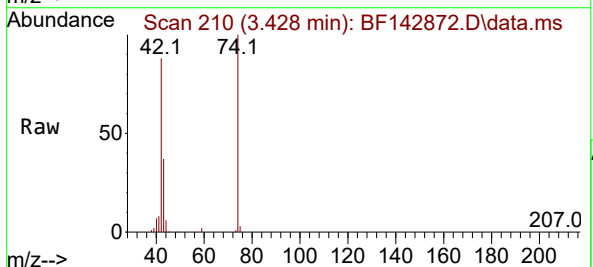
Manual Integrations
APPROVED

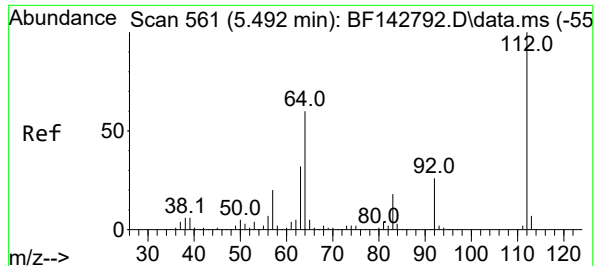
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#4
n-Nitrosodimethylamine
Concen: 41.485 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion: 42 Resp: 109742
Ion Ratio Lower Upper
42 100
74 114.0 90.9 136.3
44 6.8 5.8 8.6





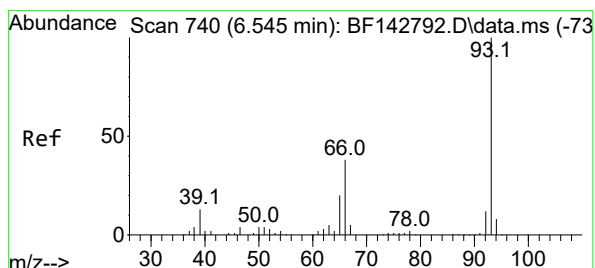
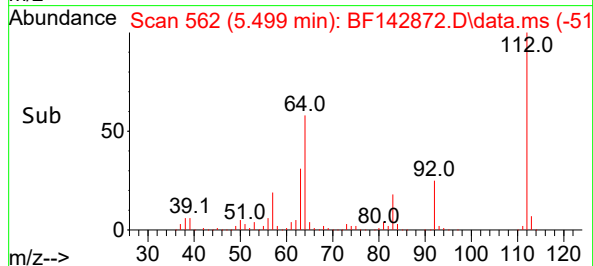
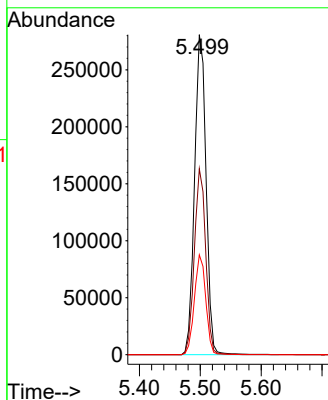
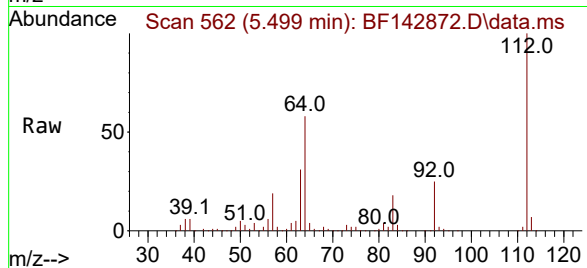
#5
2-Fluorophenol
Concen: 72.241 ng
RT: 5.499 min Scan# 50
Delta R.T. 0.007 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

Tgt Ion:112 Resp: 368548
Ion Ratio Lower Upper
112 100
64 58.1 48.2 72.2
63 31.2 25.7 38.5

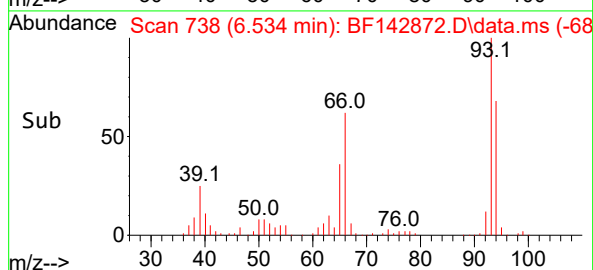
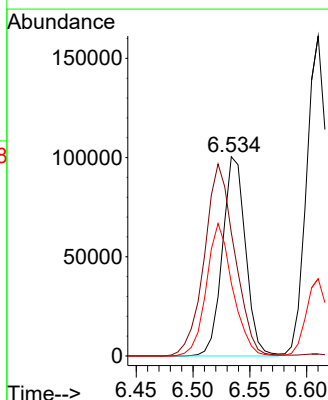
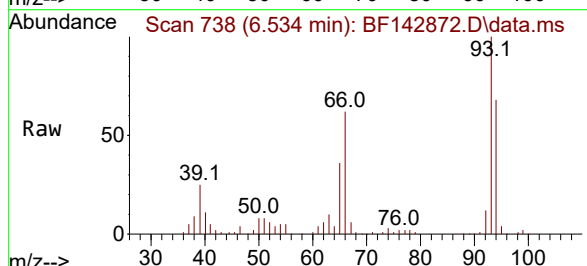
Manual Integrations
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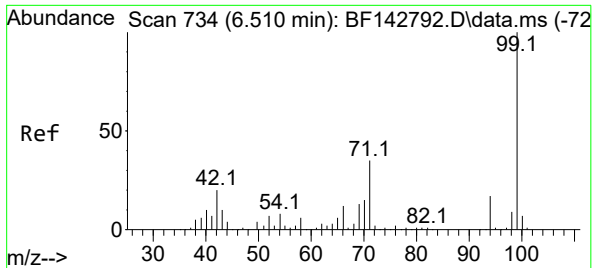
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#6
Aniline
Concen: 17.725 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion: 93 Resp: 141956
Ion Ratio Lower Upper
93 100
66 61.9 31.8 47.6#
65 36.5 16.2 24.2#





#7

Phenol-d6

Concen: 75.190 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion: 99 Resp: 452569

Ion Ratio Lower Upper

99 100

42 19.2 15.9 23.9

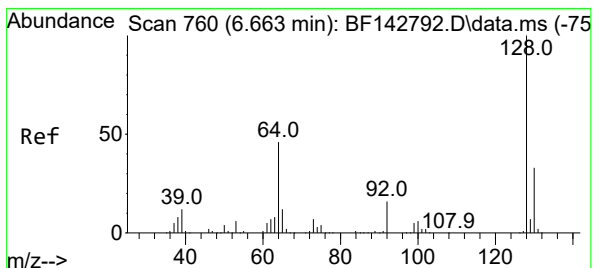
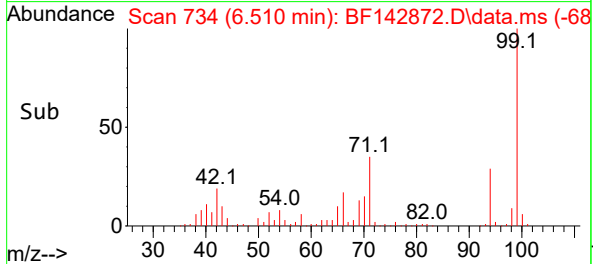
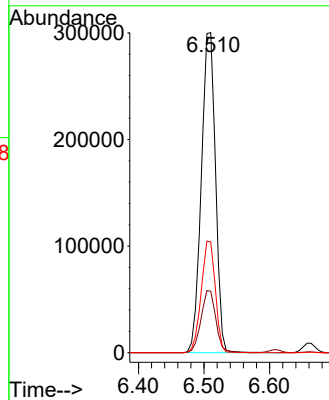
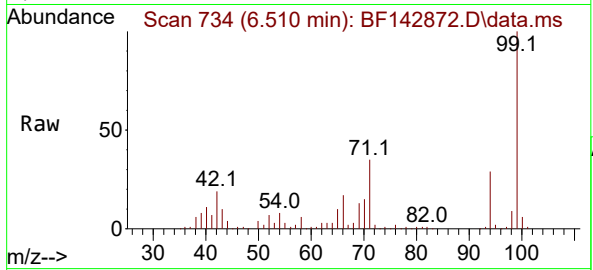
71 34.6 27.8 41.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#8

2-Chlorophenol

Concen: 42.931 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

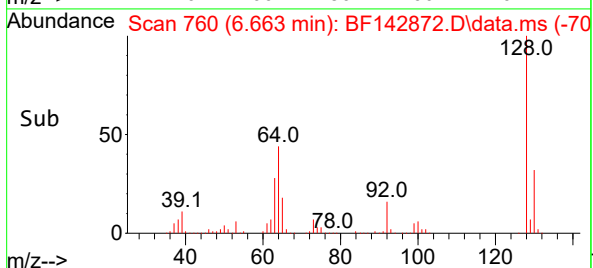
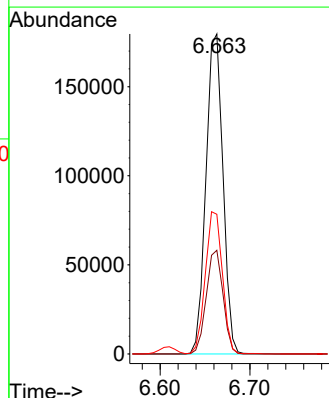
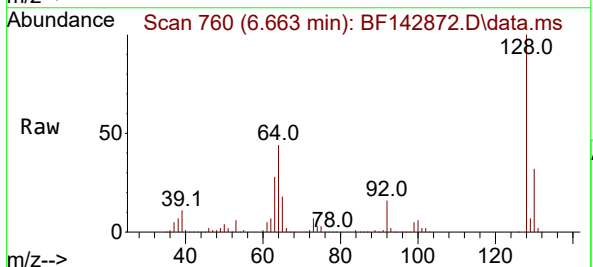
Tgt Ion:128 Resp: 236259

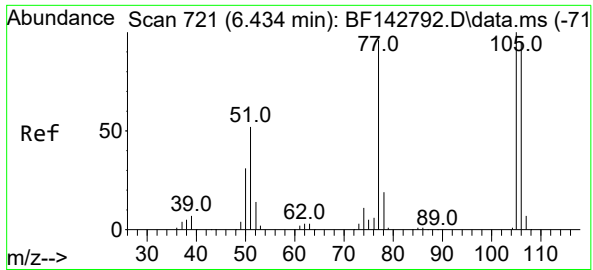
Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

64 43.7 26.5 66.5





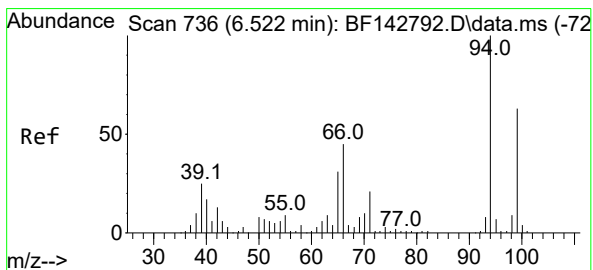
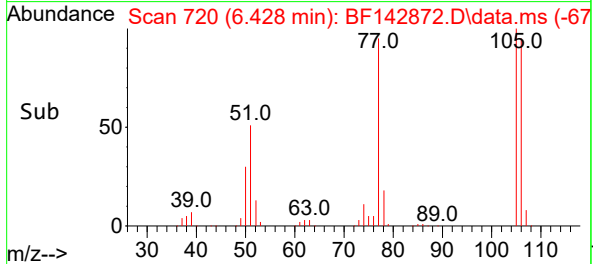
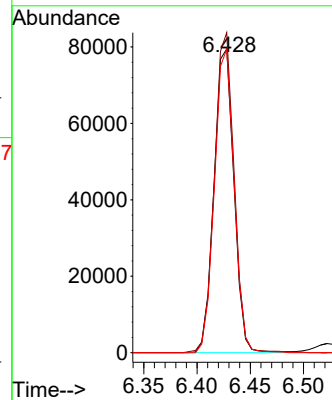
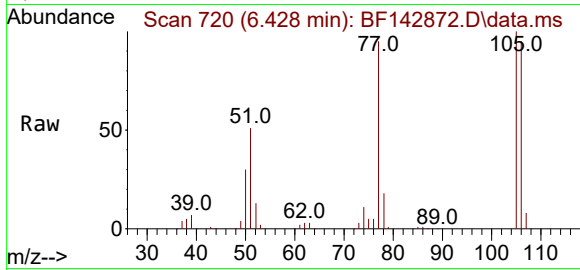
#9
Benzaldehyde
Concen: 28.933 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

Tgt Ion: 77 Resp: 10331
Ion Ratio Lower Upper
77 100
105 105.3 83.8 123.8
106 99.9 78.7 118.7

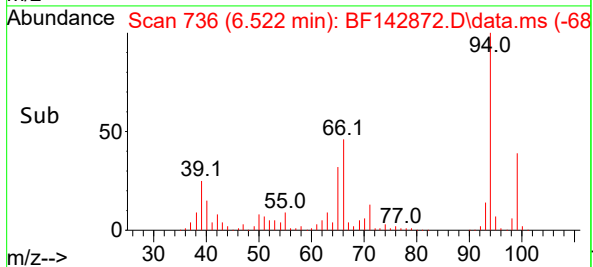
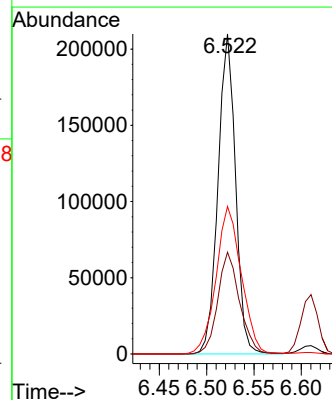
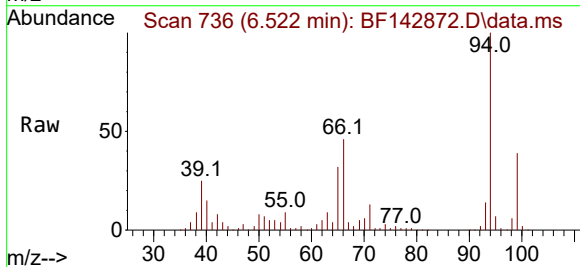
Manual Integrations
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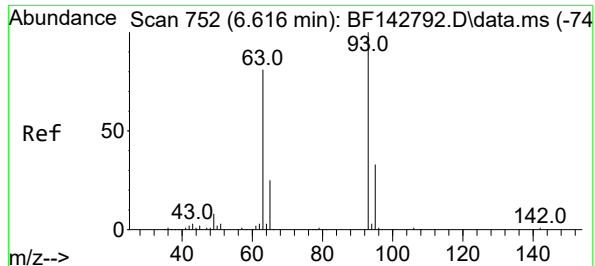
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#10
Phenol
Concen: 40.358 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

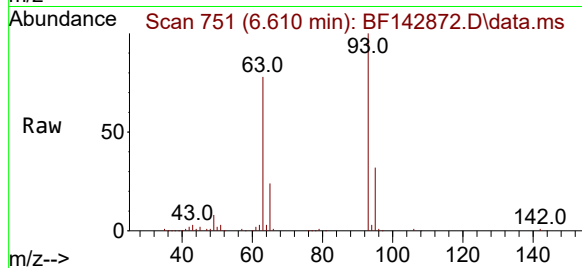
Tgt Ion: 94 Resp: 270018
Ion Ratio Lower Upper
94 100
65 31.8 11.3 51.3
66 46.1 24.9 64.9





#11
bis(2-Chloroethyl)ether
Concen: 42.347 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

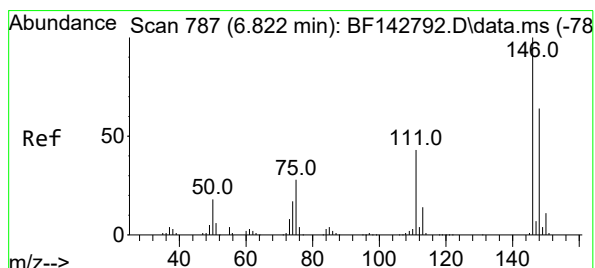
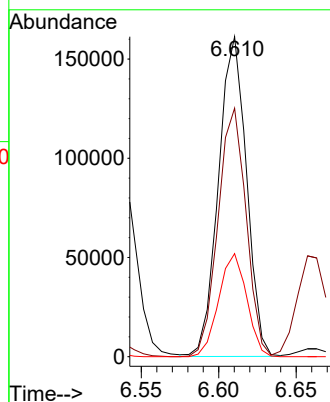
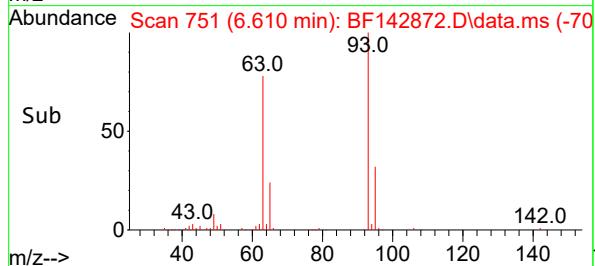
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



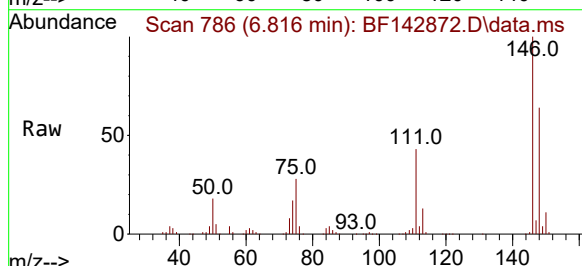
Tgt Ion: 93 Resp: 202495
Ion Ratio Lower Upper
93 100
63 77.6 60.3 100.3
95 32.2 12.5 52.5

Manual Integrations
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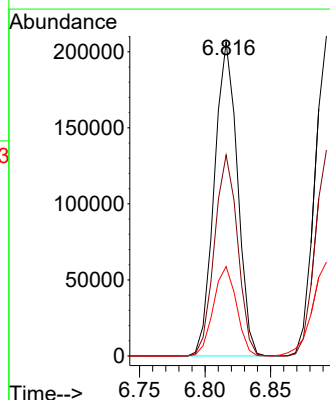
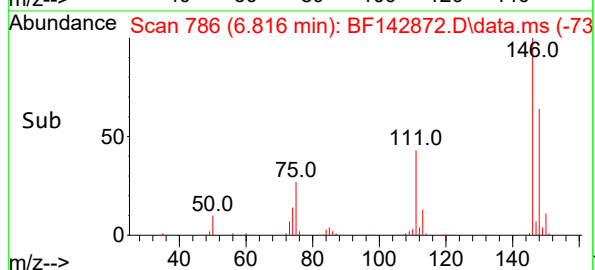
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

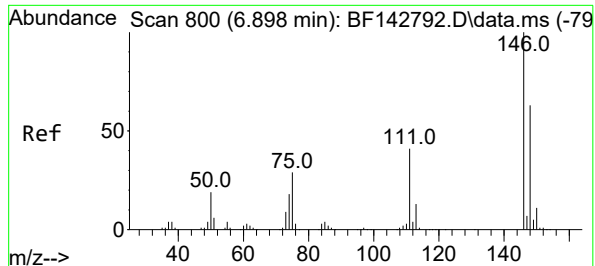


#12
1,3-Dichlorobenzene
Concen: 41.078 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06



Tgt Ion:146 Resp: 252822
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
75 28.5 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 41.321 ng

RT: 6.893 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:146 Resp: 256590

Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.2

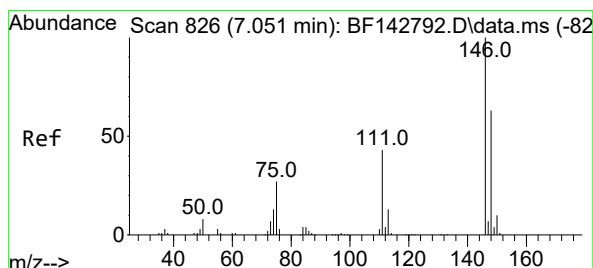
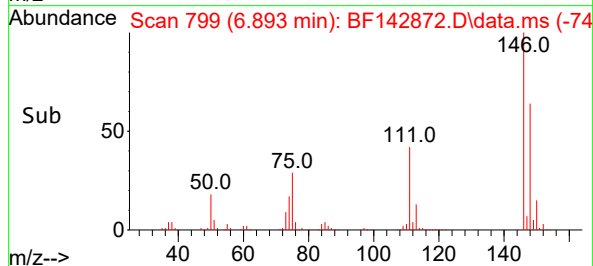
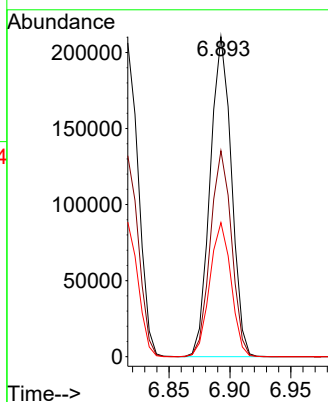
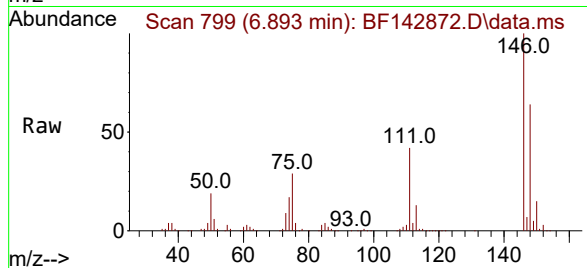
111 41.9 33.2 49.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/27/2025



#14

1,2-Dichlorobenzene

Concen: 41.904 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

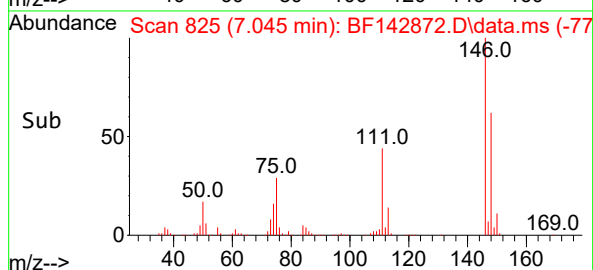
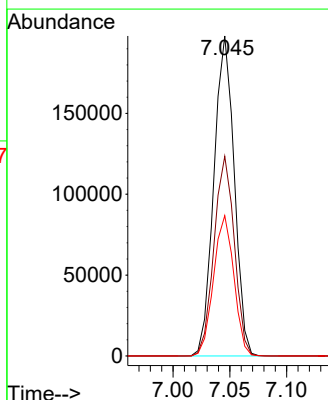
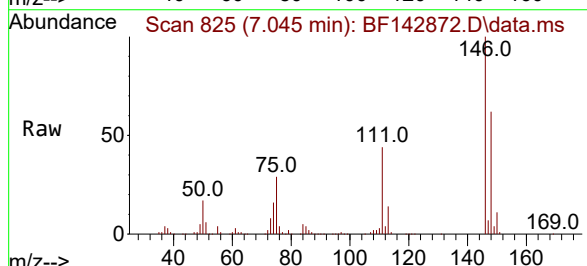
Tgt Ion:146 Resp: 246807

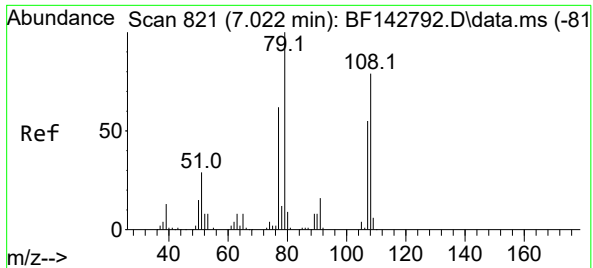
Ion Ratio Lower Upper

146 100

148 62.4 50.4 75.6

111 43.8 34.1 51.1





#15

Benzyl Alcohol

Concen: 43.045 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion: 79 Resp: 18730

Ion Ratio Lower Upper

79 100

108 78.0 63.4 95.0

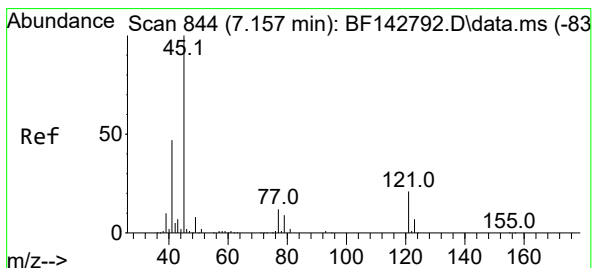
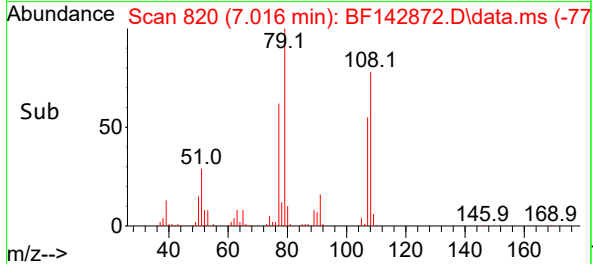
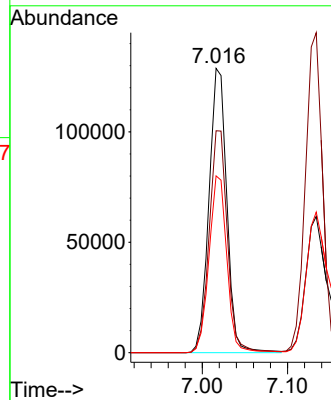
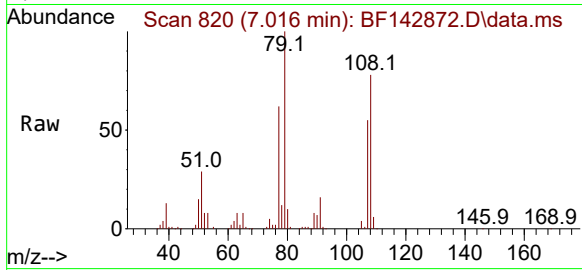
77 62.2 49.5 74.3

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.060 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

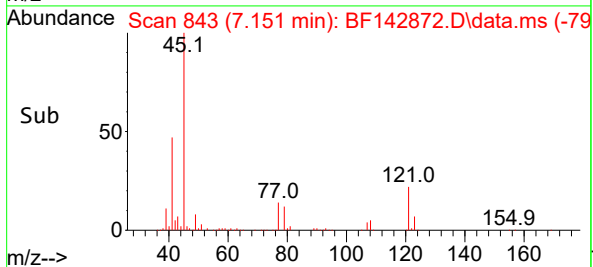
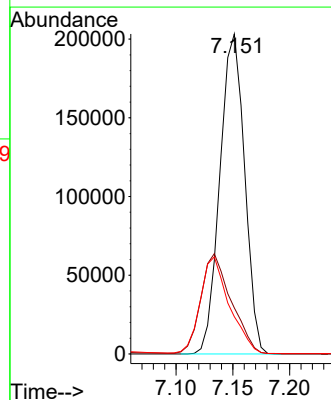
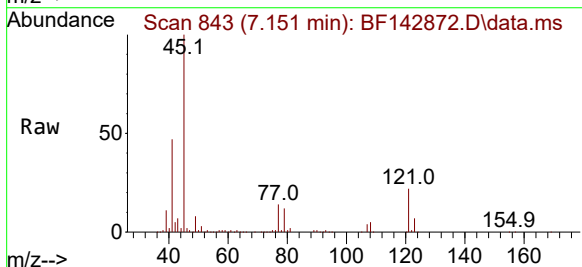
Tgt Ion: 45 Resp: 307769

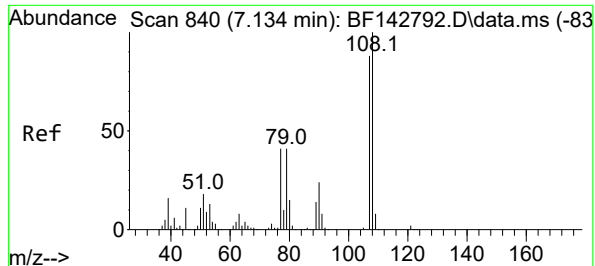
Ion Ratio Lower Upper

45 100

77 14.4 0.0 32.8

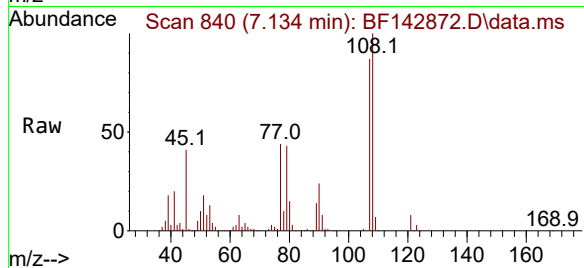
79 11.7 0.0 29.8





#17
2-Methylphenol
Concen: 42.682 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

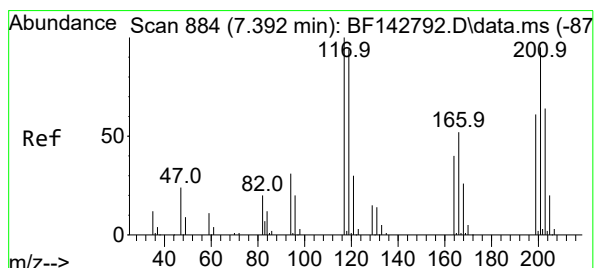
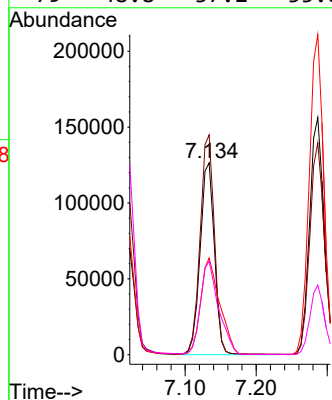
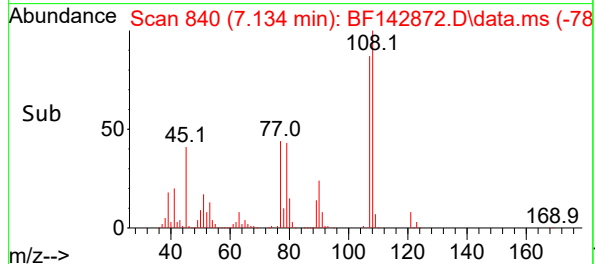
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



Tgt Ion:107 Resp: 17800
Ion Ratio Lower Upper
107 100
108 114.6 90.9 136.3
77 50.4 37.3 55.9
79 48.8 37.2 55.8

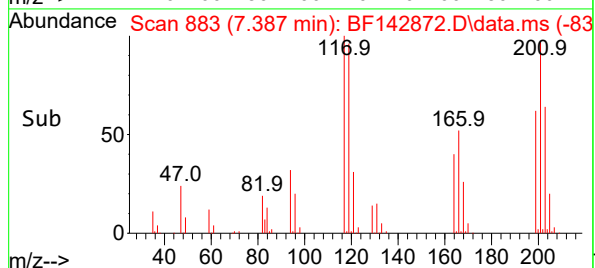
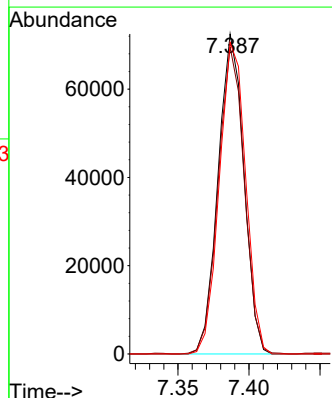
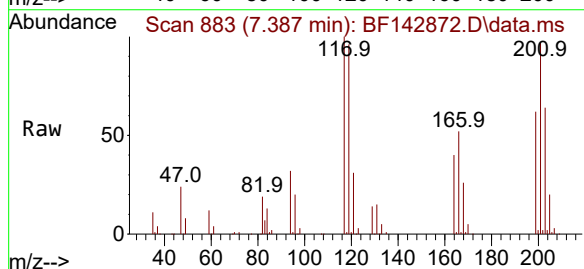
Manual Integrations
APPROVED

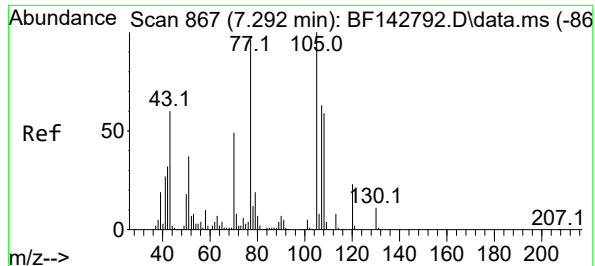
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#18
Hexachloroethane
Concen: 42.086 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:117 Resp: 91410
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.0
201 97.3 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.102 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion: 70 Resp: 147385

Ion Ratio Lower Upper

70 100

42 64.1 52.1 78.1

101 10.3 8.2 12.2

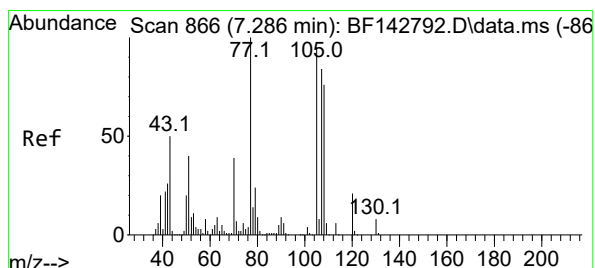
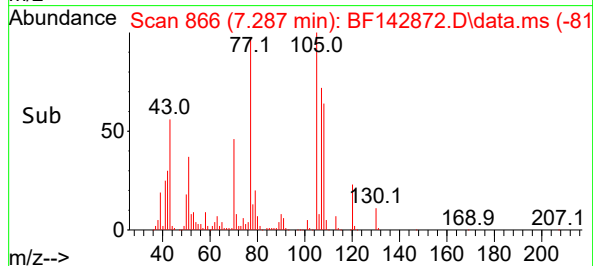
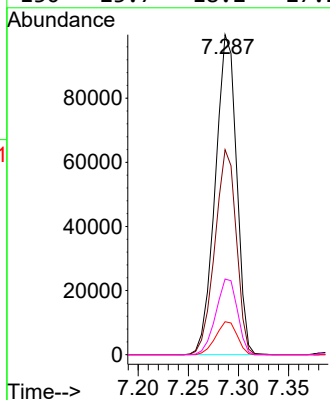
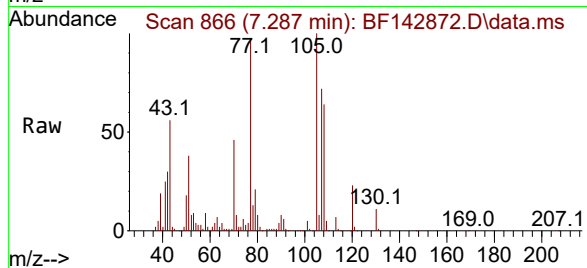
130 23.7 18.2 27.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#20

3+4-Methylphenols

Concen: 43.126 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Tgt Ion:107 Resp: 224246

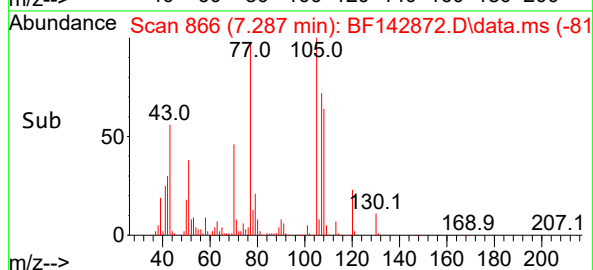
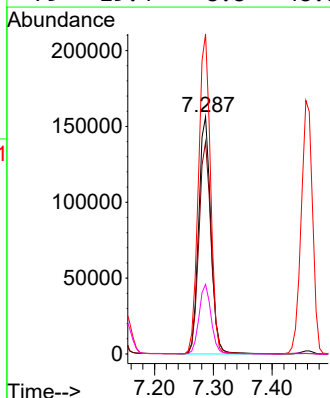
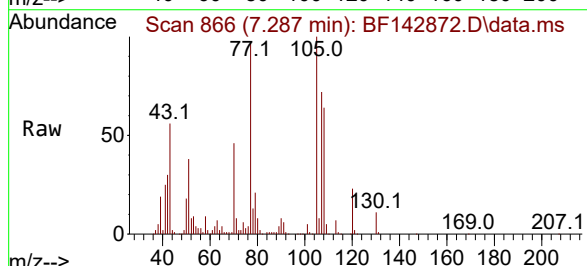
Ion Ratio Lower Upper

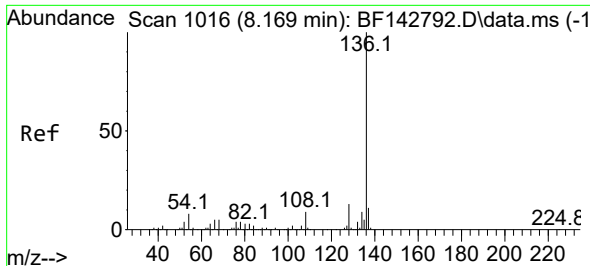
107 100

108 89.3 70.0 110.0

77 134.9 98.5 138.5

79 29.4 8.8 48.8





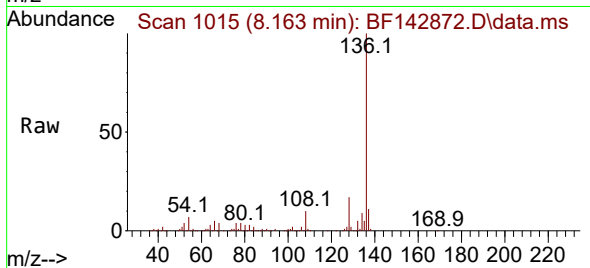
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

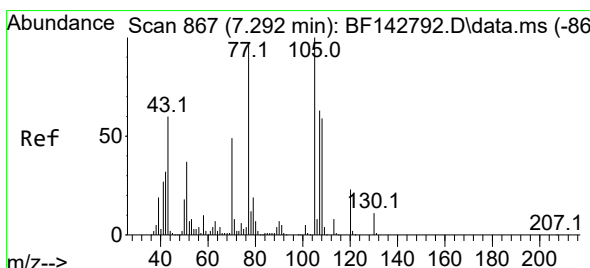
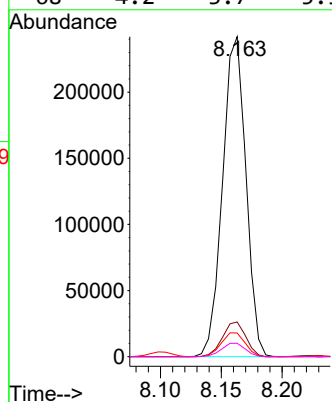
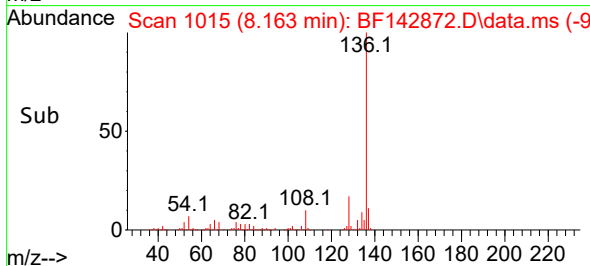


Tgt Ion:136 Resp: 322600
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.4 6.3 9.5
68 4.2 3.7 5.5

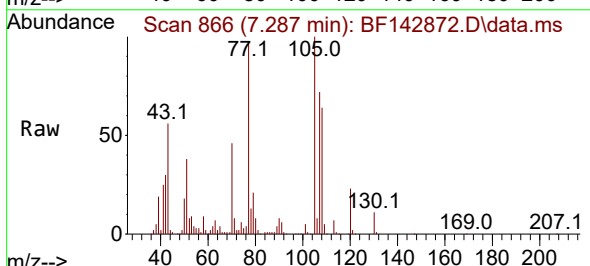
Manual Integrations

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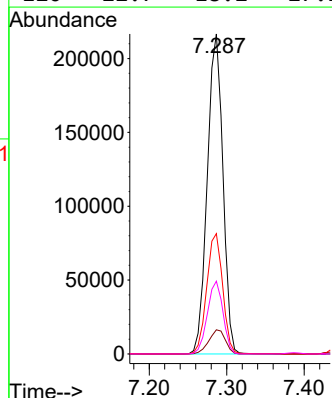
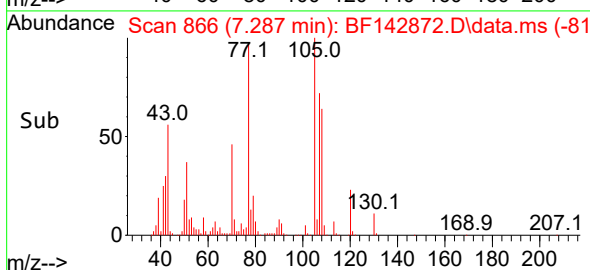
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

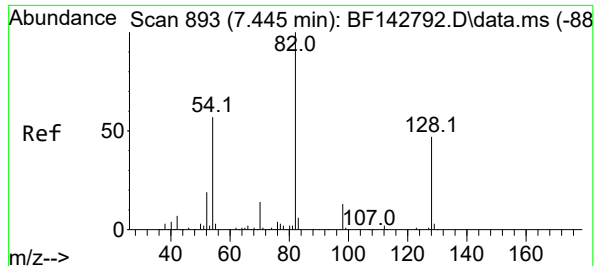


#22
Acetophenone
Concen: 42.610 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06



Tgt Ion:105 Resp: 303127
Ion Ratio Lower Upper
105 100
71 7.6 6.5 9.7
51 37.6 29.8 44.8
120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 45.048 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion: 82 Resp: 26494

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

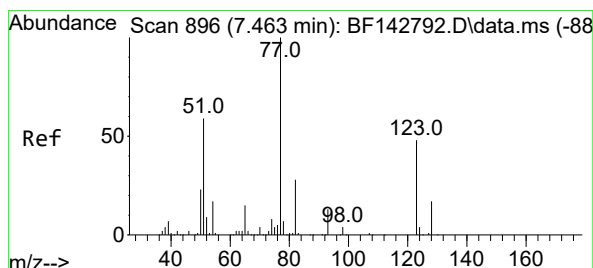
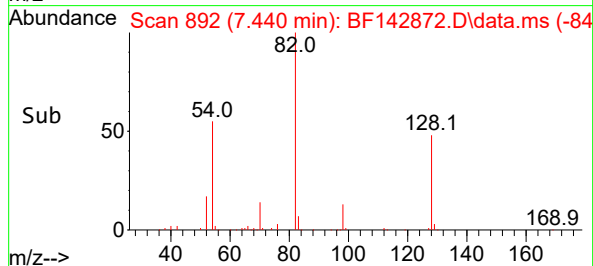
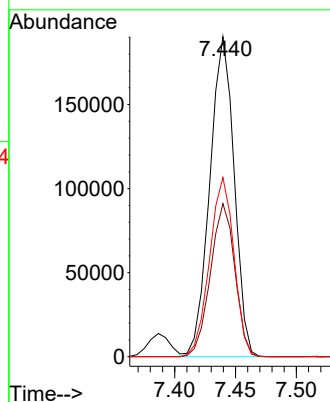
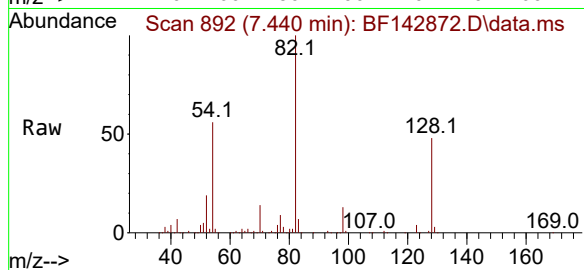
54 56.0 45.7 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#24

Nitrobenzene

Concen: 42.181 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

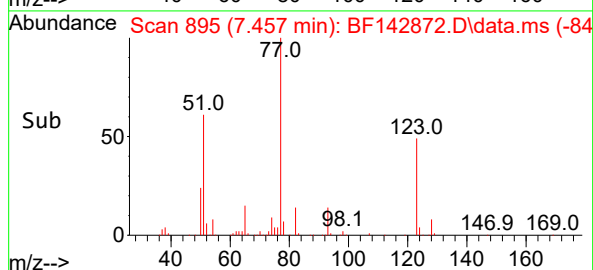
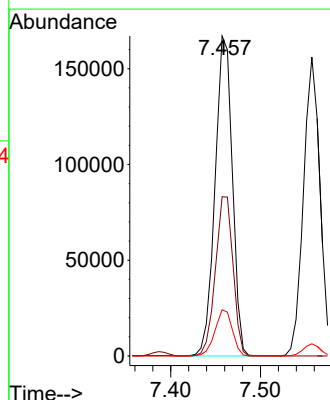
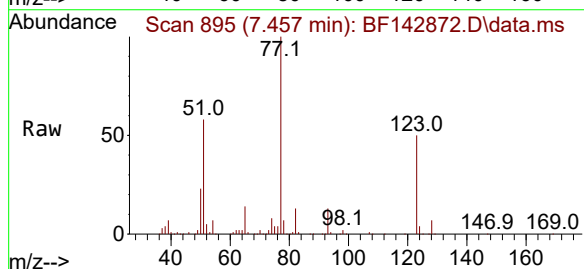
Tgt Ion: 77 Resp: 224541

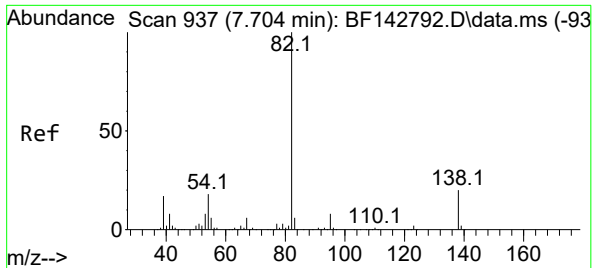
Ion Ratio Lower Upper

77 100

123 49.8 39.2 58.8

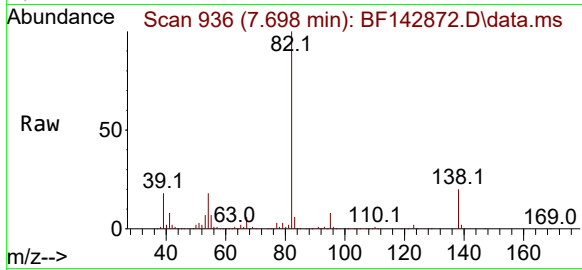
65 14.4 11.6 17.4





#25
Isophorone
Concen: 42.252 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

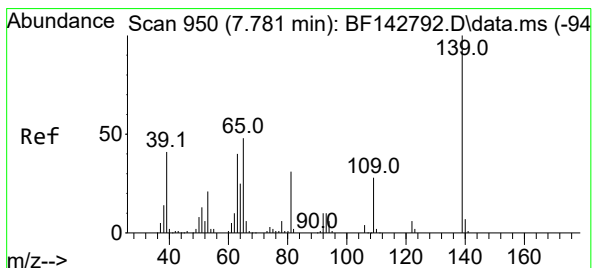
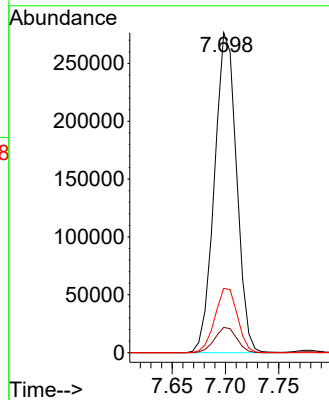
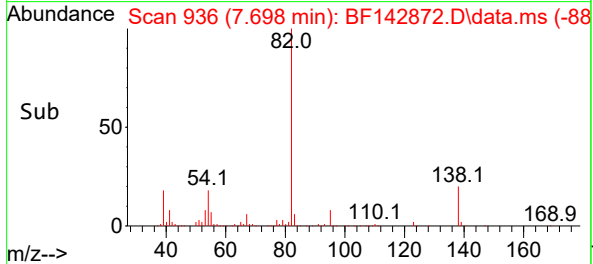
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



Tgt Ion: 82 Resp: 398638
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 20.1 16.2 24.4

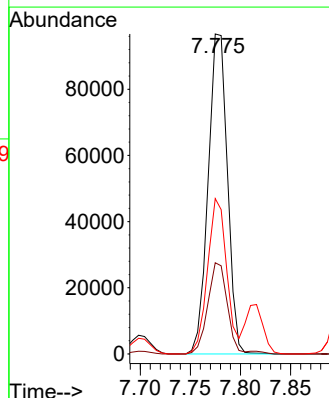
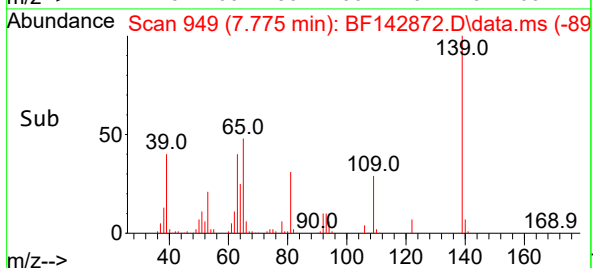
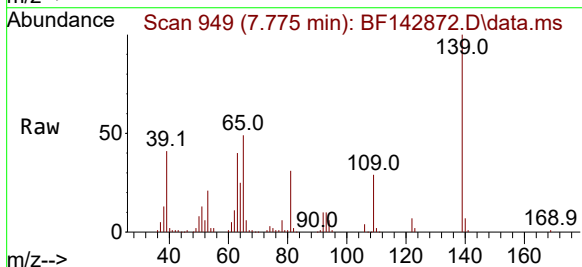
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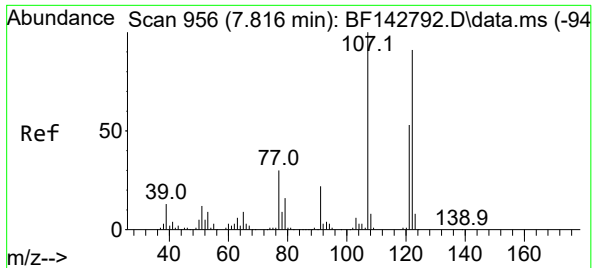
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#26
2-Nitrophenol
Concen: 44.697 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:139 Resp: 129615
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 48.6 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.444 ng

RT: 7.816 min Scan# 956

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:122 Resp: 213190

Ion Ratio Lower Upper

122 100

107 110.0 88.0 132.0

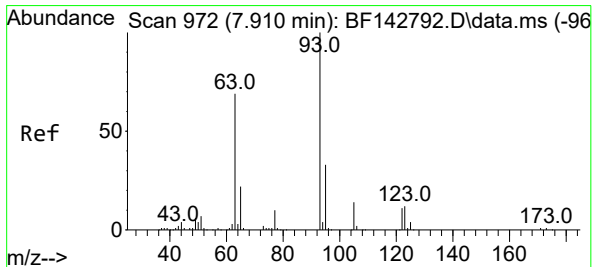
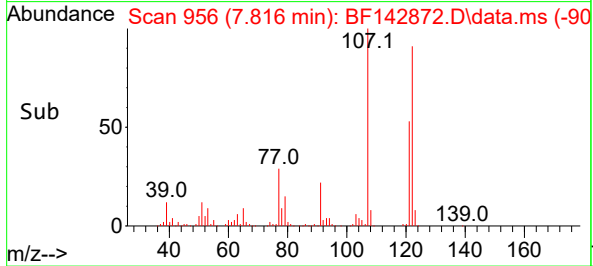
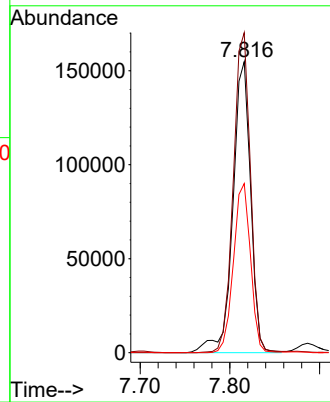
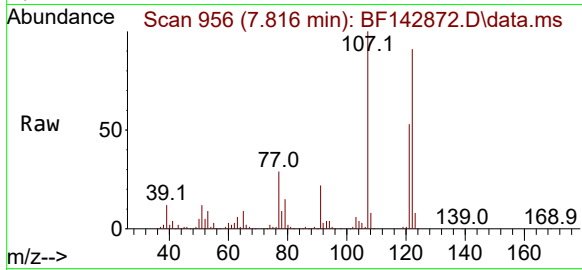
121 58.1 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.417 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

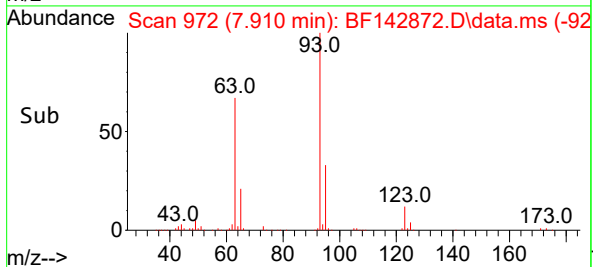
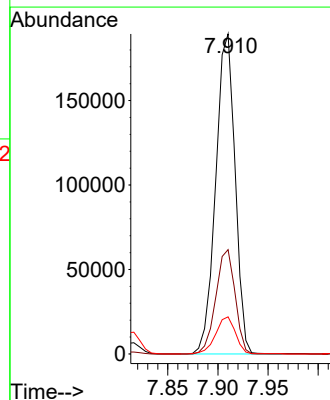
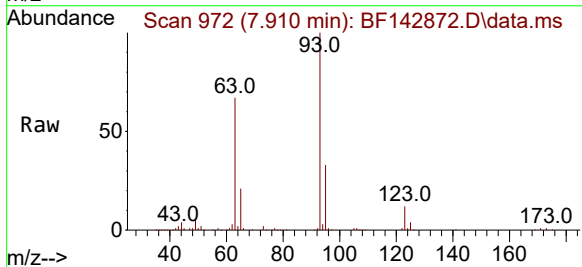
Tgt Ion: 93 Resp: 254428

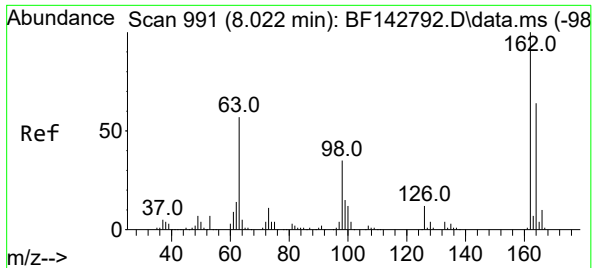
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 11.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.732 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142872.D

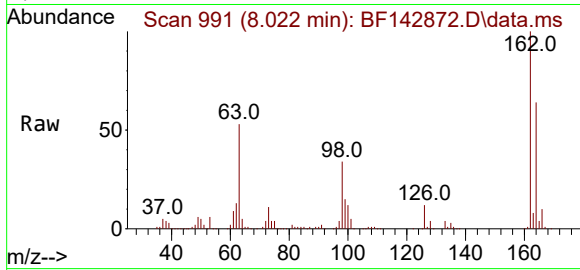
Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS



Tgt Ion:162 Resp: 194624

Ion Ratio Lower Upper

162 100

164 64.2 44.0 84.0

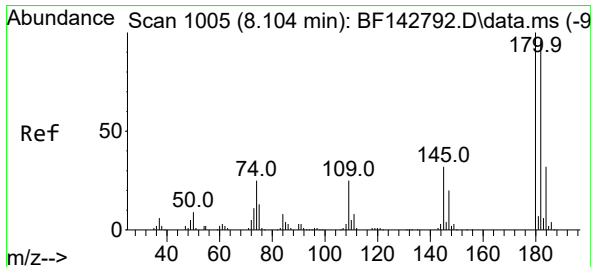
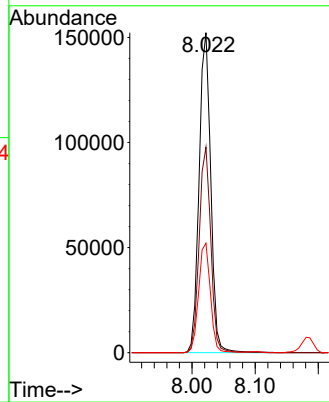
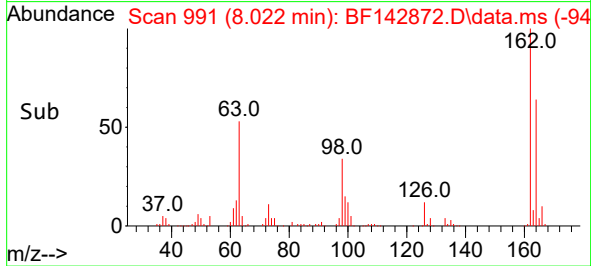
98 34.2 15.4 55.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#30

1,2,4-Trichlorobenzene

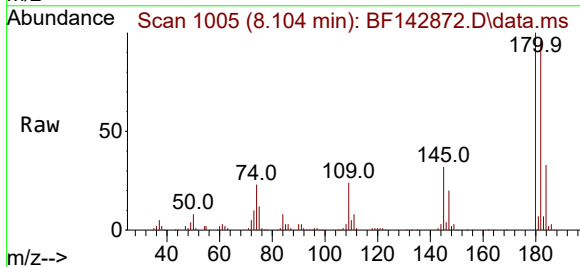
Concen: 42.259 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06



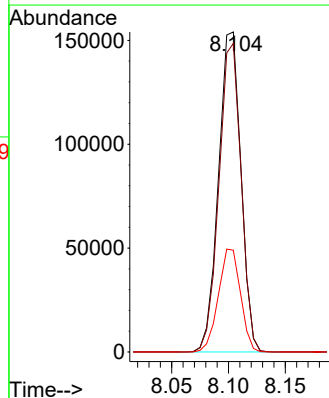
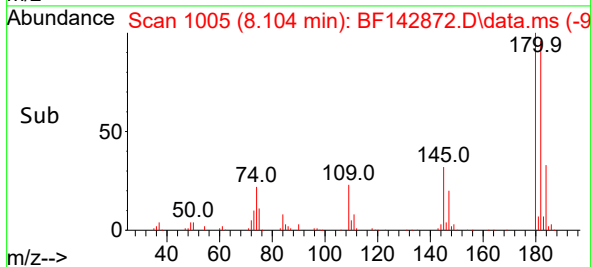
Tgt Ion:180 Resp: 211641

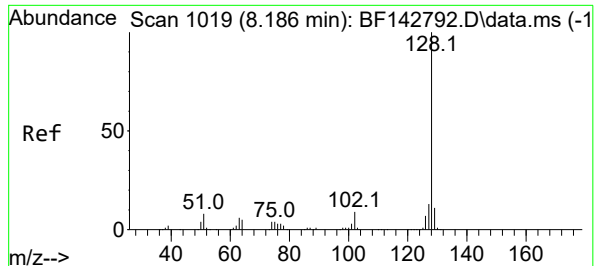
Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

145 31.8 25.8 38.8





#31

Naphthalene

Concen: 42.118 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:128 Resp: 66509

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

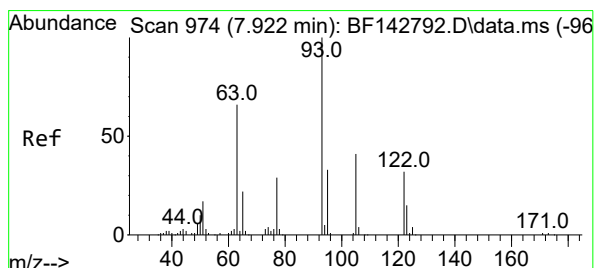
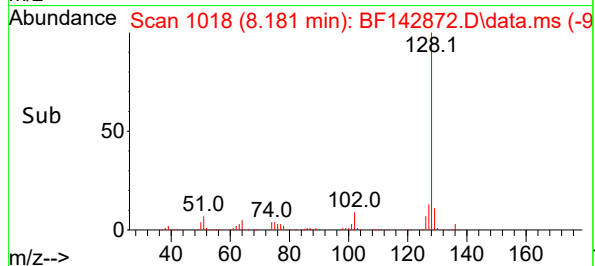
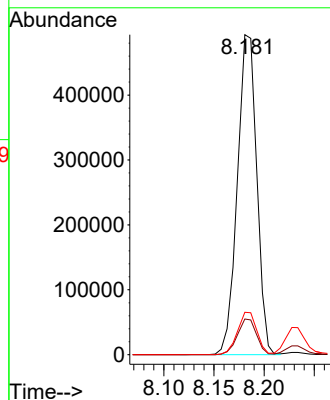
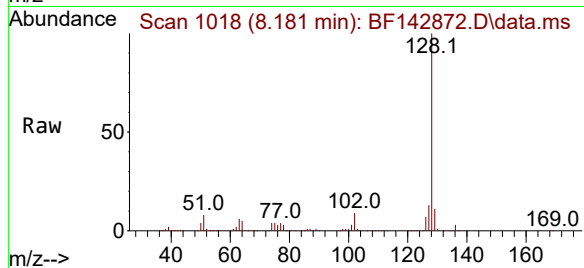
127 13.2 10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#32

Benzoic acid

Concen: 3.723 ng m

RT: 7.945 min Scan# 978

Delta R.T. 0.024 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

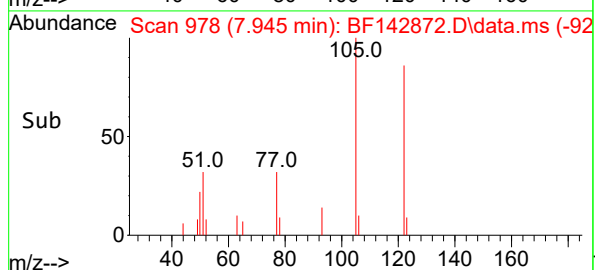
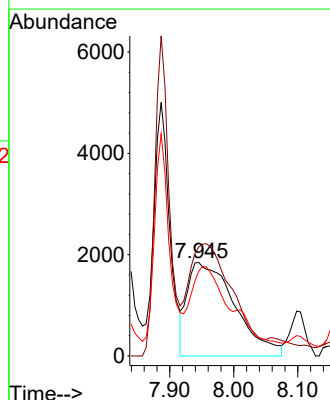
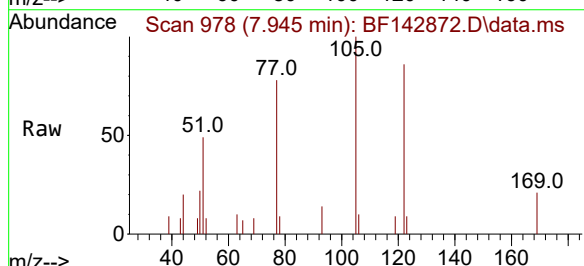
Tgt Ion:122 Resp: 9532

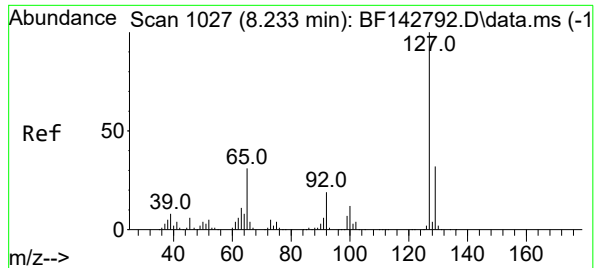
Ion Ratio Lower Upper

122 100

105 116.8 104.7 144.7

77 91.1 70.2 110.2





#33

4-Chloroaniline

Concen: 10.076 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:127 Resp: 64699

Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 30.3 24.6 36.8

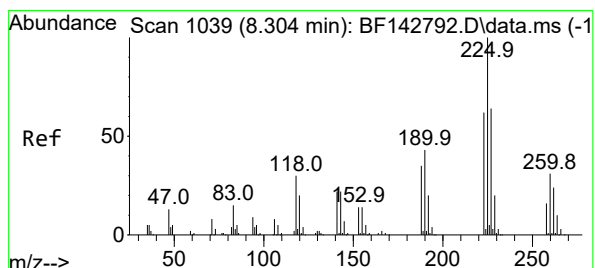
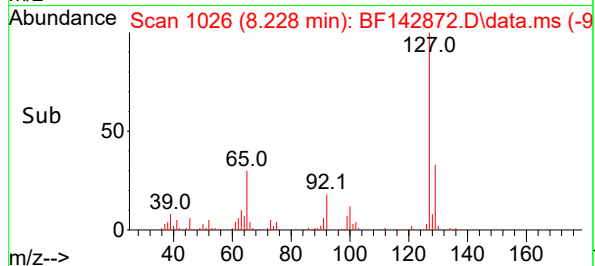
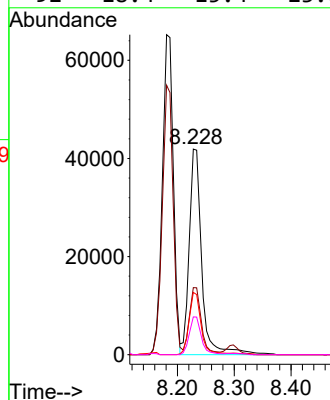
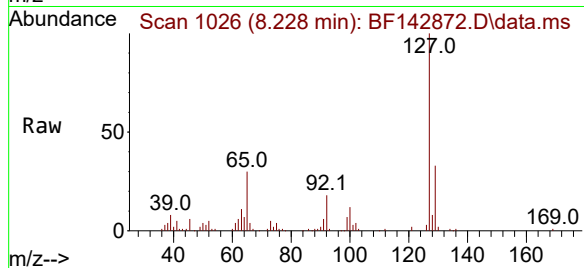
92 18.4 15.4 23.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#34

Hexachlorobutadiene

Concen: 42.135 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

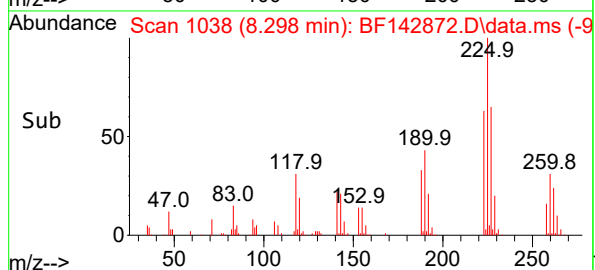
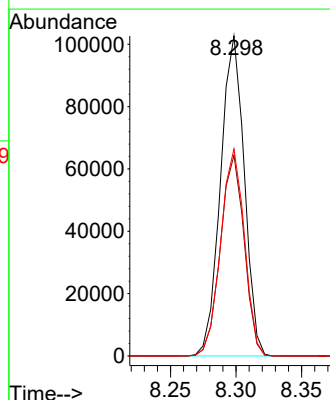
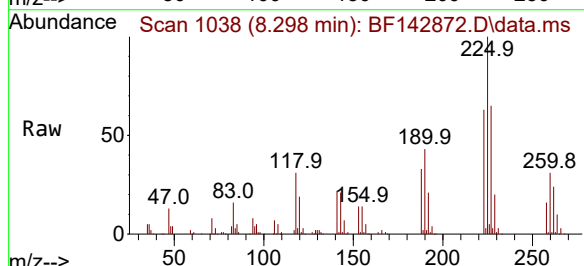
Tgt Ion:225 Resp: 129077

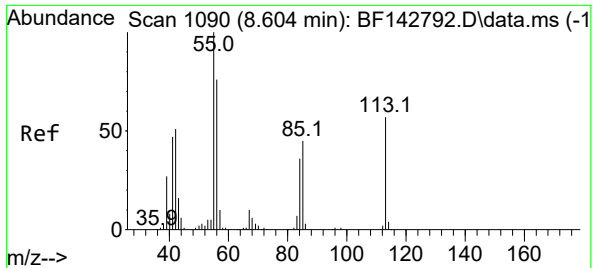
Ion Ratio Lower Upper

225 100

223 62.7 49.9 74.9

227 64.7 51.4 77.0





#35

Caprolactam

Concen: 47.141 ng

RT: 8.598 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:113 Resp: 5665

Ion Ratio Lower Upper

113 100

55 172.1 154.4 194.4

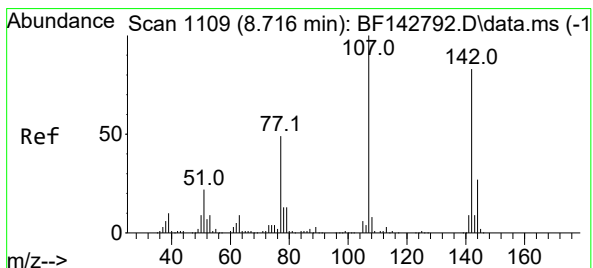
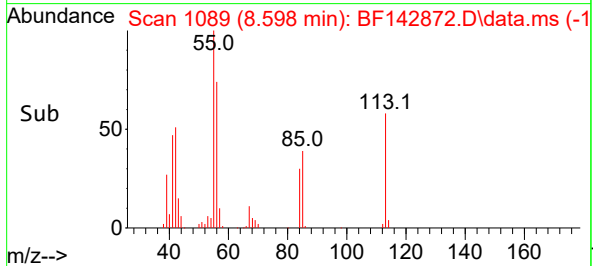
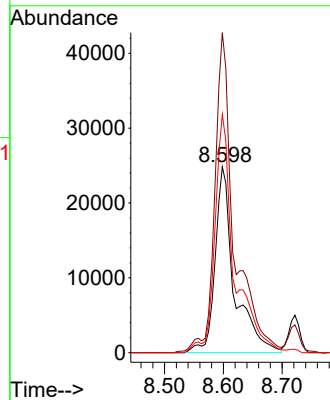
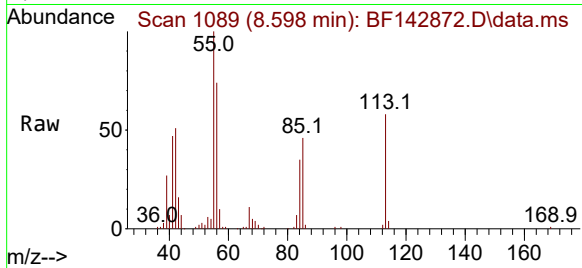
56 128.1 112.1 152.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#36

4-Chloro-3-methylphenol

Concen: 43.444 ng

RT: 8.722 min Scan# 1110

Delta R.T. 0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

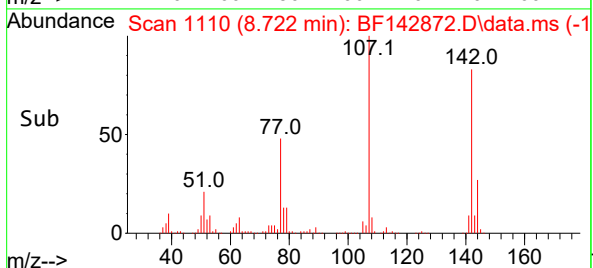
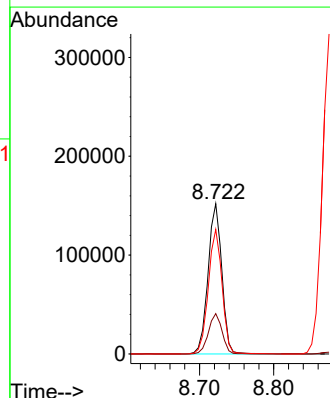
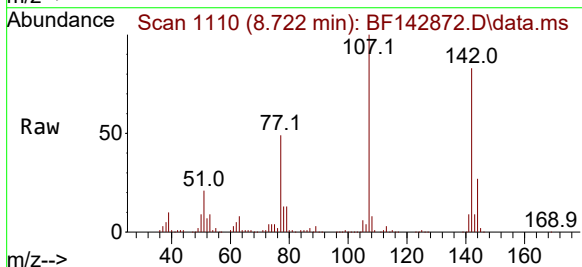
Tgt Ion:107 Resp: 196647

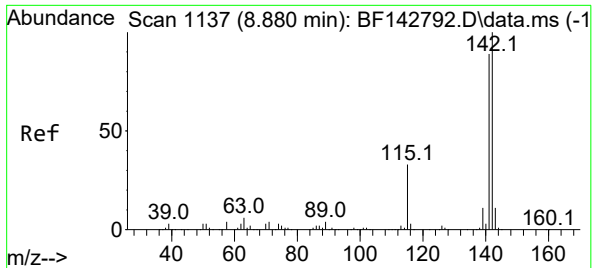
Ion Ratio Lower Upper

107 100

144 26.8 21.3 31.9

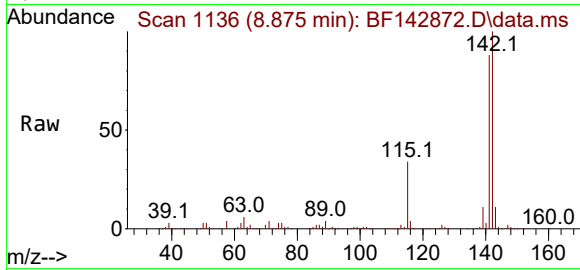
142 82.8 66.6 100.0





#37
2-Methylnaphthalene
Concen: 42.441 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

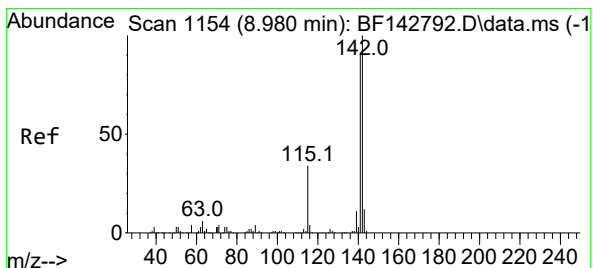
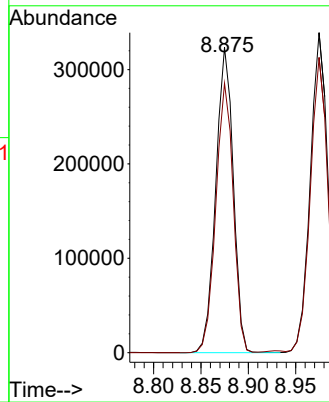
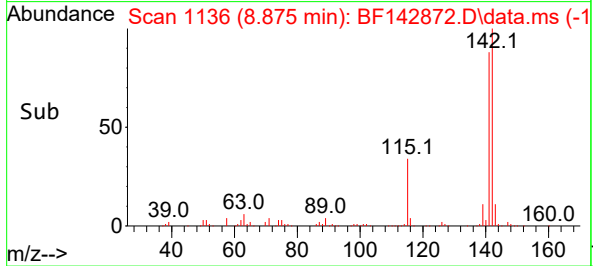
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



Tgt Ion:142 Resp: 41548
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3

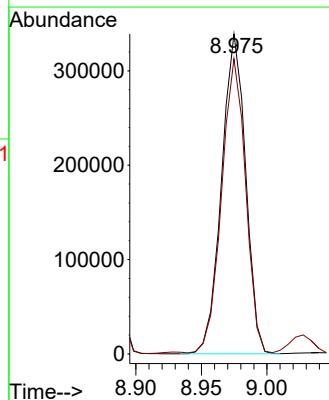
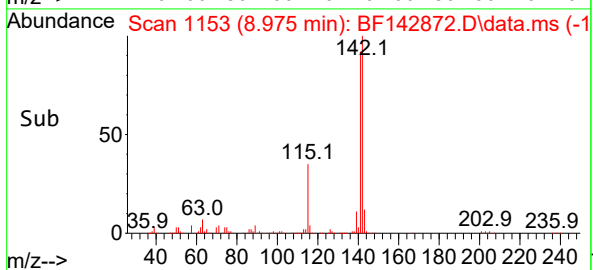
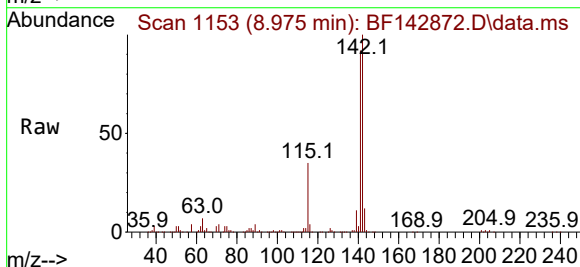
Manual Integrations
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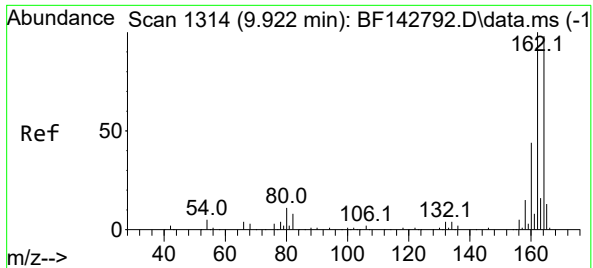
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#38
1-Methylnaphthalene
Concen: 42.621 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:142 Resp: 431940
Ion Ratio Lower Upper
142 100
141 92.3 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: BF142872.D

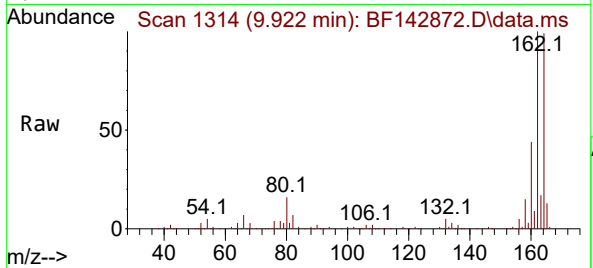
Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS



Tgt Ion:164 Resp: 168684

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.8

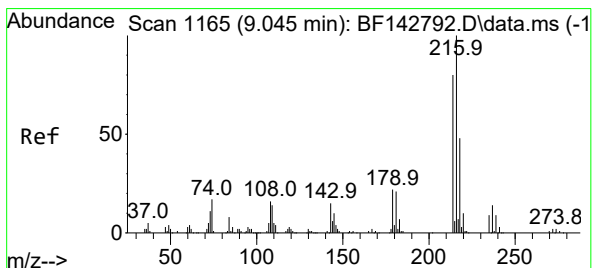
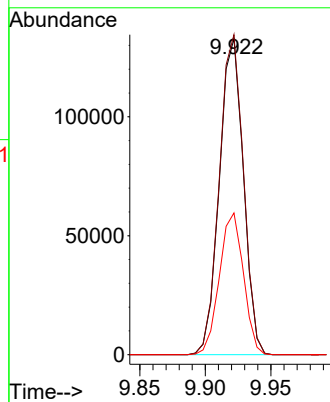
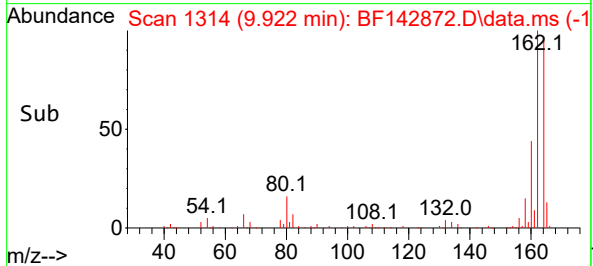
160 44.9 36.0 54.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.352 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Tgt Ion:216 Resp: 210801

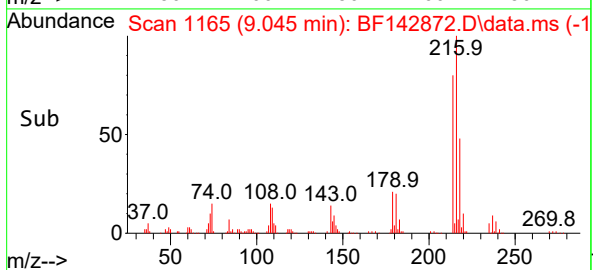
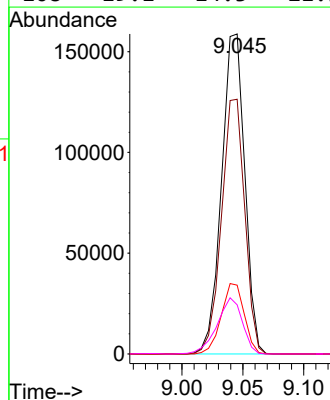
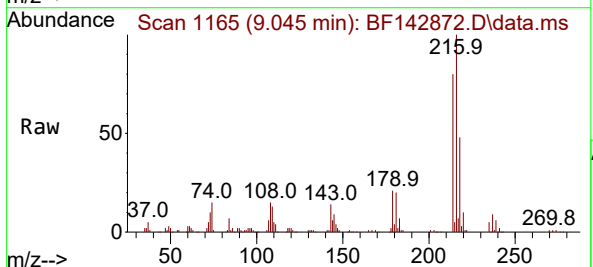
Ion Ratio Lower Upper

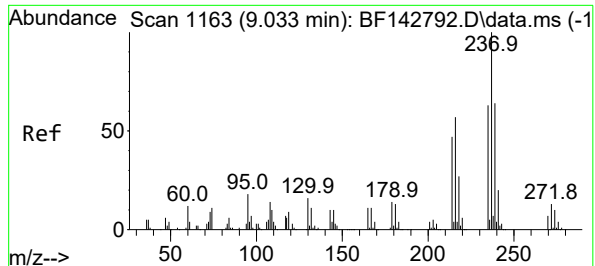
216 100

214 79.5 63.7 95.5

179 21.8 17.6 26.4

108 19.1 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 75.466 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:237 Resp: 213150

Ion Ratio Lower Upper

237 100

235 63.2 43.4 83.4

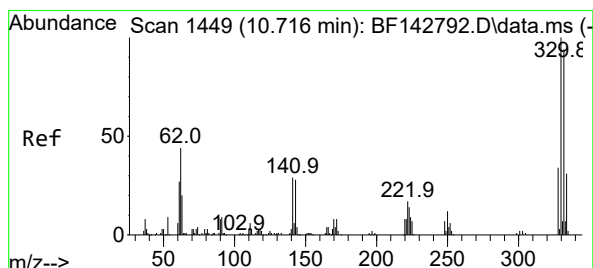
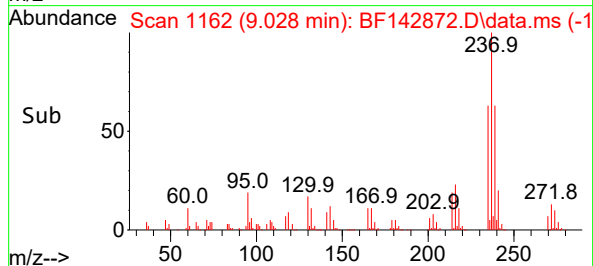
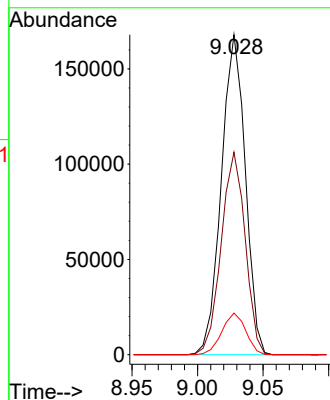
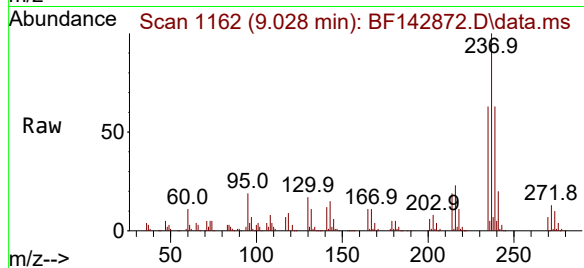
272 13.0 0.0 32.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#42

2,4,6-Tribromophenol

Concen: 68.354 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

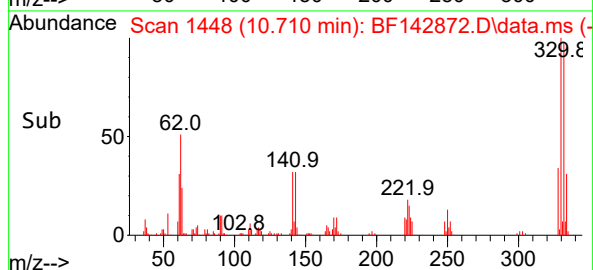
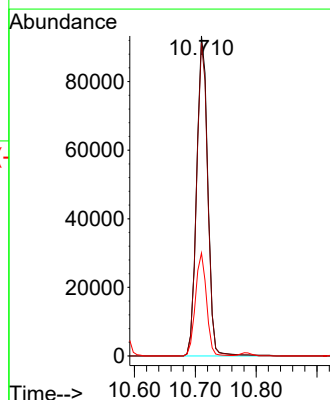
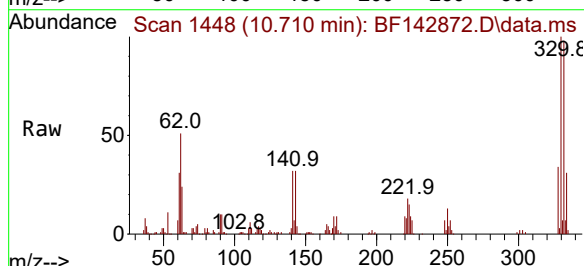
Tgt Ion:330 Resp: 118654

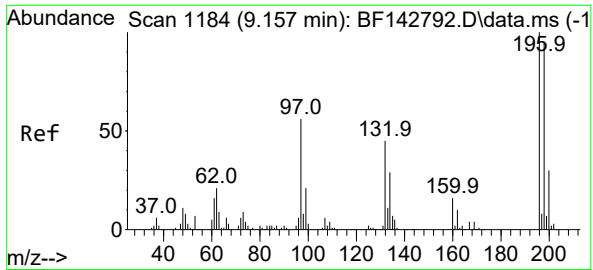
Ion Ratio Lower Upper

330 100

332 97.7 75.0 112.6

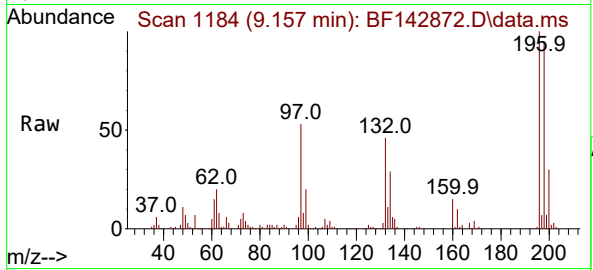
141 31.9 25.3 37.9





#43
2,4,6-Trichlorophenol
Concen: 41.203 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

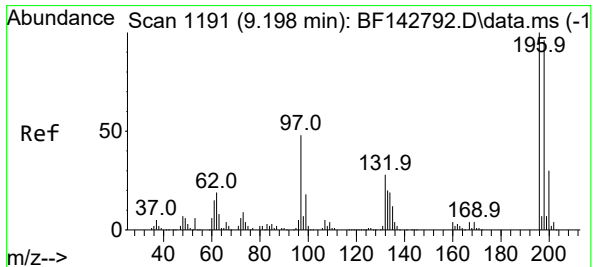
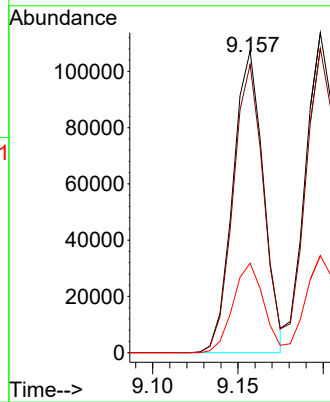
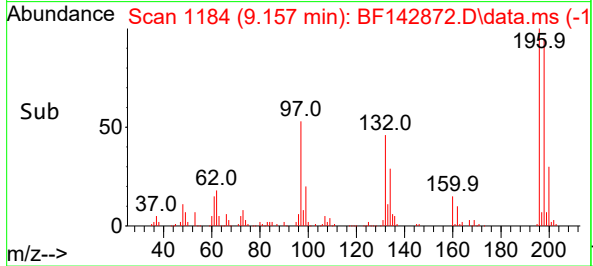
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



Tgt Ion:196 Resp: 13363
Ion Ratio Lower Upper
196 100
198 95.5 76.2 114.2
200 29.6 24.1 36.1

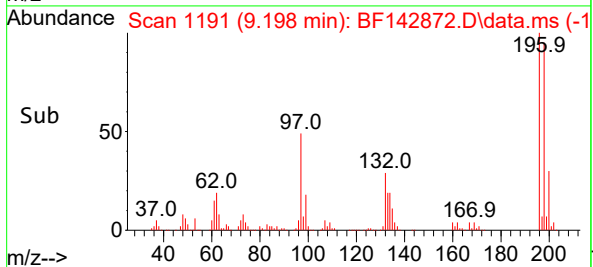
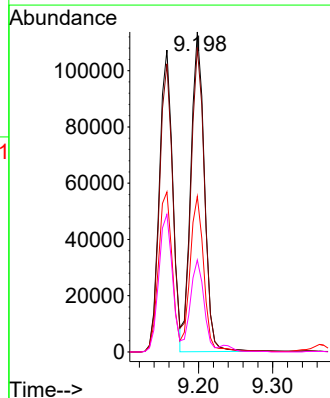
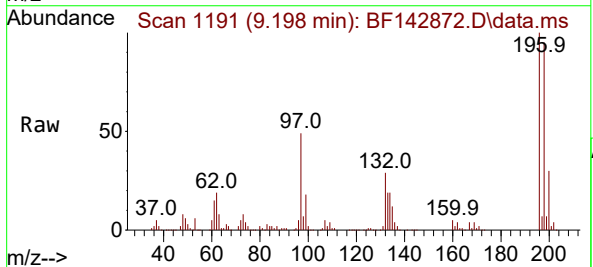
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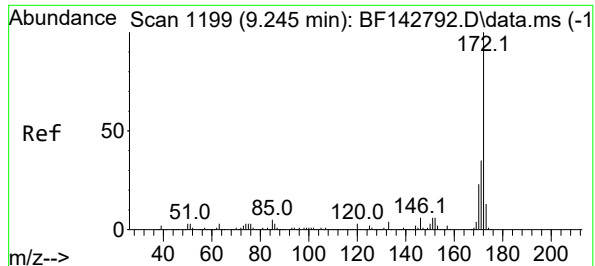
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#44
2,4,5-Trichlorophenol
Concen: 42.410 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:196 Resp: 144794
Ion Ratio Lower Upper
196 100
198 95.1 76.6 115.0
97 48.6 38.2 57.2
132 28.7 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 46.306 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:172 Resp: 594590

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

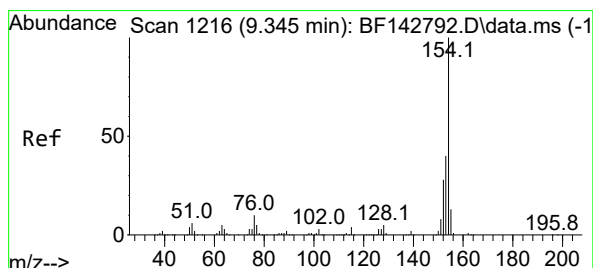
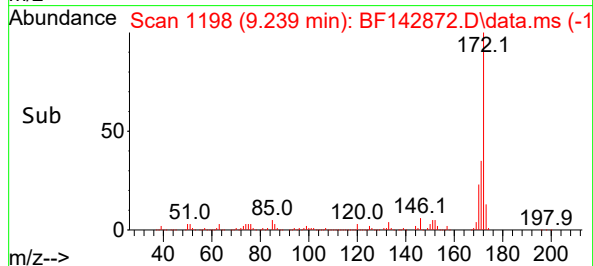
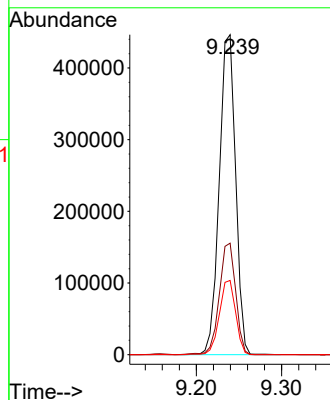
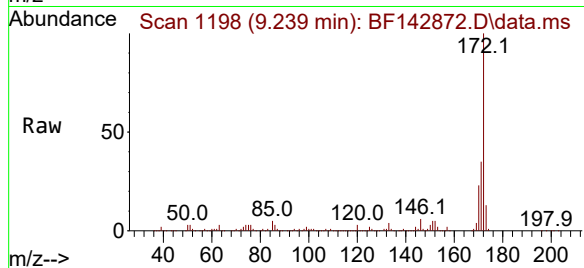
170 23.2 18.5 27.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#46

1,1'-Biphenyl

Concen: 42.716 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

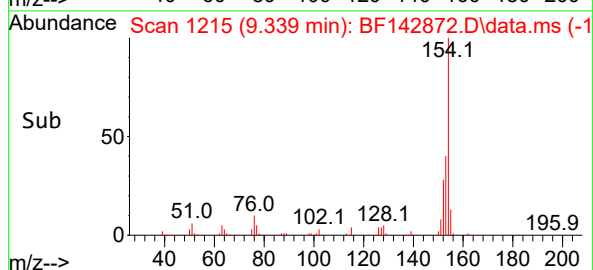
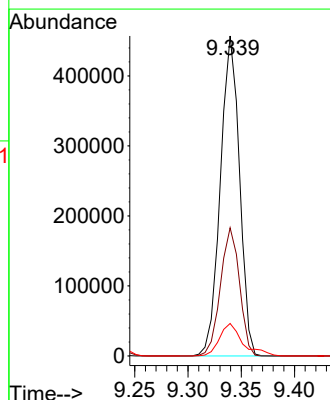
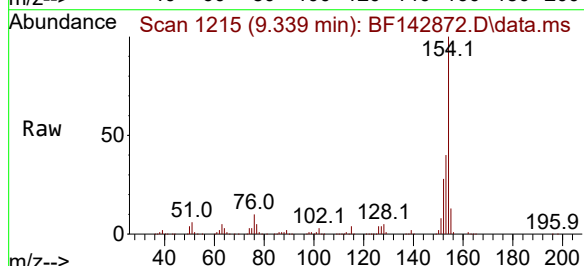
Tgt Ion:154 Resp: 569189

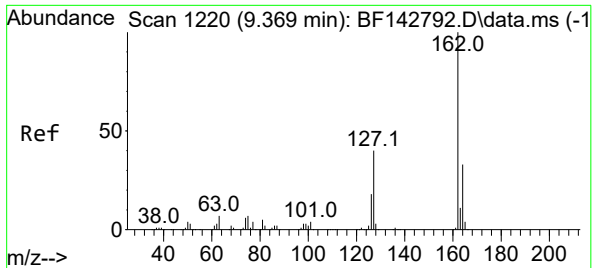
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 10.2 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.297 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:162 Resp: 422954

Ion Ratio Lower Upper

162 100

127 41.1 32.2 48.2

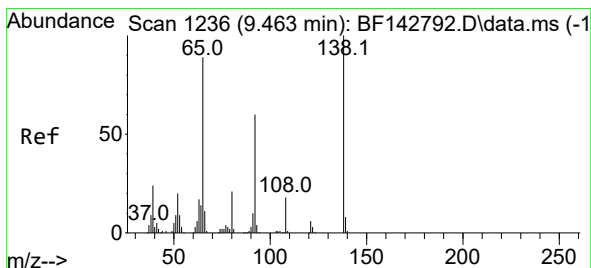
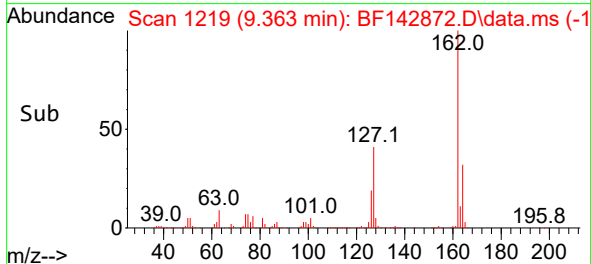
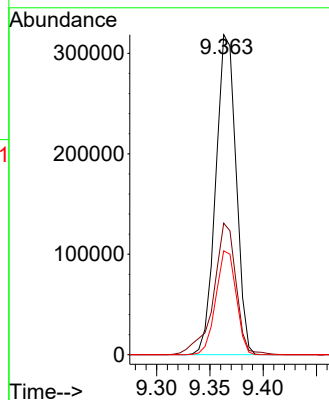
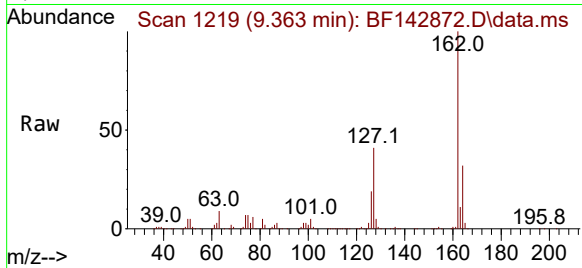
164 32.4 26.1 39.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#48

2-Nitroaniline

Concen: 44.798 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

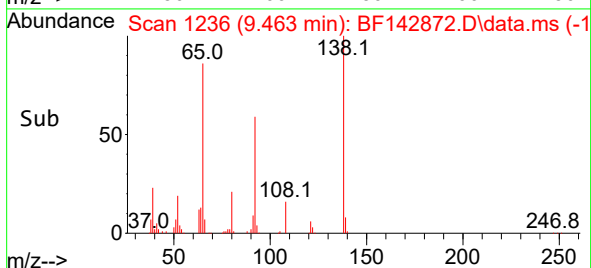
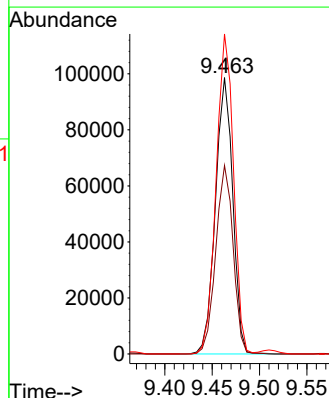
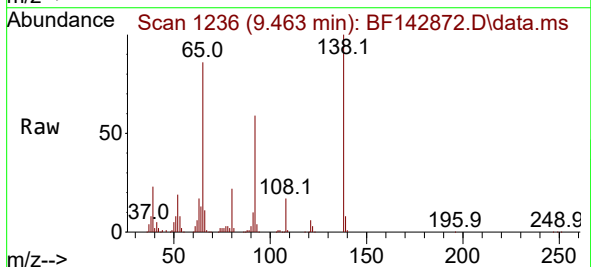
Tgt Ion: 65 Resp: 125588

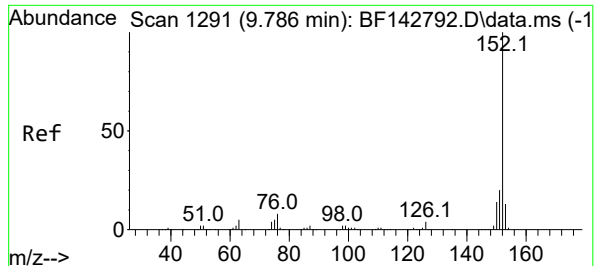
Ion Ratio Lower Upper

65 100

92 68.2 53.8 80.6

138 115.8 89.6 134.4





#49

Acenaphthylene

Concen: 42.324 ng

RT: 9.781 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF142872.D

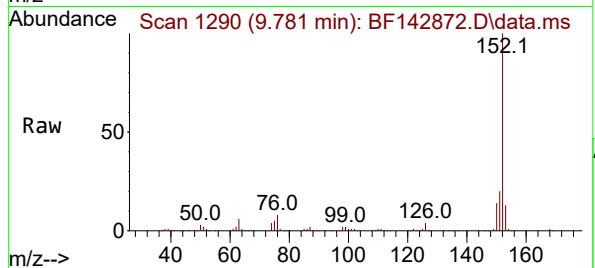
Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS



Tgt Ion:152 Resp: 696714

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

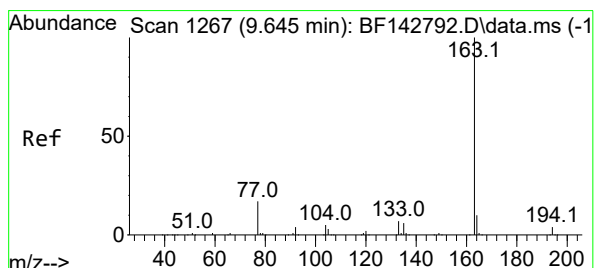
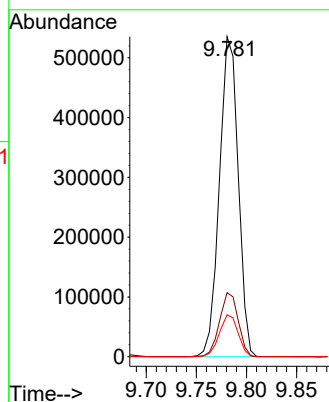
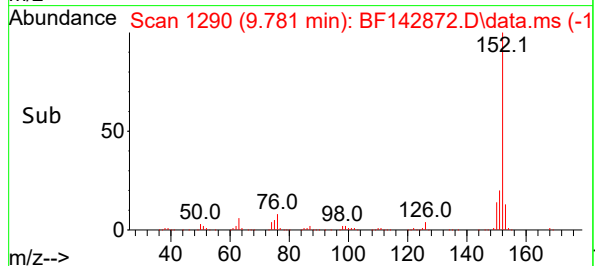
153 13.1 10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#50

Dimethylphthalate

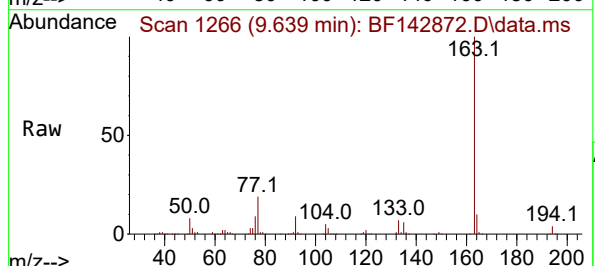
Concen: 44.648 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06



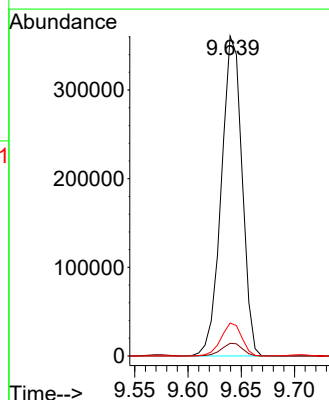
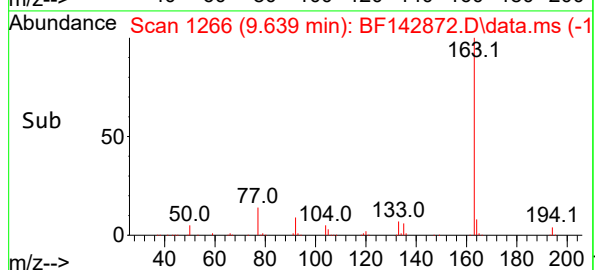
Tgt Ion:163 Resp: 487508

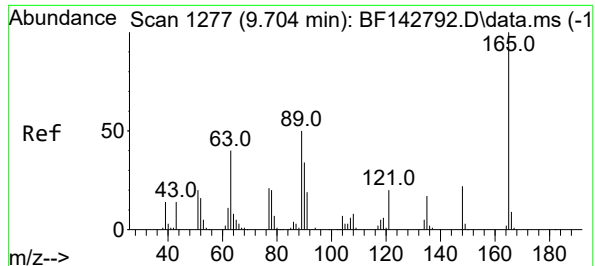
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

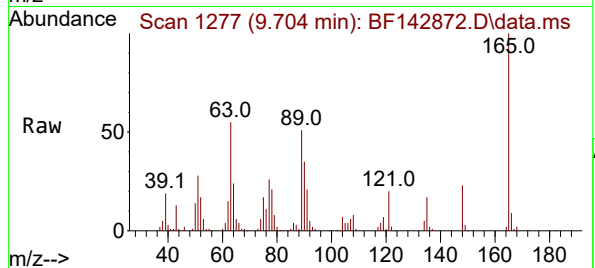
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.977 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

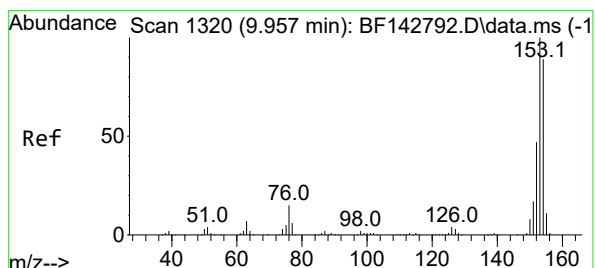
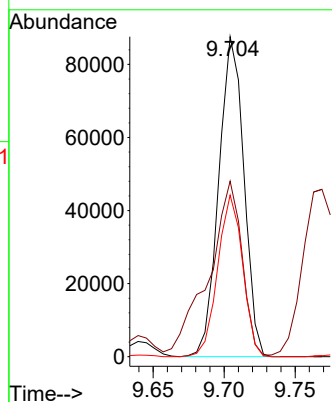
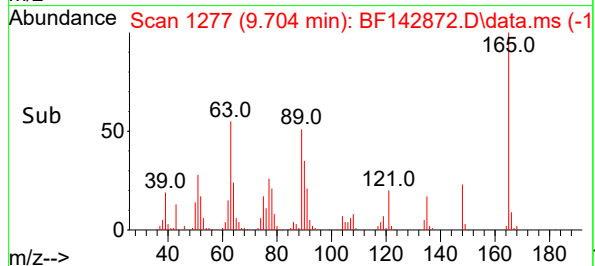
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



Tgt Ion:165 Resp: 10785
Ion Ratio Lower Upper
165 100
63 54.8 44.2 66.4
89 50.5 39.8 59.8

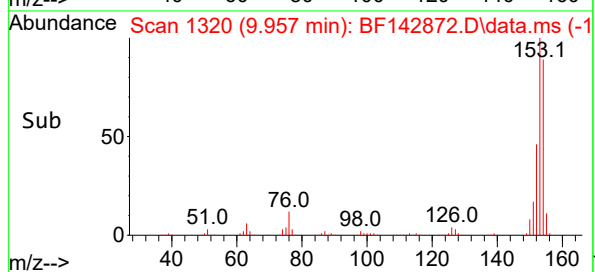
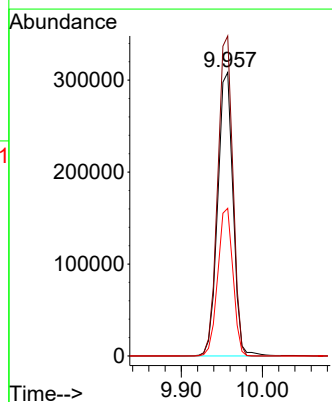
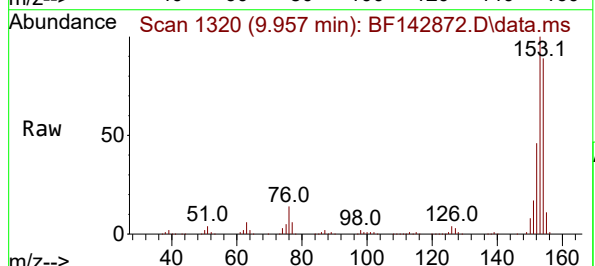
Manual Integrations
APPROVED

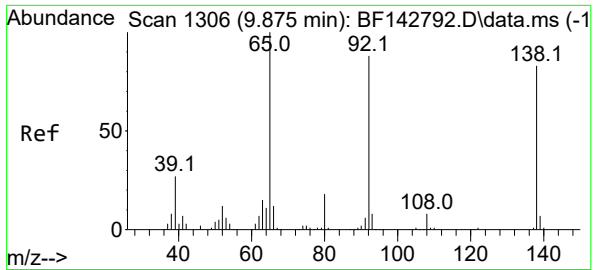
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#52
Acenaphthene
Concen: 40.540 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

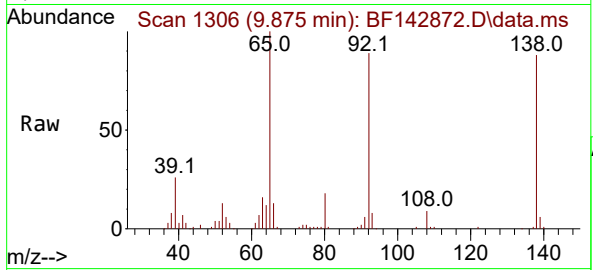
Tgt Ion:154 Resp: 407163
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 52.1 41.9 62.9





#53
3-Nitroaniline
Concen: 21.565 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

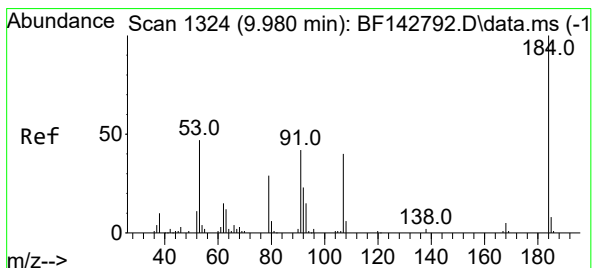
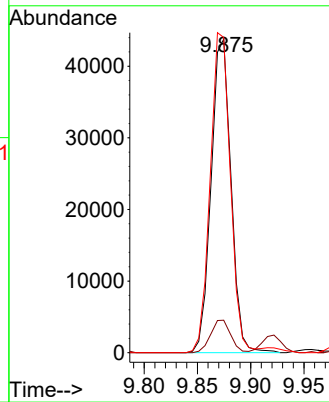
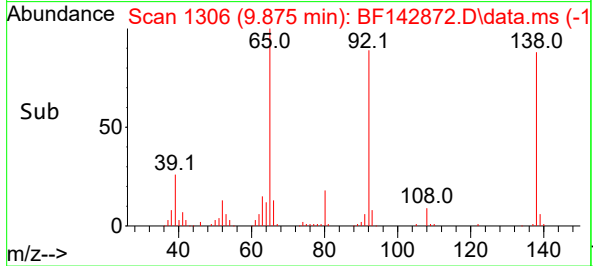
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



Tgt Ion:138 Resp: 5693
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 100.5 85.1 127.7

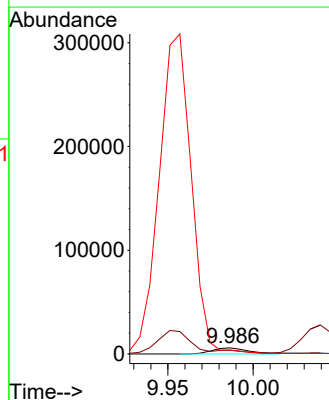
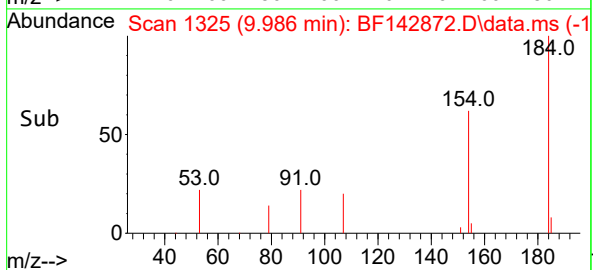
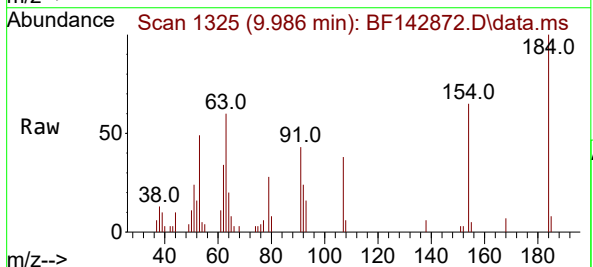
Manual Integrations
APPROVED

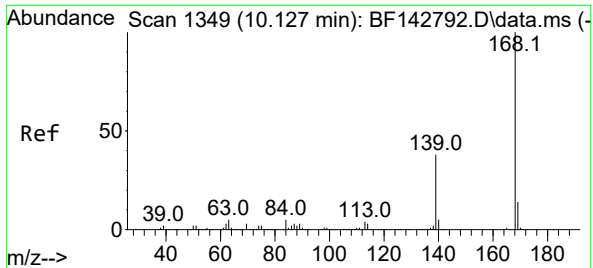
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#54
2,4-Dinitrophenol
Concen: 7.219 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

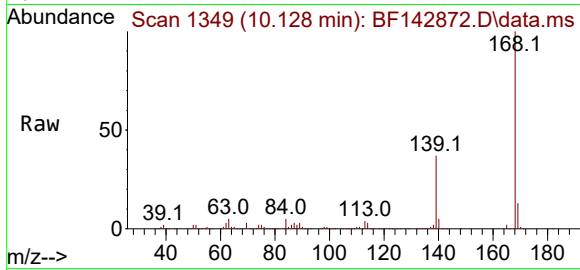
Tgt Ion:184 Resp: 8668
Ion Ratio Lower Upper
184 100
63 60.3 50.6 75.8
154 65.0 51.8 77.8





#55
Dibenzenofuran
Concen: 42.088 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

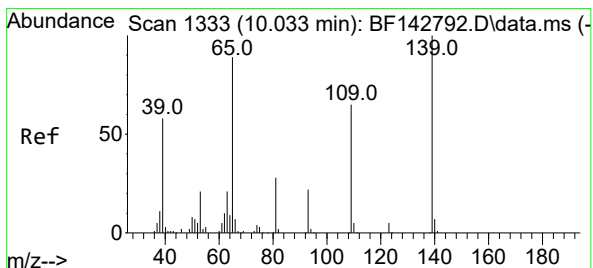
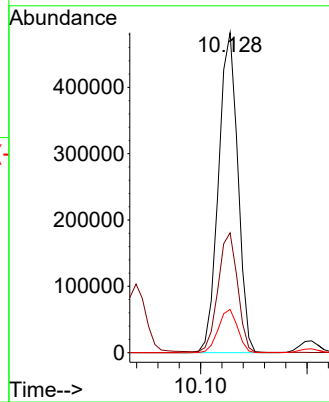
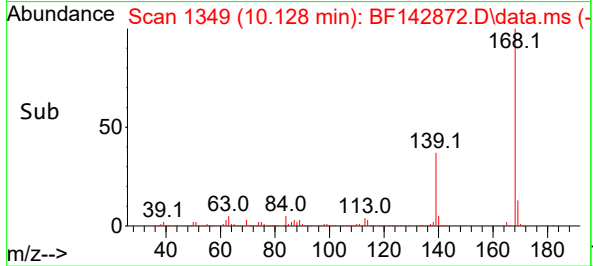
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



Tgt Ion:168 Resp: 60615
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 13.5 10.8 16.2

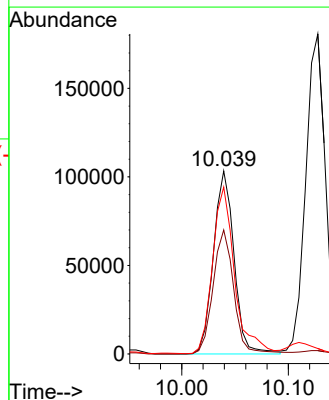
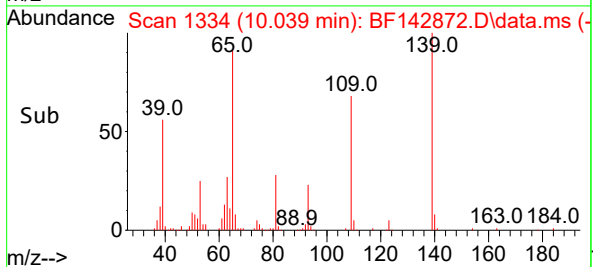
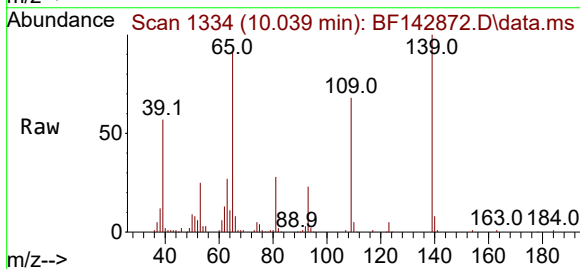
Manual Integrations
APPROVED

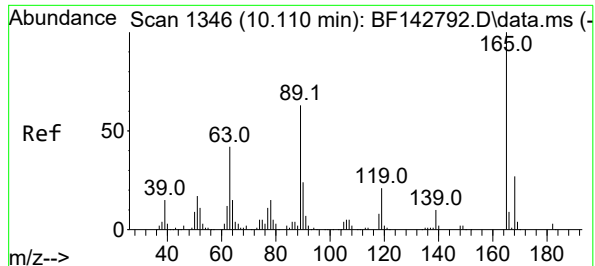
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#56
4-Nitrophenol
Concen: 76.968 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

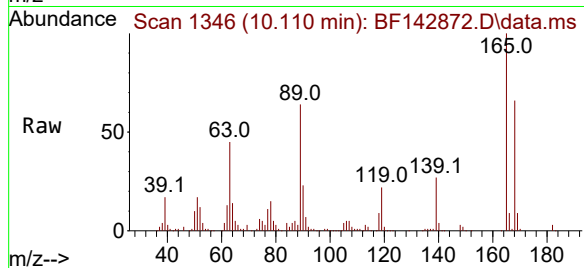
Tgt Ion:139 Resp: 139115
Ion Ratio Lower Upper
139 100
109 67.7 44.7 84.7
65 91.2 69.8 109.8





#57
2,4-Dinitrotoluene
Concen: 45.632 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

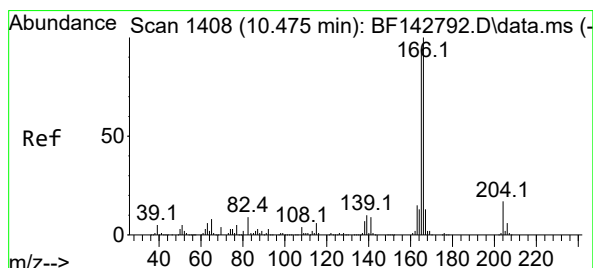
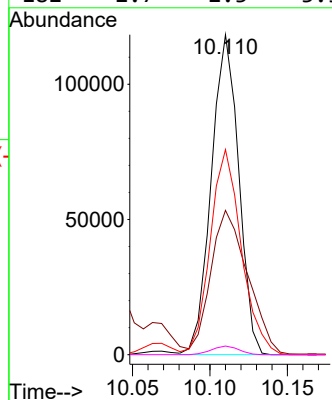
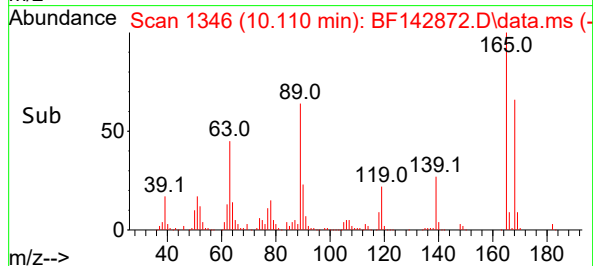
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



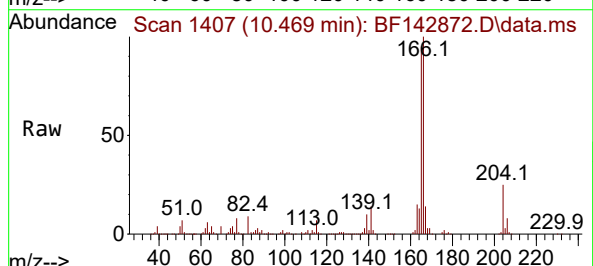
Tgt Ion:165 Resp: 145344
Ion Ratio Lower Upper
165 100
63 45.1 33.9 50.9
89 64.1 50.6 75.8
182 2.7 2.3 3.5

Manual Integrations
APPROVED

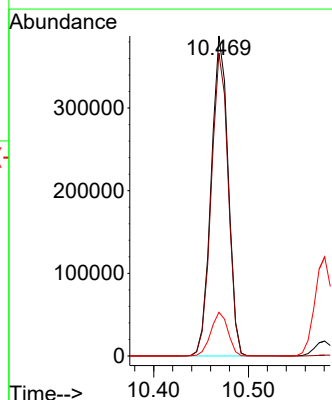
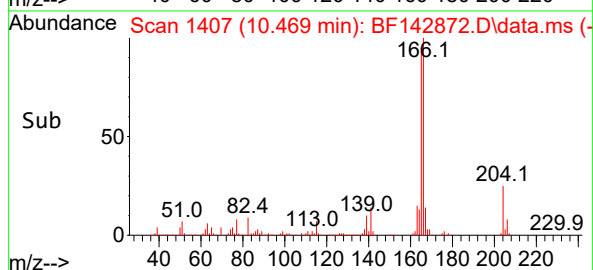
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

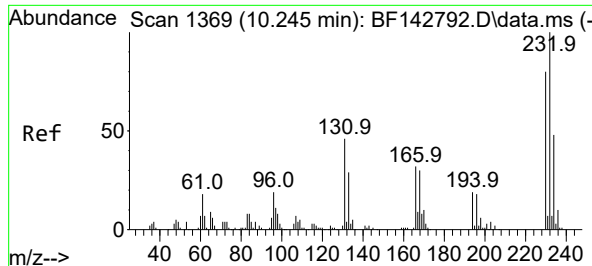


#58
Fluorene
Concen: 42.786 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06



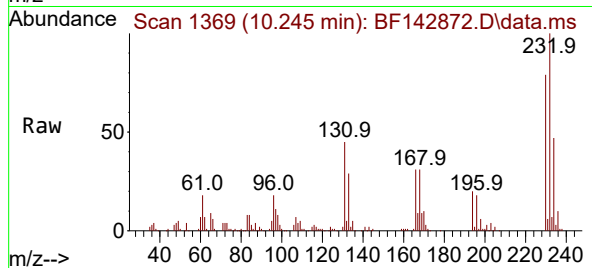
Tgt Ion:166 Resp: 481247
Ion Ratio Lower Upper
166 100
165 94.7 75.2 112.8
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.423 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

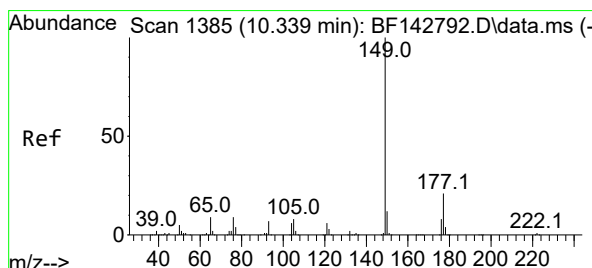
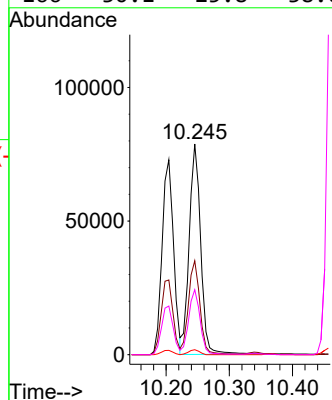
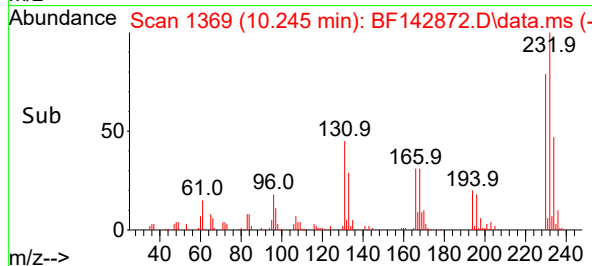
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



Tgt Ion:232 Resp: 100230
Ion Ratio Lower Upper
232 100
131 44.7 37.6 56.4
130 2.2 1.7 2.5
166 30.1 25.8 38.6

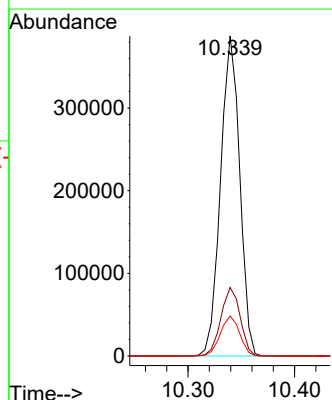
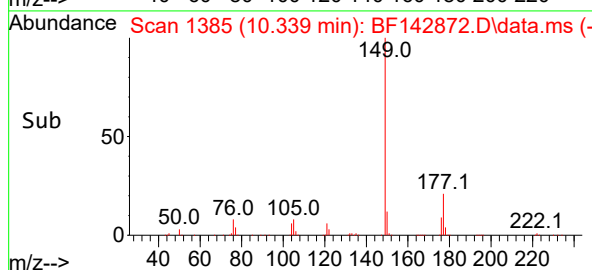
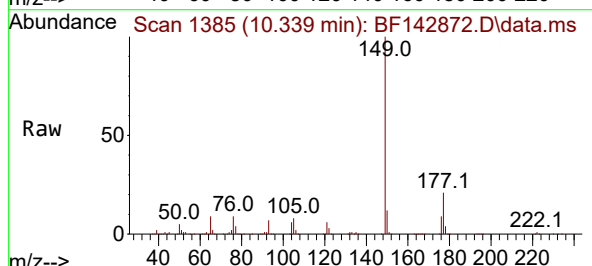
Manual Integrations
APPROVED

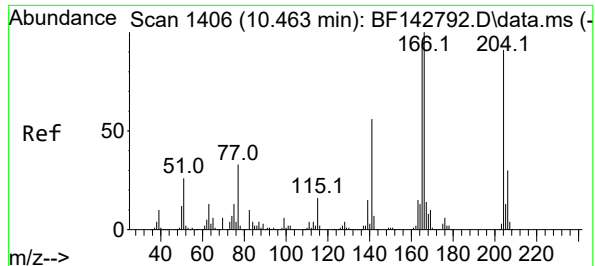
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#60
Diethylphthalate
Concen: 45.097 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

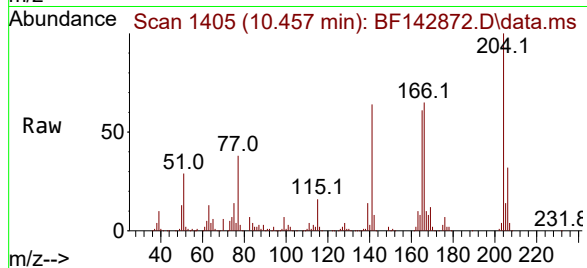
Tgt Ion:149 Resp: 482804
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 42.657 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

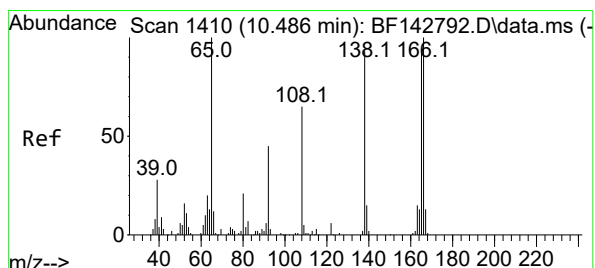
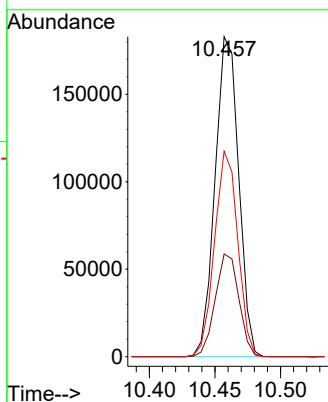
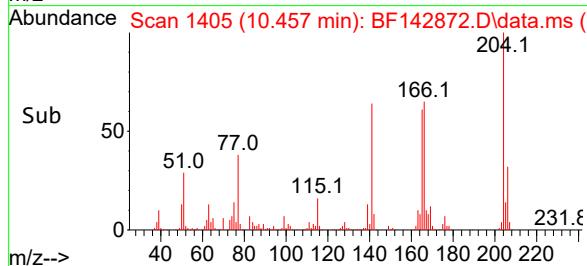
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



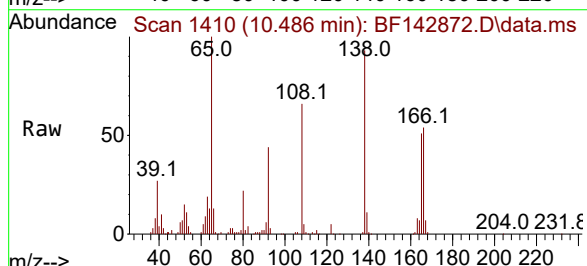
Tgt Ion:204 Resp: 22895
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 64.2 49.1 73.7

Manual Integrations
APPROVED

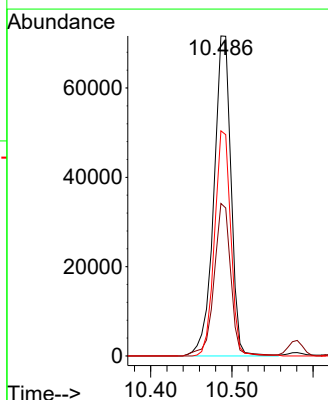
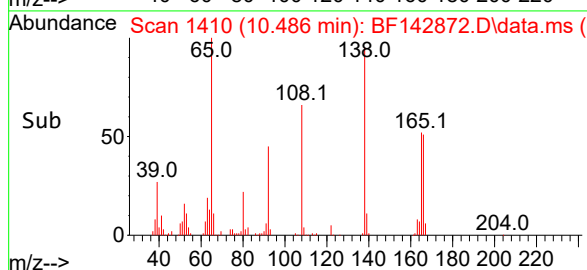
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

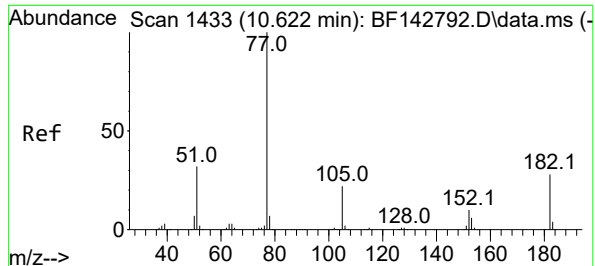


#62
4-Nitroaniline
Concen: 43.770 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06



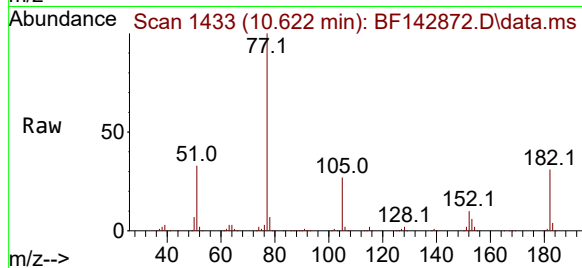
Tgt Ion:138 Resp: 105685
Ion Ratio Lower Upper
138 100
92 47.6 28.4 68.4
108 70.4 50.2 90.2





#63
Azobenzene
Concen: 46.830 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

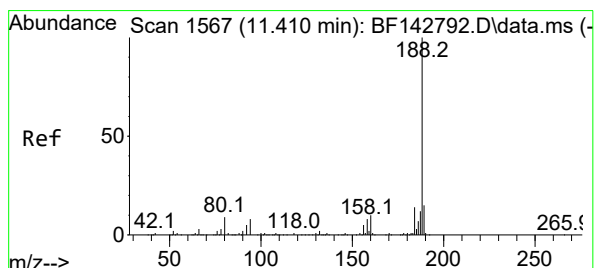
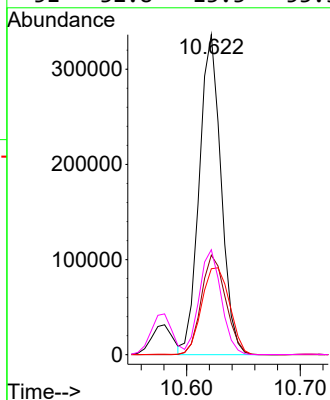
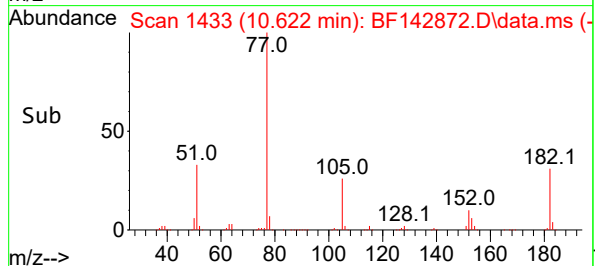
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



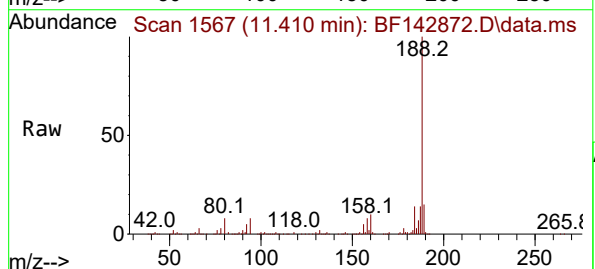
Tgt Ion: 77 Resp: 44809
Ion Ratio Lower Upper
77 100
182 31.1 7.7 47.7
105 26.9 1.9 41.9
51 32.8 13.3 53.3

Manual Integrations
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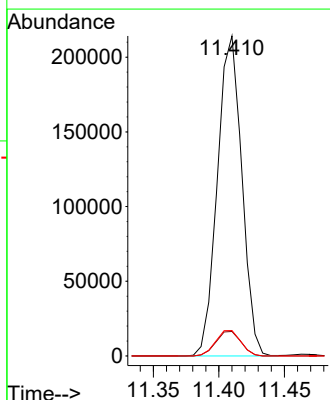
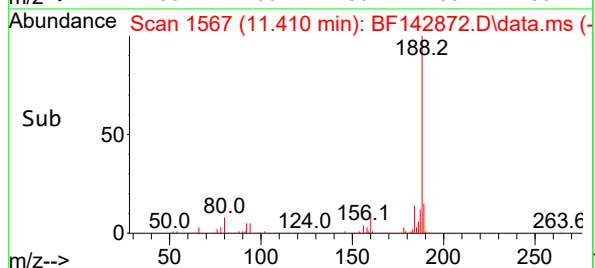
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

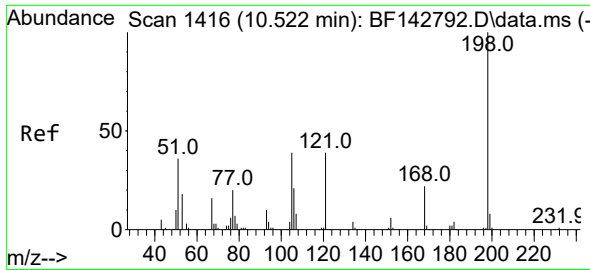


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06



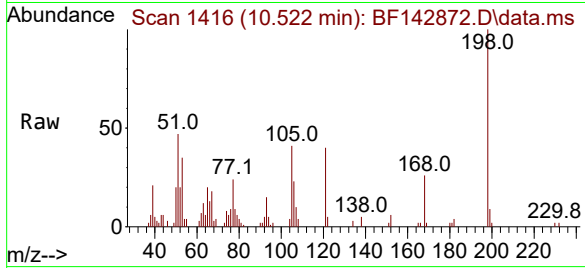
Tgt Ion:188 Resp: 277774
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.0 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 9.086 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

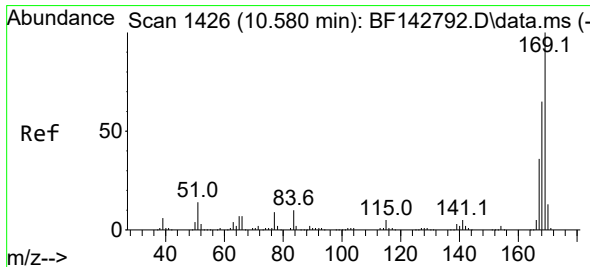
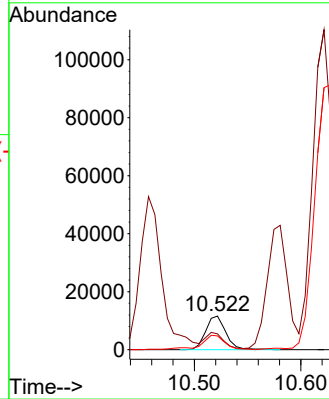
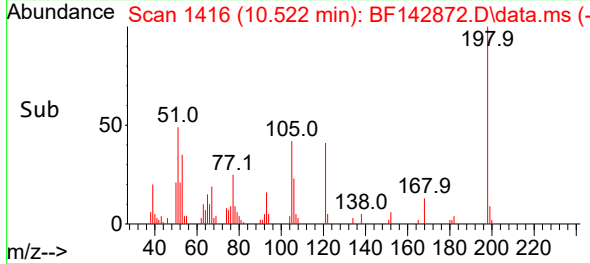
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



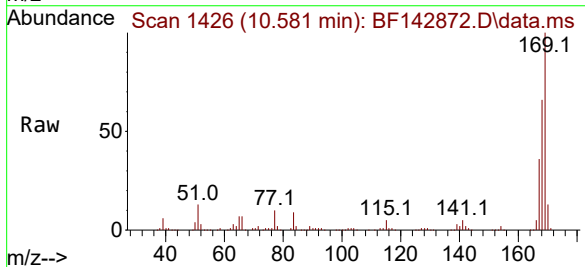
Tgt Ion:198 Resp: 15260
Ion Ratio Lower Upper
198 100
51 47.0 25.4 65.4
105 41.1 20.4 60.4

Manual Integrations
APPROVED

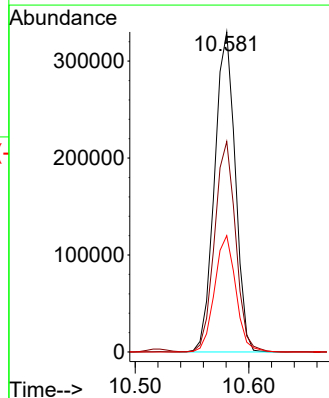
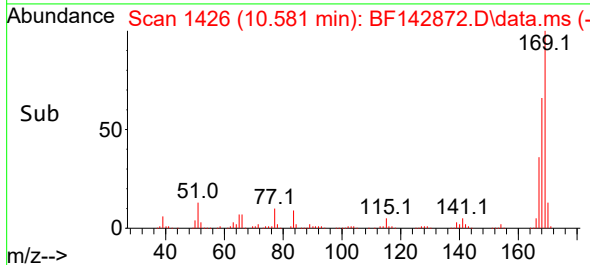
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

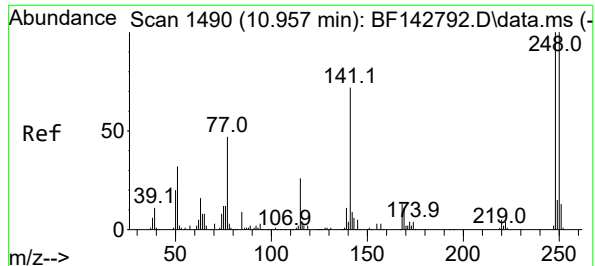


#66
n-Nitrosodiphenylamine
Concen: 43.392 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06



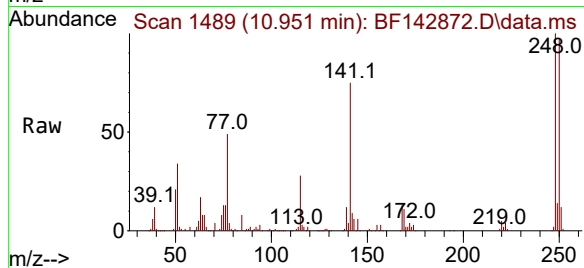
Tgt Ion:169 Resp: 417738
Ion Ratio Lower Upper
169 100
168 65.8 51.9 77.9
167 36.3 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 43.968 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

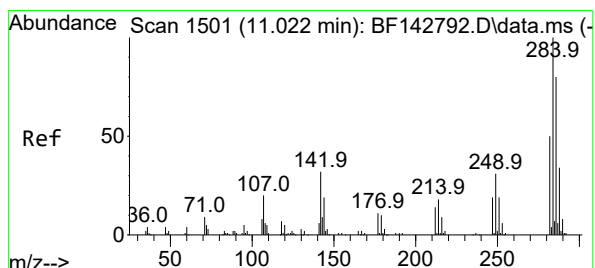
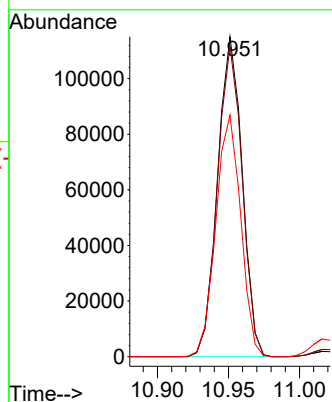
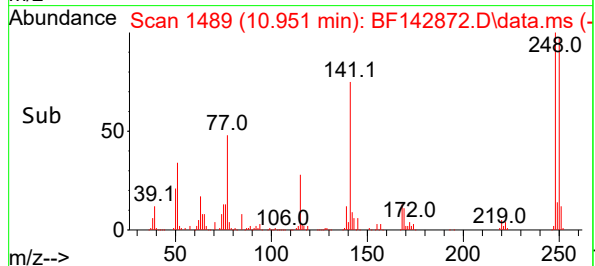
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



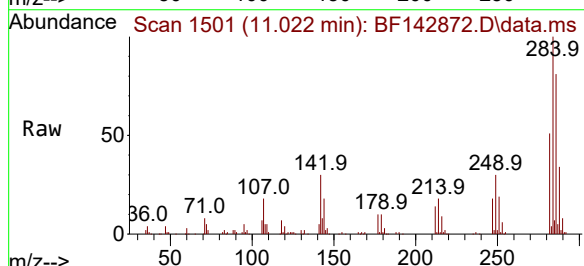
Tgt Ion:248 Resp: 138997
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 75.5 57.8 86.6

Manual Integrations
APPROVED

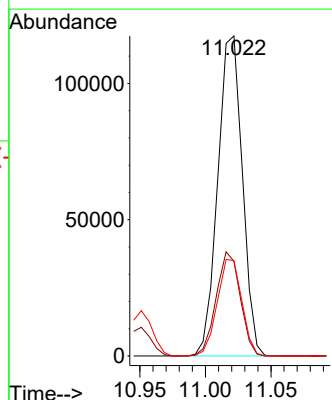
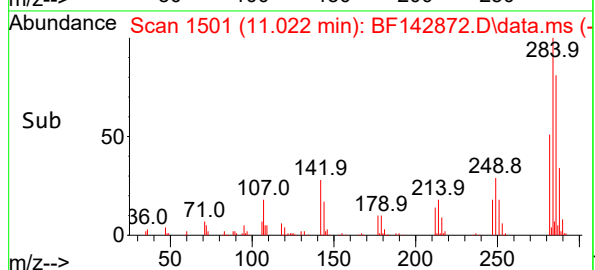
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

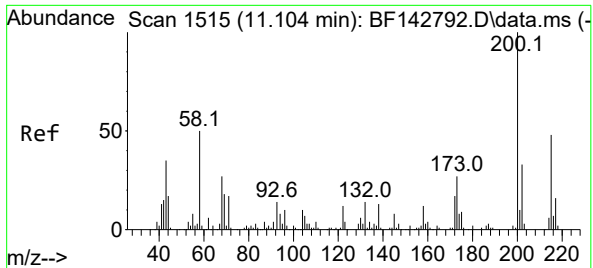


#68
Hexachlorobenzene
Concen: 43.527 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06



Tgt Ion:284 Resp: 152901
Ion Ratio Lower Upper
284 100
142 29.5 25.5 38.3
249 29.8 24.9 37.3





#69

Atrazine

Concen: 52.287 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:200 Resp: 12998

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

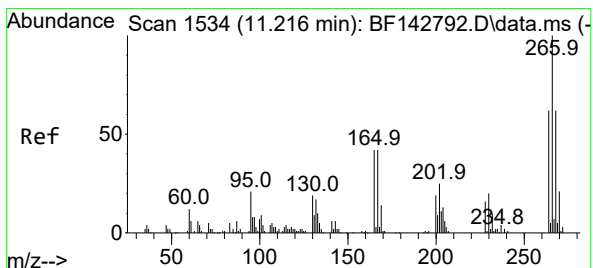
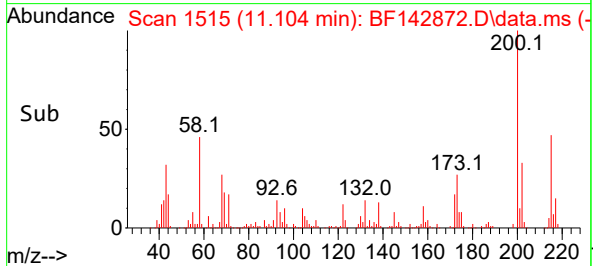
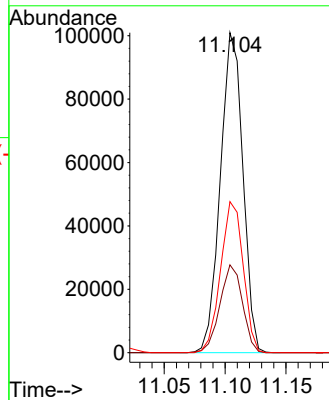
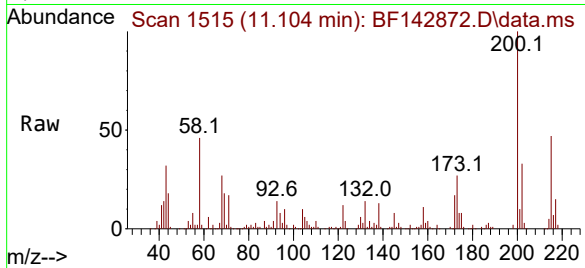
215 47.2 28.4 68.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#70

Pentachlorophenol

Concen: 35.831 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

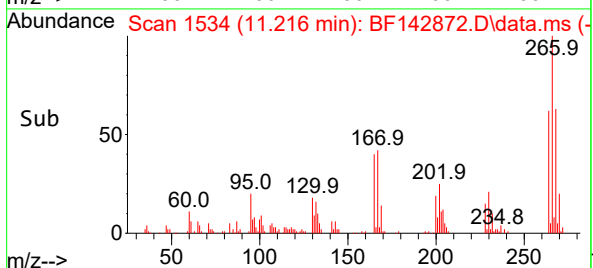
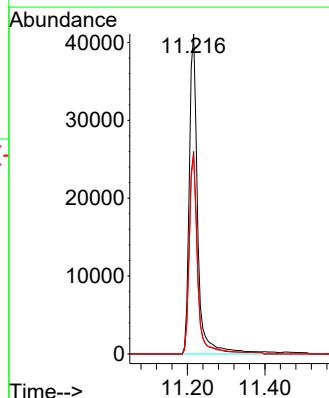
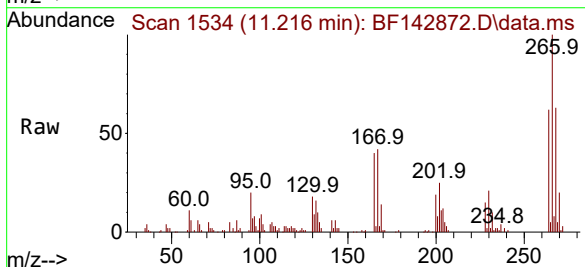
Tgt Ion:266 Resp: 62719

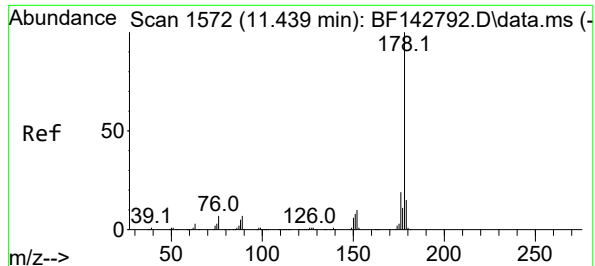
Ion Ratio Lower Upper

266 100

268 63.2 49.8 74.8

264 61.7 49.9 74.9





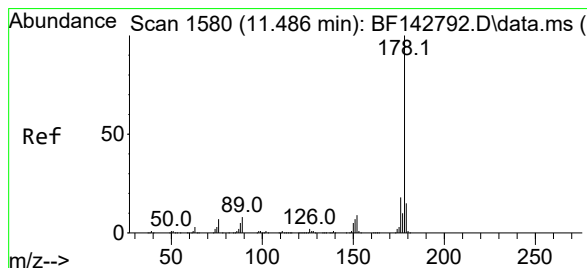
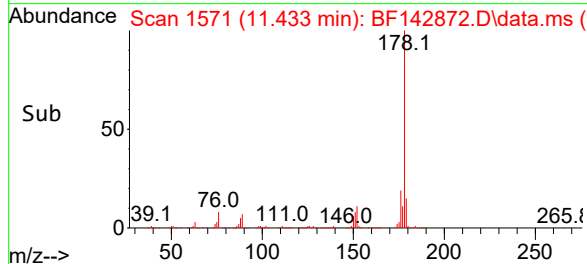
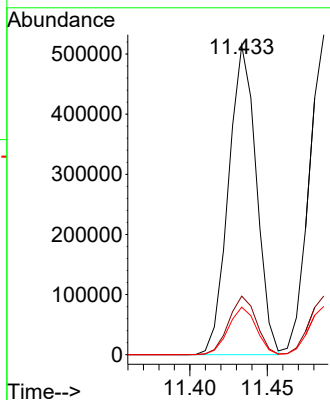
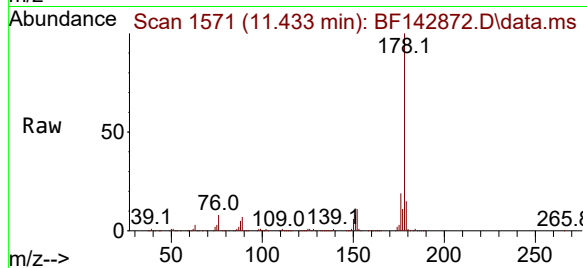
#71
Phenanthrene
Concen: 42.655 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Instrument :
BNA_F
ClientSampleId :
MH-G/HMS

Tgt Ion:178 Resp: 64183
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.4 12.0 18.0

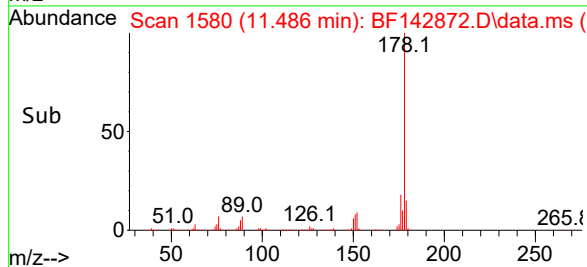
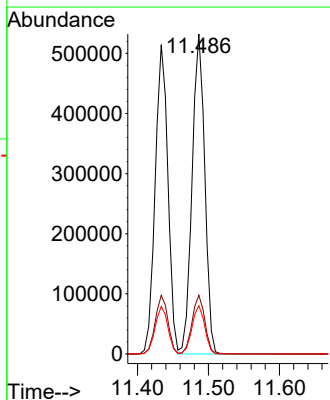
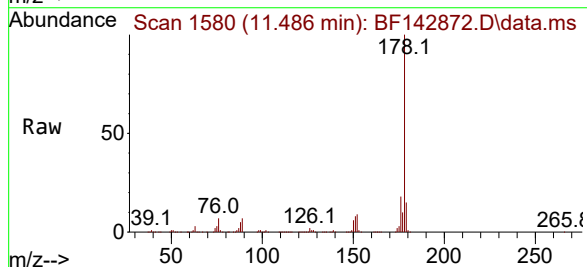
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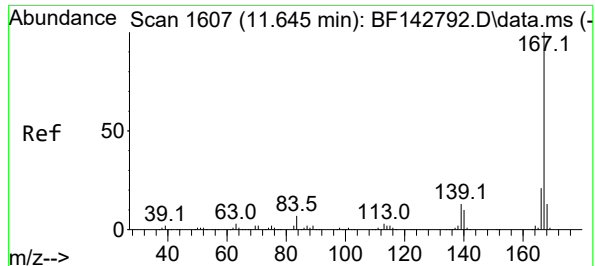
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#72
Anthracene
Concen: 42.840 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:178 Resp: 661106
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.1 12.4 18.6





#73

Carbazole

Concen: 43.003 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:167 Resp: 57268

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

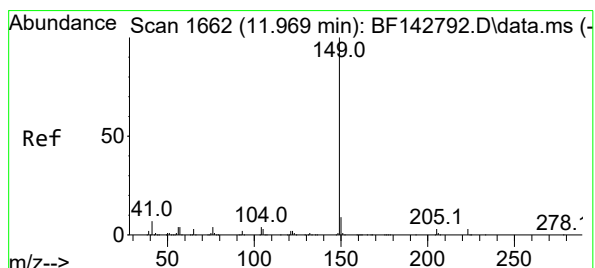
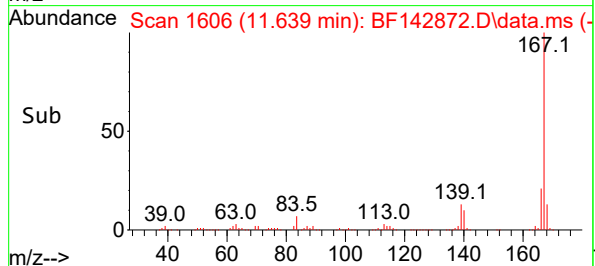
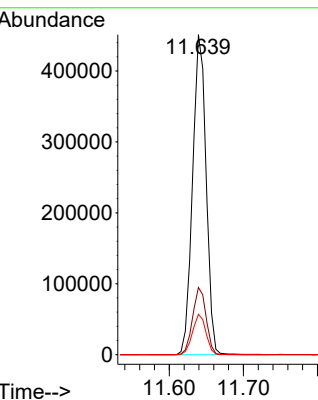
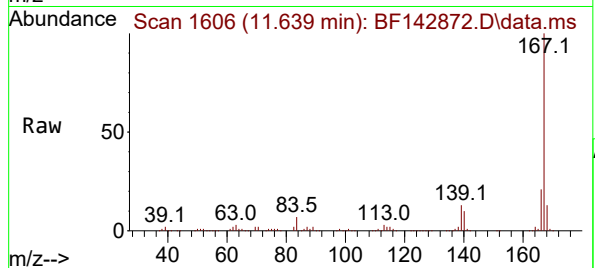
139 12.6 10.2 15.2

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APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#74

Di-n-butylphthalate

Concen: 50.051 ng

RT: 11.969 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

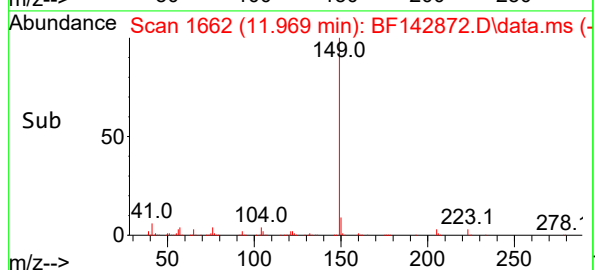
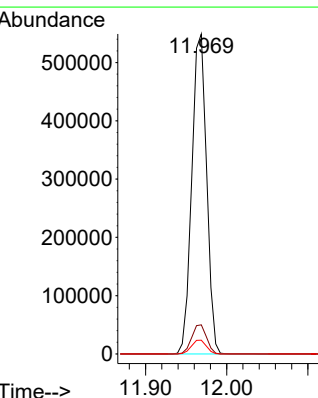
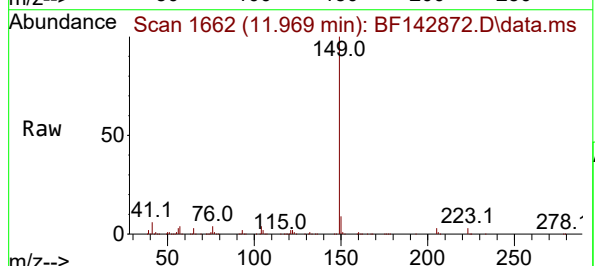
Tgt Ion:149 Resp: 694376

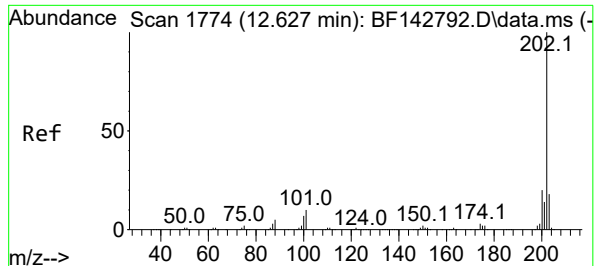
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

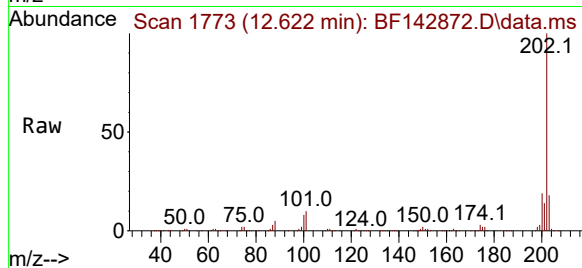
104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 40.172 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

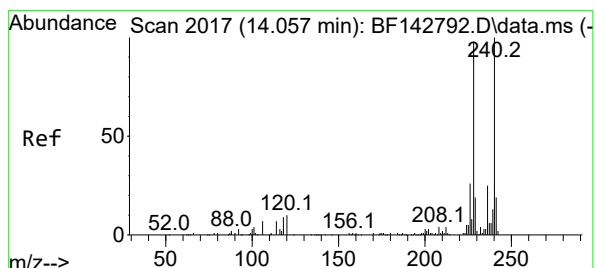
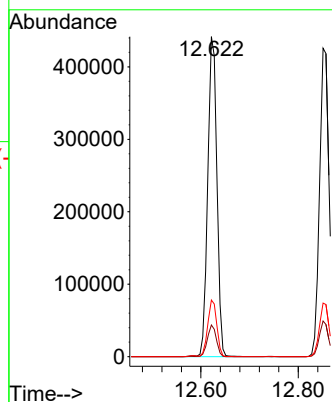
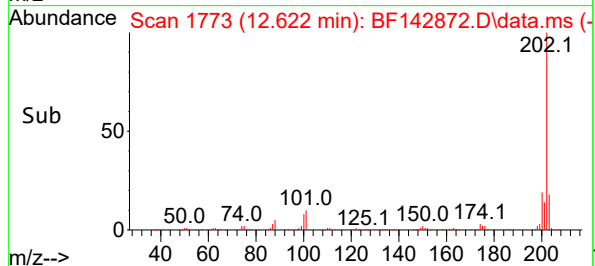
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



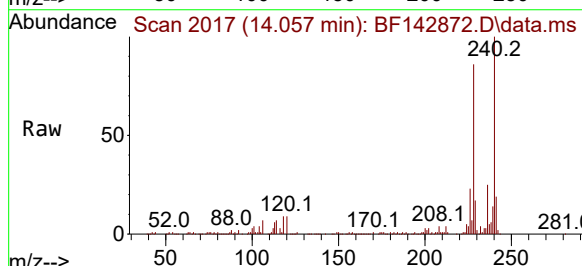
Tgt Ion:202 Resp: 57367
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.7
203 17.7 0.0 37.5

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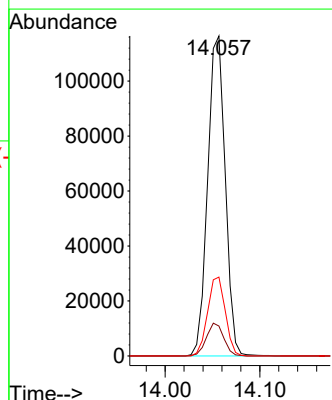
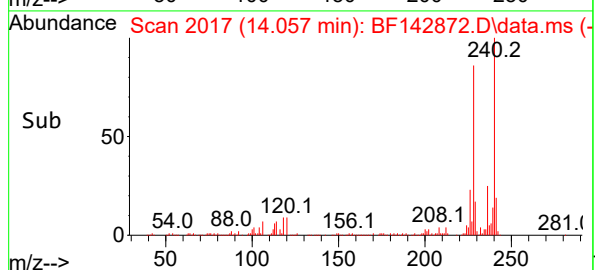
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

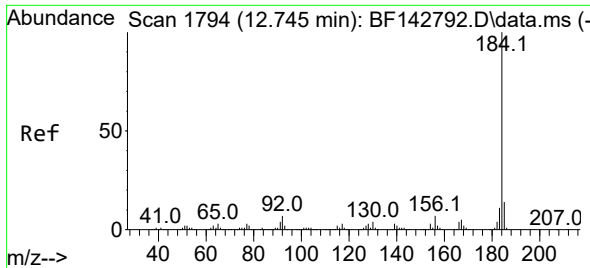


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06



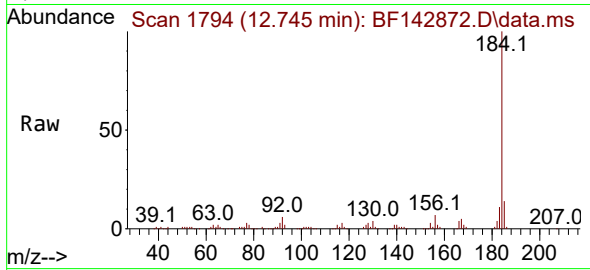
Tgt Ion:240 Resp: 149832
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 24.7 19.8 29.8





#77
Benzidine
Concen: 18.594 ng
RT: 12.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

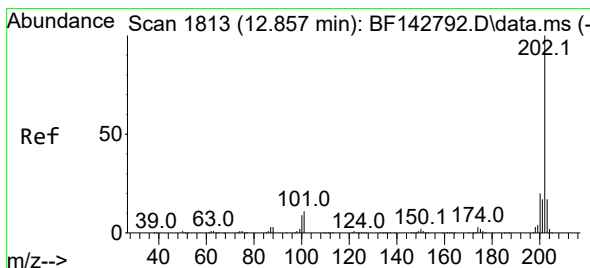
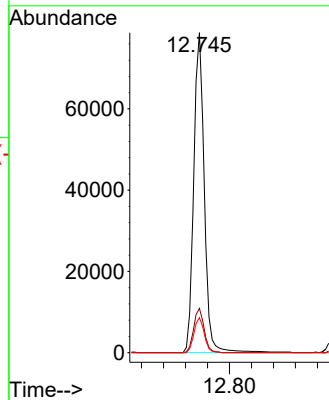
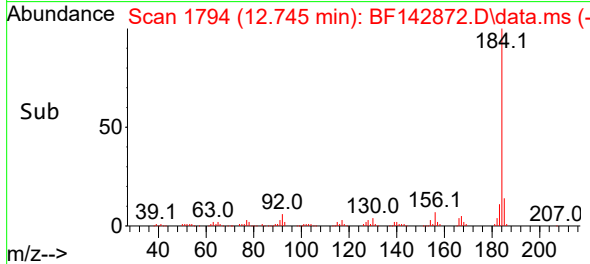
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



Tgt Ion:184 Resp: 10467
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.0 9.0 13.4

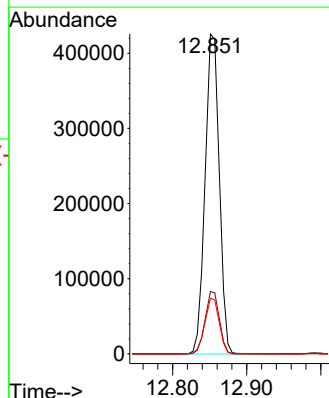
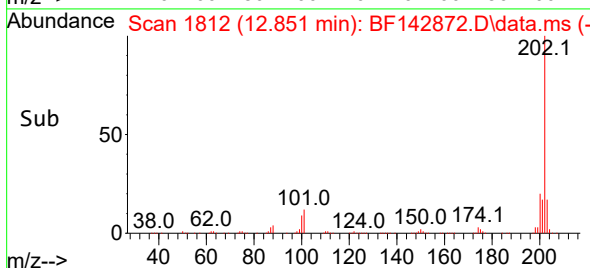
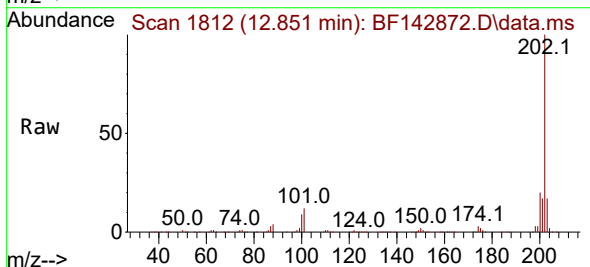
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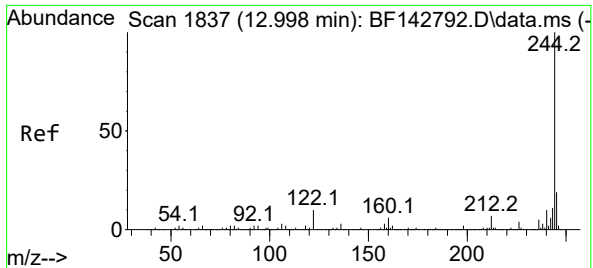
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#78
Pyrene
Concen: 40.475 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Tgt Ion:202 Resp: 568445
Ion Ratio Lower Upper
202 100
200 19.5 15.7 23.5
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 45.386 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:244 Resp: 492160

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

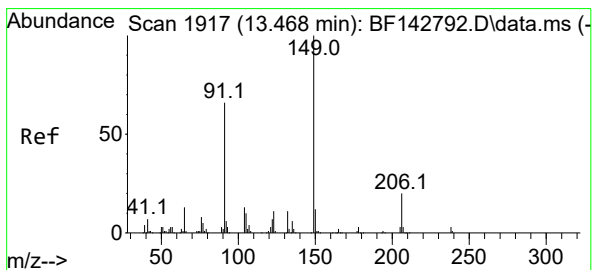
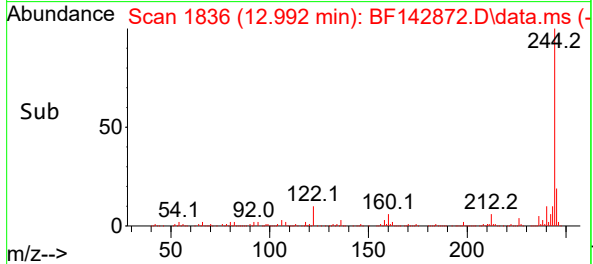
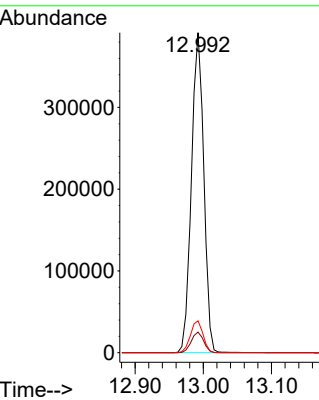
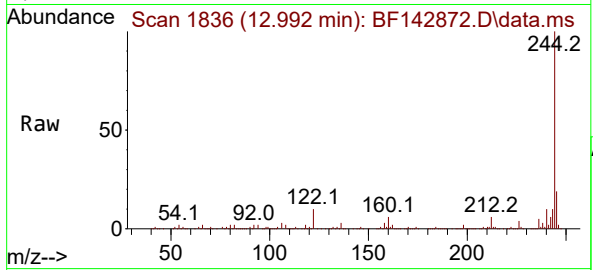
122 9.9 8.2 12.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#80

Butylbenzylphthalate

Concen: 52.557 ng

RT: 13.469 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

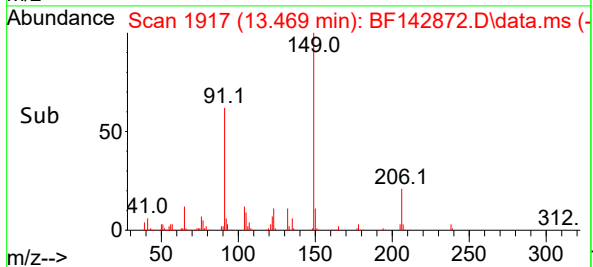
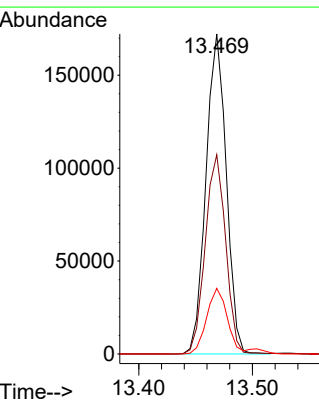
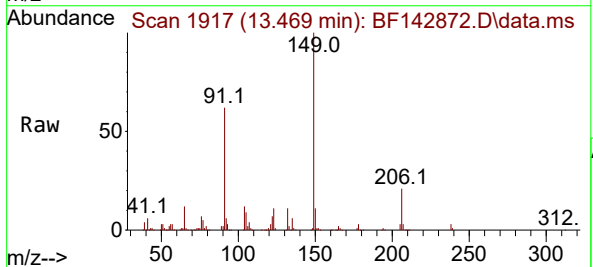
Tgt Ion:149 Resp: 214111

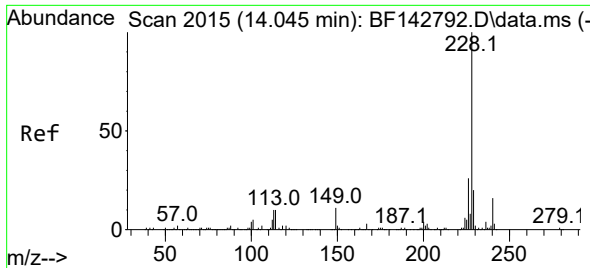
Ion Ratio Lower Upper

149 100

91 62.3 52.9 79.3

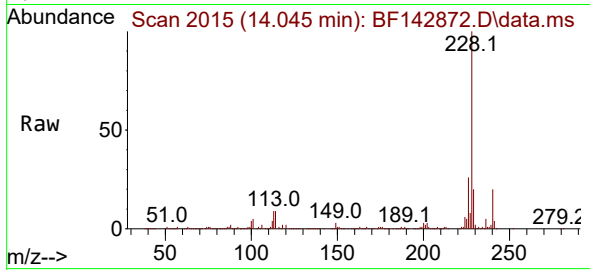
206 20.5 16.3 24.5





#81
Benzo(a)anthracene
Concen: 43.082 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

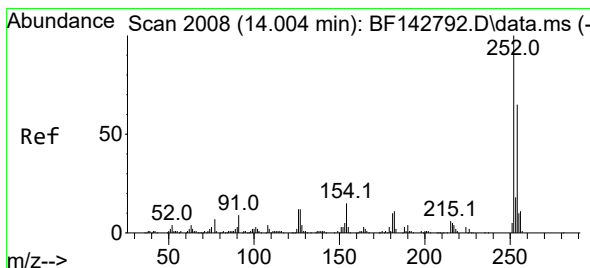
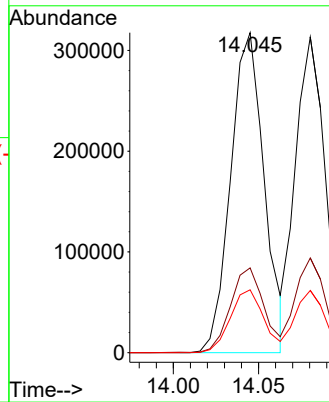
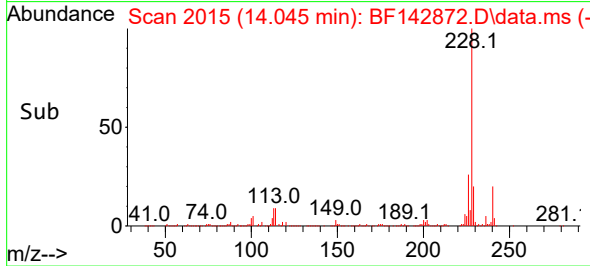
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



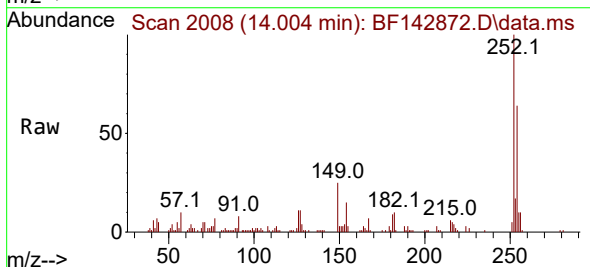
Tgt Ion:228 Resp: 435462
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.7 15.6 23.4

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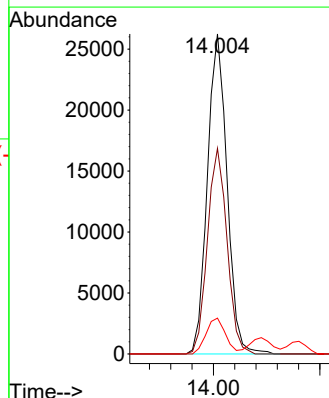
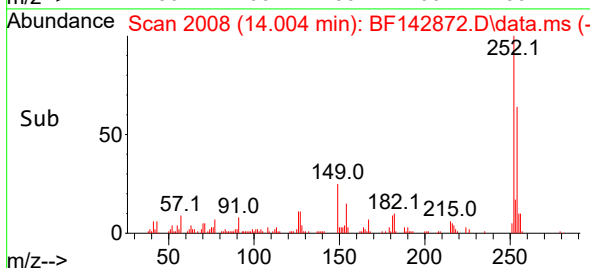
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

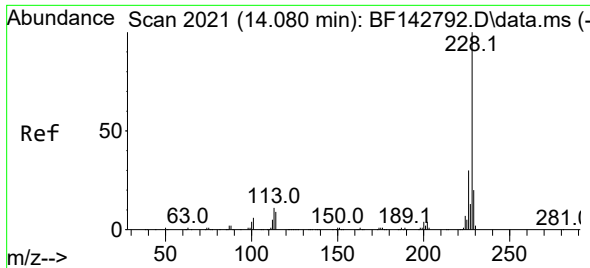


#82
3,3'-Dichlorobenzidine
Concen: 10.232 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06



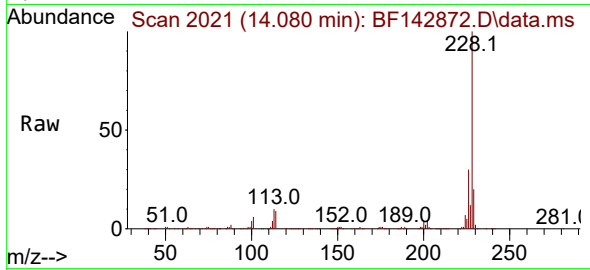
Tgt Ion:252 Resp: 33545
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 11.2 9.4 14.2





#83
Chrysene
Concen: 42.219 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

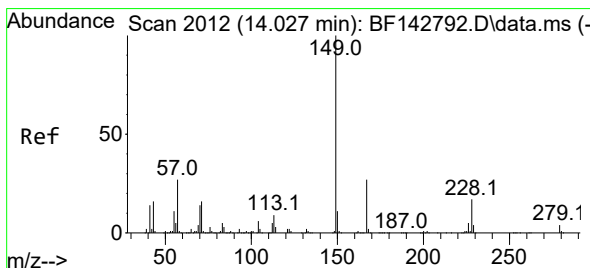
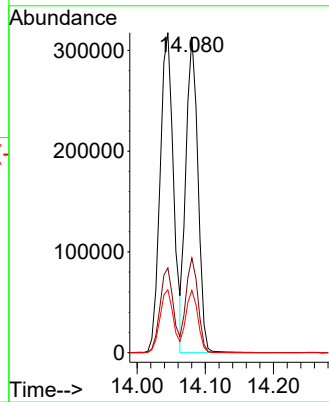
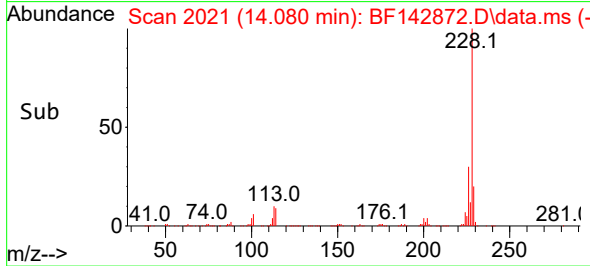
Instrument :
BNA_F
ClientSampleId :
MH-G/HMS



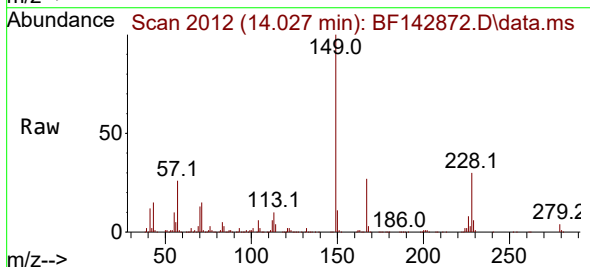
Tgt Ion:228 Resp: 380789
Ion Ratio Lower Upper
228 100
226 30.0 23.7 35.5
229 19.7 15.7 23.5

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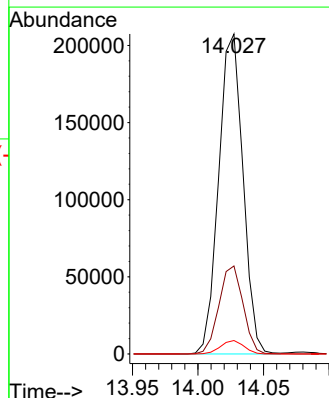
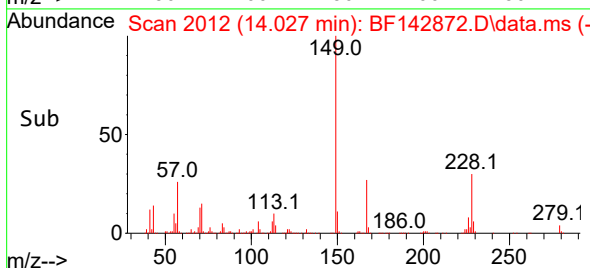
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

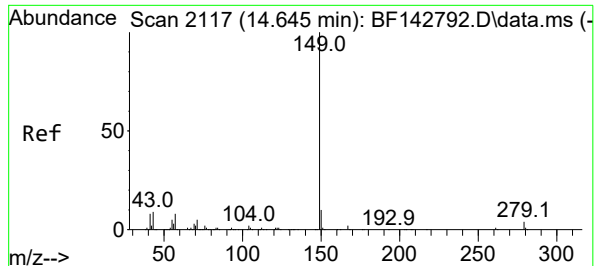


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.588 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06



Tgt Ion:149 Resp: 267213
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.2 3.0 4.6





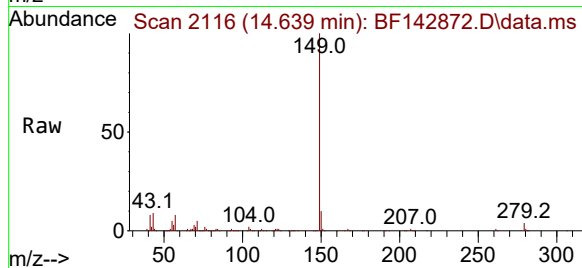
#85
Di-n-octyl phthalate
Concen: 39.267 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS



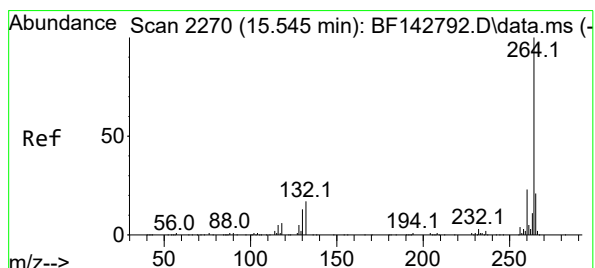
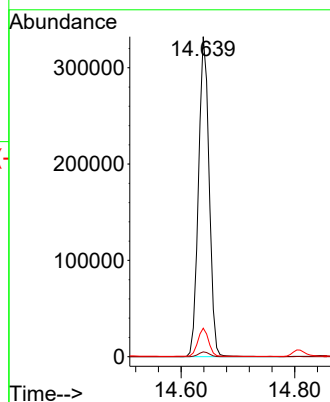
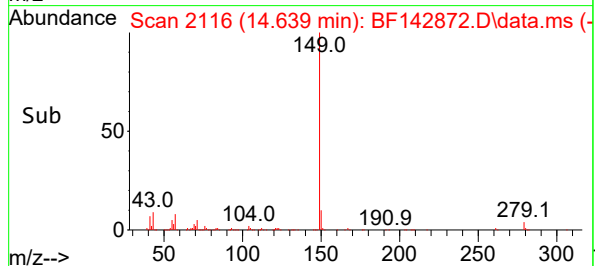
Tgt Ion:149 Resp: 433990
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.9 7.6 11.4

Manual Integrations

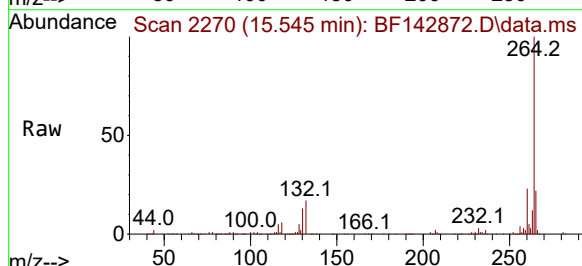
APPROVED

Reviewed By :Rahul Chavli 06/27/2025

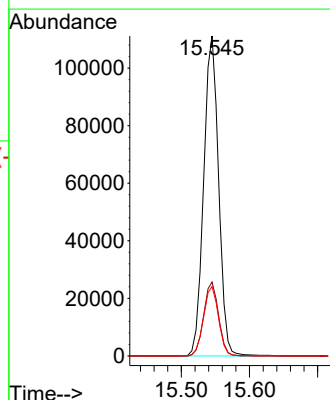
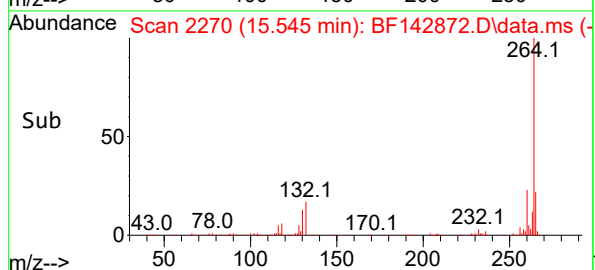
Supervised By :Jagrut Upadhyay 06/27/2025

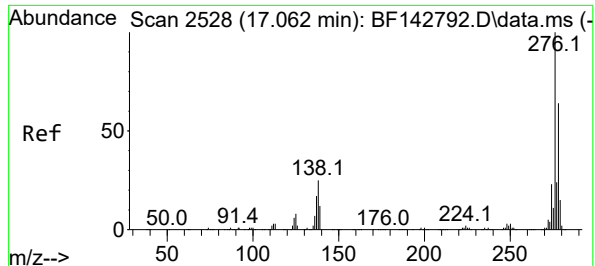


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142872.D
Acq: 26 Jun 2025 17:06



Tgt Ion:264 Resp: 169288
Ion Ratio Lower Upper
264 100
260 23.1 18.1 27.1
265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 29.595 ng

RT: 17.057 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:276 Resp: 381609

Ion Ratio Lower Upper

276 100

138 24.6 20.2 30.4

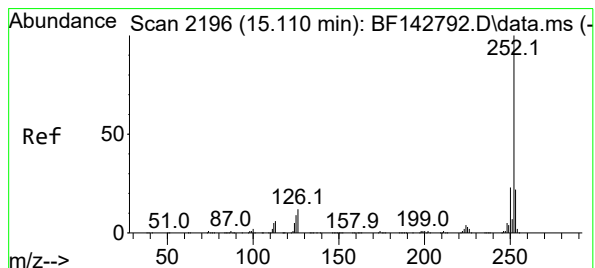
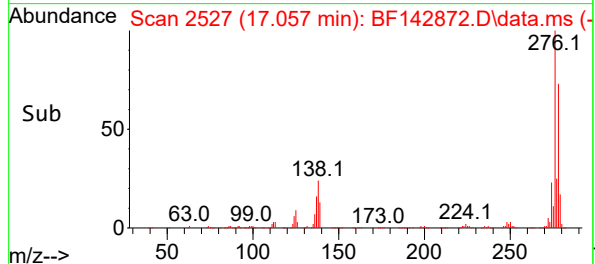
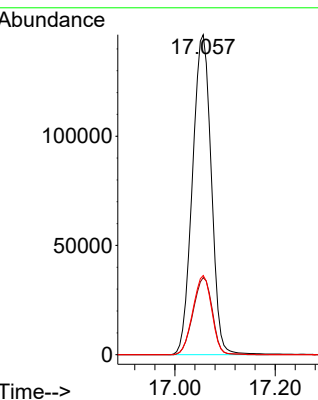
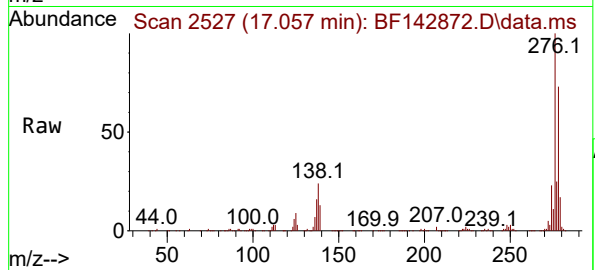
277 24.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#88

Benzo(b)fluoranthene

Concen: 46.562 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

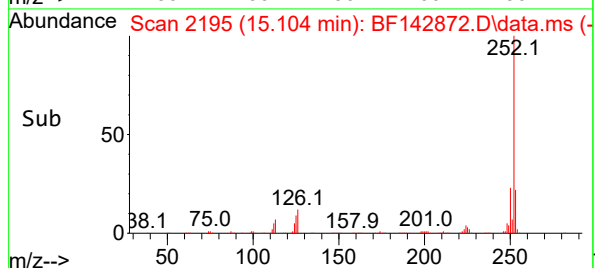
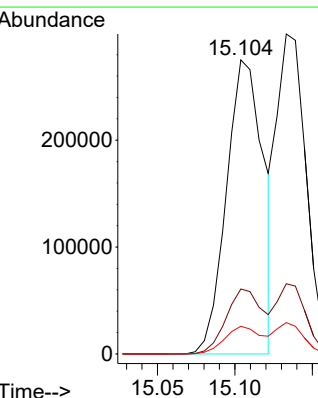
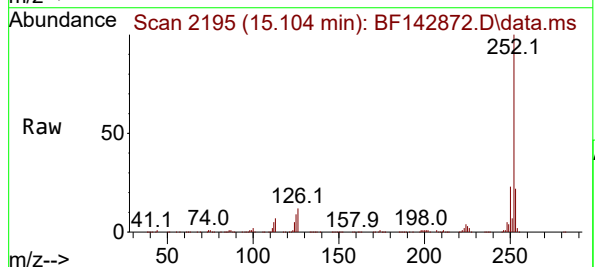
Tgt Ion:252 Resp: 456106

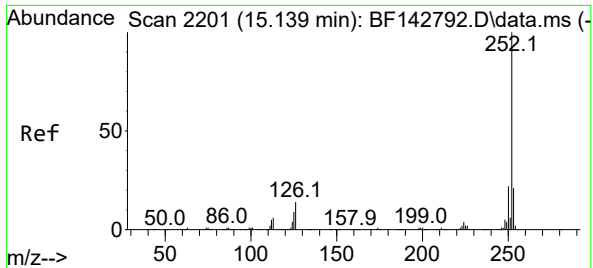
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.265 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:252 Resp: 396508

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

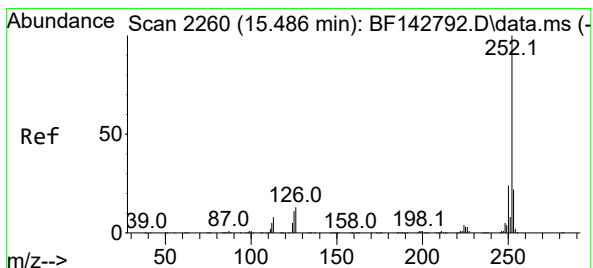
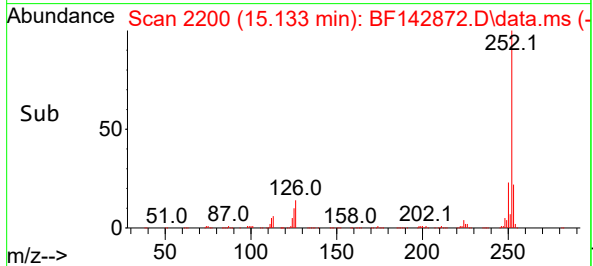
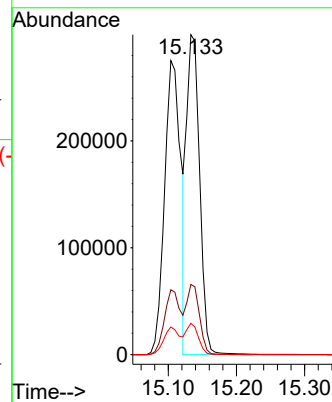
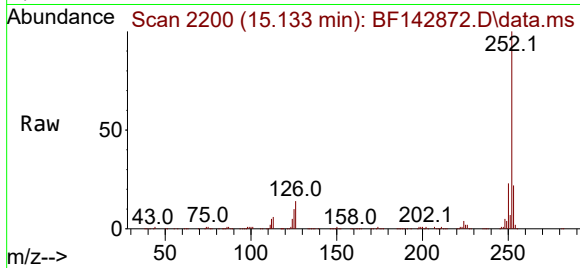
125 9.8 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#90

Benzo(a)pyrene

Concen: 43.878 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

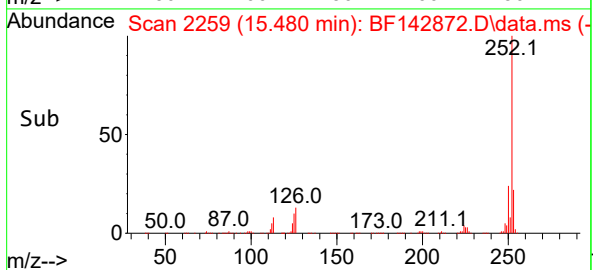
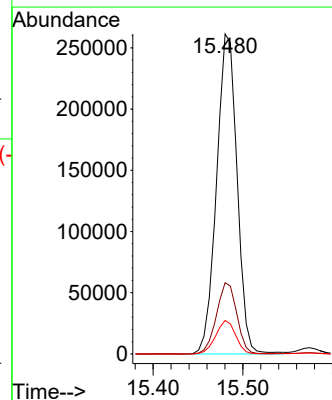
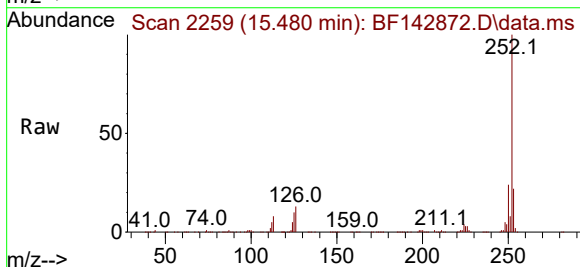
Tgt Ion:252 Resp: 415232

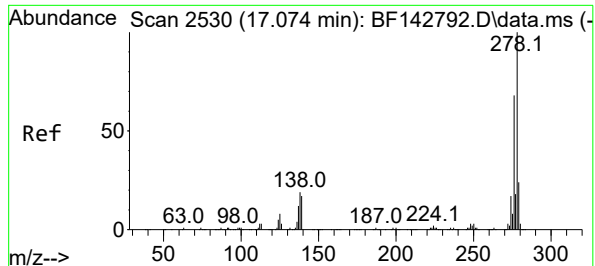
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.4 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 29.787 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

Instrument :

BNA_F

ClientSampleId :

MH-G/HMS

Tgt Ion:278 Resp: 312079

Ion Ratio Lower Upper

278 100

139 15.3 13.5 20.3

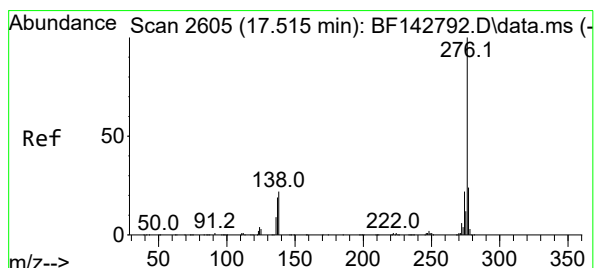
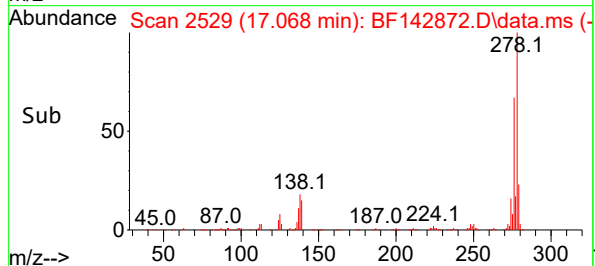
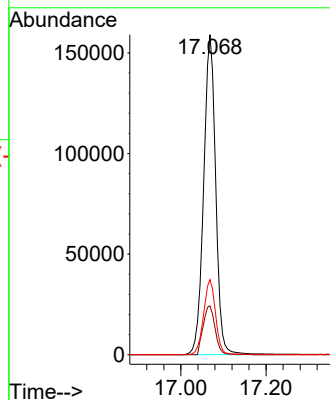
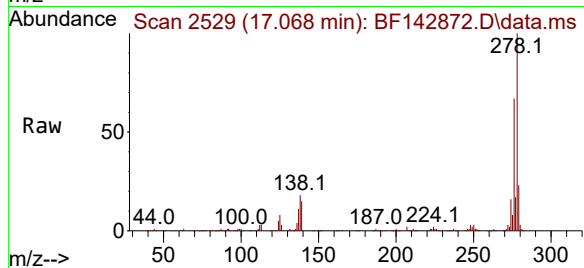
279 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#92

Benzo(g,h,i)perylene

Concen: 26.694 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.006 min

Lab File: BF142872.D

Acq: 26 Jun 2025 17:06

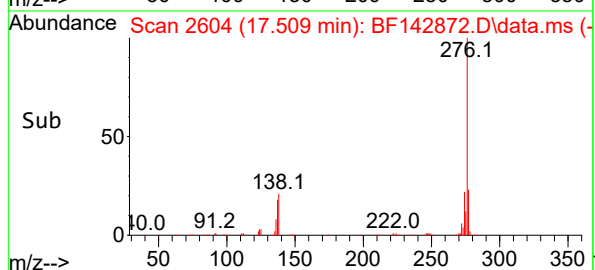
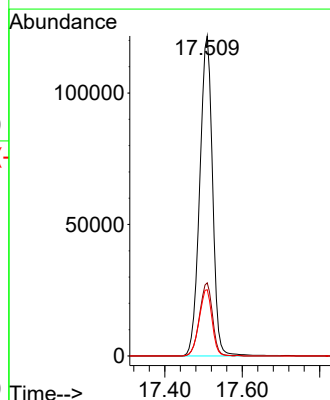
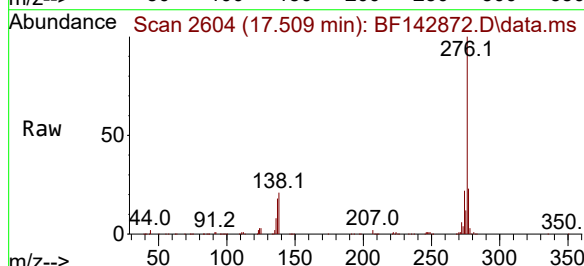
Tgt Ion:276 Resp: 278882

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 20.7 17.6 26.4



Report of Analysis

Client:	Kleinfelder	Date Collected:	06/25/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	MH-G/HMSD	SDG No.:	Q2425
Lab Sample ID:	Q2416-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.7
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142873.D	1	06/26/25 09:20	06/26/25 17:36	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	960		15.2	110	ug/Kg
86-73-7	Fluorene	960		16.9	110	ug/Kg
85-01-8	Phenanthrene	970		14.0	110	ug/Kg
120-12-7	Anthracene	970		22.3	110	ug/Kg
129-00-0	Pyrene	890		24.1	110	ug/Kg
56-55-3	Benzo(a)anthracene	970		15.4	110	ug/Kg
218-01-9	Chrysene	970		13.3	110	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		12.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		19.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	730		19.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	660		17.2	110	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	46.2		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.1		20 - 109	46%	SPK: 100
1718-51-0	Terphenyl-d14	45.3		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	79900	6.875			
1146-65-2	Naphthalene-d8	304000	8.163			
15067-26-2	Acenaphthene-d10	163000	9.922			
1517-22-2	Phenanthrene-d10	267000	11.41			
1719-03-5	Chrysene-d12	150000	14.057			
1520-96-3	Perylene-d12	167000	15.545			

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/25/25
Project:	AS Jenks School	Date Received:	06/25/25
Client Sample ID:	MH-G/HMSD	SDG No.:	Q2425
Lab Sample ID:	Q2416-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.7
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142873.D	1	06/26/25 09:20	06/26/25 17:36	PB168625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142873.D
 Acq On : 26 Jun 2025 17:36
 Operator : RC/JU
 Sample : Q2416-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025

Quant Time: Jun 26 18:00:13 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	79872	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	303973	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162686	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	266635	20.000	ng	0.00
76) Chrysene-d12	14.057	240	149914	20.000	ng	0.00
86) Perylene-d12	15.545	264	166770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	353823	73.754	ng	0.00
7) Phenol-d6	6.504	99	430468	76.056	ng	0.00
23) Nitrobenzene-d5	7.439	82	256260	46.241	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	118414	70.731	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	570630	46.078	ng	0.00
79) Terphenyl-d14	12.992	244	491190	45.271	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	72253	37.655	ng	99
3) Pyridine	3.463	79	192052	39.924	ng	98
4) n-Nitrosodimethylamine	3.422	42	105561	42.436	ng	100
6) Aniline	6.539	93	153002	20.316	ng	94
8) 2-Chlorophenol	6.663	128	223617	43.211	ng	97
9) Benzaldehyde	6.428	77	98497	29.333	ng	99
10) Phenol	6.522	94	261112	41.503	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	192545	42.820	ng	98
12) 1,3-Dichlorobenzene	6.816	146	248816	42.991	ng	99
13) 1,4-Dichlorobenzene	6.892	146	246549	42.223	ng	99
14) 1,2-Dichlorobenzene	7.045	146	234603	42.359	ng	99
15) Benzyl Alcohol	7.016	79	179726	43.924	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	295841	40.950	ng	97
17) 2-Methylphenol	7.134	107	170832	43.561	ng	98
18) Hexachloroethane	7.386	117	87263	42.726	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	144735	43.968	ng	98
20) 3+4-Methylphenols	7.287	107	214697	43.909	ng	93
22) Acetophenone	7.287	105	291908	43.548	ng	99
24) Nitrobenzene	7.457	77	216652	43.193	ng	99
25) Isophorone	7.698	82	385197	43.330	ng	100
26) 2-Nitrophenol	7.775	139	123240	45.104	ng	99
27) 2,4-Dimethylphenol	7.816	122	205547	43.429	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	245774	43.486	ng	100
29) 2,4-Dichlorophenol	8.022	162	187709	43.741	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	201446	42.689	ng	99
31) Naphthalene	8.181	128	641542	43.117	ng	100
32) Benzoic acid	7.898	122	40191m	16.661	ng	
33) 4-Chloroaniline	8.228	127	65208	10.778	ng	99
34) Hexachlorobutadiene	8.298	225	123483	42.780	ng	99
35) Caprolactam	8.604	113	54934m	48.511	ng	
36) 4-Chloro-3-methylphenol	8.722	107	192957	45.242	ng	99
37) 2-Methylnaphthalene	8.875	142	400102	43.374	ng	99
38) 1-Methylnaphthalene	8.975	142	417561	43.728	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	203848	42.465	ng	99
41) Hexachlorocyclopentadiene	9.028	237	211937	77.801	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	129432	41.378	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142873.D
 Acq On : 26 Jun 2025 17:36
 Operator : RC/JU
 Sample : Q2416-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-G/HMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/27/2025
 Supervised By :Jagrut Upadhyay 06/27/2025

Quant Time: Jun 26 18:00:13 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	139865	42.476	ng	99
46) 1,1'-Biphenyl	9.339	154	554149	43.120	ng	100
47) 2-Chloronaphthalene	9.363	162	408195	42.326	ng	99
48) 2-Nitroaniline	9.463	65	123605	45.716	ng	98
49) Acenaphthylene	9.780	152	679858	42.823	ng	100
50) Dimethylphthalate	9.639	163	476574	45.255	ng	99
51) 2,6-Dinitrotoluene	9.704	165	105606	45.665	ng	97
52) Acenaphthene	9.951	154	402790	41.583	ng	99
53) 3-Nitroaniline	9.869	138	55907	21.957	ng	99
54) 2,4-Dinitrophenol	9.980	184	26118	22.555	ng	96
55) Dibenzofuran	10.127	168	595071	42.842	ng	99
56) 4-Nitrophenol	10.039	139	142376	81.677	ng	99
57) 2,4-Dinitrotoluene	10.110	165	140900	45.868	ng	98
58) Fluorene	10.469	166	465440	42.906	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	104527	39.382	ng	96
60) Diethylphthalate	10.339	149	474099	45.917	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	221765	42.841	ng	98
62) 4-Nitroaniline	10.486	138	102550	44.037	ng	99
63) Azobenzene	10.622	77	439695	47.647	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	28654	17.767	ng	89
66) n-Nitrosodiphenylamine	10.580	169	406412	43.980	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	135921	44.791	ng	98
68) Hexachlorobenzene	11.016	284	146346	43.402	ng	98
69) Atrazine	11.104	200	126023	52.811	ng	99
70) Pentachlorophenol	11.216	266	91245	54.305	ng	98
71) Phenanthrene	11.433	178	626087	43.347	ng	99
72) Anthracene	11.486	178	641967	43.337	ng	99
73) Carbazole	11.639	167	558878	43.720	ng	100
74) Di-n-butylphthalate	11.969	149	694109	52.122	ng	100
75) Fluoranthene	12.621	202	582494	42.494	ng	100
77) Benzidine	12.745	184	113001	20.063	ng	99
78) Pyrene	12.851	202	563776	40.121	ng	100
80) Butylbenzylphthalate	13.468	149	216670	53.156	ng	97
81) Benzo(a)anthracene	14.045	228	441721	43.677	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	33127	10.099	ng	99
83) Chrysene	14.080	228	394695	43.737	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	273853	46.696	ng	99
85) Di-n-octyl phthalate	14.639	149	446186	40.348	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	414638	32.642	ng	99
88) Benzo(b)fluoranthene	15.104	252	457199	47.378	ng	99
89) Benzo(k)fluoranthene	15.139	252	406991	45.079	ng	99
90) Benzo(a)pyrene	15.480	252	421307	45.192	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	340353	32.976	ng	99
92) Benzo(g,h,i)perylene	17.509	276	303068	29.447	ng	98

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

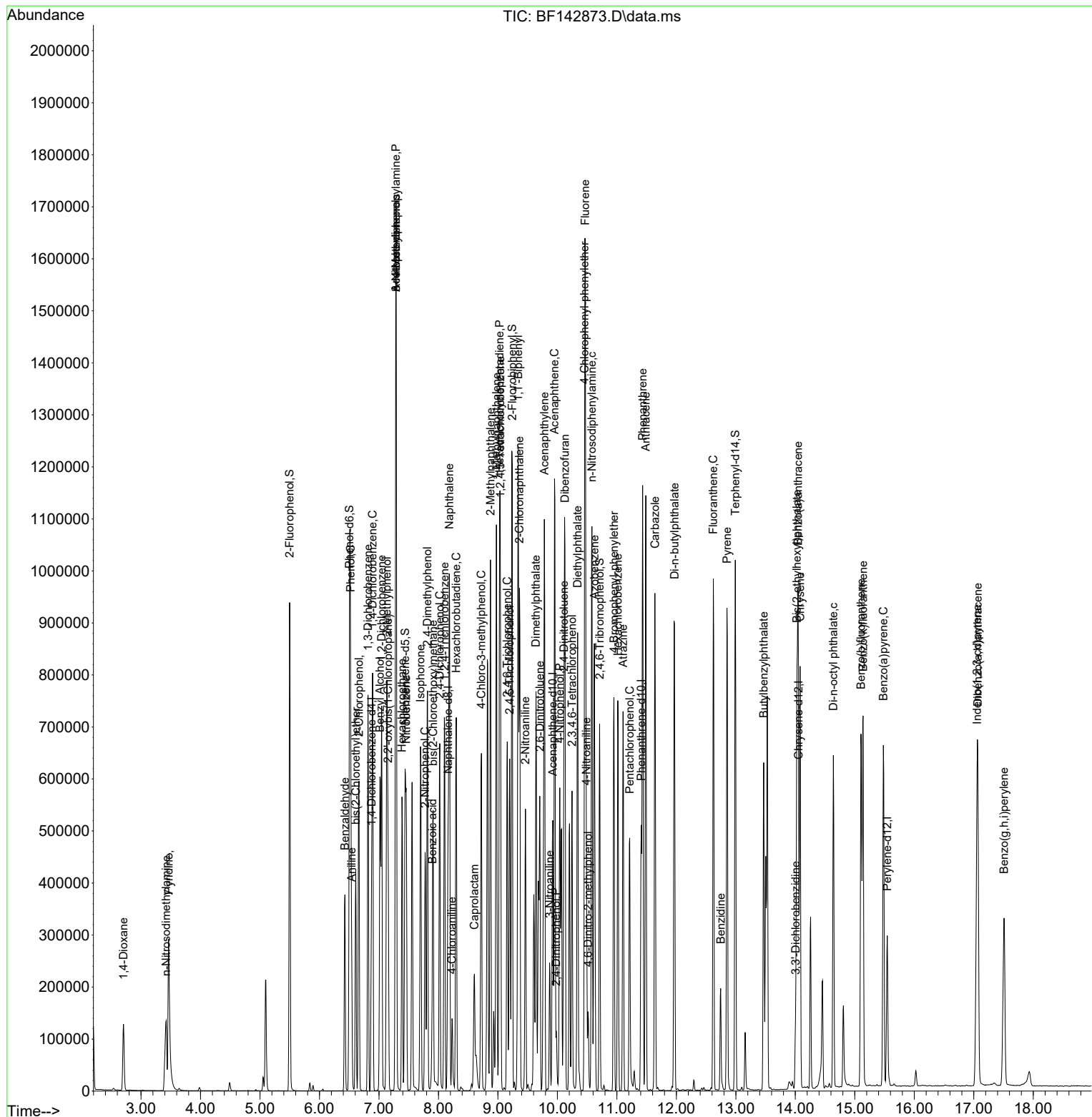
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\  
Data File : BF142873.D  
Acq On    : 26 Jun 2025  17:36  
Operator  : RC/JU  
Sample    : Q2416-01MSD  
Misc      :  
ALS Vial  : 18    Sample Multiplier: 1
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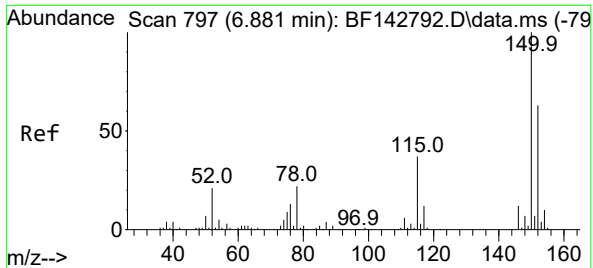
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD

Manual Integrations

Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

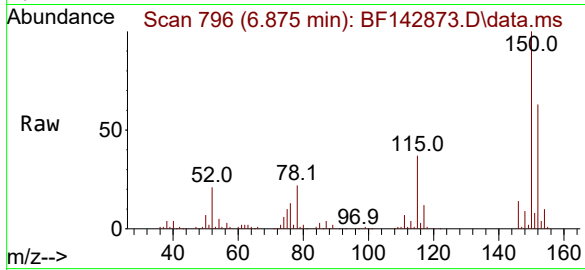
Quant Time: Jun 26 18:00:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

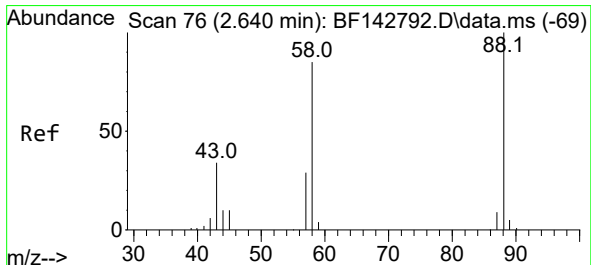
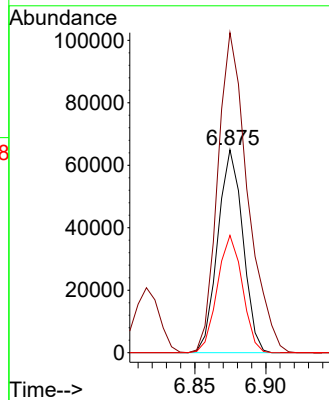
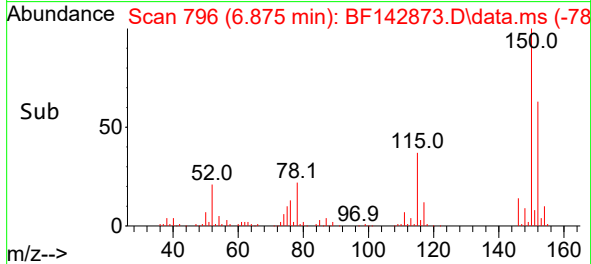
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



Tgt Ion:152 Resp: 79872
Ion Ratio Lower Upper
152 100
150 157.8 127.2 190.8
115 57.8 46.6 69.8

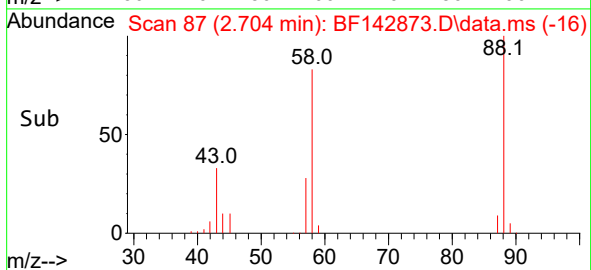
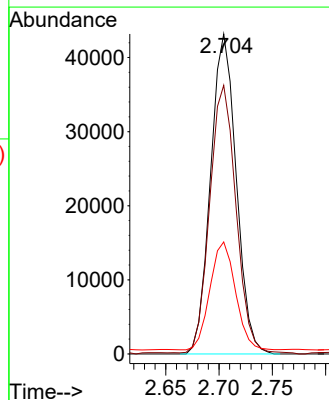
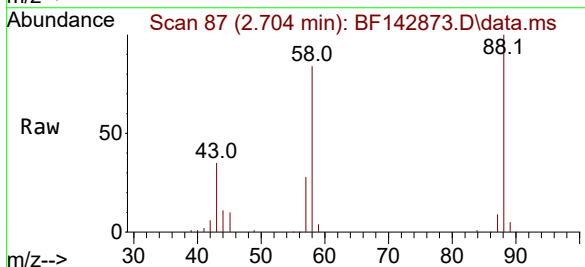
Manual Integrations
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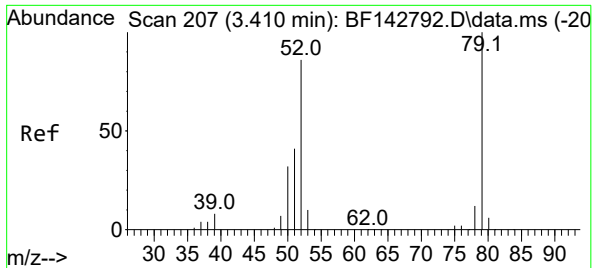
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#2
1,4-Dioxane
Concen: 37.655 ng
RT: 2.704 min Scan# 87
Delta R.T. 0.065 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Tgt Ion: 88 Resp: 72253
Ion Ratio Lower Upper
88 100
58 86.7 69.1 103.7
43 33.5 27.4 41.2





#3

Pyridine

Concen: 39.924 ng

RT: 3.463 min Scan# 216

Delta R.T. 0.053 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion: 79 Resp: 192052

Ion Ratio Lower Upper

79 100

52 84.4 69.2 103.8

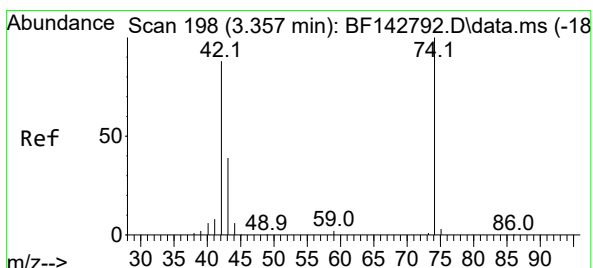
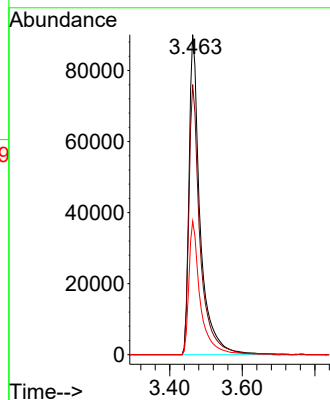
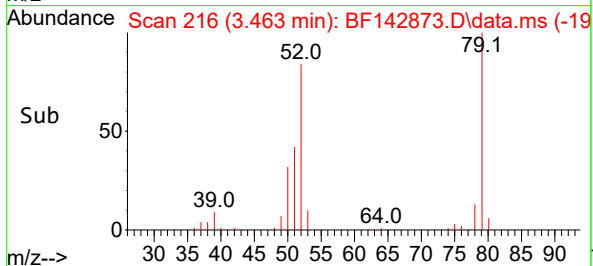
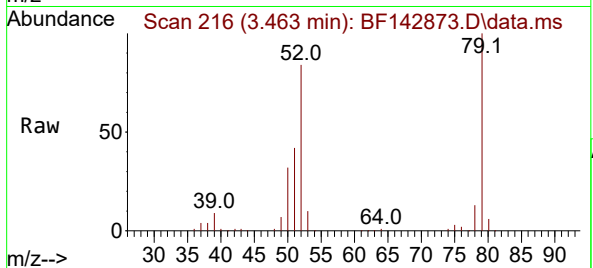
51 41.7 33.2 49.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#4

n-Nitrosodimethylamine

Concen: 42.436 ng

RT: 3.422 min Scan# 209

Delta R.T. 0.065 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

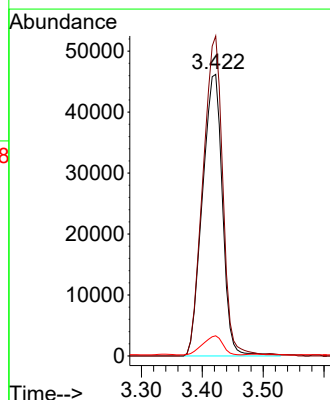
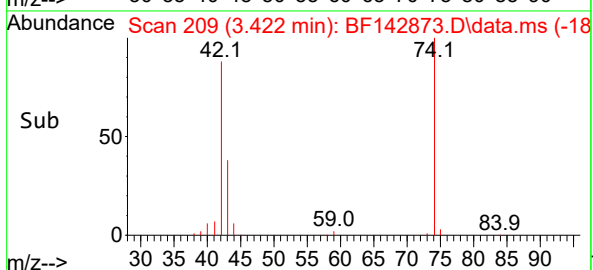
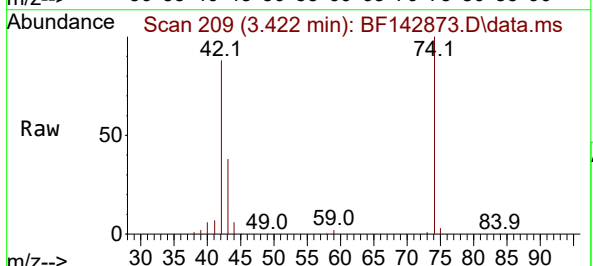
Tgt Ion: 42 Resp: 105561

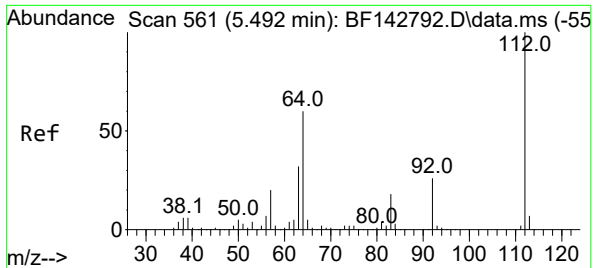
Ion Ratio Lower Upper

42 100

74 113.6 90.9 136.3

44 7.2 5.8 8.6





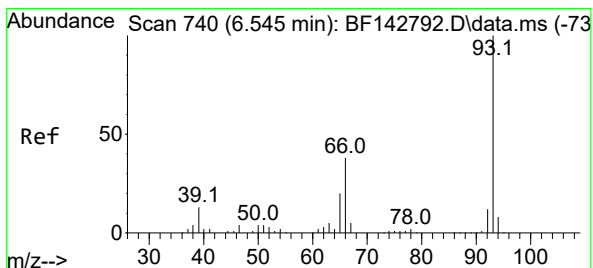
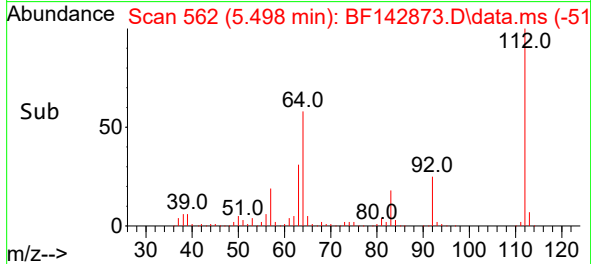
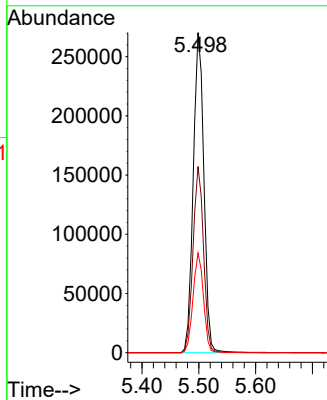
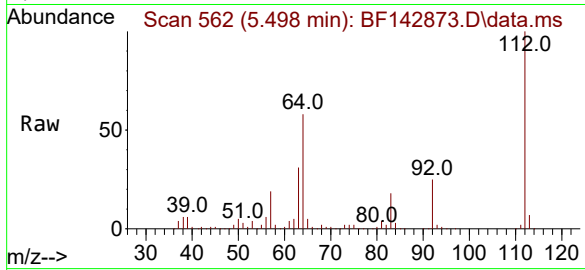
#5
2-Fluorophenol
Concen: 73.754 ng
RT: 5.498 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD

Tgt Ion:112 Resp: 35382
Ion Ratio Lower Upper
112 100
64 58.2 48.2 72.2
63 31.1 25.7 38.5

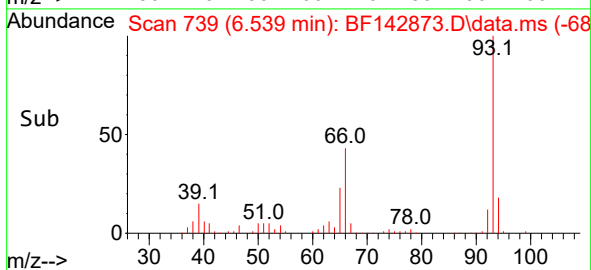
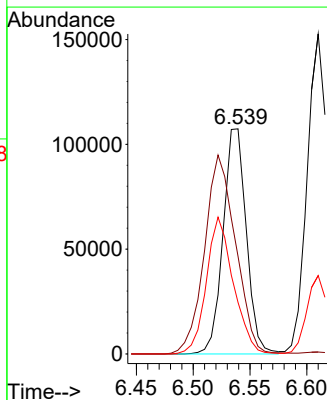
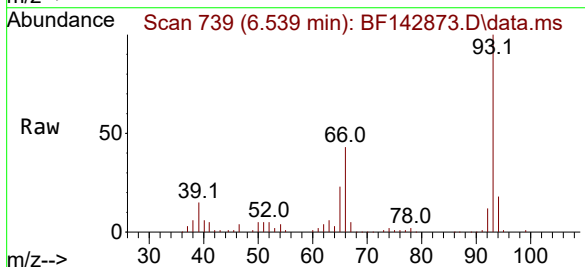
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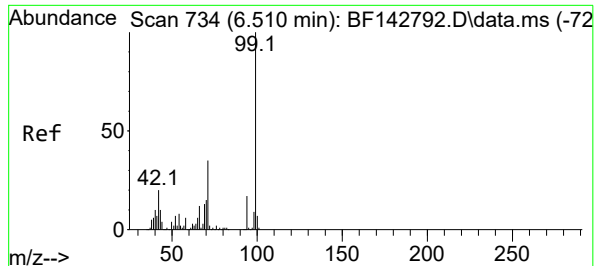
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#6
Aniline
Concen: 20.316 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

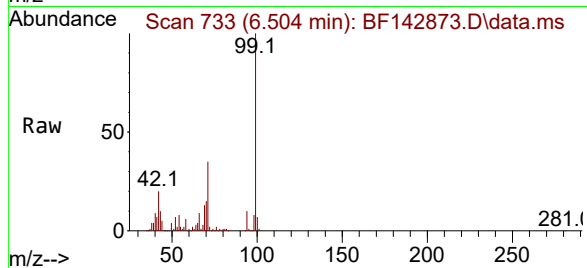
Tgt Ion: 93 Resp: 153002
Ion Ratio Lower Upper
93 100
66 43.4 31.8 47.6
65 22.9 16.2 24.2





#7
Phenol-d6
Concen: 76.056 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

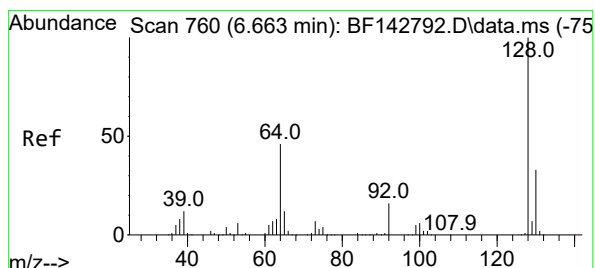
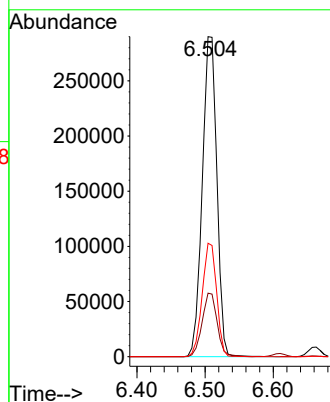
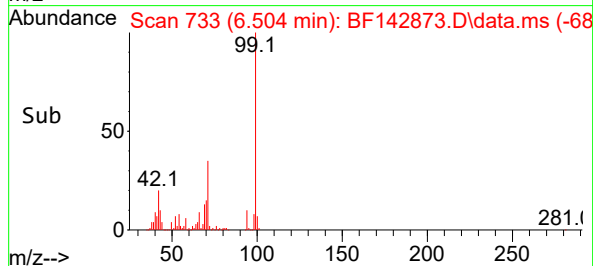
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



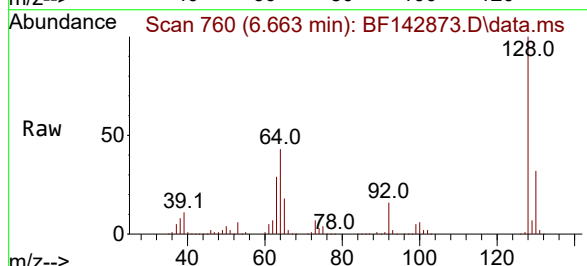
Tgt Ion: 99 Resp: 430468
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 35.5 27.8 41.8

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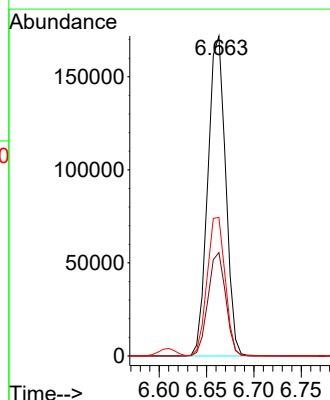
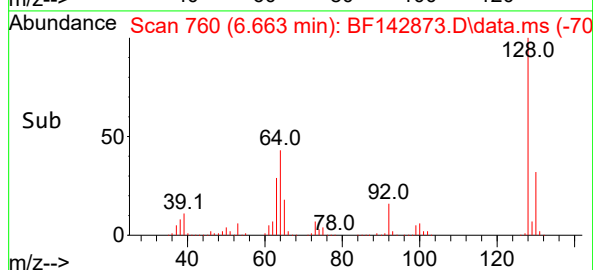
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

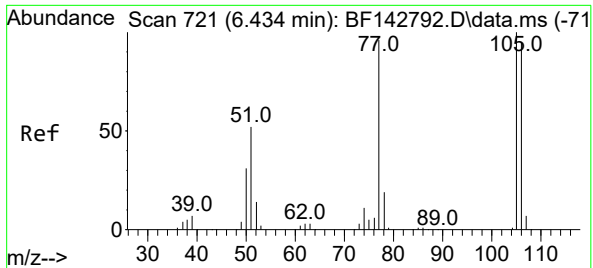


#8
2-Chlorophenol
Concen: 43.211 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36



Tgt Ion:128 Resp: 223617
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 43.3 26.5 66.5





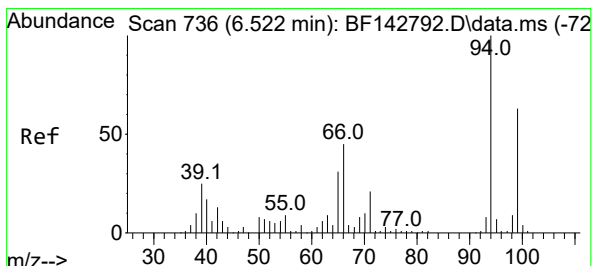
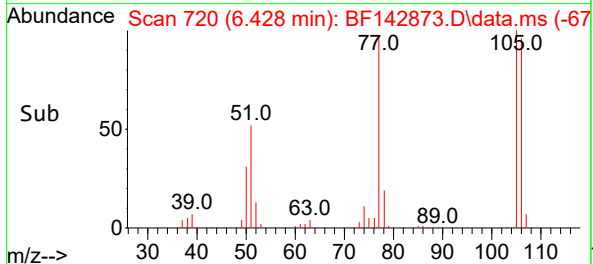
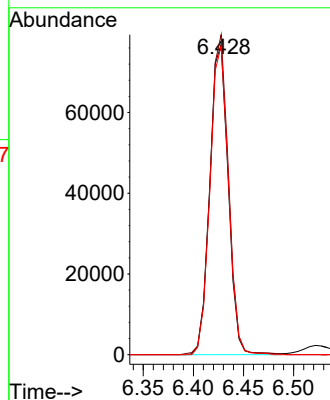
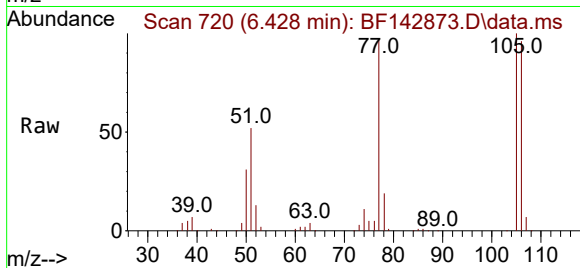
#9
Benzaldehyde
Concen: 29.333 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD

Tgt Ion: 77 Resp: 9849
Ion Ratio Lower Upper
77 100
105 103.2 83.8 123.8
106 99.5 78.7 118.7

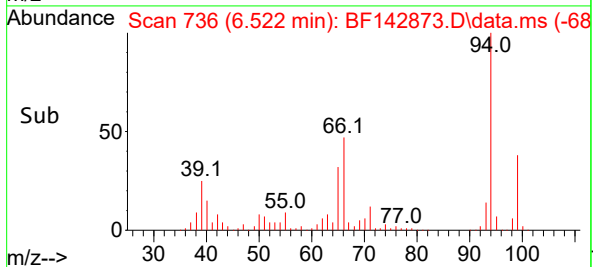
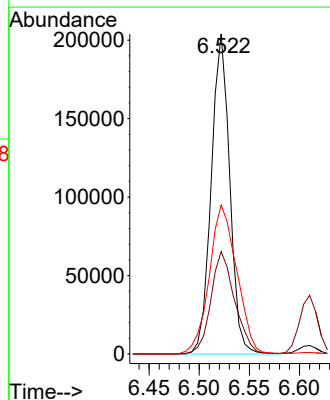
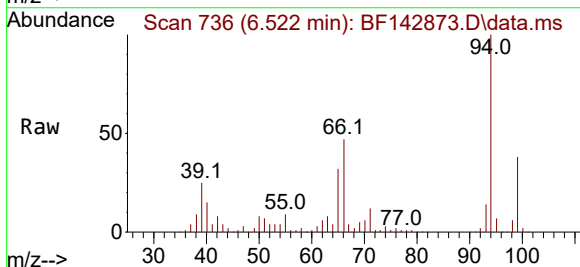
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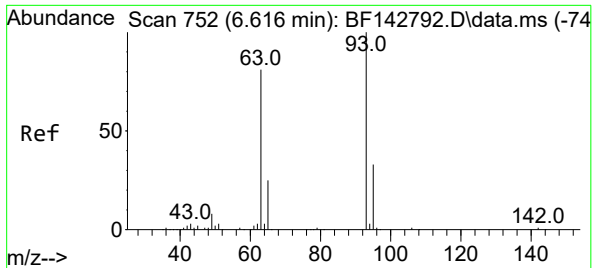
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#10
Phenol
Concen: 41.503 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Tgt Ion: 94 Resp: 261112
Ion Ratio Lower Upper
94 100
65 32.0 11.3 51.3
66 46.5 24.9 64.9





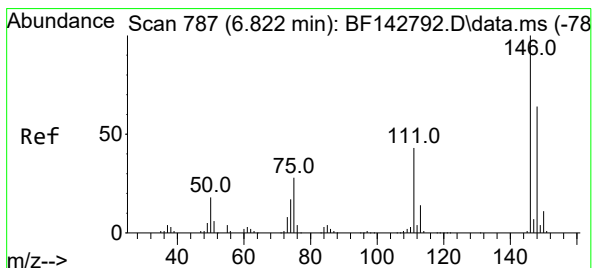
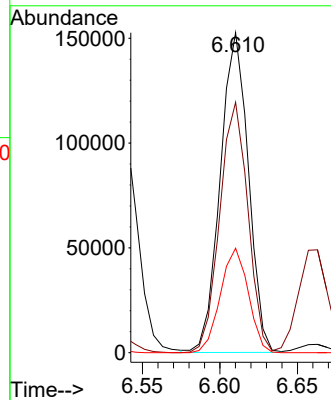
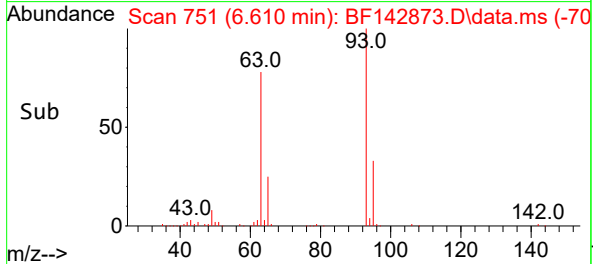
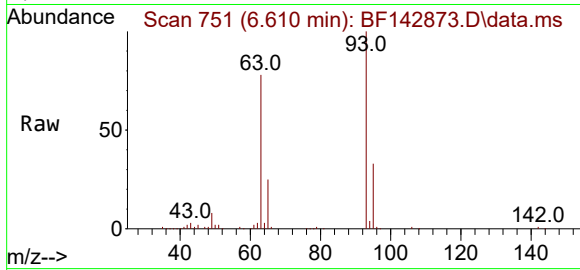
#11
bis(2-Chloroethyl)ether
Concen: 42.820 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD

Tgt Ion: 93 Resp: 192549
Ion Ratio Lower Upper
93 100
63 78.2 60.3 100.3
95 32.7 12.5 52.5

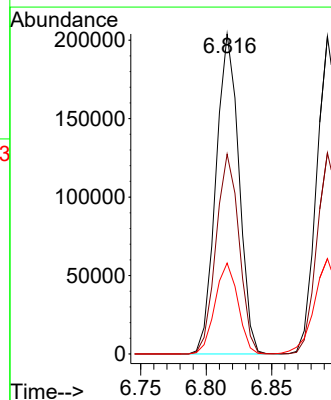
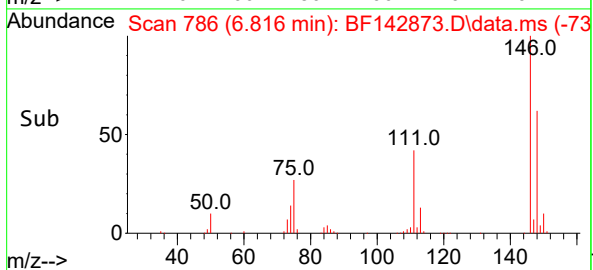
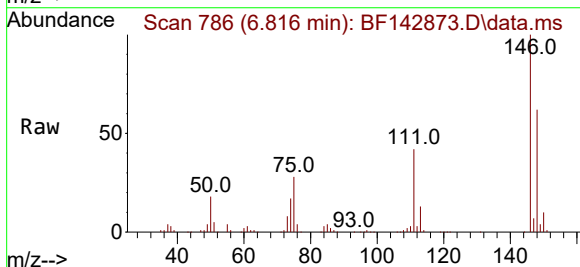
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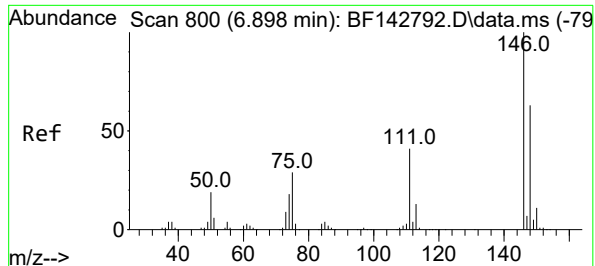
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#12
1,3-Dichlorobenzene
Concen: 42.991 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Tgt Ion:146 Resp: 248816
Ion Ratio Lower Upper
146 100
148 62.4 51.1 76.7
75 28.4 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 42.223 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:146 Resp: 246549

Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.2

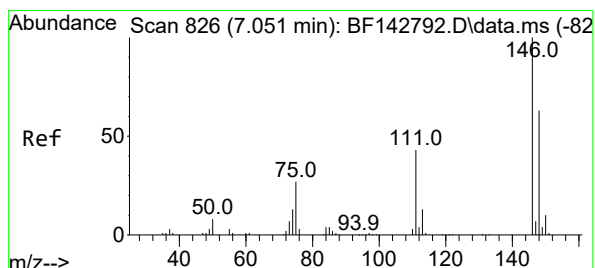
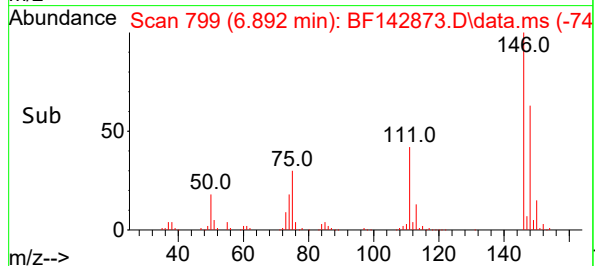
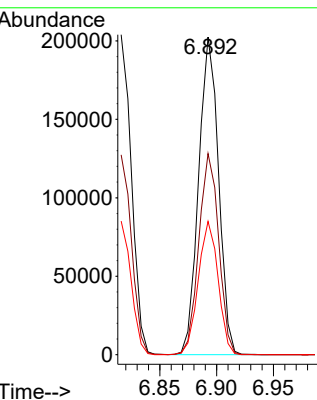
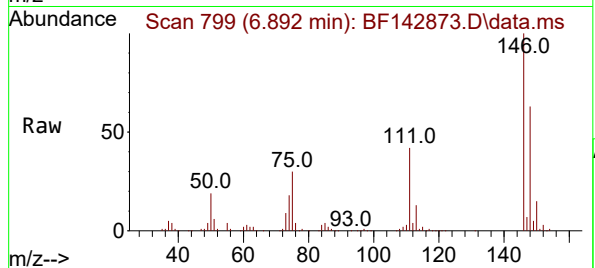
111 42.0 33.2 49.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/27/2025



#14

1,2-Dichlorobenzene

Concen: 42.359 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

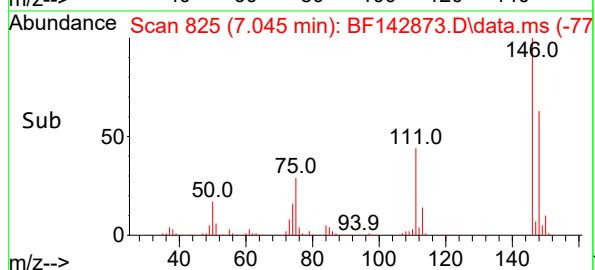
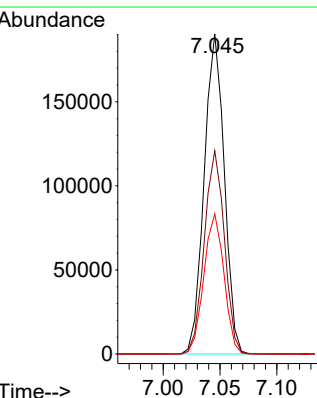
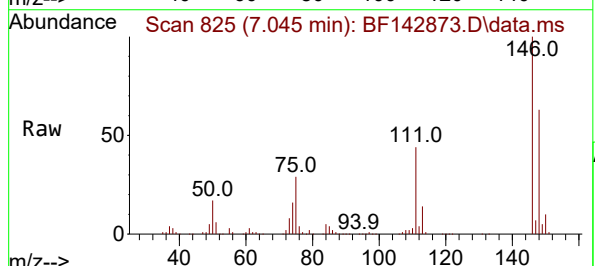
Tgt Ion:146 Resp: 234603

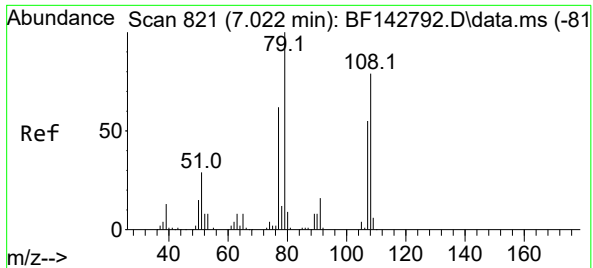
Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

111 43.8 34.1 51.1





#15

Benzyl Alcohol

Concen: 43.924 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion: 79 Resp: 179720

Ion Ratio Lower Upper

79 100

108 77.8 63.4 95.0

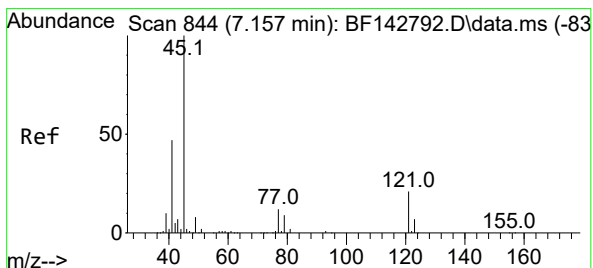
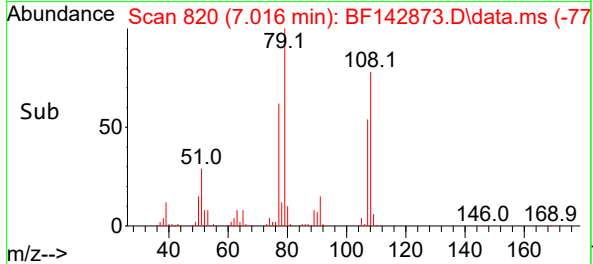
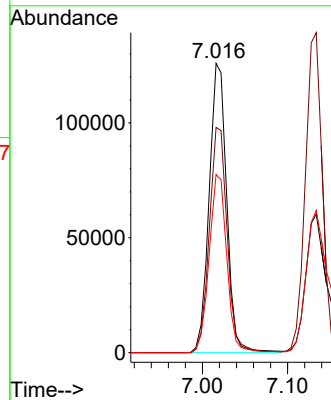
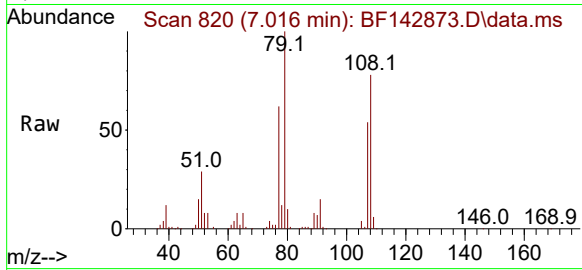
77 61.6 49.5 74.3

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.950 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

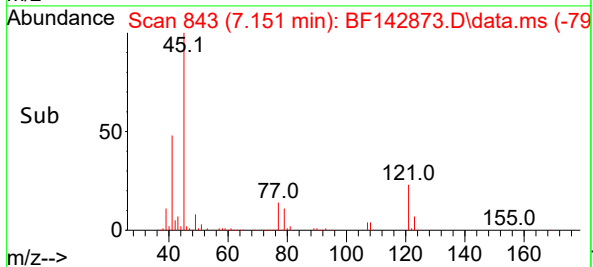
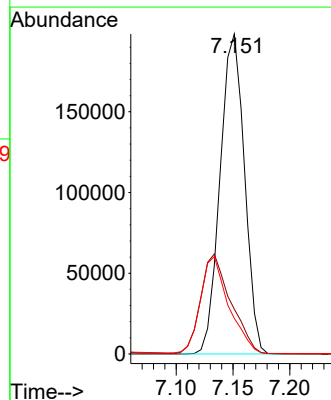
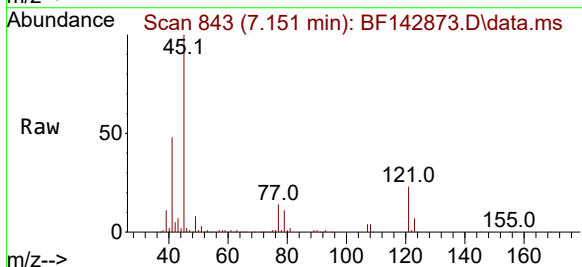
Tgt Ion: 45 Resp: 295841

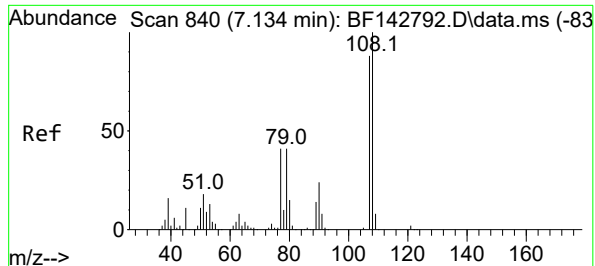
Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.8

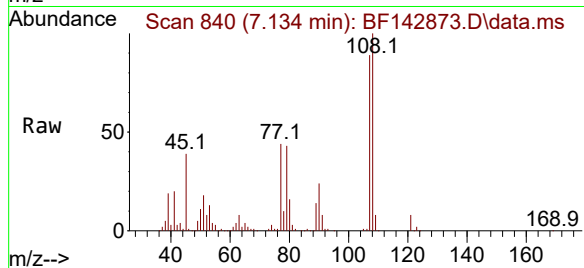
79 11.1 0.0 29.8





#17
2-Methylphenol
Concen: 43.561 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

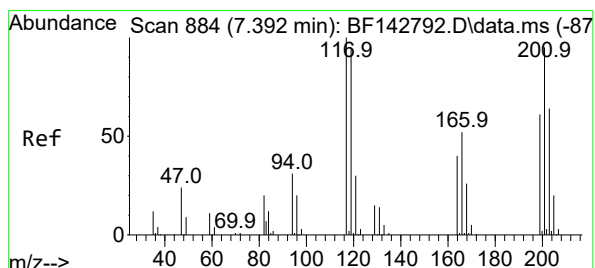
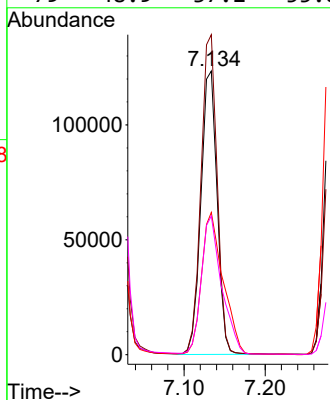
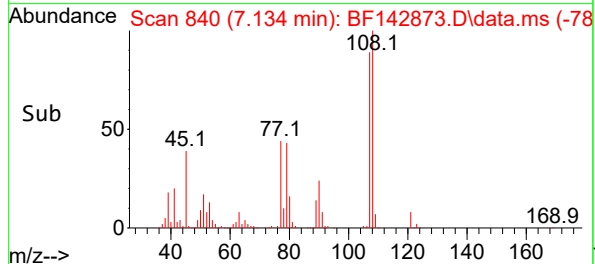
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



Tgt Ion:107 Resp: 170832
Ion Ratio Lower Upper
107 100
108 112.8 90.9 136.3
77 50.1 37.3 55.9
79 48.9 37.2 55.8

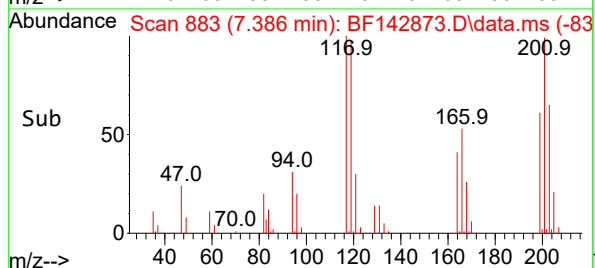
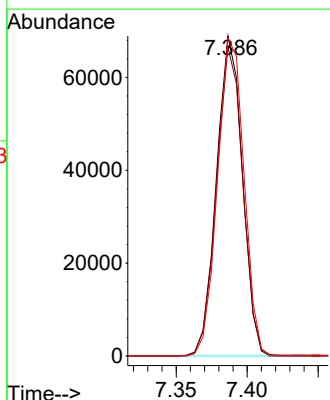
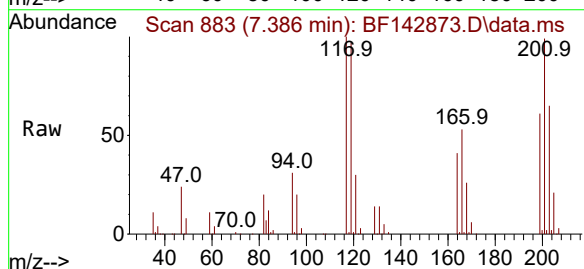
Manual Integrations
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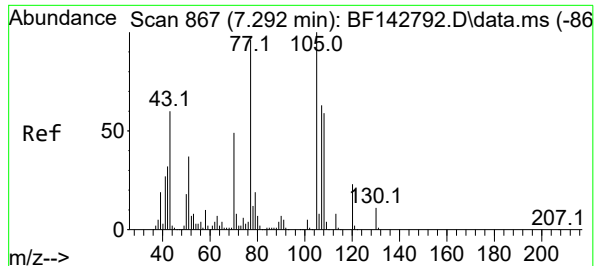
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#18
Hexachloroethane
Concen: 42.726 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Tgt Ion:117 Resp: 87263
Ion Ratio Lower Upper
117 100
119 96.5 75.4 113.0
201 99.4 75.9 113.9





#19

n-Nitroso-di-n-propylamine

Concen: 43.968 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion: 70 Resp: 144735

Ion Ratio Lower Upper

70 100

42 63.3 52.1 78.1

101 10.3 8.2 12.2

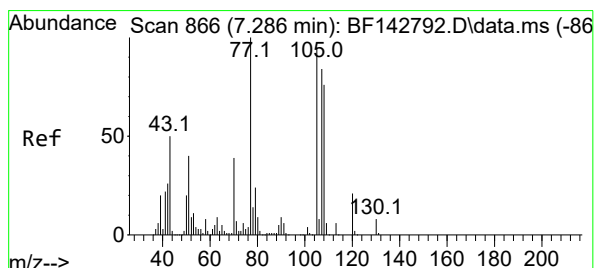
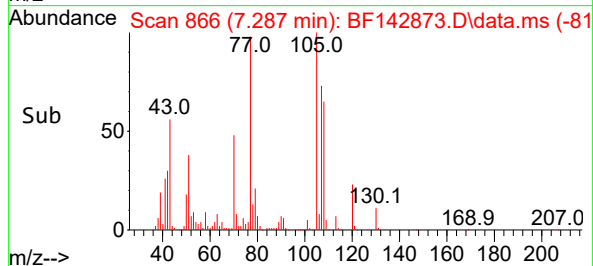
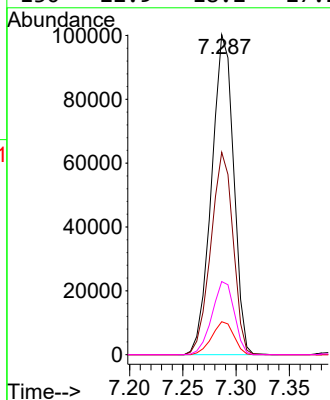
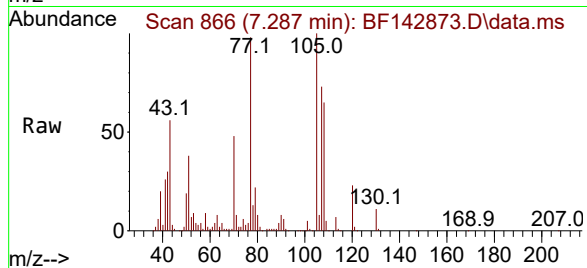
130 22.9 18.2 27.2

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#20

3+4-Methylphenols

Concen: 43.909 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Tgt Ion:107 Resp: 214697

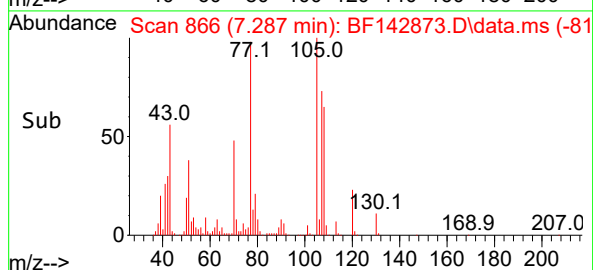
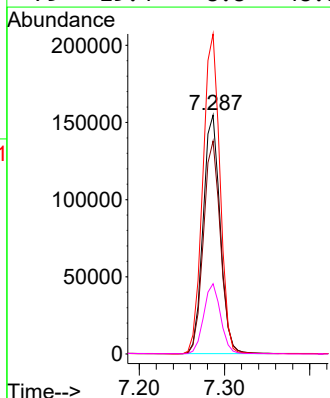
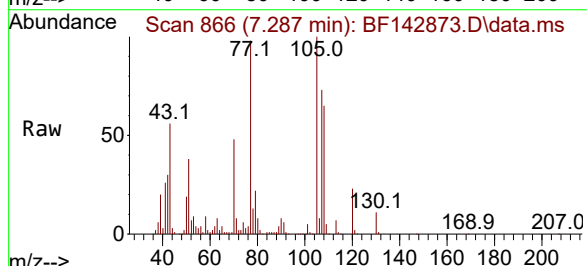
Ion Ratio Lower Upper

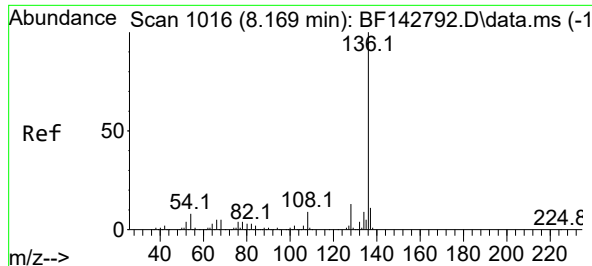
107 100

108 89.2 70.0 110.0

77 134.0 98.5 138.5

79 29.4 8.8 48.8





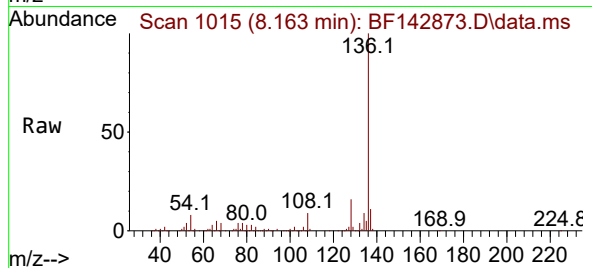
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

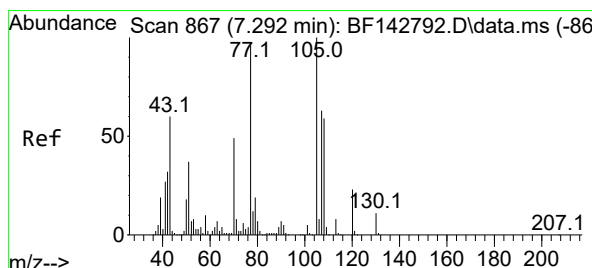
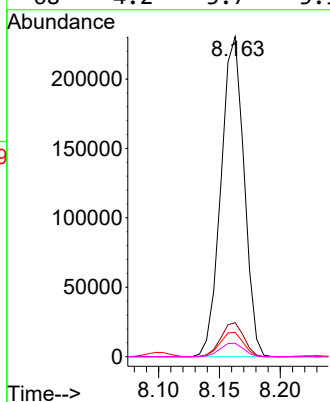
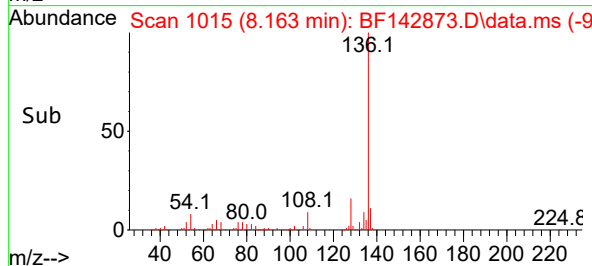


Tgt Ion:136 Resp: 30397
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 6.3 9.5
68 4.2 3.7 5.5

Manual Integrations

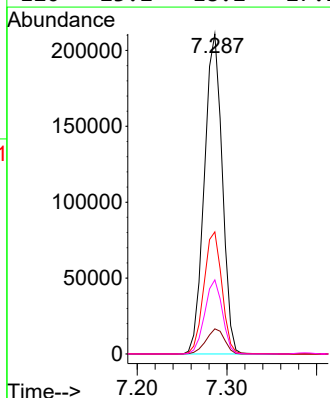
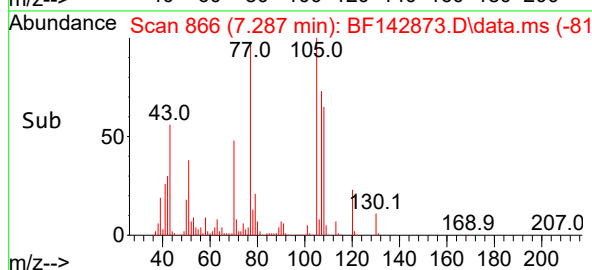
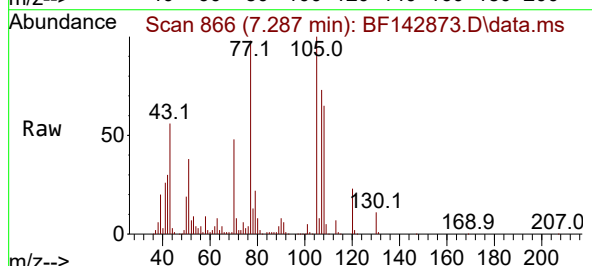
APPROVED

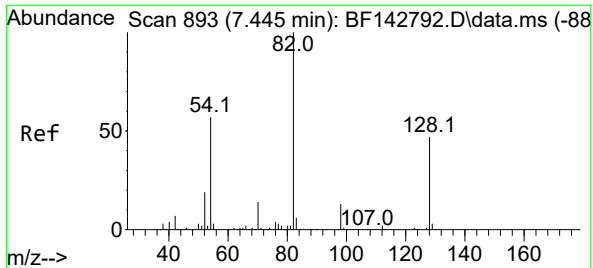
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#22
Acetophenone
Concen: 43.548 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Tgt Ion:105 Resp: 291908
Ion Ratio Lower Upper
105 100
71 7.8 6.5 9.7
51 38.1 29.8 44.8
120 23.2 18.2 27.2





#23

Nitrobenzene-d5

Concen: 46.241 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion: 82 Resp: 256260

Ion Ratio Lower Upper

82 100

128 48.4 37.7 56.5

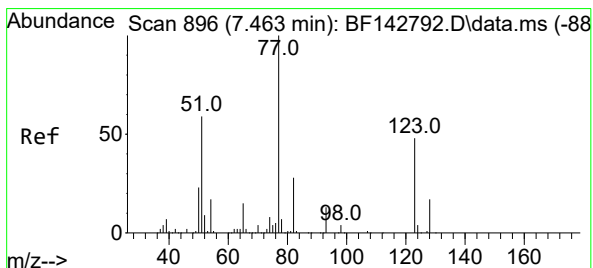
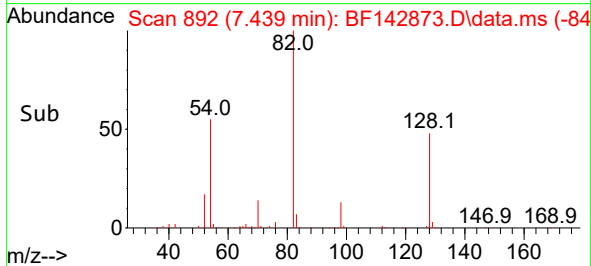
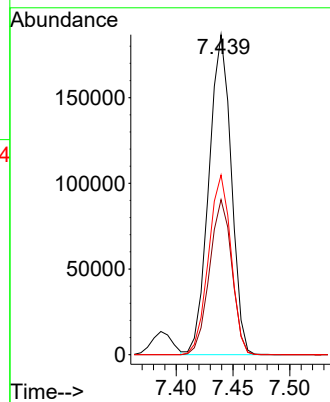
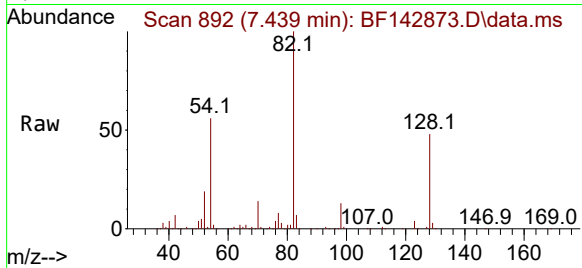
54 56.2 45.7 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#24

Nitrobenzene

Concen: 43.193 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

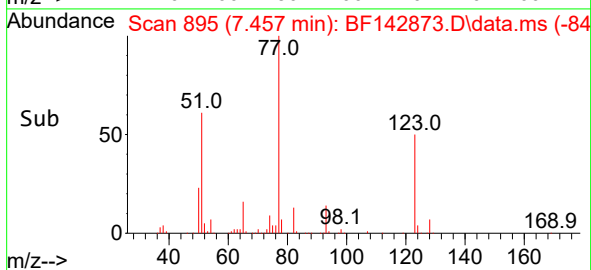
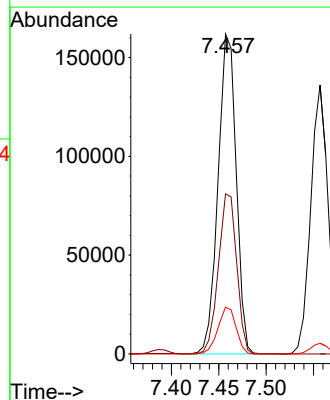
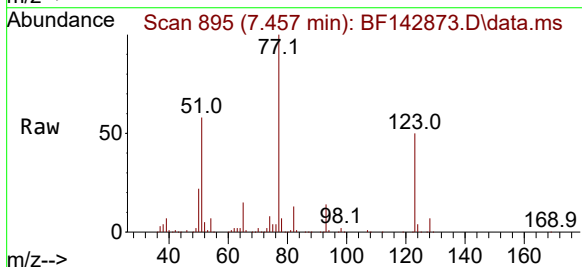
Tgt Ion: 77 Resp: 216652

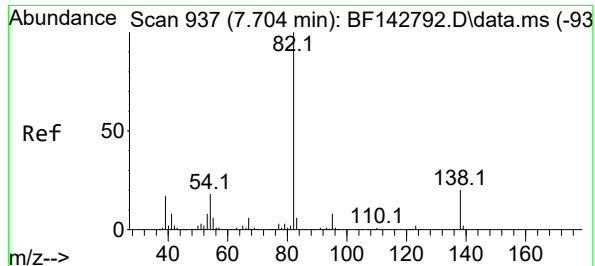
Ion Ratio Lower Upper

77 100

123 50.0 39.2 58.8

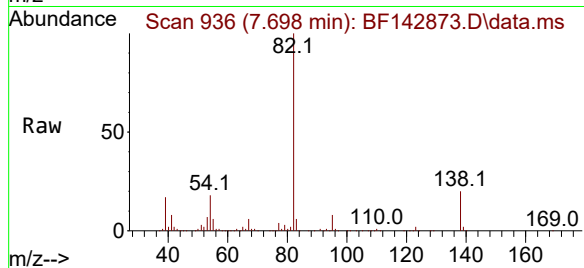
65 14.6 11.6 17.4





#25
Isophorone
Concen: 43.330 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

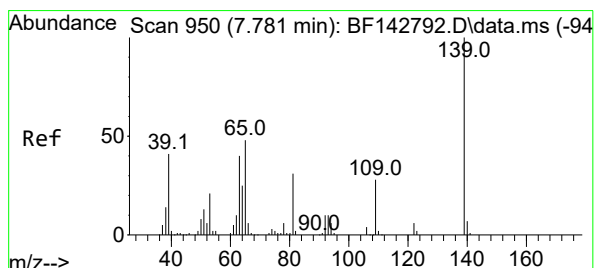
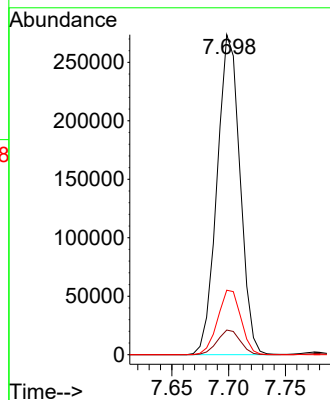
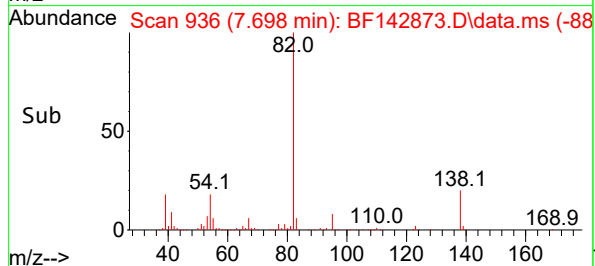
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



Tgt Ion: 82 Resp: 38519
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.1 16.2 24.4

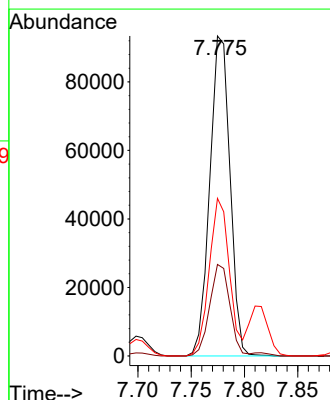
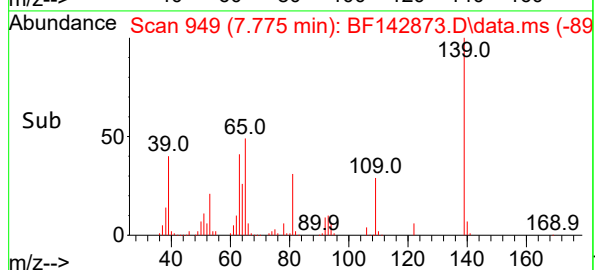
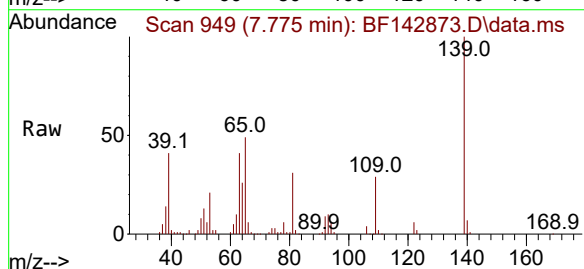
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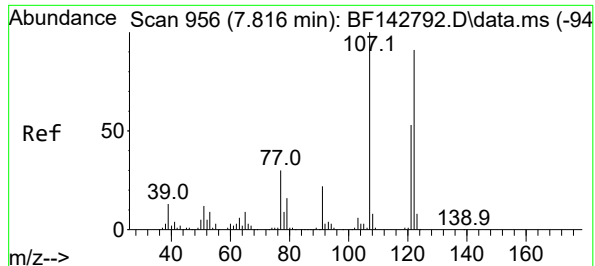
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#26
2-Nitrophenol
Concen: 45.104 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Tgt Ion:139 Resp: 123240
Ion Ratio Lower Upper
139 100
109 28.6 22.7 34.1
65 49.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 43.429 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:122 Resp: 20554

Ion Ratio Lower Upper

122 100

107 110.4 88.0 132.0

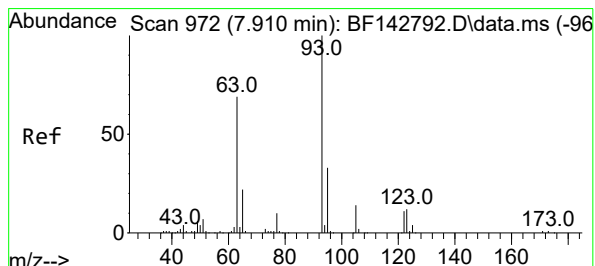
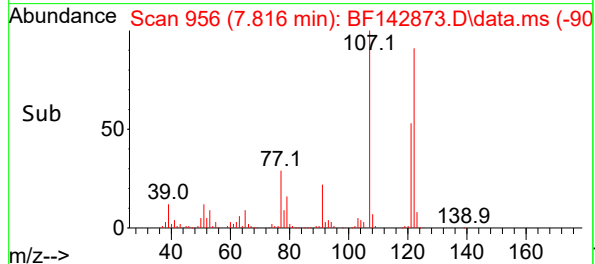
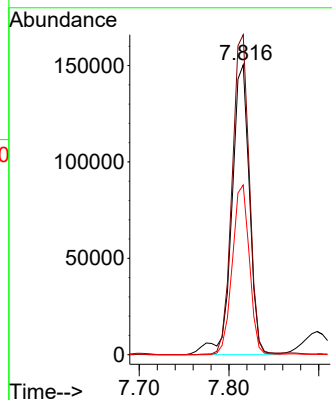
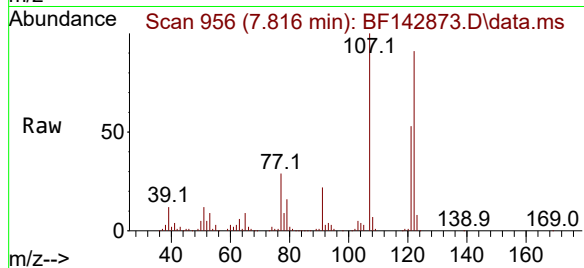
121 58.6 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.486 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

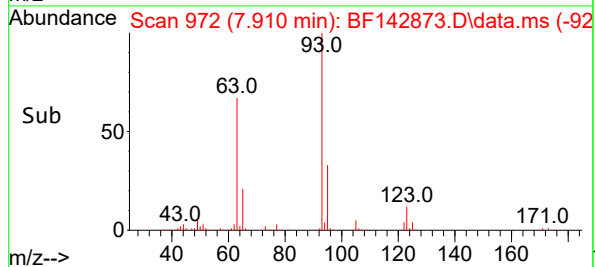
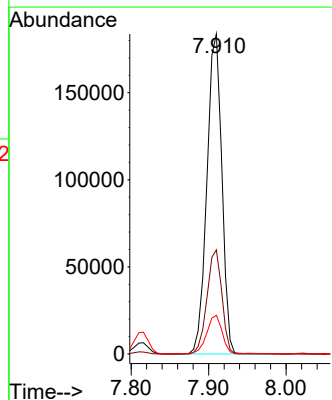
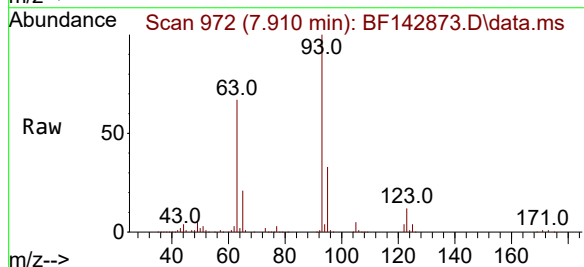
Tgt Ion: 93 Resp: 245774

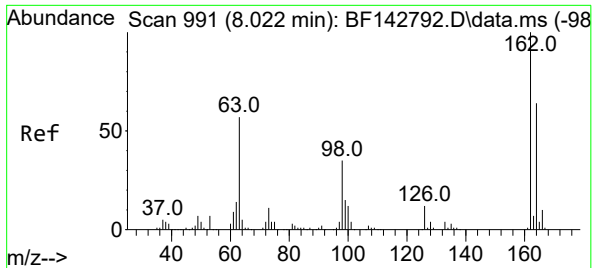
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 43.741 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:162 Resp: 187709

Ion Ratio Lower Upper

162 100

164 64.4 44.0 84.0

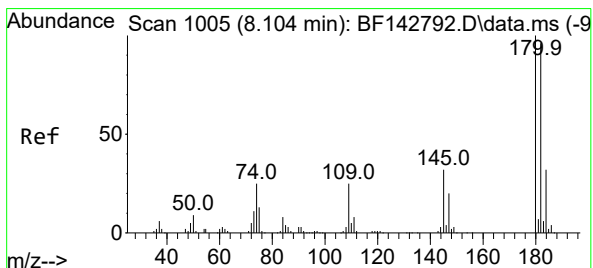
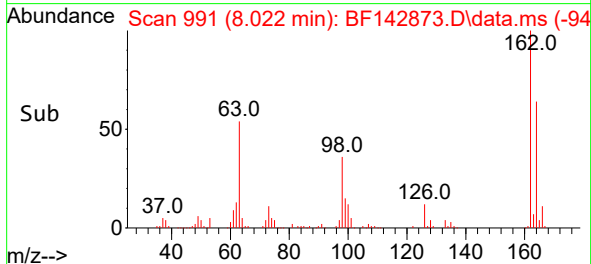
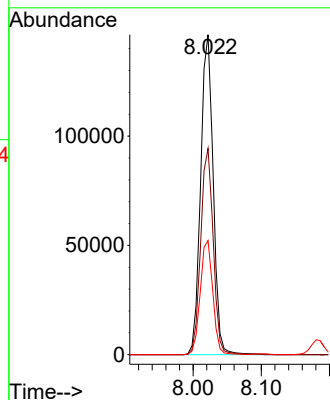
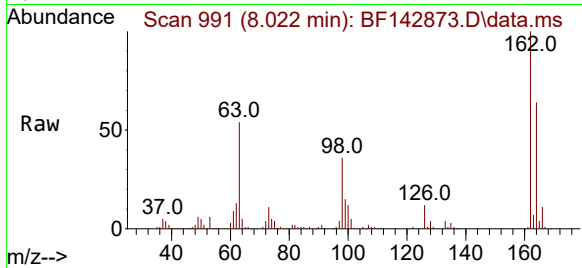
98 35.7 15.4 55.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.689 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

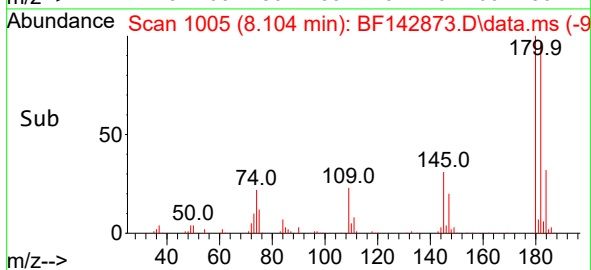
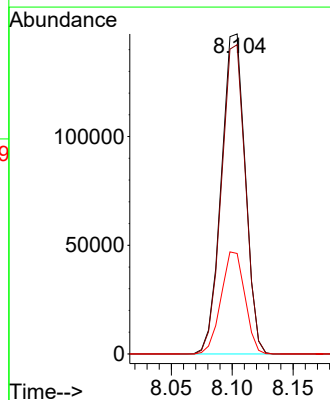
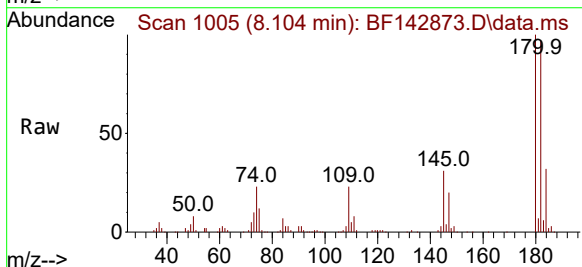
Tgt Ion:180 Resp: 201446

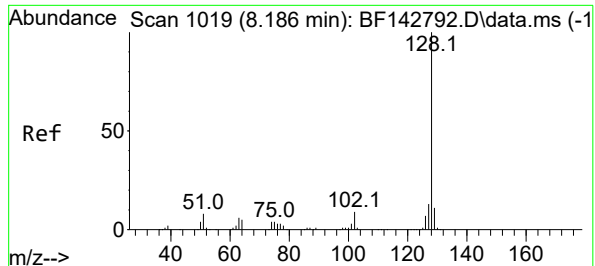
Ion Ratio Lower Upper

180 100

182 96.7 76.4 114.6

145 31.4 25.8 38.8





#31

Naphthalene

Concen: 43.117 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:128 Resp: 64154

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

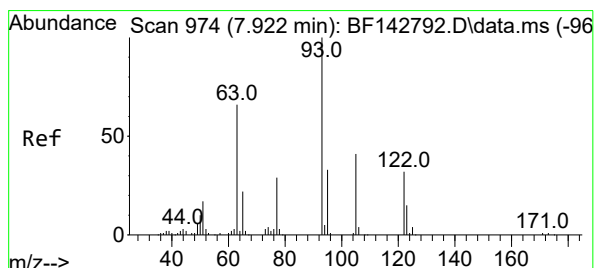
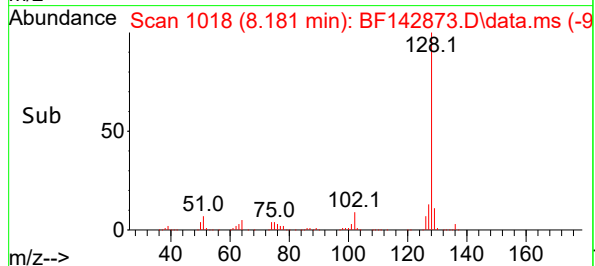
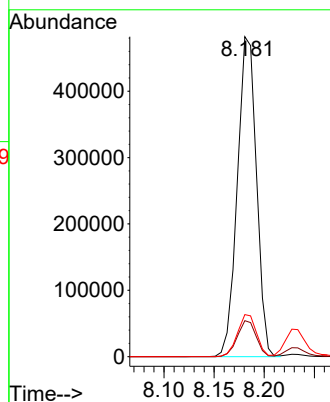
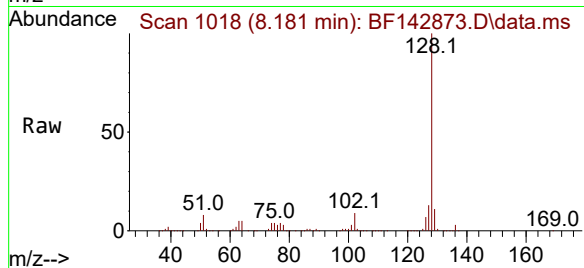
127 13.2 10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#32

Benzoic acid

Concen: 16.661 ng m

RT: 7.898 min Scan# 970

Delta R.T. -0.024 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

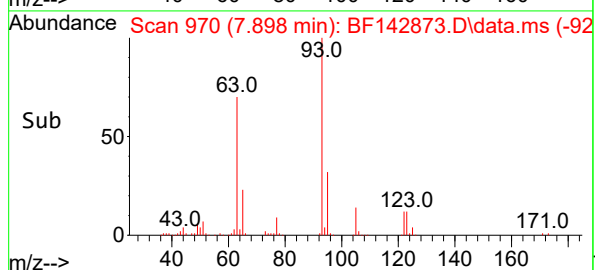
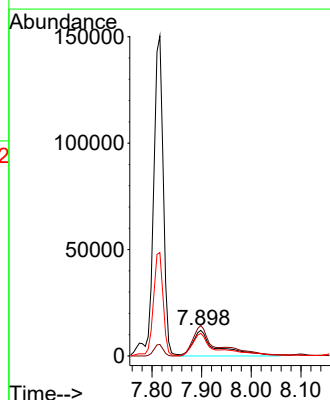
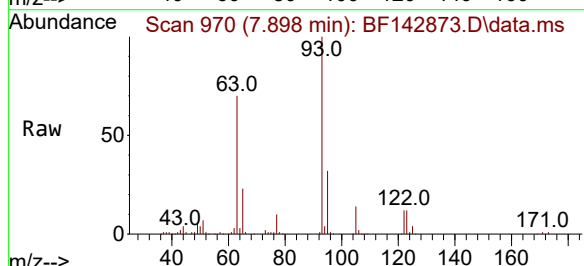
Tgt Ion:122 Resp: 40191

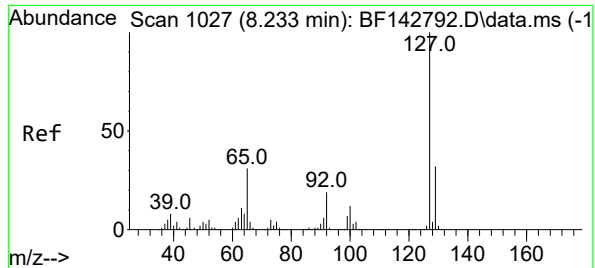
Ion Ratio Lower Upper

122 100

105 118.2 104.7 144.7

77 88.2 70.2 110.2





#33

4-Chloroaniline

Concen: 10.778 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:127 Resp: 65208

Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 30.2 24.6 36.8

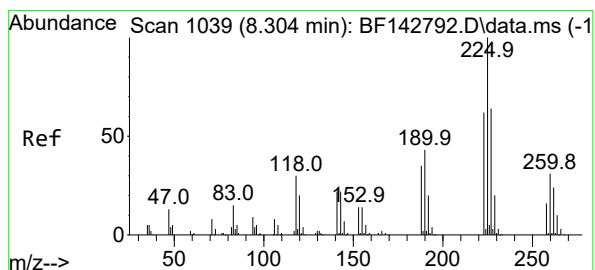
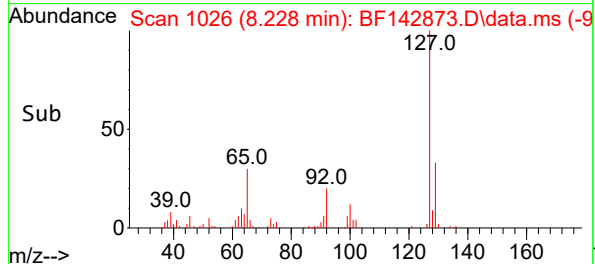
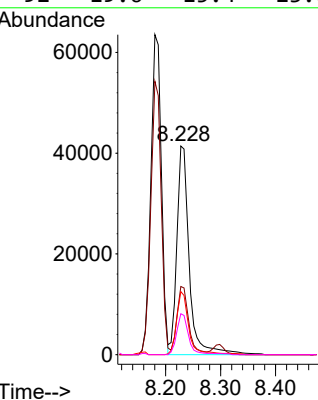
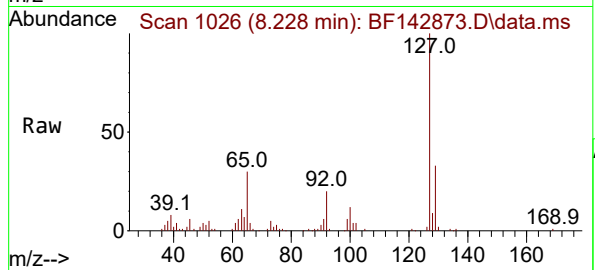
92 19.6 15.4 23.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#34

Hexachlorobutadiene

Concen: 42.780 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

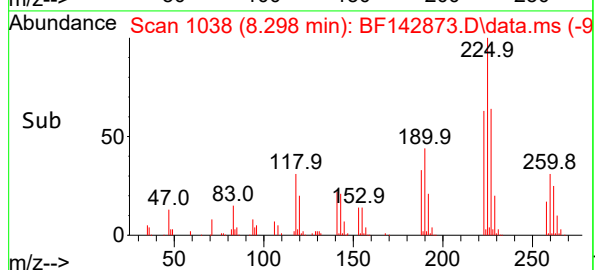
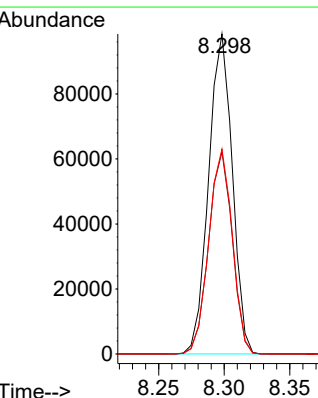
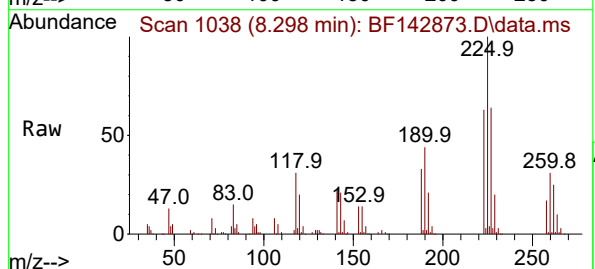
Tgt Ion:225 Resp: 123483

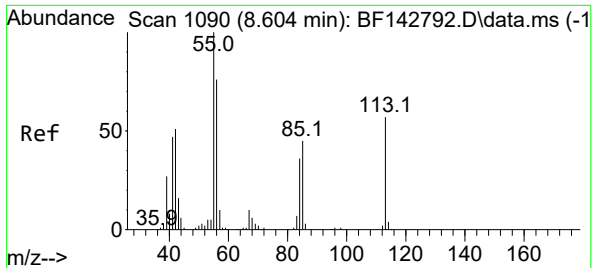
Ion Ratio Lower Upper

225 100

223 63.1 49.9 74.9

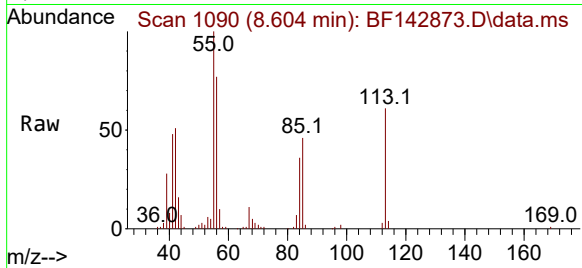
227 64.0 51.4 77.0





#35
 Caprolactam
 Concen: 48.511 ng m
 RT: 8.604 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142873.D
 Acq: 26 Jun 2025 17:36

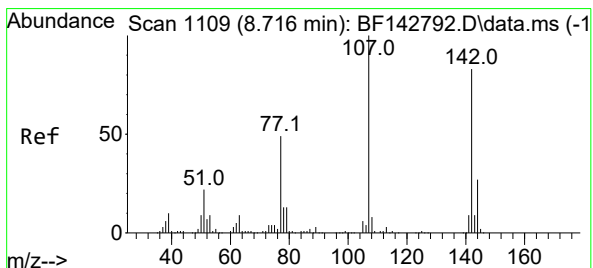
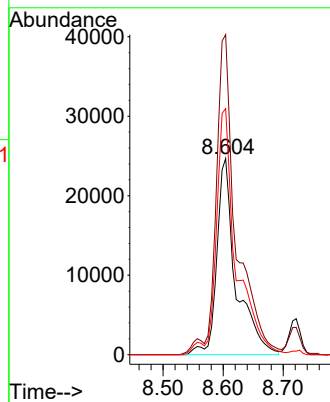
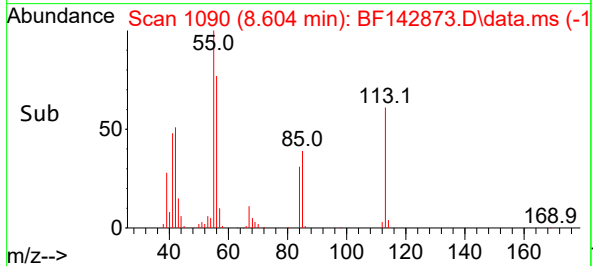
Instrument :
 BNA_F
 ClientSampleId :
 MH-G/HMSD



Tgt Ion:113 Resp: 54934
 Ion Ratio Lower Upper
 113 100
 55 163.1 154.4 194.4
 56 125.4 112.1 152.1

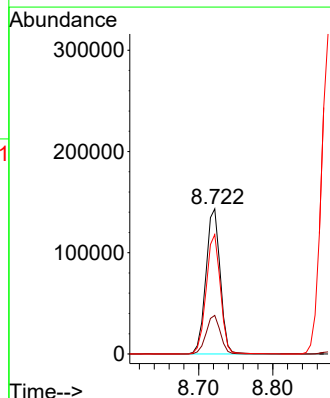
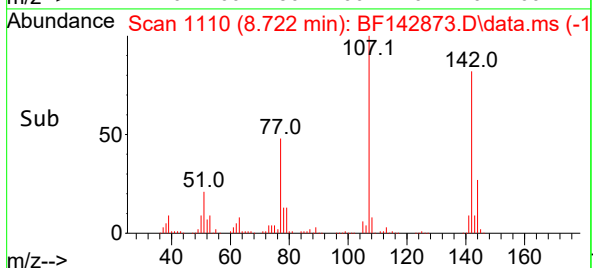
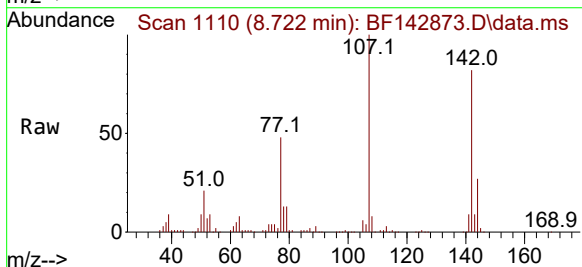
Manual Integrations
 APPROVED

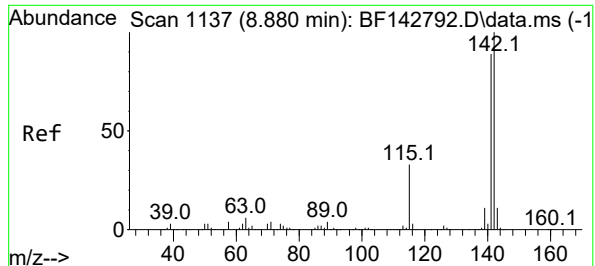
Reviewed By :Rahul Chavli 06/27/2025
 Supervised By :Jagrut Upadhyay 06/27/2025



#36
 4-Chloro-3-methylphenol
 Concen: 45.242 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: BF142873.D
 Acq: 26 Jun 2025 17:36

Tgt Ion:107 Resp: 192957
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.3 31.9
 142 82.3 66.6 100.0





#37
2-Methylnaphthalene
Concen: 43.374 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

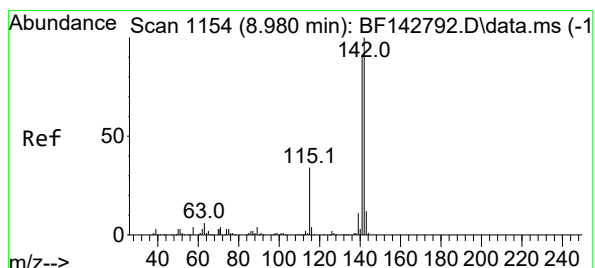
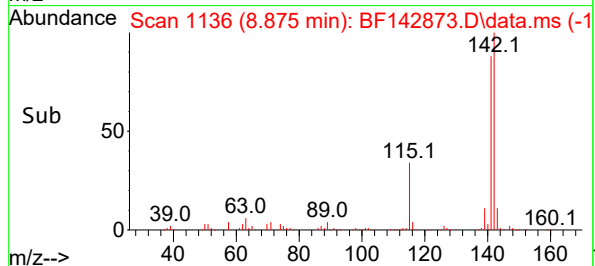
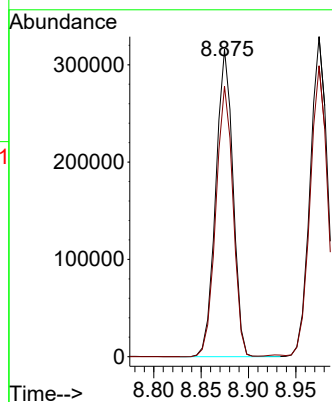
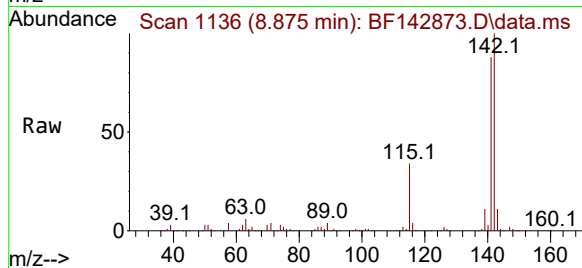
MH-G/HMSD

Tgt Ion:142 Resp: 400102
Ion Ratio Lower Upper
142 100
141 88.0 70.9 106.3

Manual Integrations

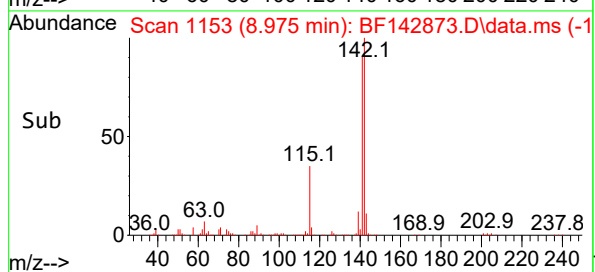
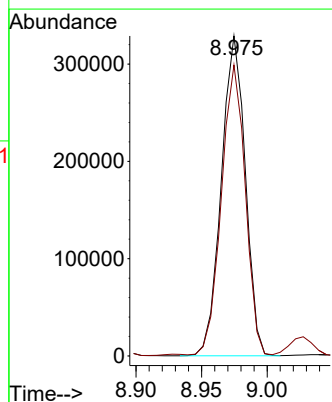
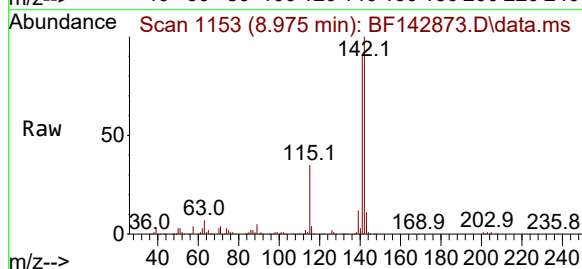
APPROVED

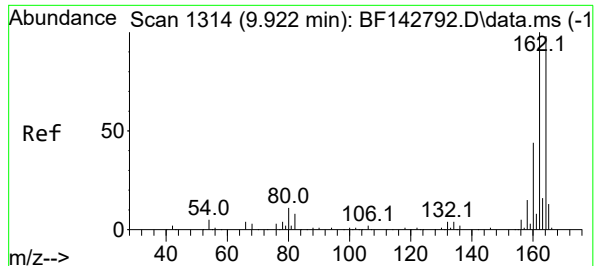
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#38
1-Methylnaphthalene
Concen: 43.728 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Tgt Ion:142 Resp: 417561
Ion Ratio Lower Upper
142 100
141 90.9 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF142873.D

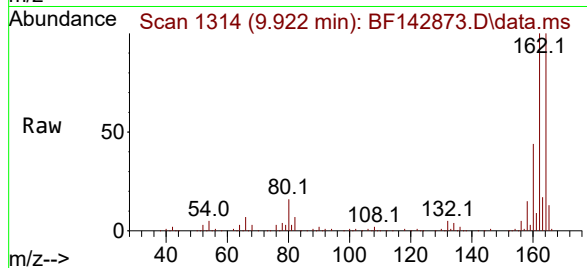
Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD



Tgt Ion:164 Resp: 162680

Ion Ratio Lower Upper

164 100

162 100.3 81.8 122.8

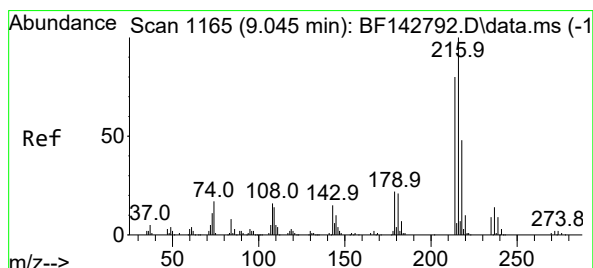
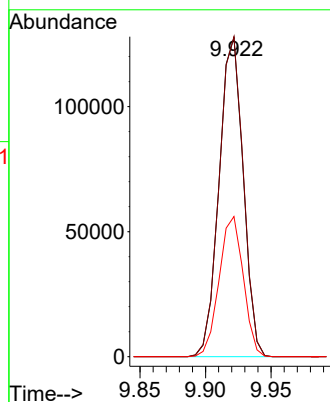
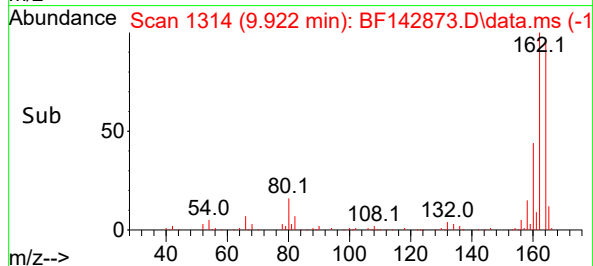
160 43.9 36.0 54.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.465 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Tgt Ion:216 Resp: 203848

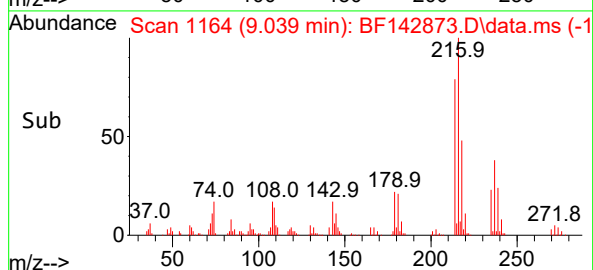
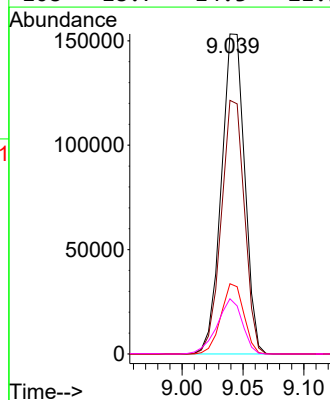
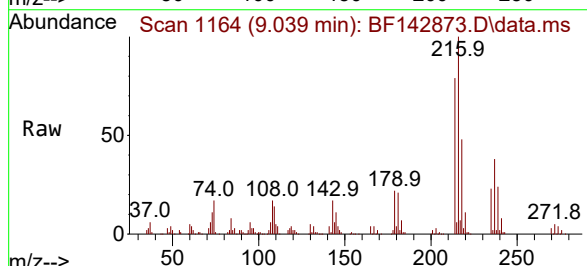
Ion Ratio Lower Upper

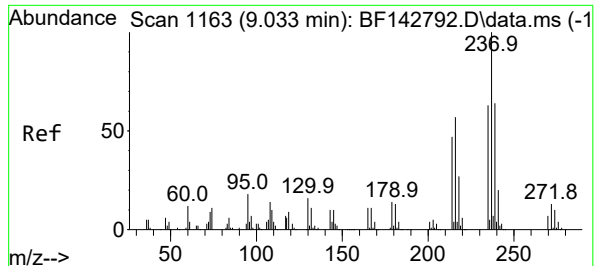
216 100

214 78.7 63.7 95.5

179 21.6 17.6 26.4

108 18.7 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 77.801 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:237 Resp: 21193

Ion Ratio Lower Upper

237 100

235 63.0 43.4 83.4

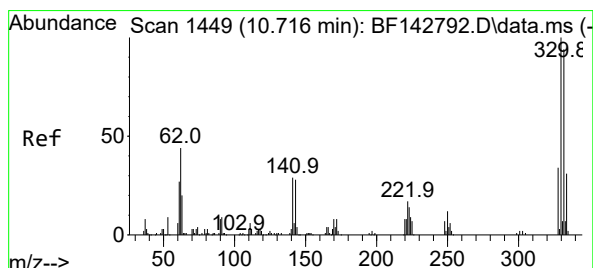
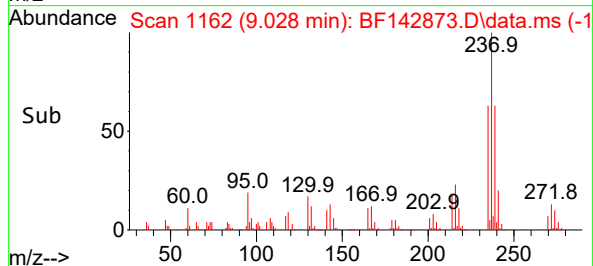
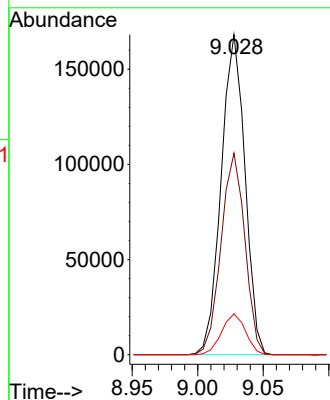
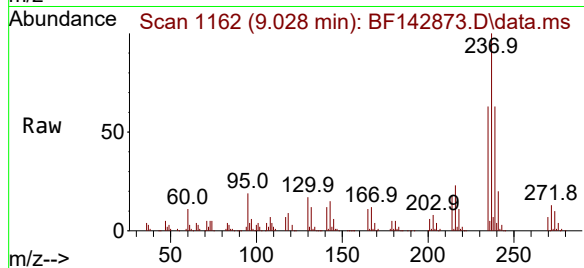
272 12.8 0.0 32.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#42

2,4,6-Tribromophenol

Concen: 70.731 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

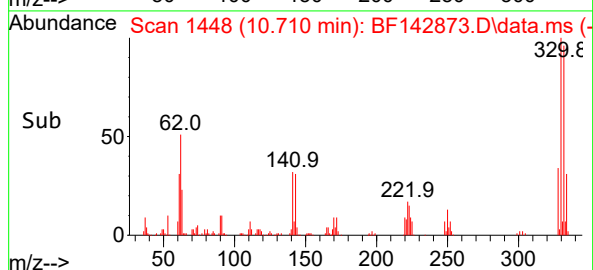
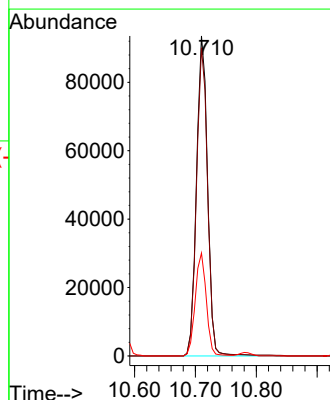
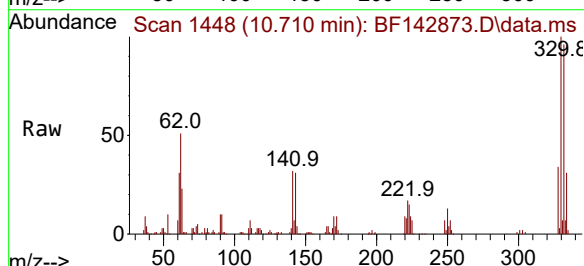
Tgt Ion:330 Resp: 118414

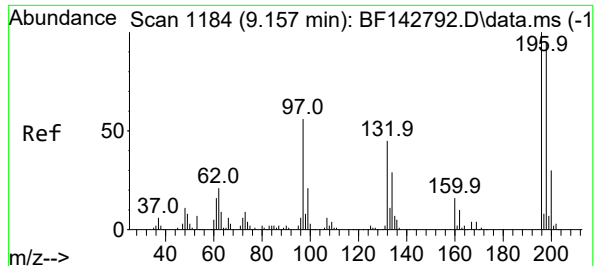
Ion Ratio Lower Upper

330 100

332 95.6 75.0 112.6

141 32.0 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 41.378 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:196 Resp: 12943

Ion Ratio Lower Upper

196 100

198 97.4 76.2 114.2

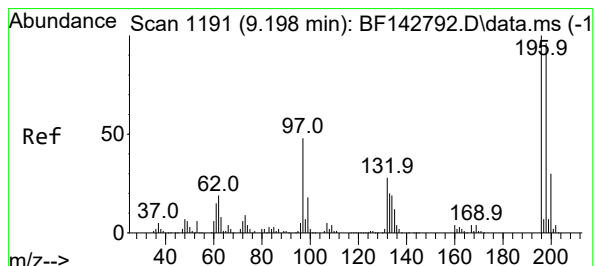
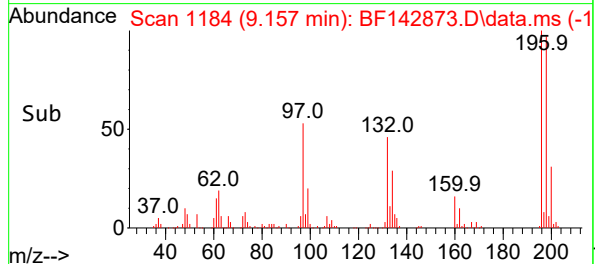
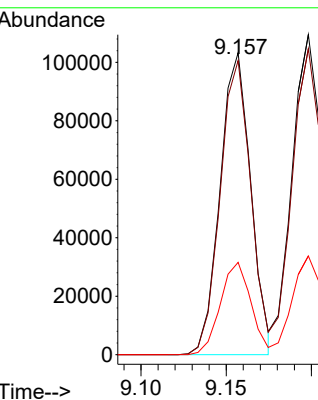
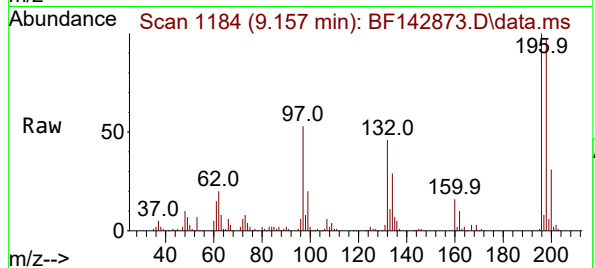
200 30.6 24.1 36.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#44

2,4,5-Trichlorophenol

Concen: 42.476 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Tgt Ion:196 Resp: 139865

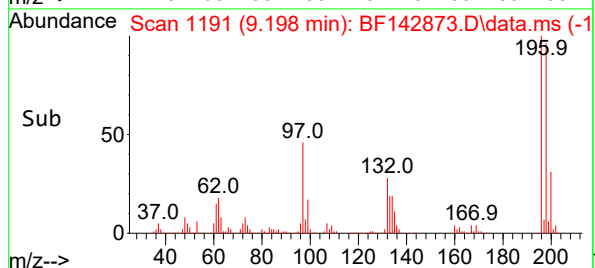
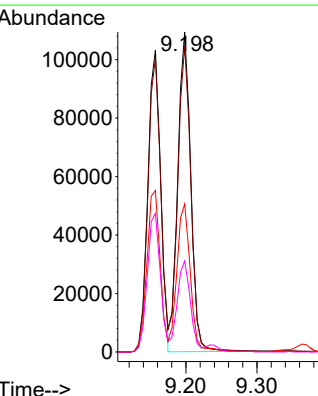
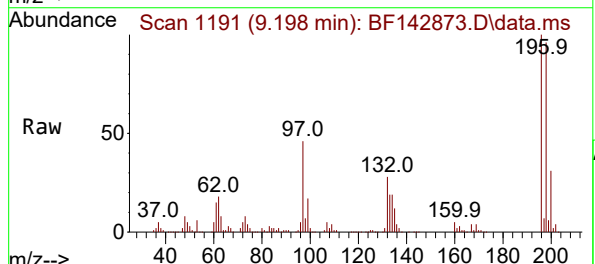
Ion Ratio Lower Upper

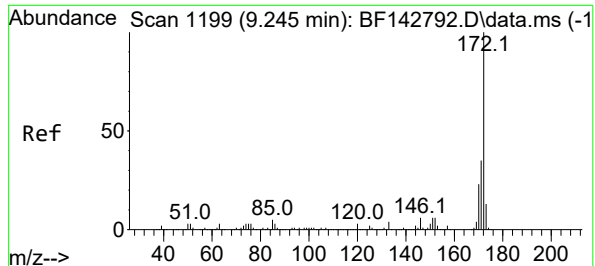
196 100

198 95.6 76.6 115.0

97 46.3 38.2 57.2

132 28.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 46.078 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:172 Resp: 570630

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

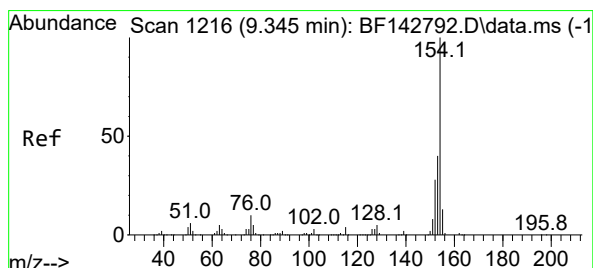
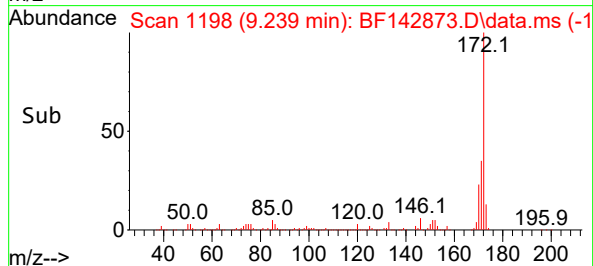
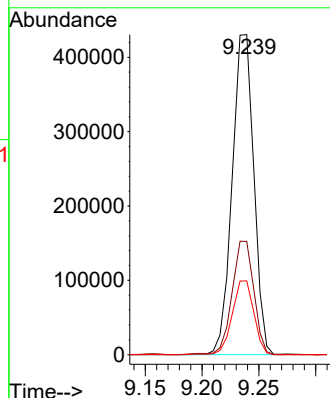
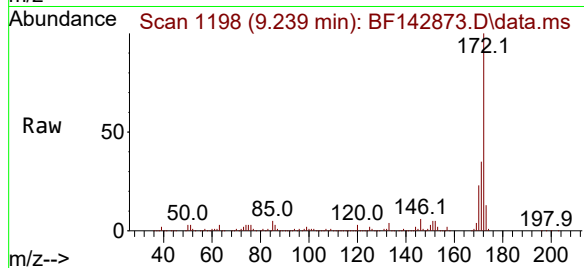
170 23.1 18.5 27.7

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#46

1,1'-Biphenyl

Concen: 43.120 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

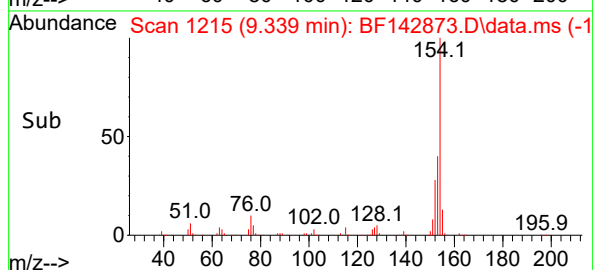
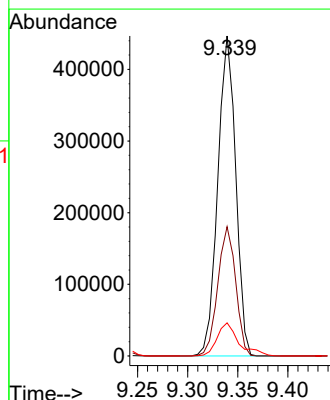
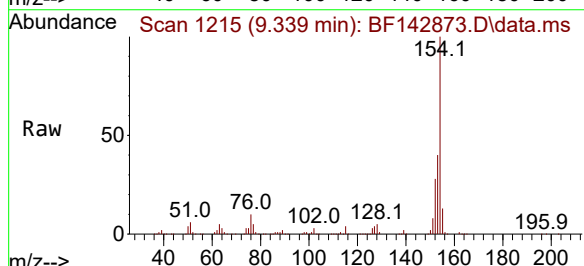
Tgt Ion:154 Resp: 554149

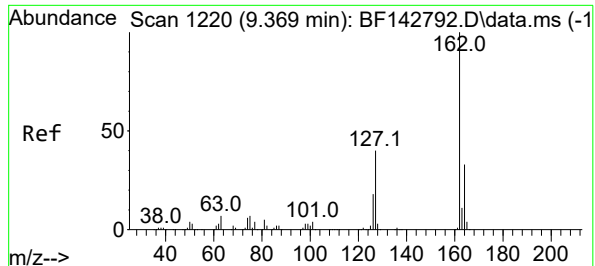
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 10.3 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.326 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:162 Resp: 40819

Ion Ratio Lower Upper

162 100

127 41.1 32.2 48.2

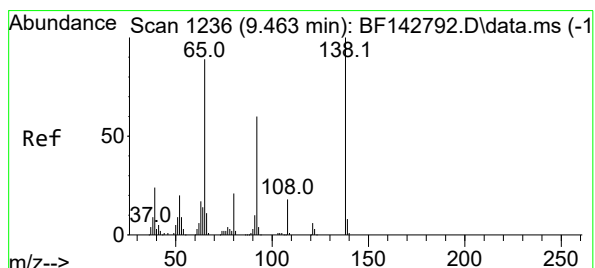
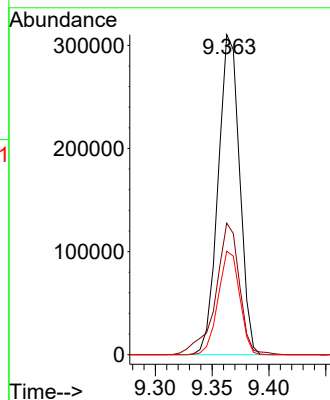
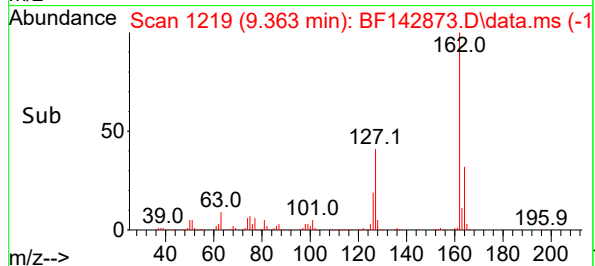
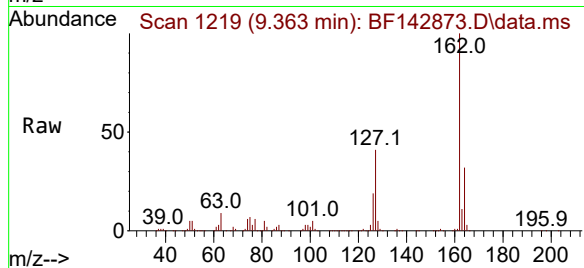
164 32.3 26.1 39.1

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#48

2-Nitroaniline

Concen: 45.716 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

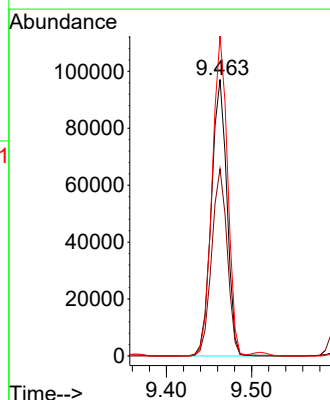
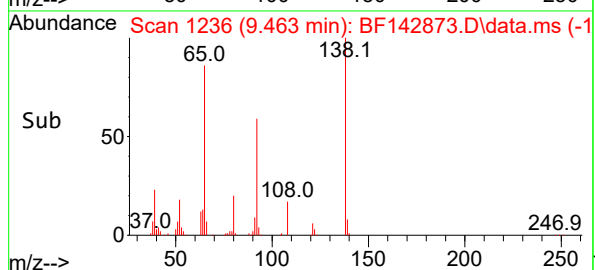
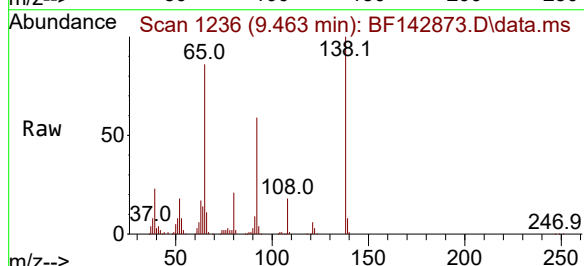
Tgt Ion: 65 Resp: 123605

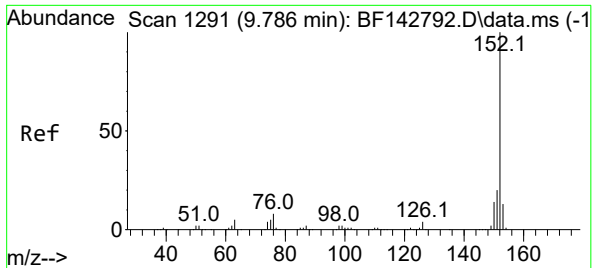
Ion Ratio Lower Upper

65 100

92 67.7 53.8 80.6

138 115.7 89.6 134.4





#49

Acenaphthylene

Concen: 42.823 ng

RT: 9.780 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:152 Resp: 679858

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

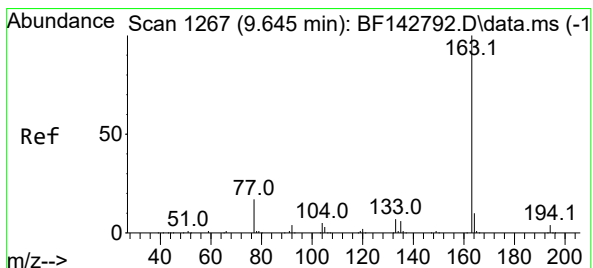
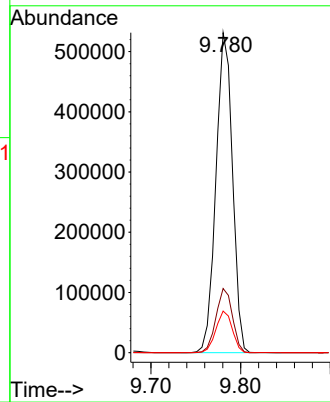
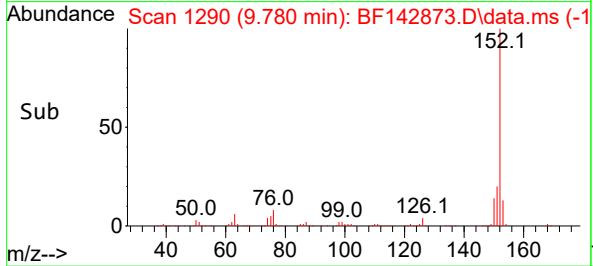
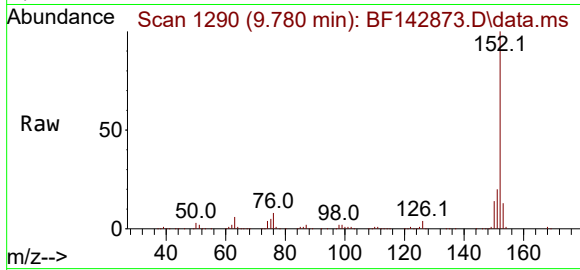
153 13.0 10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#50

Dimethylphthalate

Concen: 45.255 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

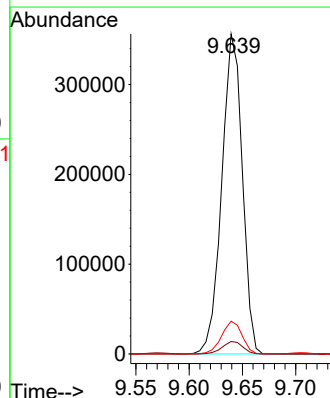
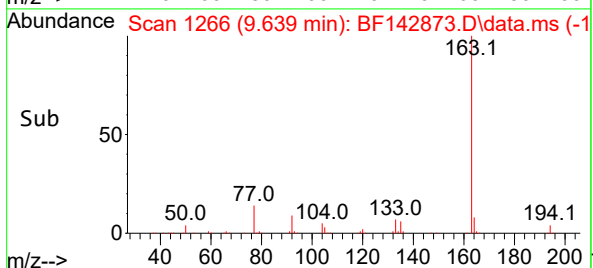
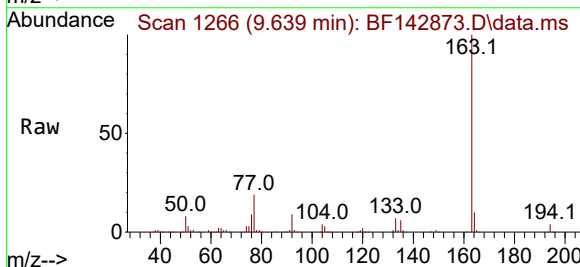
Tgt Ion:163 Resp: 476574

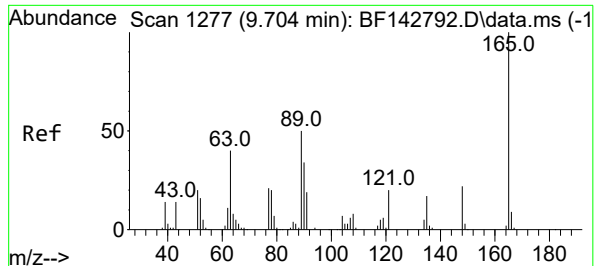
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

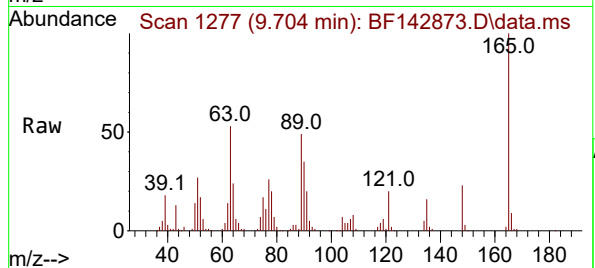
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.665 ng
RT: 9.704 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

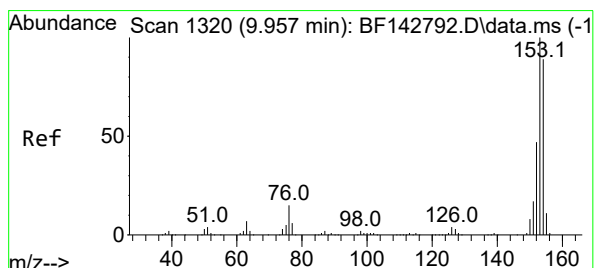
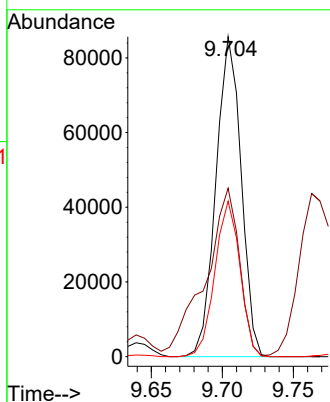
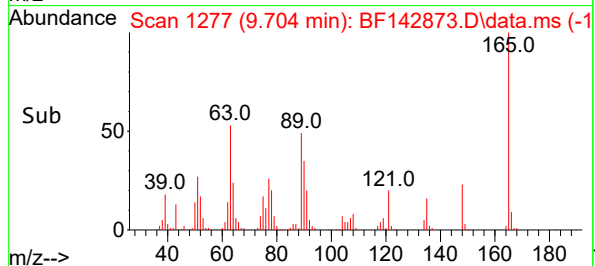
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



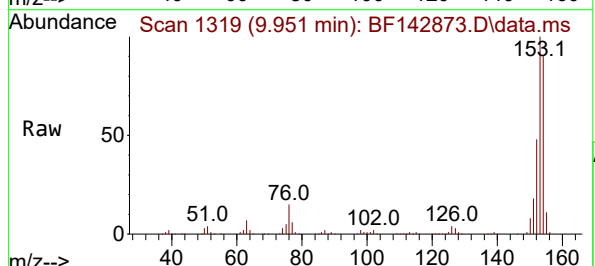
Tgt Ion:165 Resp: 105600
Ion Ratio Lower Upper
165 100
63 52.7 44.2 66.4
89 48.6 39.8 59.8

Manual Integrations
APPROVED

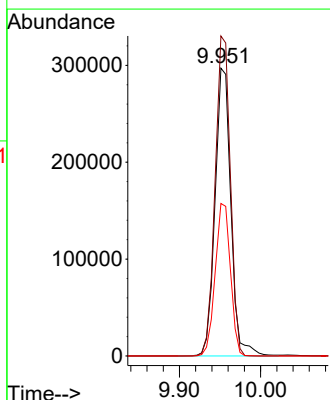
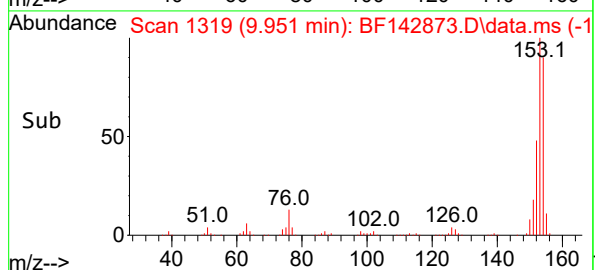
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

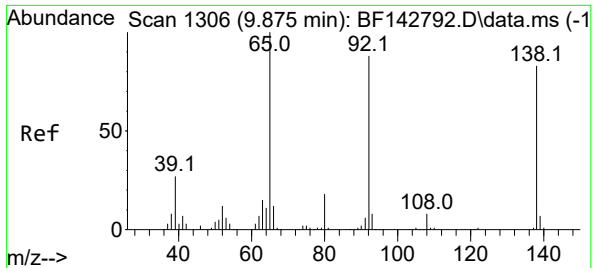


#52
Acenaphthene
Concen: 41.583 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36



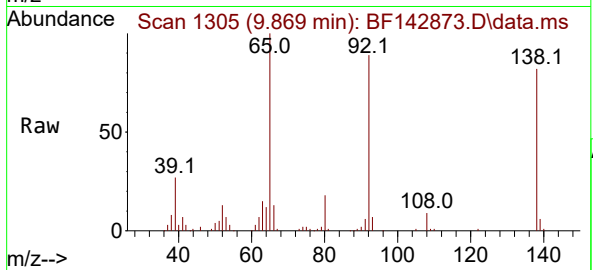
Tgt Ion:154 Resp: 402790
Ion Ratio Lower Upper
154 100
153 111.2 90.0 135.0
152 53.0 41.9 62.9





#53
3-Nitroaniline
Concen: 21.957 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

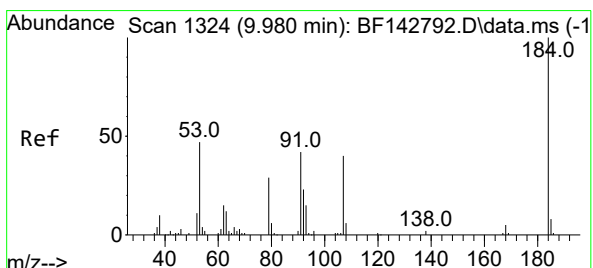
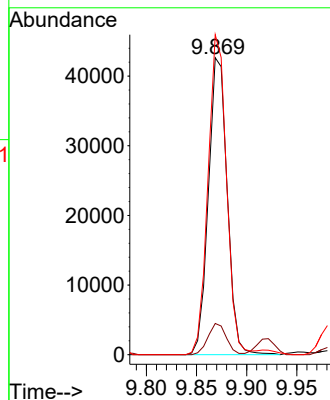
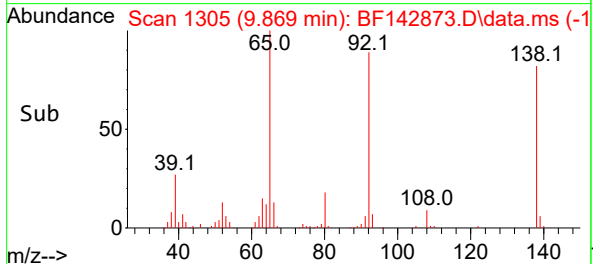
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



Tgt Ion:138 Resp: 5590
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 107.8 85.1 127.7

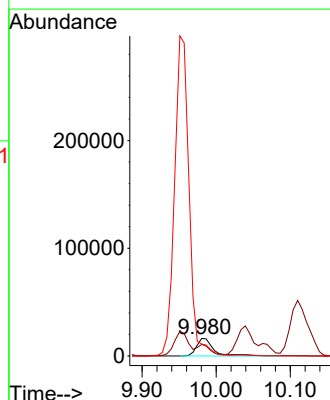
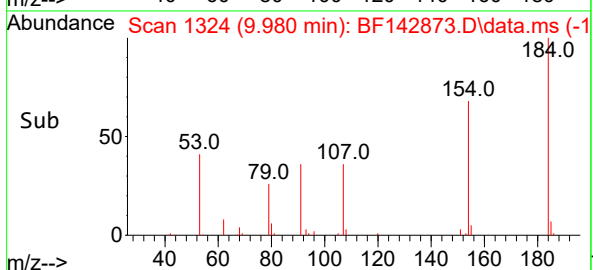
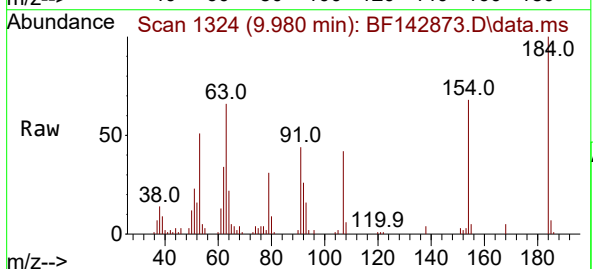
Manual Integrations
APPROVED

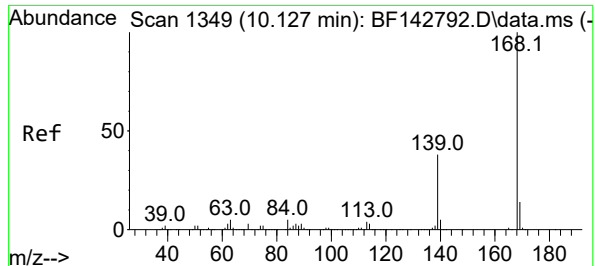
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#54
2,4-Dinitrophenol
Concen: 22.555 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

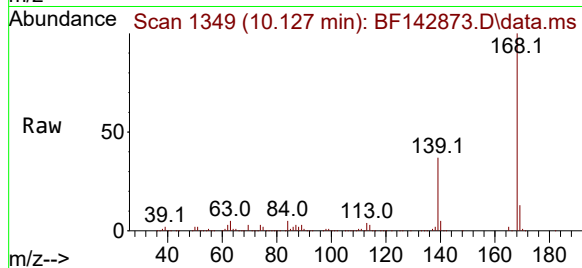
Tgt Ion:184 Resp: 26118
Ion Ratio Lower Upper
184 100
63 65.8 50.6 75.8
154 68.5 51.8 77.8





#55
Dibenzenofuran
Concen: 42.842 ng
RT: 10.127 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

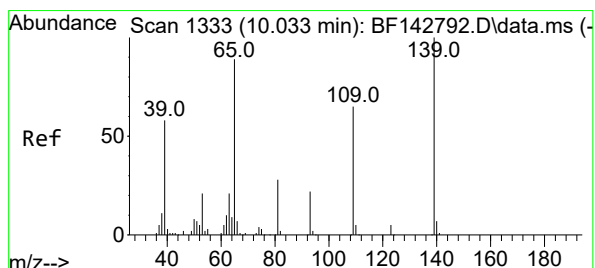
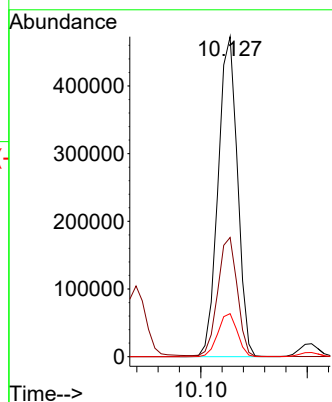
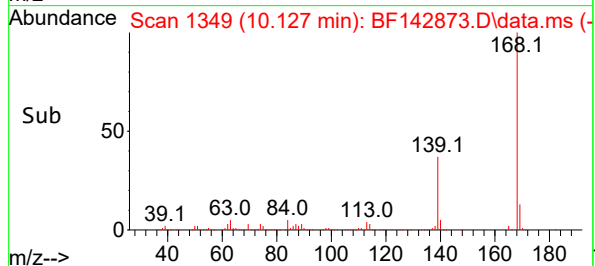
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



Tgt Ion:168 Resp: 59507
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.4
169 13.4 10.8 16.2

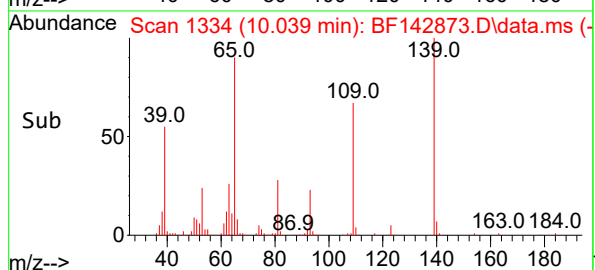
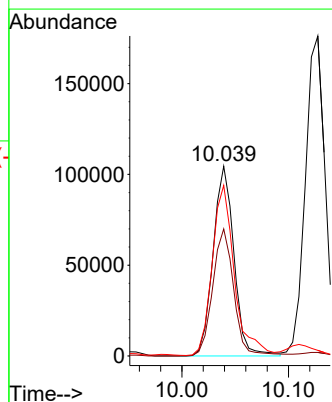
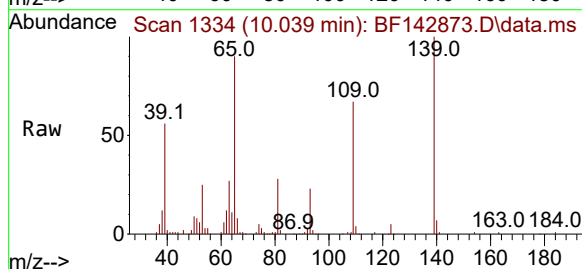
Manual Integrations
APPROVED

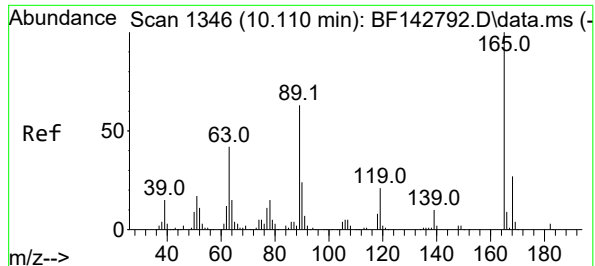
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#56
4-Nitrophenol
Concen: 81.677 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Tgt Ion:139 Resp: 142376
Ion Ratio Lower Upper
139 100
109 67.0 44.7 84.7
65 89.9 69.8 109.8





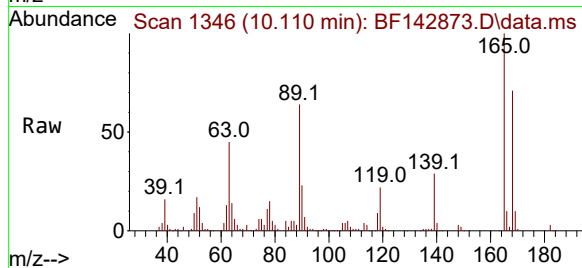
#57
2,4-Dinitrotoluene
Concen: 45.868 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

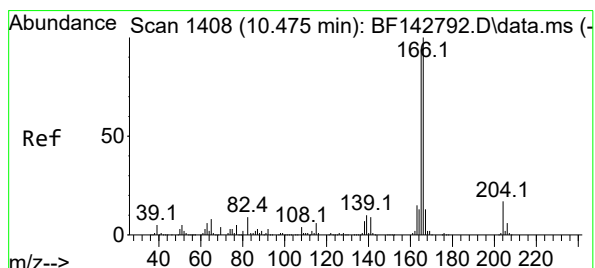
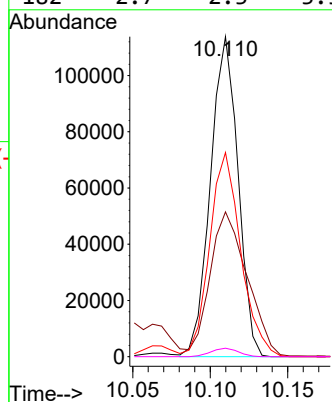
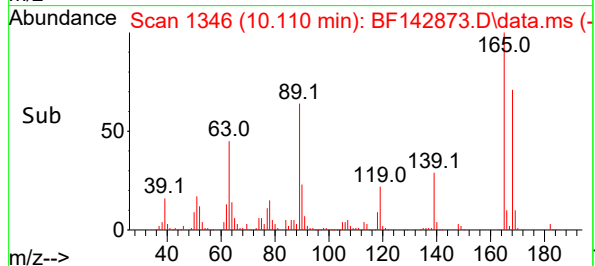


Tgt Ion:165 Resp: 140900
Ion Ratio Lower Upper
165 100
63 45.3 33.9 50.9
89 63.8 50.6 75.8
182 2.7 2.3 3.5

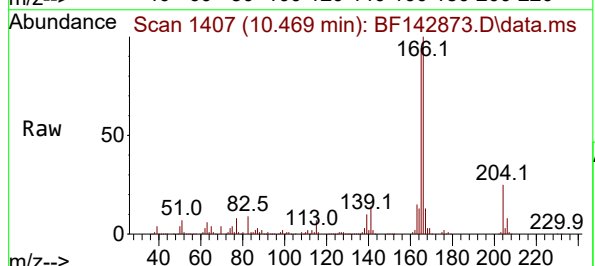
Manual Integrations

APPROVED

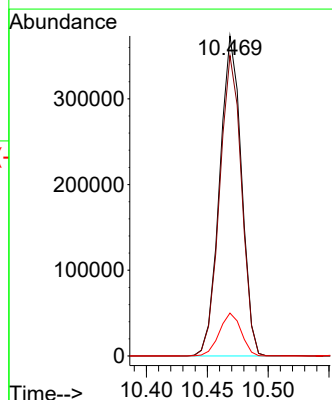
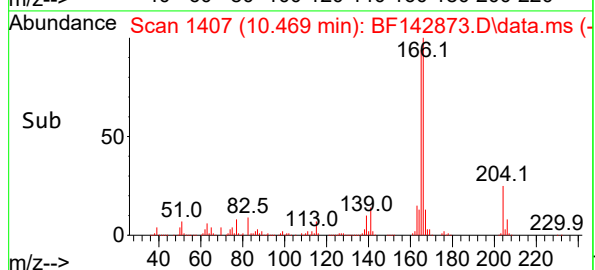
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

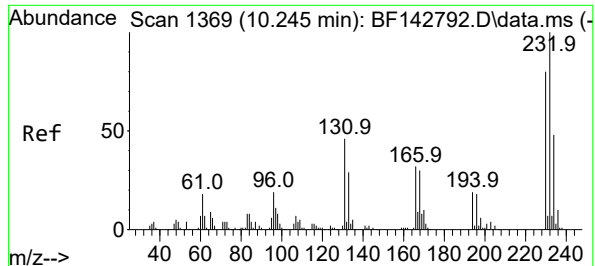


#58
Fluorene
Concen: 42.906 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36



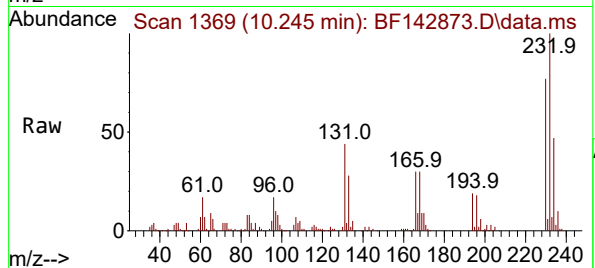
Tgt Ion:166 Resp: 465440
Ion Ratio Lower Upper
166 100
165 93.9 75.2 112.8
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.382 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

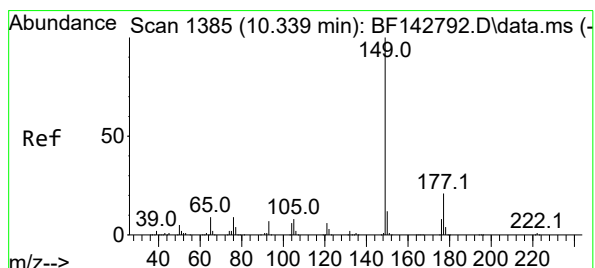
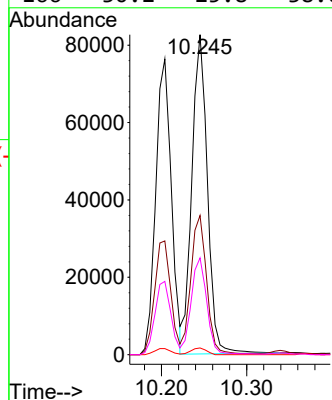
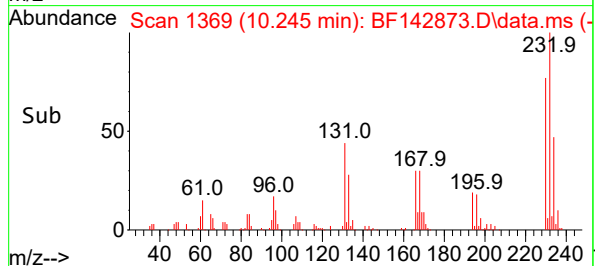
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



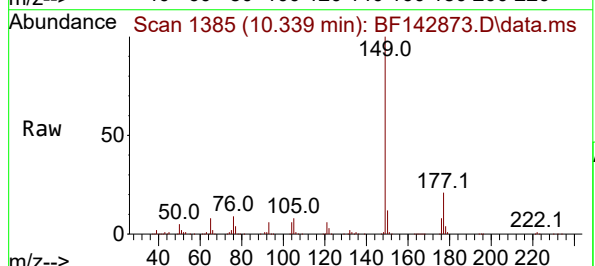
Tgt Ion:232 Resp: 104521
Ion Ratio Lower Upper
232 100
131 44.5 37.6 56.4
130 2.1 1.7 2.5
166 30.2 25.8 38.6

Manual Integrations
APPROVED

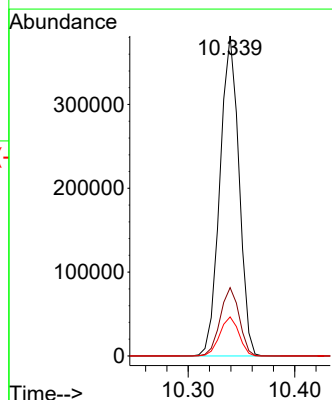
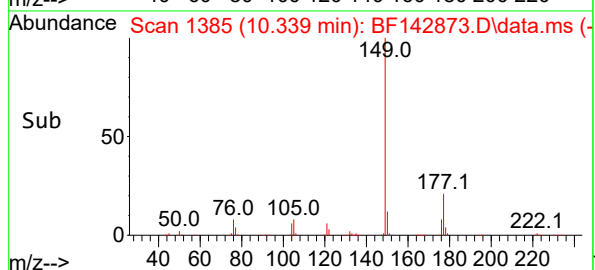
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

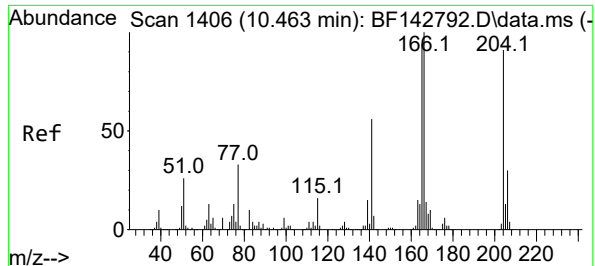


#60
Diethylphthalate
Concen: 45.917 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36



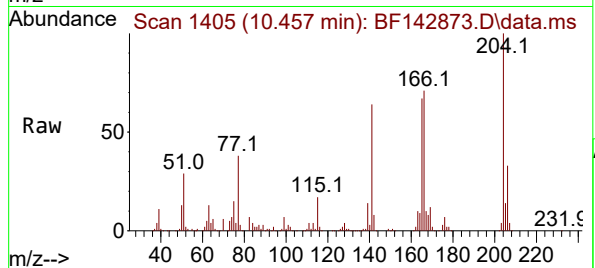
Tgt Ion:149 Resp: 474099
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 42.841 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

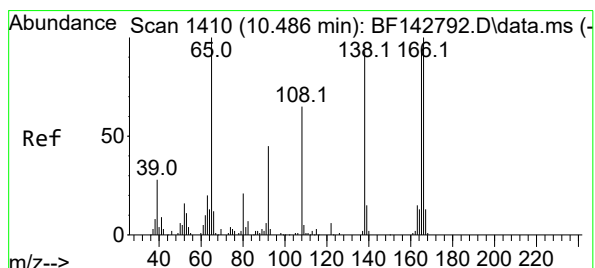
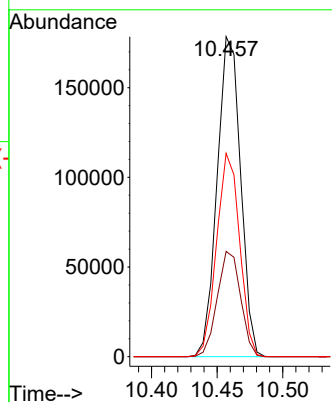
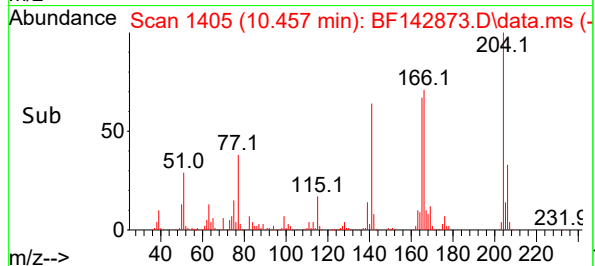
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



Tgt Ion:204 Resp: 22176
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 63.6 49.1 73.7

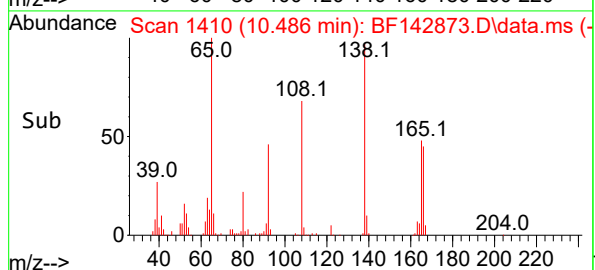
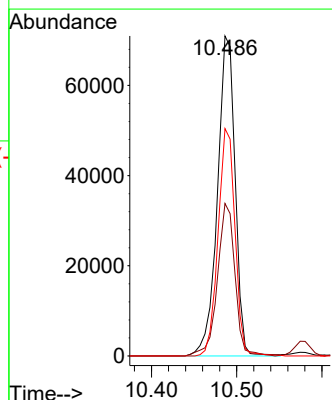
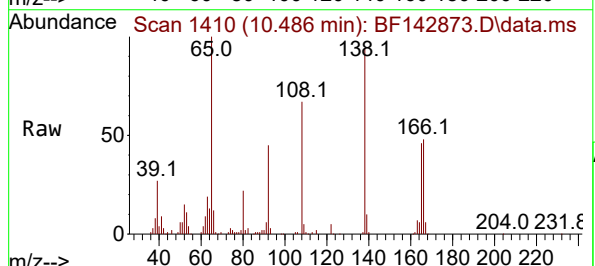
Manual Integrations
APPROVED

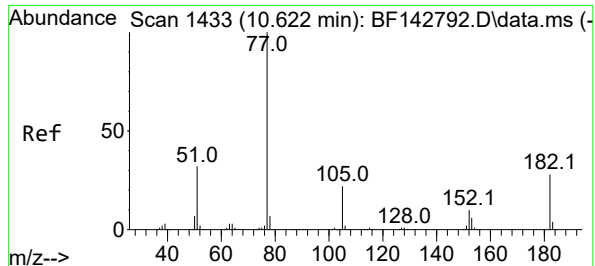
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#62
4-Nitroaniline
Concen: 44.037 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Tgt Ion:138 Resp: 102550
Ion Ratio Lower Upper
138 100
92 47.6 28.4 68.4
108 71.1 50.2 90.2





#63

Azobenzene

Concen: 47.647 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF142873.D

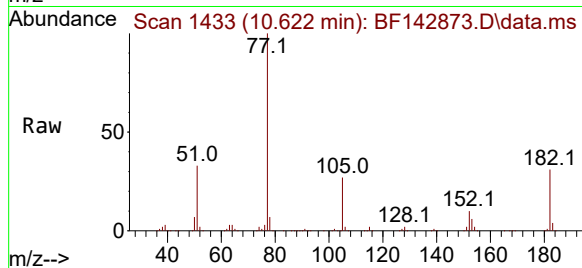
Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD



Tgt Ion: 77 Resp: 43969

Ion Ratio Lower Upper

77 100

182 31.5 7.7 47.7

105 27.2 1.9 41.9

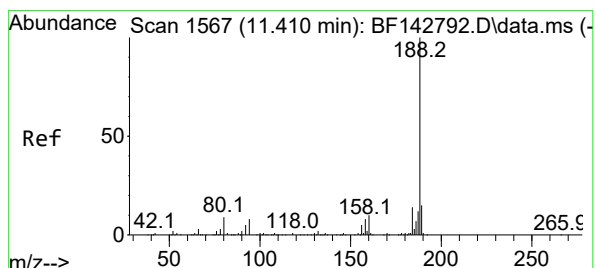
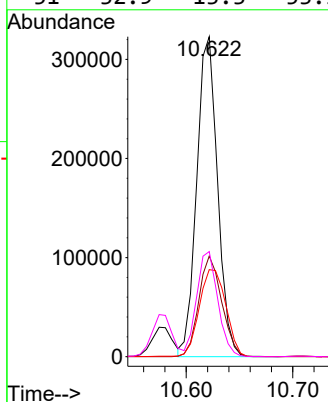
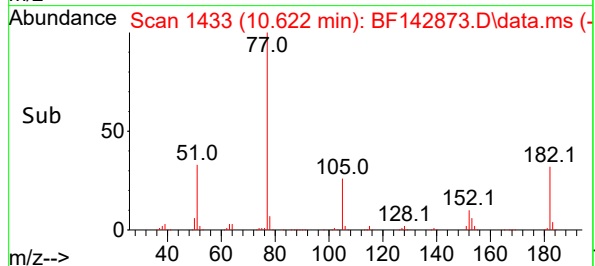
51 32.9 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

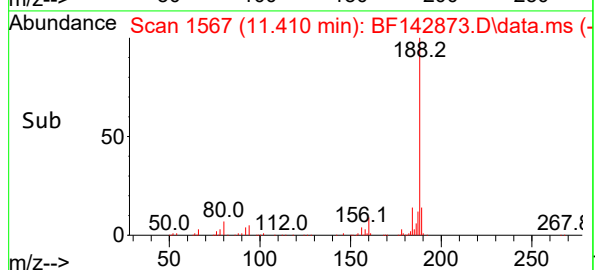
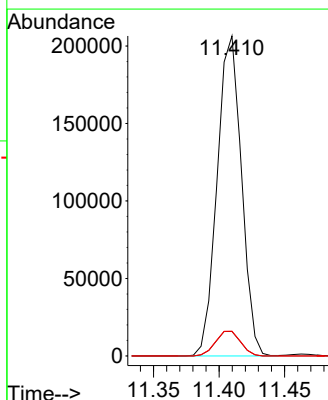
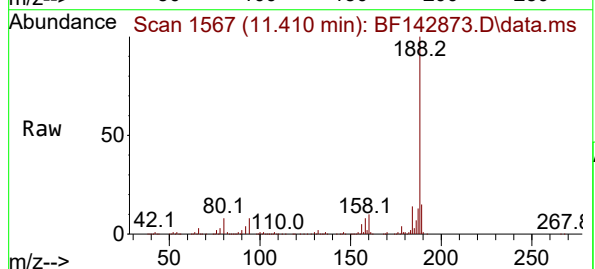
Tgt Ion:188 Resp: 266635

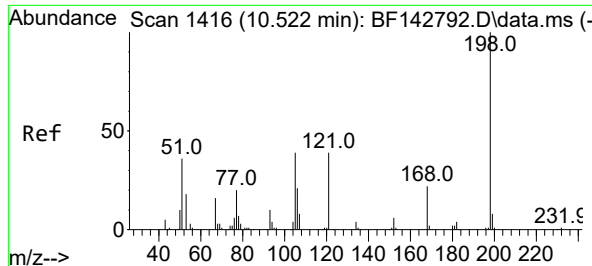
Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

80 7.8 6.9 10.3





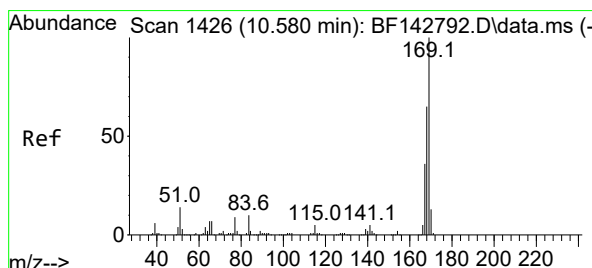
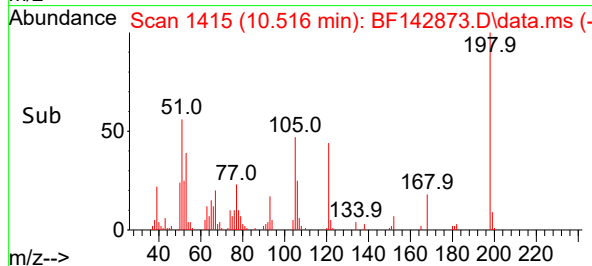
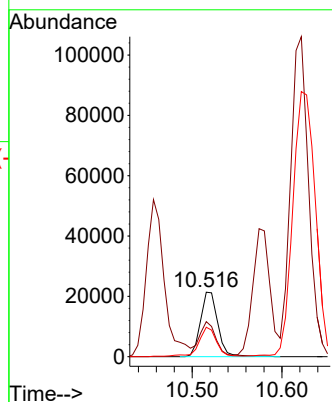
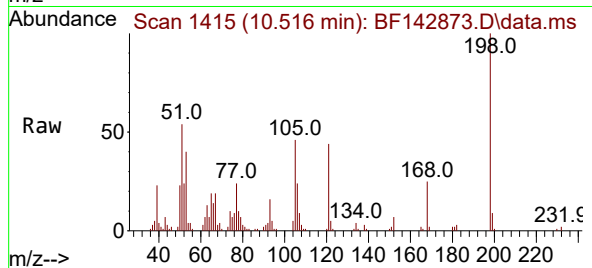
#65
4,6-Dinitro-2-methylphenol
Concen: 17.767 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD

Tgt Ion:198 Resp: 28654
Ion Ratio Lower Upper
198 100
51 54.4 25.4 65.4
105 45.6 20.4 60.4

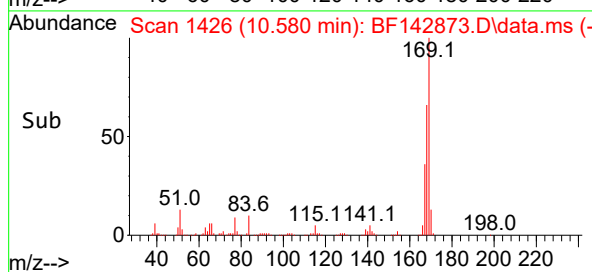
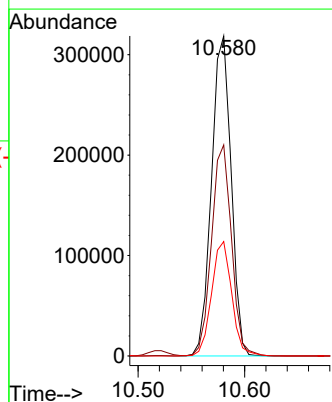
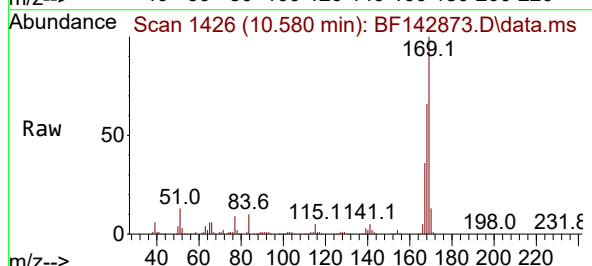
Manual Integrations
APPROVED

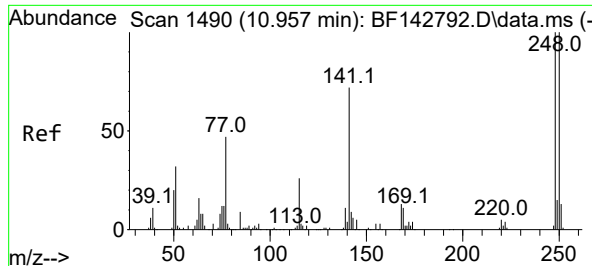
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#66
n-Nitrosodiphenylamine
Concen: 43.980 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

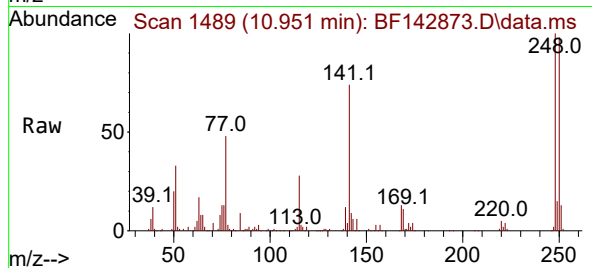
Tgt Ion:169 Resp: 406412
Ion Ratio Lower Upper
169 100
168 66.0 51.9 77.9
167 35.8 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 44.791 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

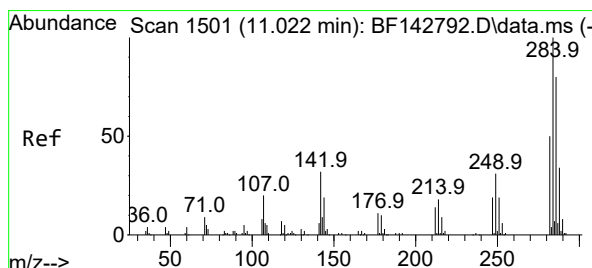
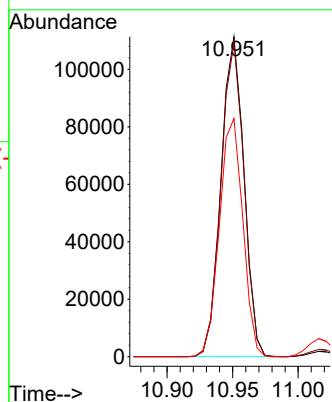
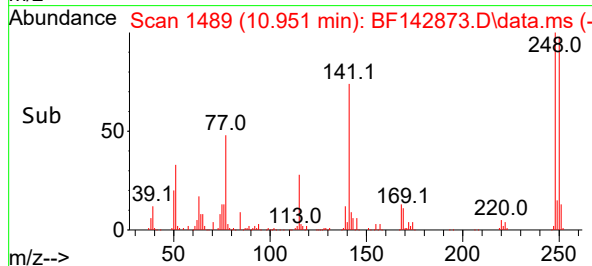
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



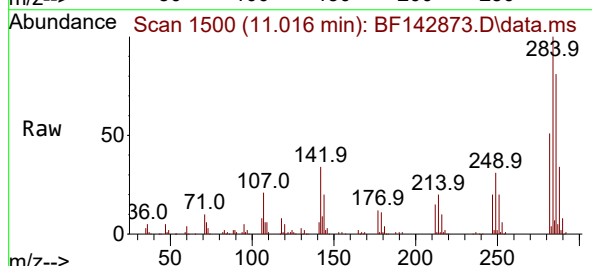
Tgt Ion:248 Resp: 13592
Ion Ratio Lower Upper
248 100
250 98.1 79.8 119.8
141 74.5 57.8 86.6

Manual Integrations
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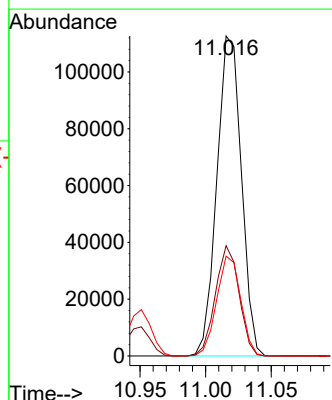
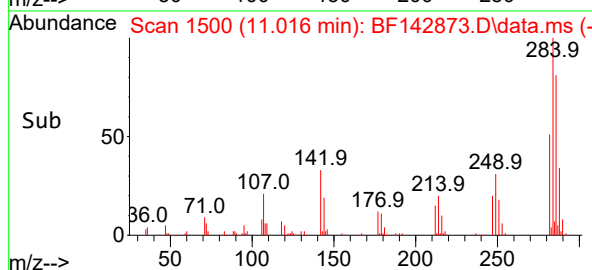
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

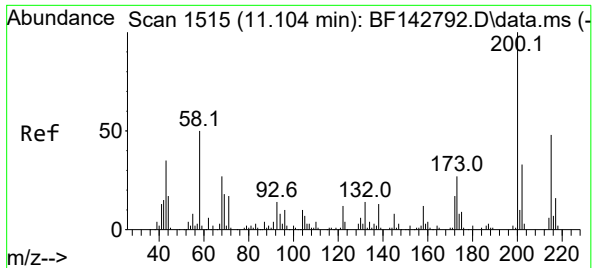


#68
Hexachlorobenzene
Concen: 43.402 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36



Tgt Ion:284 Resp: 146346
Ion Ratio Lower Upper
284 100
142 34.4 25.5 38.3
249 31.2 24.9 37.3





#69

Atrazine

Concen: 52.811 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:200 Resp: 12602

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

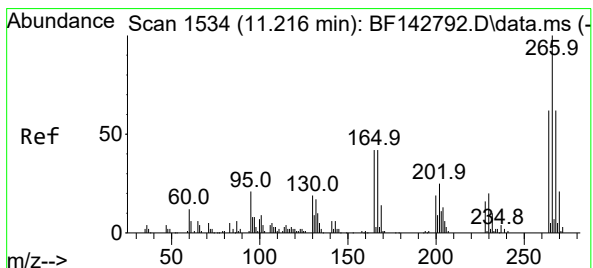
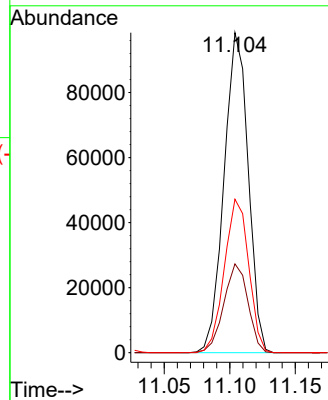
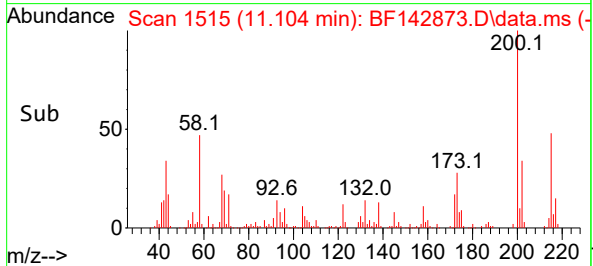
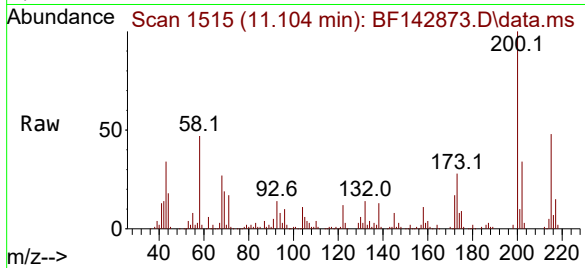
215 47.9 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#70

Pentachlorophenol

Concen: 54.305 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

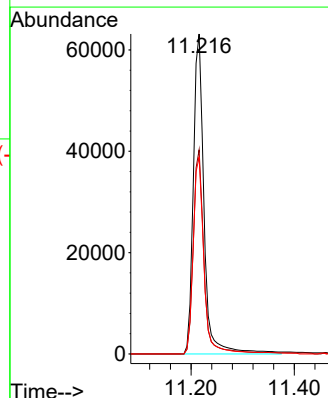
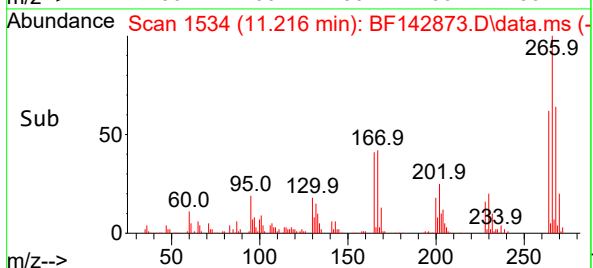
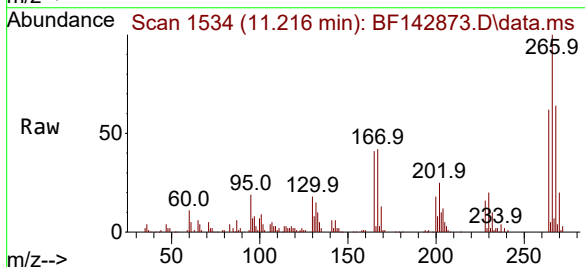
Tgt Ion:266 Resp: 91245

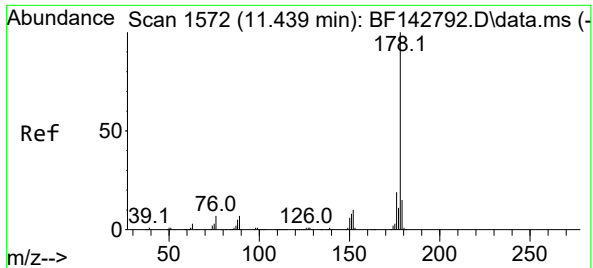
Ion Ratio Lower Upper

266 100

268 63.8 49.8 74.8

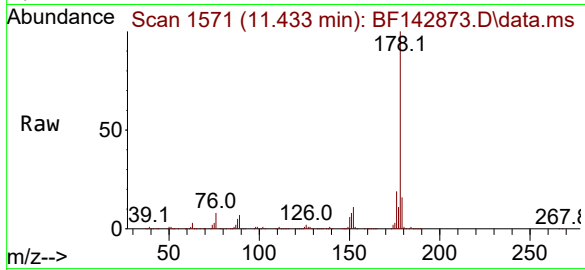
264 61.6 49.9 74.9





#71
Phenanthrene
Concen: 43.347 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

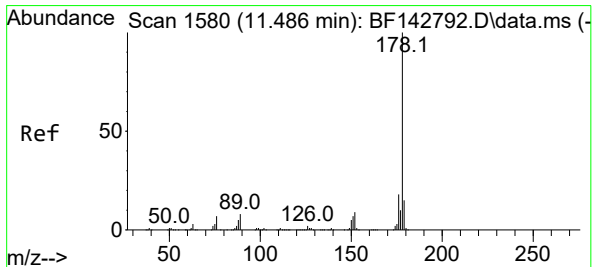
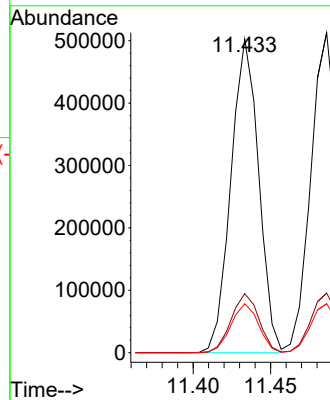
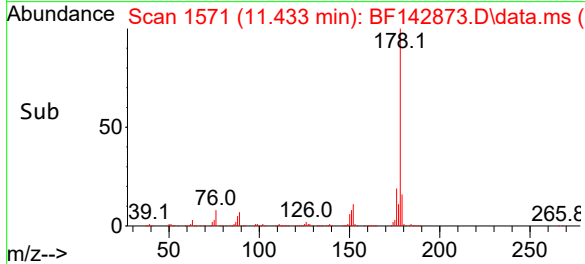
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



Tgt Ion:178 Resp: 62608
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.6 12.0 18.0

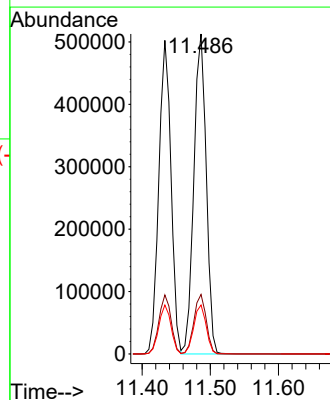
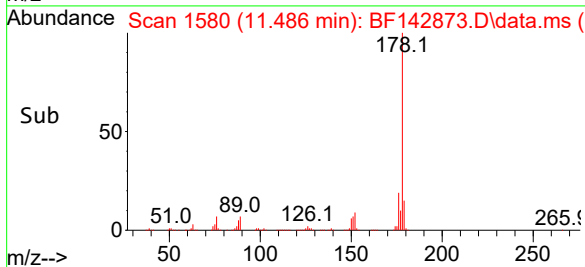
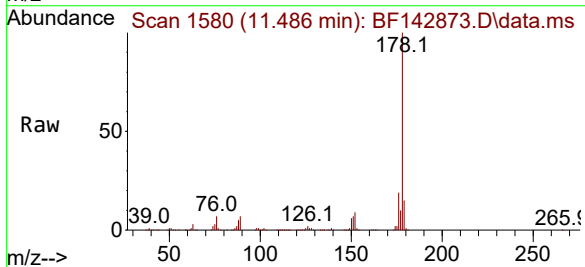
Manual Integrations
APPROVED

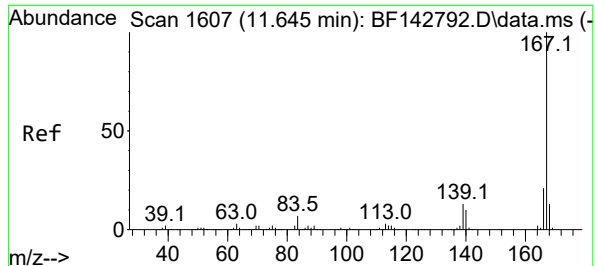
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#72
Anthracene
Concen: 43.337 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

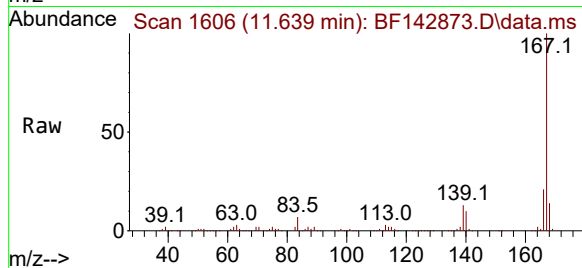
Tgt Ion:178 Resp: 641967
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 43.720 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142873.D
 Acq: 26 Jun 2025 17:36

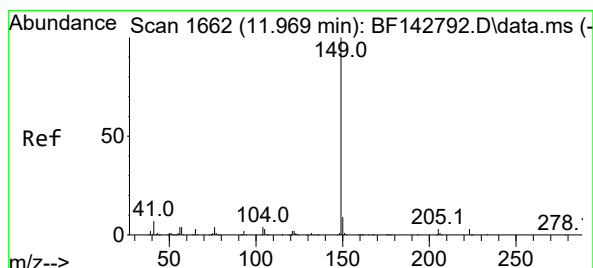
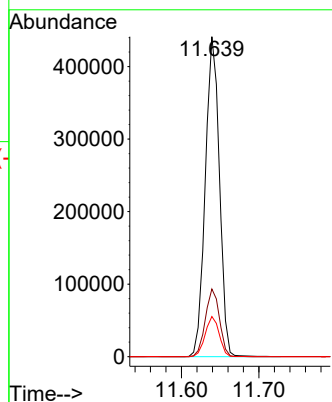
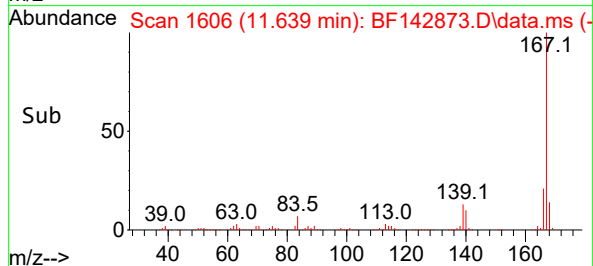
Instrument :
 BNA_F
 ClientSampleId :
 MH-G/HMSD



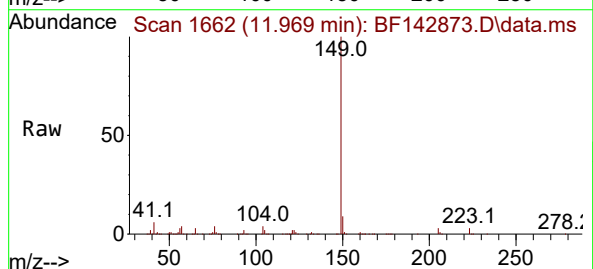
Tgt Ion:167 Resp: 558878
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.5 10.2 15.2

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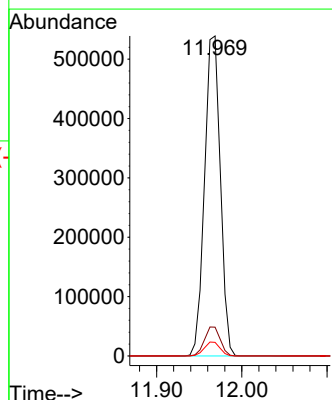
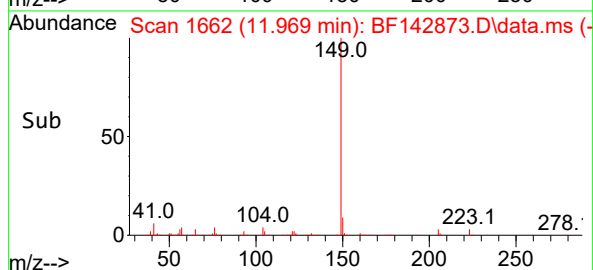
Reviewed By :Rahul Chavli 06/27/2025
 Supervised By :Jagrut Upadhyay 06/27/2025

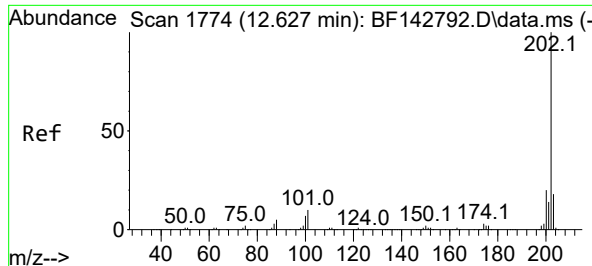


#74
 Di-n-butylphthalate
 Concen: 52.122 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142873.D
 Acq: 26 Jun 2025 17:36



Tgt Ion:149 Resp: 694109
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 42.494 ng

RT: 12.621 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:202 Resp: 582494

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.7

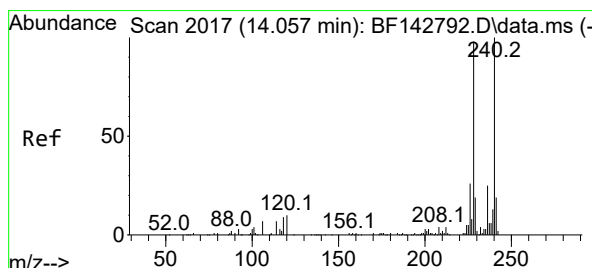
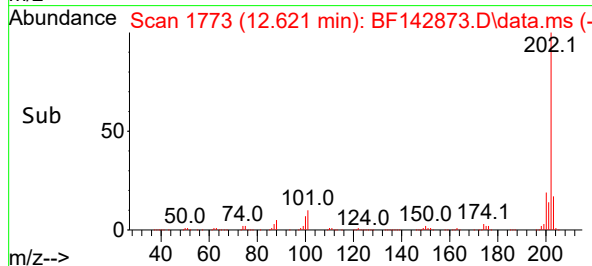
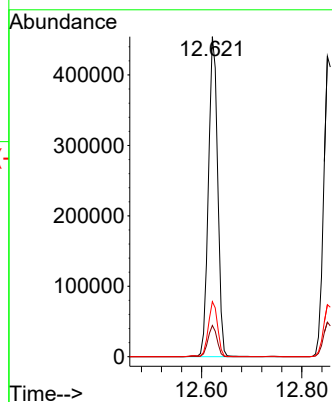
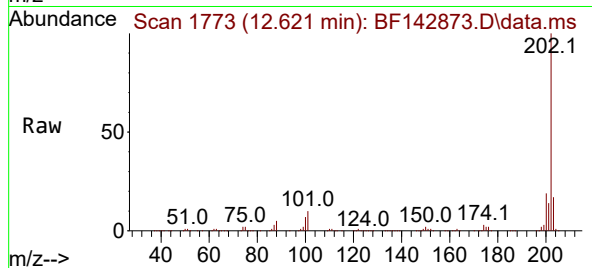
203 17.2 0.0 37.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

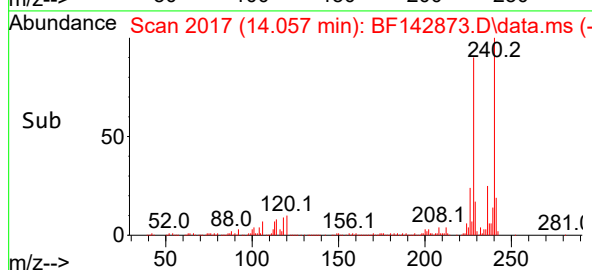
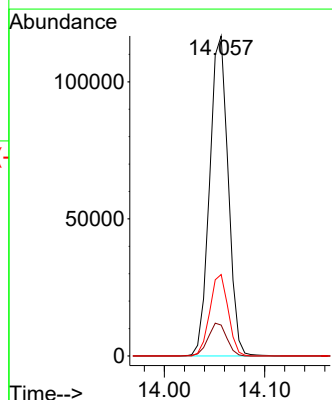
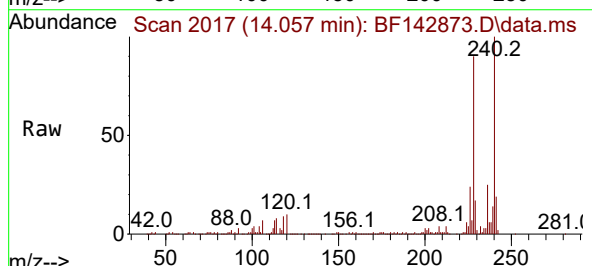
Tgt Ion:240 Resp: 149914

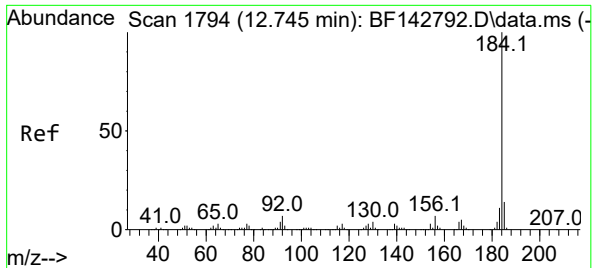
Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

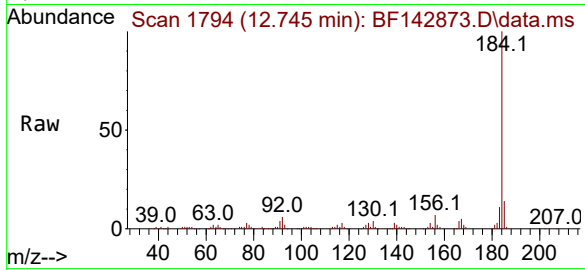
236 25.4 19.8 29.8





#77
Benzidine
Concen: 20.063 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

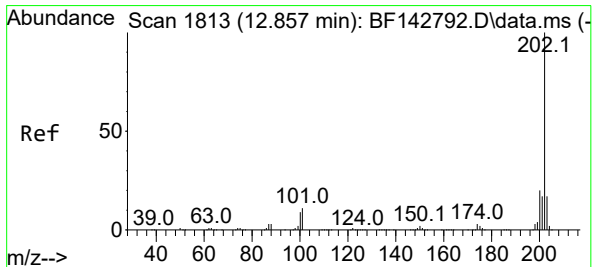
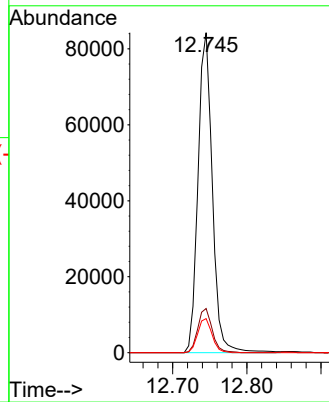
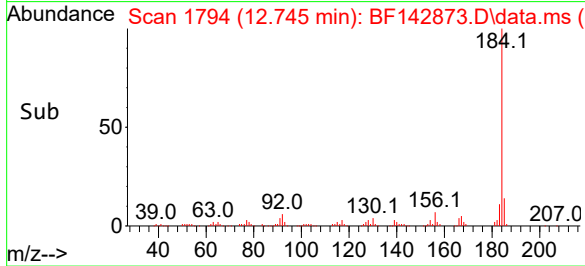
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



Tgt Ion:184 Resp: 113000
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 10.7 9.0 13.4

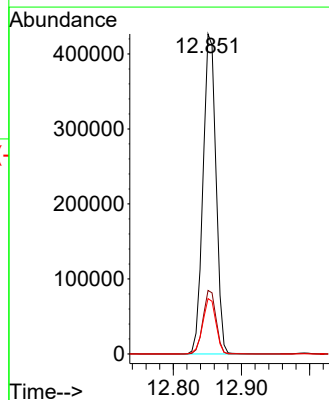
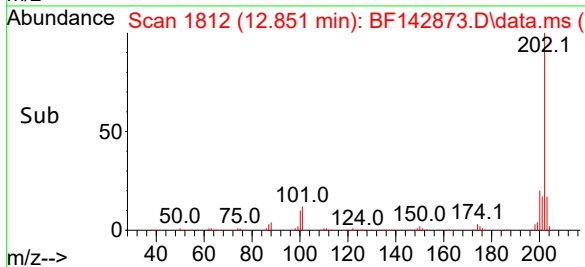
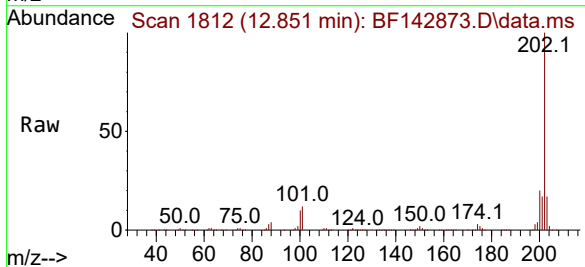
Manual Integrations
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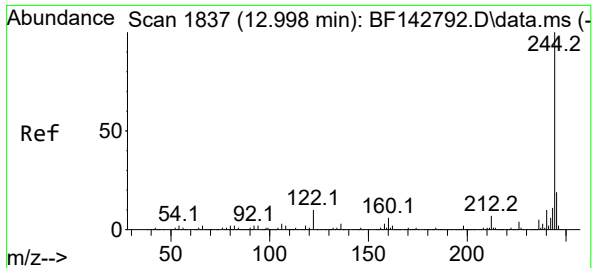
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#78
Pyrene
Concen: 40.121 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Tgt Ion:202 Resp: 563776
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 45.271 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:244 Resp: 491190

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

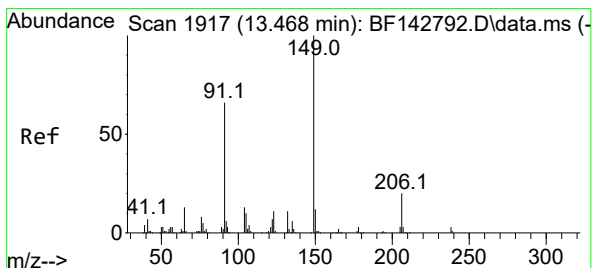
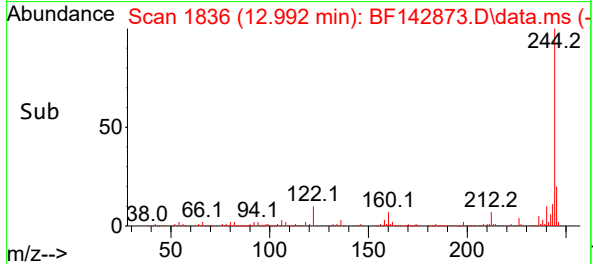
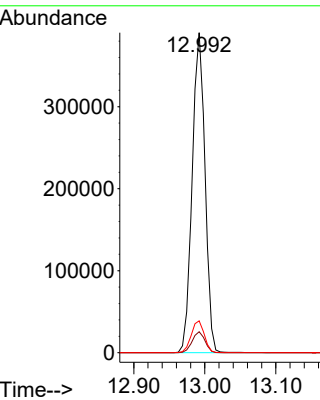
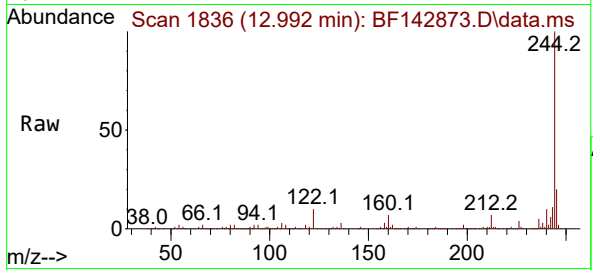
122 10.0 8.2 12.2

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Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#80

Butylbenzylphthalate

Concen: 53.156 ng

RT: 13.468 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

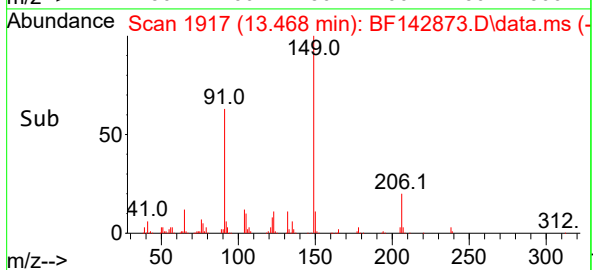
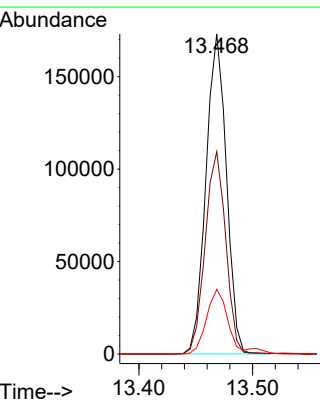
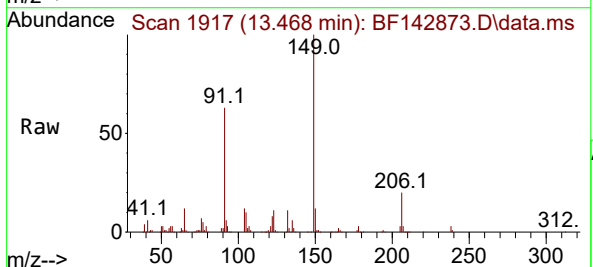
Tgt Ion:149 Resp: 216670

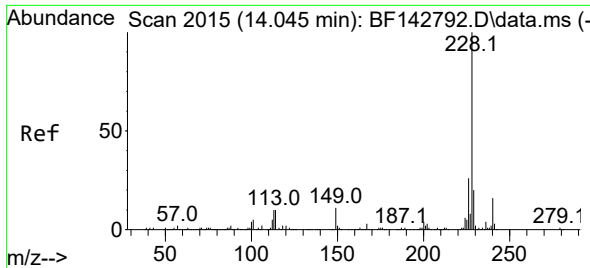
Ion Ratio Lower Upper

149 100

91 63.2 52.9 79.3

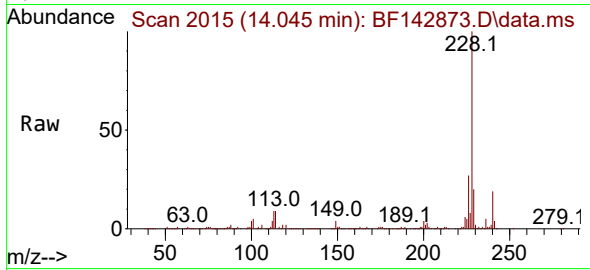
206 20.2 16.3 24.5





#81
Benzo(a)anthracene
Concen: 43.677 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

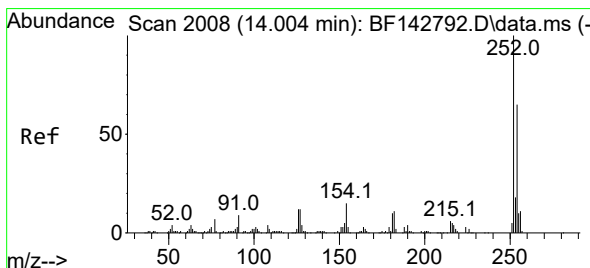
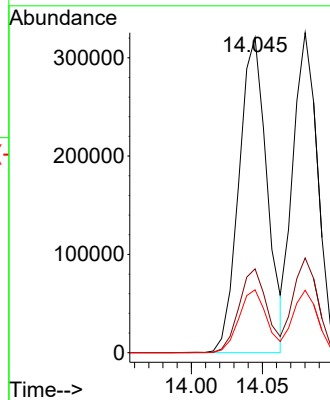
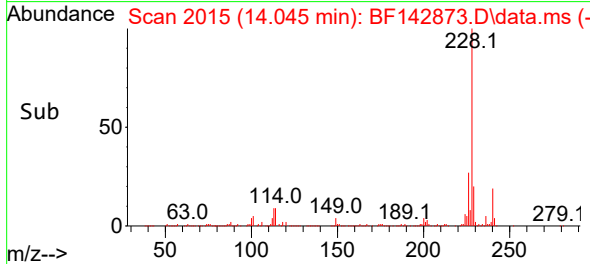
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



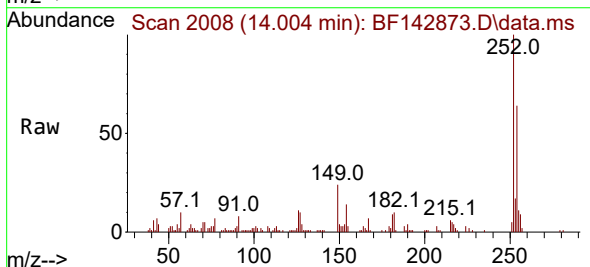
Tgt Ion:228 Resp: 44172
Ion Ratio Lower Upper
228 100
226 26.6 21.2 31.8
229 20.0 15.6 23.4

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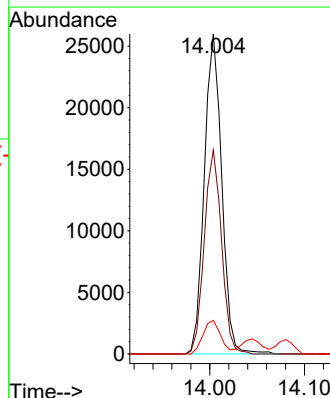
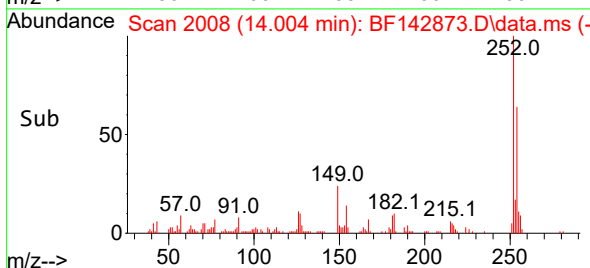
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

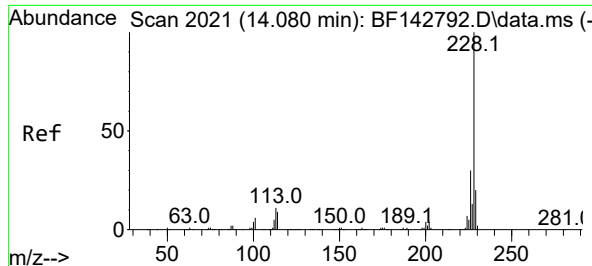


#82
3,3'-Dichlorobenzidine
Concen: 10.099 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36



Tgt Ion:252 Resp: 33127
Ion Ratio Lower Upper
252 100
254 63.8 51.7 77.5
126 10.5 9.4 14.2





#83

Chrysene

Concen: 43.737 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:228 Resp: 39469

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

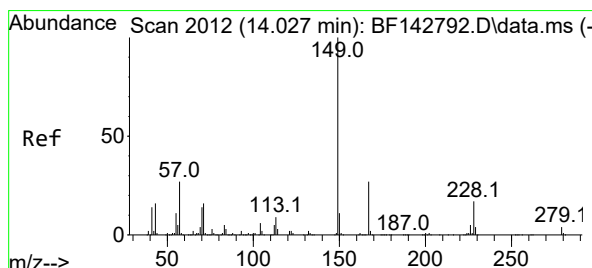
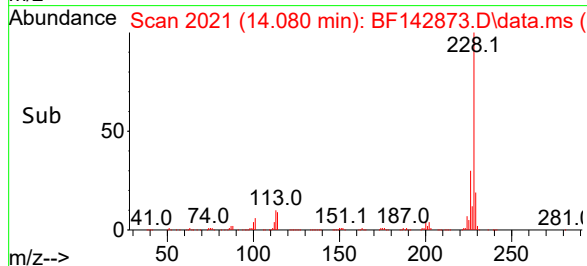
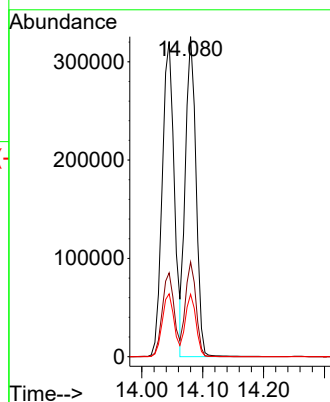
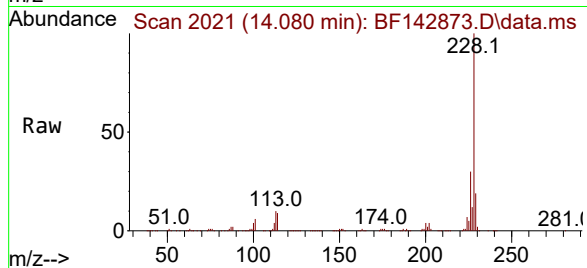
229 19.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.696 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

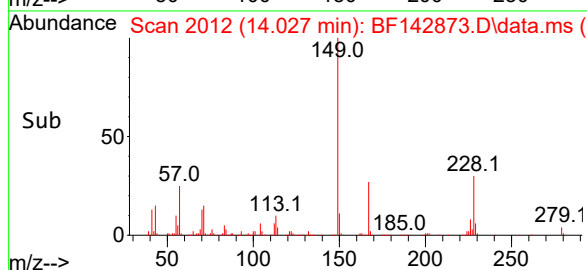
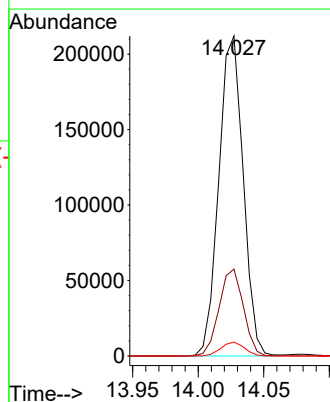
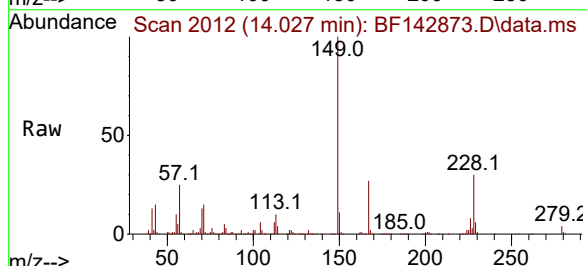
Tgt Ion:149 Resp: 273853

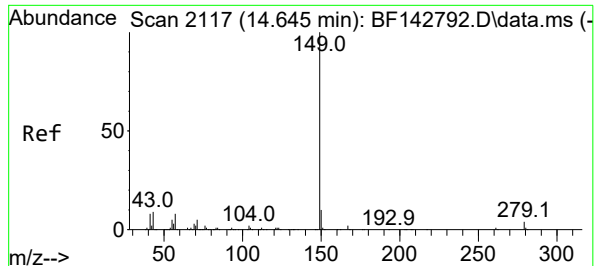
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

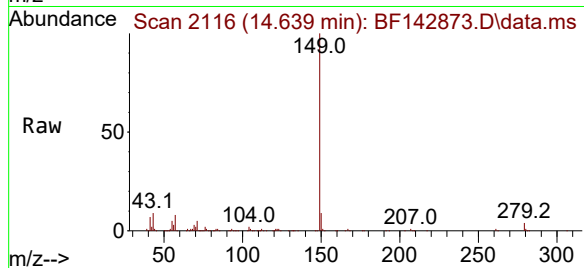
279 4.3 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 40.348 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

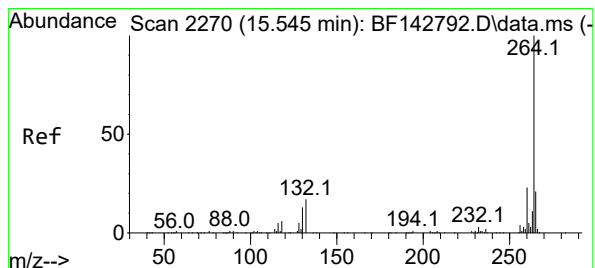
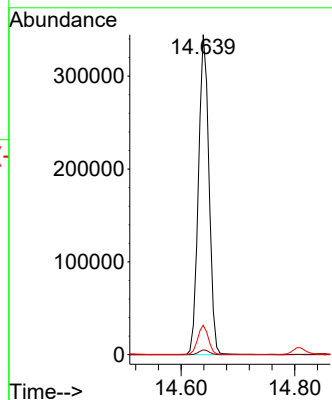
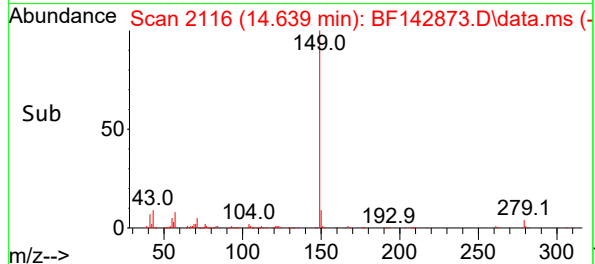
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



Tgt Ion:149 Resp: 446180
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 7.6 11.4

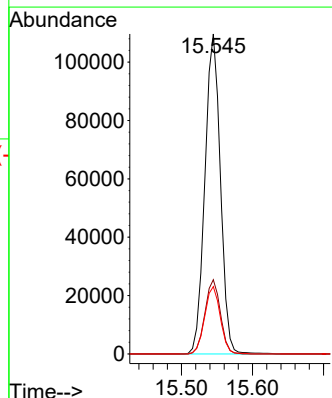
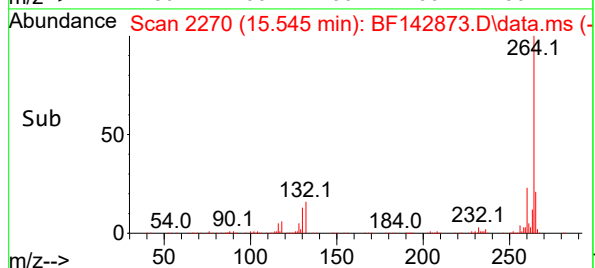
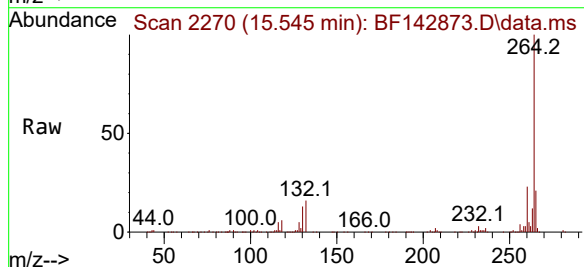
Manual Integrations
APPROVED

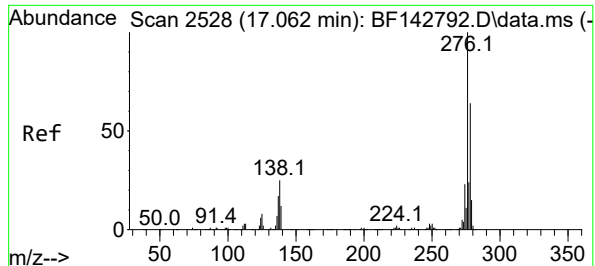
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

Tgt Ion:264 Resp: 166770
Ion Ratio Lower Upper
264 100
260 23.2 18.1 27.1
265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.642 ng

RT: 17.056 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:276 Resp: 414638

Ion Ratio Lower Upper

276 100

138 24.3 20.2 30.4

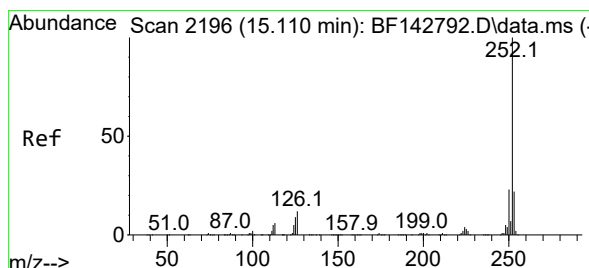
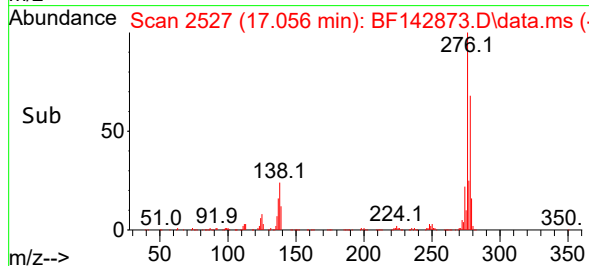
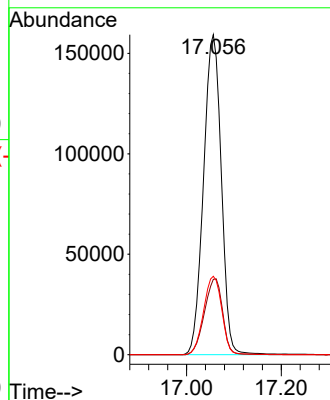
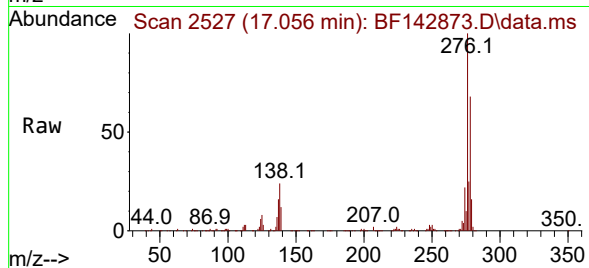
277 25.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#88

Benzo(b)fluoranthene

Concen: 47.378 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

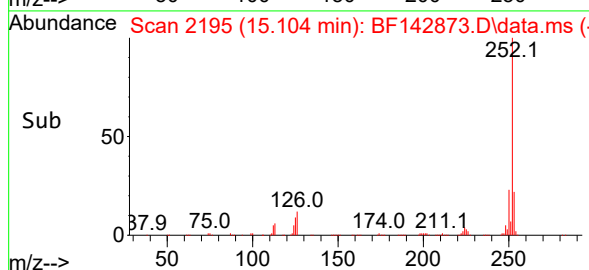
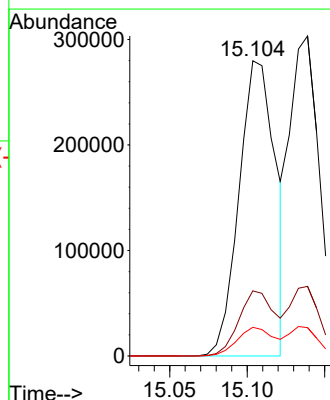
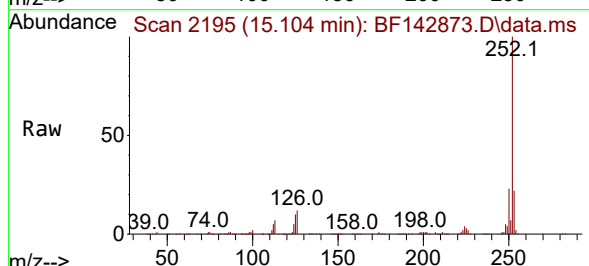
Tgt Ion:252 Resp: 457199

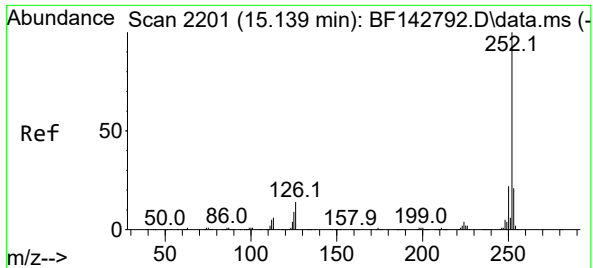
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

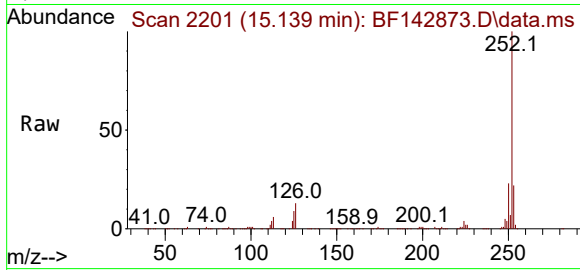
125 9.7 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 45.079 ng
RT: 15.139 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36

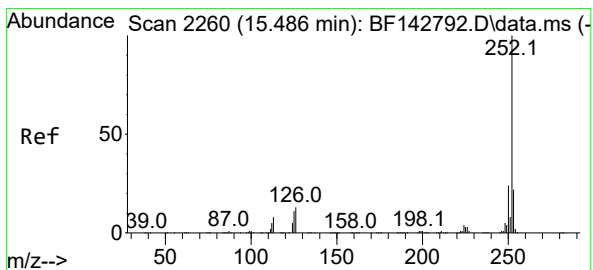
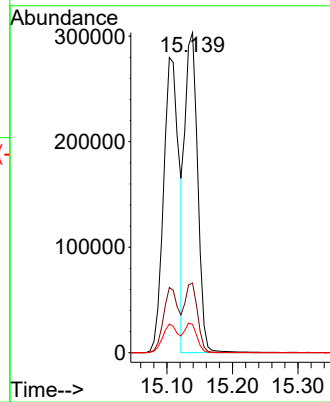
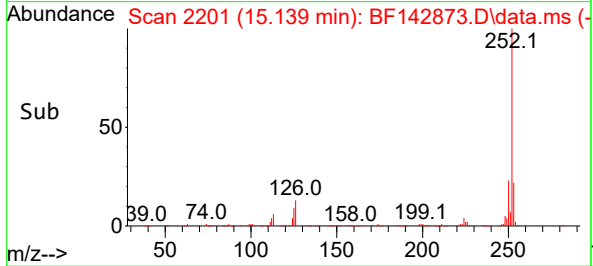
Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD



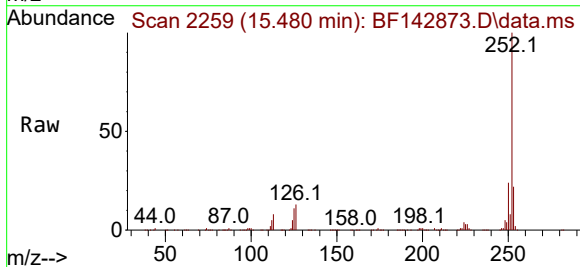
Tgt Ion:252 Resp: 40699
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.8 7.4 11.2

Manual Integrations
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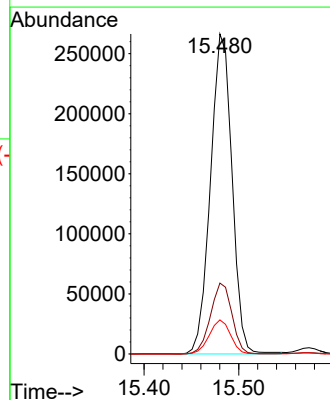
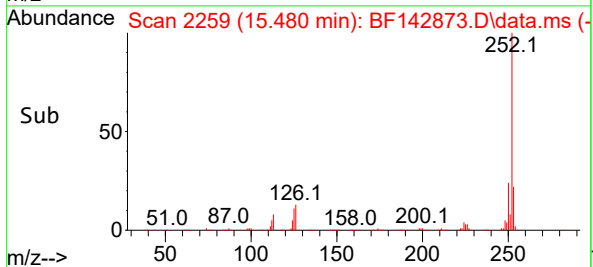
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

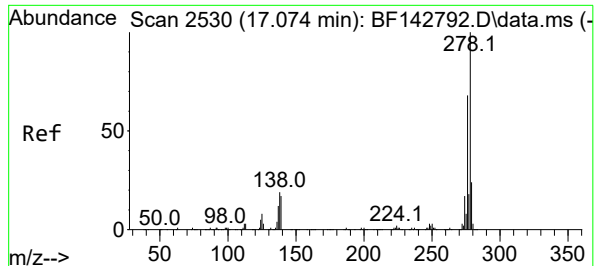


#90
Benzo(a)pyrene
Concen: 45.192 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF142873.D
Acq: 26 Jun 2025 17:36



Tgt Ion:252 Resp: 421307
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.7 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 32.976 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

Instrument :

BNA_F

ClientSampleId :

MH-G/HMSD

Tgt Ion:278 Resp: 34035

Ion Ratio Lower Upper

278 100

139 16.2 13.5 20.3

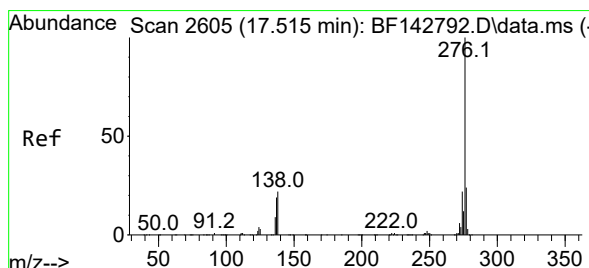
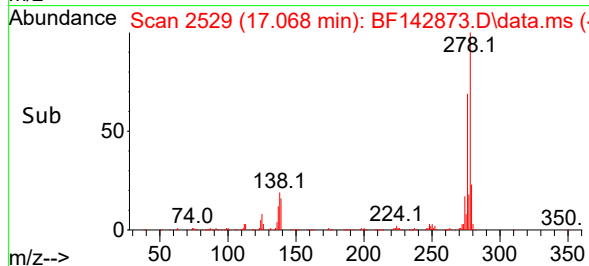
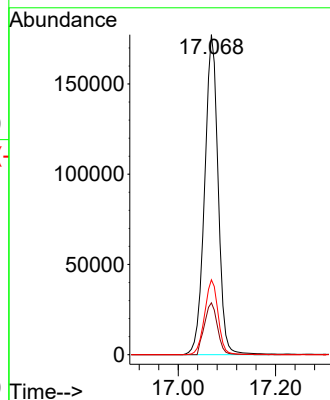
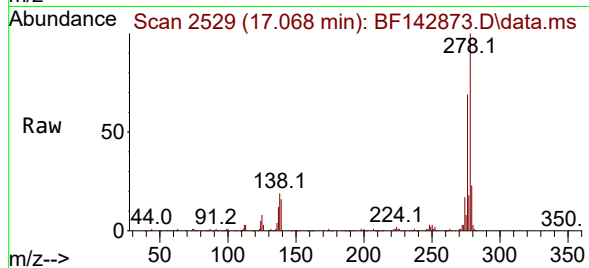
279 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/27/2025

Supervised By :Jagrut Upadhyay 06/27/2025



#92

Benzo(g,h,i)perylene

Concen: 29.447 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.006 min

Lab File: BF142873.D

Acq: 26 Jun 2025 17:36

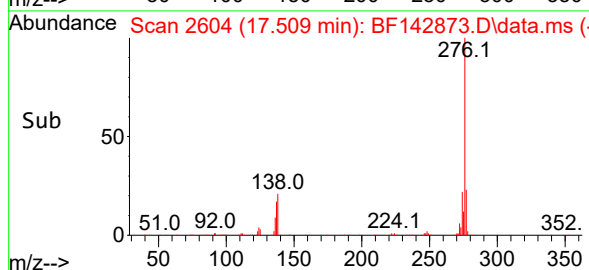
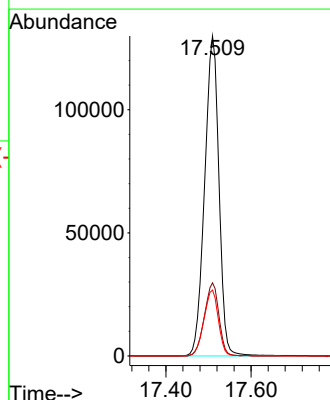
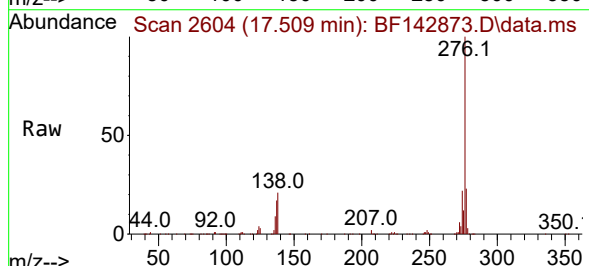
Tgt Ion:276 Resp: 303068

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 20.6 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

Manual Integration Report

Sequence:

BF062625

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2416-01MS	BF142872.D	Benzoic acid	Rahul	6/27/2025 11:22:57 AM	Jagrut	6/27/2025 11:37:46 AM	Peak Integrated by Software
Q2416-01MSD	BF142873.D	Benzoic acid	Rahul	6/27/2025 11:22:59 AM	Jagrut	6/27/2025 11:37:48 AM	Peak Integrated by Software
Q2416-01MSD	BF142873.D	Caprolactam	Rahul	6/27/2025 11:22:59 AM	Jagrut	6/27/2025 11:37:48 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

bf062725

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # 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	SSTDICCC040	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 # BF062625

Review By	Rahul	Review On	6/27/2025 11:23:56 AM
Supervise By	Jagrut	Supervise On	6/27/2025 11:38:19 AM
SubDirectory	BF062625	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	BF142856.D	26 Jun 2025 09:10	RC/JU	Ok
2	SSTDCCC040	BF142857.D	26 Jun 2025 09:39	RC/JU	Ok
3	PB168610BL	BF142858.D	26 Jun 2025 10:08	RC/JU	Ok
4	PB168610BS	BF142859.D	26 Jun 2025 10:38	RC/JU	Ok,M
5	PB168614BL	BF142860.D	26 Jun 2025 11:07	RC/JU	Ok
6	PB168614BS	BF142861.D	26 Jun 2025 11:36	RC/JU	Ok,M
7	Q2403-05	BF142862.D	26 Jun 2025 12:09	RC/JU	Ok
8	Q2405-01	BF142863.D	26 Jun 2025 12:39	RC/JU	Ok
9	Q2405-01MS	BF142864.D	26 Jun 2025 13:08	RC/JU	Ok,M
10	Q2405-01MSD	BF142865.D	26 Jun 2025 13:38	RC/JU	Ok,M
11	Q2394-04	BF142866.D	26 Jun 2025 14:07	RC/JU	Ok
12	Q2399-04	BF142867.D	26 Jun 2025 14:37	RC/JU	Ok
13	Q2399-08	BF142868.D	26 Jun 2025 15:07	RC/JU	Ok
14	Q2405-04	BF142869.D	26 Jun 2025 15:37	RC/JU	Ok
15	Q2409-02	BF142870.D	26 Jun 2025 16:06	RC/JU	Ok
16	Q2416-01	BF142871.D	26 Jun 2025 16:36	RC/JU	Ok
17	Q2416-01MS	BF142872.D	26 Jun 2025 17:06	RC/JU	Ok,M
18	Q2416-01MSD	BF142873.D	26 Jun 2025 17:36	RC/JU	Ok,M
19	Q2425-01	BF142874.D	26 Jun 2025 18:05	RC/JU	Ok
20	Q2414-01	BF142875.D	26 Jun 2025 18:35	RC/JU	Ok,M
21	Q2403-07	BF142876.D	26 Jun 2025 19:04	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF062625

Review By	Rahul	Review On	6/27/2025 11:23:56 AM		
Supervise By	Jagrut	Supervise On	6/27/2025 11:38:19 AM		
SubDirectory	BF062625	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	Q2420-01	BF142877.D	26 Jun 2025 19:34	RC/JU	Dilution
23	Q2415-01	BF142878.D	26 Jun 2025 20:03	RC/JU	Ok,M
24	Q2423-01	BF142879.D	26 Jun 2025 20:32	RC/JU	Ok,M
25	Q2419-01	BF142880.D	26 Jun 2025 21:02	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF062725

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF062725	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	BF142881.D	27 Jun 2025 09:21	RC/JU	Ok
2	SSTDCCC040	BF142882.D	27 Jun 2025 09:51	RC/JU	Ok
3	PB168571TB	BF142883.D	27 Jun 2025 10:20	RC/JU	Ok
4	PB168625BL	BF142884.D	27 Jun 2025 10:49	RC/JU	Ok
5	PB168625BS	BF142885.D	27 Jun 2025 11:19	RC/JU	Ok,NR
6	Q2413-05	BF142886.D	27 Jun 2025 11:52	RC/JU	Ok
7	Q2425-02	BF142887.D	27 Jun 2025 12:21	RC/JU	Ok
8	Q2425-03	BF142888.D	27 Jun 2025 12:50	RC/JU	Ok
9	Q2413-01	BF142889.D	27 Jun 2025 13:19	RC/JU	Ok,NR
10	Q2413-03	BF142890.D	27 Jun 2025 13:48	RC/JU	Ok
11	Q2413-04	BF142891.D	27 Jun 2025 14:17	RC/JU	Ok,NR
12	Q2413-02	BF142892.D	27 Jun 2025 14:47	RC/JU	Ok,NR
13	Q2413-06	BF142893.D	27 Jun 2025 15:15	RC/JU	Ok
14	Q2420-01DL	BF142894.D	27 Jun 2025 15:44	RC/JU	Dilution
15	Q2420-01DL2	BF142895.D	27 Jun 2025 16:13	RC/JU	Ok,NR
16	Q2429-01	BF142896.D	27 Jun 2025 16:43	RC/JU	Ok
17	Q2414-04	BF142897.D	27 Jun 2025 17:12	RC/JU	Ok
18	Q2414-04MS	BF142898.D	27 Jun 2025 17:41	RC/JU	Ok
19	Q2414-04MSD	BF142899.D	27 Jun 2025 18:10	RC/JU	Ok,NR
20	Q2416-04	BF142900.D	27 Jun 2025 18:40	RC/JU	Ok
21	Q2420-02	BF142901.D	27 Jun 2025 19:10	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF062725

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF062725	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	Q2415-04	BF142902.D	27 Jun 2025 19:39	RC/JU	Ok
23	Q2427-01	BF142903.D	27 Jun 2025 20:08	RC/JU	Ok
24	Q2355-07	BF142904.D	27 Jun 2025 20:37	RC/JU	Dilution
25	Q2418-01	BF142905.D	27 Jun 2025 21:07	RC/JU	ReRun

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	SSTDICCC040	SSTDICCC040	BF142792.D	19 Jun 2025 19:09		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 # BF062625

Review By	Rahul	Review On	6/27/2025 11:23:56 AM
Supervise By	Jagrut	Supervise On	6/27/2025 11:38:19 AM
SubDirectory	BF062625	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	BF142856.D	26 Jun 2025 09:10		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142857.D	26 Jun 2025 09:39		RC/JU	Ok
3	PB168610BL	PB168610BL	BF142858.D	26 Jun 2025 10:08		RC/JU	Ok
4	PB168610BS	PB168610BS	BF142859.D	26 Jun 2025 10:38		RC/JU	Ok,M
5	PB168614BL	PB168614BL	BF142860.D	26 Jun 2025 11:07		RC/JU	Ok
6	PB168614BS	PB168614BS	BF142861.D	26 Jun 2025 11:36		RC/JU	Ok,M
7	Q2403-05	Concrete-062325	BF142862.D	26 Jun 2025 12:09		RC/JU	Ok
8	Q2405-01	MH-M/H	BF142863.D	26 Jun 2025 12:39		RC/JU	Ok
9	Q2405-01MS	MH-M/HMS	BF142864.D	26 Jun 2025 13:08		RC/JU	Ok,M
10	Q2405-01MSD	MH-M/HMSD	BF142865.D	26 Jun 2025 13:38		RC/JU	Ok,M
11	Q2394-04	MH-K/L	BF142866.D	26 Jun 2025 14:07		RC/JU	Ok
12	Q2399-04	TP-13	BF142867.D	26 Jun 2025 14:37		RC/JU	Ok
13	Q2399-08	EP-7	BF142868.D	26 Jun 2025 15:07		RC/JU	Ok
14	Q2405-04	MH-M/N	BF142869.D	26 Jun 2025 15:37		RC/JU	Ok
15	Q2409-02	COP-SOIL-PILE	BF142870.D	26 Jun 2025 16:06		RC/JU	Ok
16	Q2416-01	MH-G/H	BF142871.D	26 Jun 2025 16:36		RC/JU	Ok
17	Q2416-01MS	MH-G/HMS	BF142872.D	26 Jun 2025 17:06		RC/JU	Ok,M
18	Q2416-01MSD	MH-G/HMSD	BF142873.D	26 Jun 2025 17:36		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF062625

Review By	Rahul	Review On	6/27/2025 11:23:56 AM		
Supervise By	Jagrut	Supervise On	6/27/2025 11:38:19 AM		
SubDirectory	BF062625	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	Q2425-01	COMP-1	BF142874.D	26 Jun 2025 18:05		RC/JU	Ok
20	Q2414-01	WC-1	BF142875.D	26 Jun 2025 18:35		RC/JU	Ok,M
21	Q2403-07	ARS 20-0006	BF142876.D	26 Jun 2025 19:04		RC/JU	Ok,M
22	Q2420-01	72-11933	BF142877.D	26 Jun 2025 19:34	Need 10X Dilution then decide further dilution	RC/JU	Dilution
23	Q2415-01	WC-1	BF142878.D	26 Jun 2025 20:03		RC/JU	Ok,M
24	Q2423-01	RT915	BF142879.D	26 Jun 2025 20:32	Internal standard fail	RC/JU	Ok,M
25	Q2419-01	EO-3-6-25-2025	BF142880.D	26 Jun 2025 21:02	Internal standard fail	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF062725

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF062725	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	BF142881.D	27 Jun 2025 09:21		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142882.D	27 Jun 2025 09:51		RC/JU	Ok
3	PB168571TB	PB168571TB	BF142883.D	27 Jun 2025 10:20		RC/JU	Ok
4	PB168625BL	PB168625BL	BF142884.D	27 Jun 2025 10:49		RC/JU	Ok
5	PB168625BS	PB168625BS	BF142885.D	27 Jun 2025 11:19		RC/JU	Ok,NR
6	Q2413-05	TP-73	BF142886.D	27 Jun 2025 11:52		RC/JU	Ok
7	Q2425-02	COMP-2	BF142887.D	27 Jun 2025 12:21		RC/JU	Ok
8	Q2425-03	COMP-3	BF142888.D	27 Jun 2025 12:50		RC/JU	Ok
9	Q2413-01	TP-35	BF142889.D	27 Jun 2025 13:19		RC/JU	Ok,NR
10	Q2413-03	TP-77	BF142890.D	27 Jun 2025 13:48		RC/JU	Ok
11	Q2413-04	TP-74	BF142891.D	27 Jun 2025 14:17		RC/JU	Ok,NR
12	Q2413-02	TP-34	BF142892.D	27 Jun 2025 14:47		RC/JU	Ok,NR
13	Q2413-06	TP-72	BF142893.D	27 Jun 2025 15:15		RC/JU	Ok
14	Q2420-01DL	72-11933DL	BF142894.D	27 Jun 2025 15:44	Need 5X Further Dilution	RC/JU	Dilution
15	Q2420-01DL2	72-11933DL2	BF142895.D	27 Jun 2025 16:13		RC/JU	Ok,NR
16	Q2429-01	TP-4	BF142896.D	27 Jun 2025 16:43		RC/JU	Ok
17	Q2414-04	WC-1	BF142897.D	27 Jun 2025 17:12		RC/JU	Ok
18	Q2414-04MS	WC-1MS	BF142898.D	27 Jun 2025 17:41		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF062725

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF062725	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	Q2414-04MSD	WC-1MSD	BF142899.D	27 Jun 2025 18:10		RC/JU	Ok,NR
20	Q2416-04	MH-G/H	BF142900.D	27 Jun 2025 18:40		RC/JU	Ok
21	Q2420-02	72-11933	BF142901.D	27 Jun 2025 19:10		RC/JU	Ok
22	Q2415-04	WC-1	BF142902.D	27 Jun 2025 19:39		RC/JU	Ok
23	Q2427-01	RT2929	BF142903.D	27 Jun 2025 20:08		RC/JU	Ok
24	Q2355-07	20071	BF142904.D	27 Jun 2025 20:37	Internal standard fail & Need 2X Dilution	RC/JU	Dilution
25	Q2418-01	VAC-TRUCK-4074	BF142905.D	27 Jun 2025 21:07	Internal standard fail	RC/JU	ReRun

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/26/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 06/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB136262

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2413-01	TP-35	1	1.18	10.41	11.59	10.42	88.8	
Q2413-02	TP-34	2	1.13	10.60	11.73	10.88	92.0	
Q2413-03	TP-77	3	1.15	10.65	11.8	10.88	91.4	
Q2413-04	TP-74	4	1.15	10.83	11.98	10.84	89.5	
Q2413-05	TP-73	5	1.13	10.86	11.99	9.5	77.1	
Q2413-06	TP-72	6	1.16	10.74	11.9	10.5	87.0	
Q2414-01	WC-1	7	1.19	10.50	11.69	10.58	89.4	
Q2414-02	WC-1-EPH	8	1.17	10.08	11.25	10.22	89.8	
Q2414-03	WC-1-VOC	9	1.15	10.83	11.98	10.97	90.7	
Q2414-04	WC-1	10	1.19	10.50	11.69	10.58	89.4	
Q2415-01	WC-1	11	1.19	10.63	11.82	10.72	89.7	
Q2415-02	WC-1-EPH	12	1.15	10.00	11.15	10.12	89.7	
Q2415-03	WC-1-VOC	13	1.19	10.27	11.46	10.4	89.7	
Q2416-01	MH-G/H	14	1.15	10.86	12.01	10.89	89.7	
Q2416-02	MH-G/H-EPH	15	1.14	10.41	11.55	10.52	90.1	
Q2416-03	MH-G/H-VOC	16	1.12	10.57	11.69	10.8	91.6	
Q2416-04	MH-G/H	17	1.15	10.86	12.01	10.89	89.7	
Q2419-01	EO-03-06252025	26	1.17	10.53	11.7	10.97	93.1	
Q2419-02	EO-03-06252025-E2	27	1.13	10.23	11.36	10.36	90.2	
Q2420-01	72-11933	18	1.18	10.49	11.67	11.03	93.9	
Q2421-01	62325	19	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-02	624-A	20	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-03	624-B	21	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-04	624-C	22	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-05	624-D	23	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-06	62325-A	24	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2422-01	60263	25	1.00	1.00	2.00	2.00	100.0	oil sample
Q2423-01	RT915	28	1.19	10.63	11.82	10.88	91.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/26/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 06/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB136262

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q2423-02	RT915	29	1.14	10.45	11.59	10.84	92.8	
Q2425-01	COMP-1	30	1.19	10.38	11.57	9.17	76.9	
Q2425-02	COMP-2	31	1.15	10.37	11.52	9.41	79.7	
Q2425-03	COMP-3	32	1.12	10.71	11.83	9.97	82.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

136262

WorkList Name : %1-062525

WorkList ID : 190366

Department : Wet-Chemistry

Date : 06-25-2025 08:11:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2413-01	TP-35	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-02	TP-34	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-03	TP-77	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-04	TP-74	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-05	TP-73	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-06	TP-72	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2414-01	WC-1	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2414-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG01		06/25/2025	Chemtech -SO
Q2414-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG01	A33	06/25/2025	Chemtech -SO
Q2414-04	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG01	A33	06/25/2025	Chemtech -SO
Q2415-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG01		06/25/2025	Chemtech -SO
Q2415-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2415-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2416-01	MH-G/H	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2416-02	MH-G/H-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03		06/25/2025	Chemtech -SO
Q2416-03	MH-G/H-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	06/25/2025	Chemtech -SO
Q2416-04	MH-G/H	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	06/25/2025	Chemtech -SO
Q2419-01	EO-03-06252025	Solid	Percent Solids	Cool 4 deg C	PSEG03		06/25/2025	Chemtech -SO
Q2419-02	EO-03-06252025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	06/25/2025	Chemtech -SO
Q2420-01	72-11933	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	06/25/2025	Chemtech -SO
Q2421-01	62325	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/25/2025	Chemtech -SO
Q2421-01	62325	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO

Date/Time 06/25/25 15:10 Date/Time 06/25/25
 Raw Sample Received by: spwc Raw Sample Received by: CP SM
 Raw Sample Relinquished by: CP SM Raw Sample Relinquished by: spwc

WORKLIST(Hardcopy Internal Chain)

136262

WorkList Name : %1-062525

WorkList ID : 190366

Department : Wet-Chemistry

Date : 06-25-2025 08:11:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2421-02	624-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-03	624-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-04	624-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-05	624-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-06	62325-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2422-01	60263	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2423-01	RT915	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2423-02	RT915	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2425-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	D51	06/25/2025	Chemtech -SO
Q2425-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	D51	06/24/2025	Chemtech -SO
Q2425-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	D51	06/24/2025	Chemtech -SO

Date/Time 06/25/25 15:10

Raw Sample Received by: sf wocj

Raw Sample Relinquished by: cp sm

Date/Time 06/25/25 17:20

Raw Sample Received by: cp sm

Raw Sample Relinquished by: sf wocj

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Matrix: Solid

Weight By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date: 06/26/2025

Extraction Start Time: 09:20

Extraction End Date: 06/26/2025

Extraction End Time: 12:45

Concentration By: EH

Supervisor By: RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	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
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2622
Sand	N/A	E2865
Methylene Chloride	N/A	E3943
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/26/25	RS (Ext Lab)	RC/Svae
12:50	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/26/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168625BL	SBLK625	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U1-1
PB168625BS	SLCS625	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q2413-01	TP-35	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		3
Q2413-02	TP-34	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		4
Q2413-03	TP-77	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	E		5
Q2413-04	TP-74	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		6
Q2413-05	TP-73	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		U2-1
Q2413-06	TP-72	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		2
Q2414-01	WC-1	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		3
Q2415-01	WC-1	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	A		4
Q2416-01	MH-G/H	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		5
Q2416-01MS	MH-G/HMS	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		6
Q2416-01MS D	MH-G/HMSD	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		U3-1
Q2419-01	EO-03-06252025	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		2
Q2420-01	72-11933	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		3
Q2423-01	RT915	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	E		4
Q2425-01	COMP-1	SVOCMS Group1	30.05	N/A	ritesh	Evelyn	1	E		5
Q2425-02	COMP-2	SVOCMS Group1	30.07	N/A	ritesh	Evelyn	1	E		6
Q2425-03	COMP-3	SVOCMS Group1	30.02	N/A	ritesh	Evelyn	1	E		U6-1

168625
9:120

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2414BN WorkList ID : 190401 Department : Extraction Date : 06-26-2025 08:21:27

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2413-01	TP-35	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	D41	06/24/2025	8270E
Q2413-02	TP-34	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	D41	06/24/2025	8270E
Q2413-03	TP-77	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	D41	06/24/2025	8270E
Q2413-04	TP-74	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	D41	06/24/2025	8270E
Q2413-05	TP-73	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	D41	06/24/2025	8270E
Q2413-06	TP-72	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	D41	06/24/2025	8270E
Q2414-01	WC-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG01	A33	06/25/2025	8270E
Q2415-01	WC-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03		06/24/2025	8270E
Q2416-01	MH-G/H	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	A42	06/25/2025	8270E
Q2419-01	EO-03-06252025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D51	06/25/2025	8270E
Q2420-01	72-11933	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	06/25/2025	8270E
Q2423-01	RT915	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D51	06/25/2025	8270E
Q2425-01	COMP-1	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	D51	06/24/2025	8270E
Q2425-02	COMP-2	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	D51	06/24/2025	8270E
Q2425-03	COMP-3	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	D51	06/24/2025	8270E

Date/Time 06/26/25 9:15
Raw Sample Received by: RJ CFA-1261
Raw Sample Relinquished by: RJ CFA-1261

Date/Time 06/26/25 9:35
Raw Sample Received by: RJ CFA-1261
Raw Sample Relinquished by: RJ CFA-1261



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd. Suite 3800
CITY: Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: AS Jenks School
PROJECT NO.: 36000957.001A LOCATION: Philadelphia, PA
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: _____ PO#: _____
ADDRESS: Same
CITY: _____ STATE: _____ ZIP: _____
ATTENTION: _____ PHONE: _____

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

1	2	3	4	5	6	7	8	9

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	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	COMP-1	Soil	✓		6/24/15	9:05	4	✓										
2.	COMP-2	↓	↓		↓	9:30	↓	↓										
3.	COMP-3	↓	↓		↓	9:45	↓	↓										
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>[Signature]</u>	DATE/TIME: <u>6/24/15</u>	RECEIVED BY: 1. <u>[Signature]</u>	6/25/15 1345	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.5°C</u>
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.		Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.		

Page 1 of 1 CLIENT: ☐ Hand Delivered ☒ Other FedEx 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 : Q2425 POWE02

Order Date : 6/25/2025 2:03:00 PM

Project Mgr :

Client Name : Kleinfelder

Project Name : AS Jenks School

Report Type : Results+QC

Client Contact : Mark Warchol

Receive DateTime : 6/25/2025 1:45:00 PM

EDD Type : EXCEL NOCLEANUP

Invoice Name : Kleinfelder

Purchase Order :

Hard Copy Date :

Invoice Contact : Mark Warchol

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2425-01	COMP-1	Solid	06/24/2025	09:05					
					VOCMS Group1		8260D	5 Bus. Days	
Q2425-02	COMP-2	Solid	06/24/2025	09:30					
					VOCMS Group1		8260D	5 Bus. Days	
Q2425-03	COMP-3	Solid	06/24/2025	09:45					
					VOCMS Group1		8260D	5 Bus. Days	

Relinquished By : ad

Date / Time : 6/24/25 14:50

Received By : Sony

Date / Time : 06/25/25

Storage Area : VOA Refridgerator Room

14:50
2546
I22