

Cover Page

Order ID : Q3032

Project ID : 3 Coal Ave., Morristown, NJ

Client : Zuccaro Inc.

Lab Sample Number

Q3032-01
Q3032-02
Q3032-03
Q3032-04
Q3032-05
Q3032-06

Client Sample Number

SOIL-PILE-1
SOIL-PILE-1
SOIL-PILE-1
SOIL-PILE-2
SOIL-PILE-2
SOIL-PILE-2

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: 9/13/2025

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 #: Q3032

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 09/13/2025

LAB CHRONICLE

OrderID: Q3032	OrderDate: 9/5/2025 12:41:17 PM
Client: Zuccaro Inc.	Project: 3 Coal Ave., Morristown, NJ
Contact: Sal Zuccaro	Location: D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3032-01	SOIL-PILE-1	SOIL	SVOC-TCL BNA -20	8270E	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-02	SOIL-PILE-1	TCLP	TCLP BNA	8270E	09/05/25	09/11/25	09/11/25	09/05/25
Q3032-04	SOIL-PILE-2	SOIL	SVOC-TCL BNA -20	8270E	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-05	SOIL-PILE-2	TCLP	TCLP BNA	8270E	09/05/25	09/11/25	09/11/25	09/05/25



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Hit Summary Sheet
SW-846

SDG No.: Q3032
Client: Zuccaro Inc.

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.: Q3032

Client: Zuccaro Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169589TB	PB169589TB	2-Fluorophenol	150	140	93		15 (23)	110 (138)
		Phenol-d6	150	138	92		15 (10)	110 (134)
		Nitrobenzene-d5	100	94.8	95		30 (67)	130 (132)
		2-Fluorobiphenyl	100	94.5	95		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	135	90		15 (44)	110 (137)
		Terphenyl-d14	100	90.7	91		30 (42)	130 (152)
PB169661BL	PB169661BL	2-Fluorophenol	150	135	90		15 (23)	110 (138)
		Phenol-d6	150	134	89		15 (10)	110 (134)
		Nitrobenzene-d5	100	95.3	95		30 (67)	130 (132)
		2-Fluorobiphenyl	100	92.7	93		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	136	91		15 (44)	110 (137)
		Terphenyl-d14	100	92.2	92		30 (42)	130 (152)
PB169661BS	PB169661BS	2-Fluorophenol	150	123	82		15 (23)	110 (138)
		Phenol-d6	150	121	81		15 (10)	110 (134)
		Nitrobenzene-d5	100	86.6	87		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.4	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	126	84		15 (44)	110 (137)
		Terphenyl-d14	100	84.2	84		30 (42)	130 (152)
Q3032-02	SOIL-PILE-1	2-Fluorophenol	150	132	88		15 (23)	110 (138)
		Phenol-d6	150	122	81		15 (10)	110 (134)
		Nitrobenzene-d5	100	104	104		30 (67)	130 (132)
		2-Fluorobiphenyl	100	106	106		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	142	95		15 (44)	110 (137)
		Terphenyl-d14	100	81.1	81		30 (42)	130 (152)
Q3032-02MS	SOIL-PILE-1MS	2-Fluorophenol	150	132	88		15 (23)	110 (138)
		Phenol-d6	150	123	82		15 (10)	110 (134)
		Nitrobenzene-d5	100	101	101		30 (67)	130 (132)
		2-Fluorobiphenyl	100	102	102		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	138	92		15 (44)	110 (137)
		Terphenyl-d14	100	77.7	78		30 (42)	130 (152)
Q3032-02MSD	SOIL-PILE-1MSD	2-Fluorophenol	150	130	86		15 (23)	110 (138)
		Phenol-d6	150	124	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	97.5	98		30 (67)	130 (132)
		2-Fluorobiphenyl	100	101	101		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	133	89		15 (44)	110 (137)
		Terphenyl-d14	100	72.0	72		30 (42)	130 (152)
Q3032-05	SOIL-PILE-2	2-Fluorophenol	150	145	97		15 (23)	110 (138)
		Phenol-d6	150	133	89		15 (10)	110 (134)
		Nitrobenzene-d5	100	109	109		30 (67)	130 (132)
		2-Fluorobiphenyl	100	108	108		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	144	96		15 (44)	110 (137)
		Terphenyl-d14	100	76.9	77		30 (42)	130 (152)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3032

Analytical Method: SW8270E

Client: Zuccaro Inc.

DataFile: BF143712.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3032-02MS		Client Sample ID: SOIL-PILE-1MS									
Pyridine	500	0	370	ug/L	74				20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	480	ug/L	96				70 (55)	130 (125)	
2-Methylphenol	500	0	480	ug/L	96				70 (60)	130 (131)	
3+4-Methylphenols	500	0	470	ug/L	94				20 (54)	160 (136)	
Hexachloroethane	500	0	450	ug/L	90				20 (19)	160 (146)	
Nitrobenzene	500	0	490	ug/L	98				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	480	ug/L	96				70 (52)	130 (125)	
2,4,6-Trichlorophenol	500	0	520	ug/L	104				70 (78)	130 (112)	
2,4,5-Trichlorophenol	500	0	510	ug/L	102				70 (71)	130 (111)	
2,4-Dinitrotoluene	500	0	540	ug/L	108				70 (74)	130 (137)	
Hexachlorobenzene	500	0	520	ug/L	104				70 (72)	130 (115)	
Pentachlorophenol	1000	0	1100	ug/L	110				20 (52)	160 (162)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3032

Analytical Method: SW8270E

Client: Zuccaro Inc.

DataFile: BF143713.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3032-02MSD		Client Sample ID: SOIL-PILE-1MSD									
Pyridine	500	0	370	ug/L	74	0			20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	480	ug/L	96	0			70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	470	ug/L	94	2			70 (60)	130 (131)	20 (20)
3+4-Methylphenols	500	0	460	ug/L	92	2			20 (54)	160 (136)	20 (20)
Hexachloroethane	500	0	450	ug/L	90	0			20 (19)	160 (146)	20 (20)
Nitrobenzene	500	0	470	ug/L	94	4			70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	450	ug/L	90	6			70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	510	ug/L	102	2			70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	510	ug/L	102	0			70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	520	ug/L	104	4			70 (74)	130 (137)	20 (20)
Hexachlorobenzene	500	0	520	ug/L	104	0			70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	1000	ug/L	100	10			20 (52)	160 (162)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3032

Analytical Method: 8270E

Client: Zuccaro Inc.

DataFile: BF143726.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169661BS	Pyridine	50	37.8	ug/L	76				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	45.0	ug/L	90				70 (76)	130 (103)	
	2-Methylphenol	50	44.5	ug/L	89				70 (69)	130 (109)	
	3+4-Methylphenols	50	43.8	ug/L	88				20 (67)	160 (106)	
	Hexachloroethane	50	43.7	ug/L	87				20 (76)	160 (118)	
	Nitrobenzene	50	43.4	ug/L	87				70 (58)	130 (106)	
	Hexachlorobutadiene	50	43.3	ug/L	87				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	45.0	ug/L	90				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	46.9	ug/L	94				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	48.0	ug/L	96				70 (60)	130 (115)	
	Hexachlorobenzene	50	46.8	ug/L	94				70 (73)	130 (106)	
	Pentachlorophenol	100	95.2	ug/L	95				20 (47)	160 (114)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169661BL

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab File ID: BF143725.D

Lab Sample ID: PB169661BL

Instrument ID: BNA_F

Date Extracted: 09/11/2025

Matrix: (soil/water) water

Date Analyzed: 09/12/2025

Level: (low/med) LOW

Time Analyzed: 11:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169589TB	PB169589TB	BF143727.D	09/12/2025
PB169661BS	PB169661BS	BF143726.D	09/12/2025
SOIL-PILE-1	Q3032-02	BF143711.D	09/11/2025
SOIL-PILE-1MS	Q3032-02MS	BF143712.D	09/11/2025
SOIL-PILE-1MSD	Q3032-02MSD	BF143713.D	09/11/2025
SOIL-PILE-2	Q3032-05	BF143714.D	09/11/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143675.D
Instrument ID: BNA_F

Contract: ZUCC01
SDG NO.: Q3032
DFTPP Injection Date: 09/09/2025
DFTPP Injection Time: 08:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	29.3
70	Less than 2.0% of mass 69	0.1 (0.2) 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	3.2
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.4 (18.4) 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
SSTDICC2.5	SSTDICC2.5	BF143676.D	09/09/2025	09:12
SSTDICC005	SSTDICC005	BF143677.D	09/09/2025	09:41
SSTDICC010	SSTDICC010	BF143678.D	09/09/2025	10:10
SSTDICC020	SSTDICC020	BF143679.D	09/09/2025	10:39
SSTDICCC040	SSTDICCC040	BF143680.D	09/09/2025	11:08
SSTDICC050	SSTDICC050	BF143681.D	09/09/2025	11:37
SSTDICC060	SSTDICC060	BF143682.D	09/09/2025	12:07
SSTDICC080	SSTDICC080	BF143683.D	09/09/2025	13:54



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143700.D
Instrument ID: BNA_F

Contract: ZUCC01
SDG NO.: Q3032
DFTPP Injection Date: 09/11/2025
DFTPP Injection Time: 12:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	28.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 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	BF143701.D	09/11/2025	12:31
SOIL-PILE-1	Q3032-02	BF143711.D	09/11/2025	17:30
SOIL-PILE-1MS	Q3032-02MS	BF143712.D	09/11/2025	17:59
SOIL-PILE-1MSD	Q3032-02MSD	BF143713.D	09/11/2025	18:29
SOIL-PILE-2	Q3032-05	BF143714.D	09/11/2025	18:59



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143723.D
Instrument ID: BNA_F

Contract: ZUCC01
SDG NO.: Q3032
DFTPP Injection Date: 09/12/2025
DFTPP Injection Time: 10:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	26.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6
365	Greater than 1% of mass 198	2.9
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	18.6 (18.6) 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	BF143724.D	09/12/2025	10:43
PB169661BL	PB169661BL	BF143725.D	09/12/2025	11:12
PB169661BS	PB169661BS	BF143726.D	09/12/2025	11:42
PB169589TB	PB169589TB	BF143727.D	09/12/2025	12:11

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3032

Client ID : SSTDCCC040

Date Analyzed: 09/11/2025

Lab File ID: BF143701.D

Time Analyzed: 12:31

Instrument ID: BNA_F

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	44409	6.893	171787	8.18	99519	9.93
UPPER LIMIT	88818	7.393	343574	8.675	199038	10.433
LOWER LIMIT	22204.5	6.393	85893.5	7.675	49759.5	9.433
EPA SAMPLE NO.						
01 SOIL-PILE-1	33623	6.89	122515	8.18	63838	9.93
02 SOIL-PILE-1MS	38125	6.90	141026	8.18	74973	9.93
03 SOIL-PILE-1MSD	37951	6.89	143541	8.18	73691	9.93
04 SOIL-PILE-2	33729	6.89	126928	8.18	65757	9.93

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3032

Client ID: SSTDCCC040

Date Analyzed: 09/11/2025

Lab File ID: BF143701.D

Time Analyzed: 12:31

Instrument ID: BNA_F

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	157461	11.422	95771	14.063	101516	15.539
UPPER LIMIT	314922	11.922	191542	14.563	203032	16.039
LOWER LIMIT	78730.5	10.922	47885.5	13.563	50758	15.039
EPA SAMPLE NO.						
01 SOIL-PILE-1	93833	11.42	88396	14.06	72226	15.54
02 SOIL-PILE-1MS	106474	11.42	98778	14.06	80025	15.54
03 SOIL-PILE-1MSD	101346	11.42	96866	14.06	76435	15.54
04 SOIL-PILE-2	91415	11.42	85213	14.06	67179	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: Alliance

Lab Code: ACE

SDG NO.: Q3032

Client ID : SSTDCCC040

Date Analyzed: 09/12/2025

Lab File ID: BF143724.D

Time Analyzed: 10:43

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	40222	6.898	153379	8.18	85989	9.93
UPPER LIMIT	80444	7.398	306758	8.681	171978	10.433
LOWER LIMIT	20111	6.398	76689.5	7.681	42994.5	9.433
EPA SAMPLE NO.						
01 PB169661BL	37749	6.89	143431	8.18	79960	9.93
02 PB169661BS	35028	6.89	132353	8.18	72610	9.93
03 PB169589TB	35136	6.89	136153	8.18	76475	9.93

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3032

Client ID: SSTDCCC040

Date Analyzed: 09/12/2025

Lab File ID: BF143724.D

Time Analyzed: 10:43

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	134354	11.422	79299	14.063	89357	15.539
UPPER LIMIT	268708	11.922	158598	14.563	178714	16.039
LOWER LIMIT	67177	10.922	39649.5	13.563	44678.5	15.039
EPA SAMPLE NO.						
01 PB169661BL	125741	11.42	78519	14.06	85245	15.54
02 PB169661BS	108626	11.42	67628	14.06	78937	15.55
03 PB169589TB	119403	11.42	74214	14.06	80815	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.



SAMPLE DATA

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/11/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/11/25
Client Sample ID:	PB169589TB	SDG No.:	Q3032
Lab Sample ID:	PB169589TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143727.D	1	09/11/25 08:40	09/12/25 12:11	PB169661

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	140		15 (23) - 110 (138)	93%	SPK: 150
13127-88-3	Phenol-d6	138		15 (10) - 110 (134)	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.8		30 (67) - 130 (132)	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.5		30 (52) - 130 (132)	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		15 (44) - 110 (137)	90%	SPK: 150
1718-51-0	Terphenyl-d14	90.7		30 (42) - 130 (152)	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	35100	6.892			
1146-65-2	Naphthalene-d8	136000	8.175			
15067-26-2	Acenaphthene-d10	76500	9.933			
1517-22-2	Phenanthrene-d10	119000	11.422			
1719-03-5	Chrysene-d12	74200	14.057			
1520-96-3	Perylene-d12	80800	15.539			

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/11/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/11/25
Client Sample ID:	PB169589TB	SDG No.:	Q3032
Lab Sample ID:	PB169589TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143727.D	1	09/11/25 08:40	09/12/25 12:11	PB169661

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\BF091225\
Data File : BF143727.D
Acq On : 12 Sep 2025 12:11
Operator : RC/JU
Sample : PB169589TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169589TB

Quant Time: Sep 12 12:37:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	35136	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	136153	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	76475	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	119403	20.000	ng	0.01
76) Chrysene-d12	14.057	240	74214	20.000	ng	0.01
86) Perylene-d12	15.539	264	80815	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	287595	139.651	ng	0.02
7) Phenol-d6	6.516	99	345905	137.948	ng	0.01
23) Nitrobenzene-d5	7.451	82	207432	94.764	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	103967	134.900	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	478509	94.520	ng	0.00
79) Terphenyl-d14	13.010	244	415201	90.662	ng	0.02

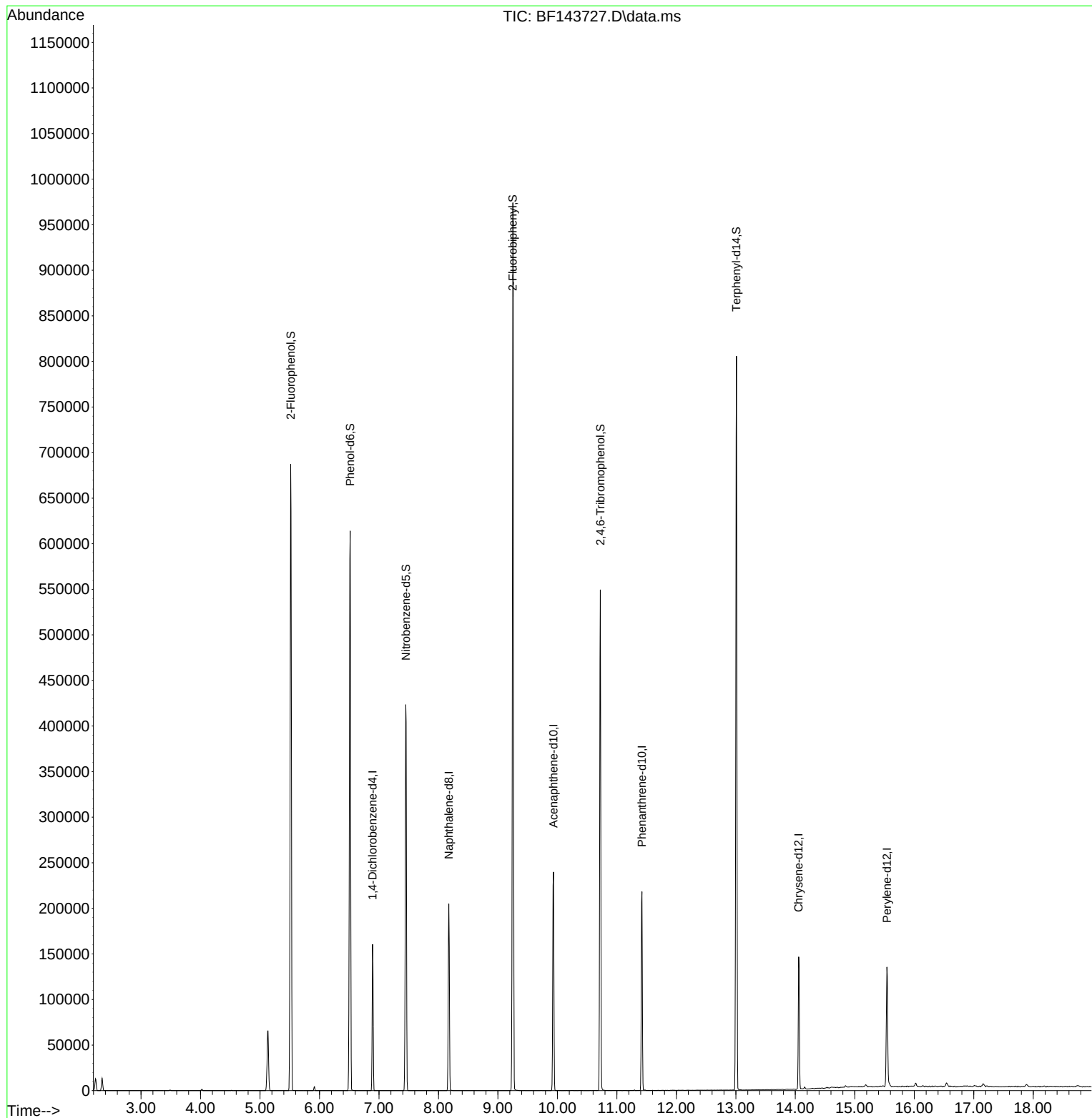
Target Compounds	Qvalue

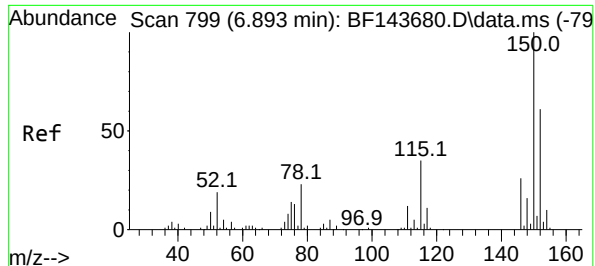
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143727.D
Acq On : 12 Sep 2025 12:11
Operator : RC/JU
Sample : PB169589TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169589TB

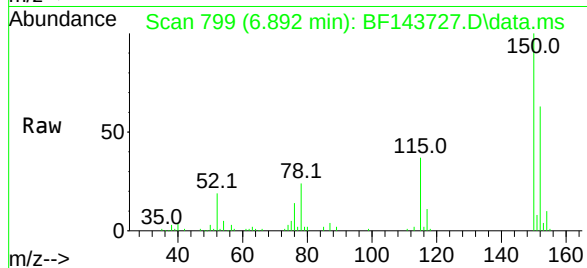
Quant Time: Sep 12 12:37:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



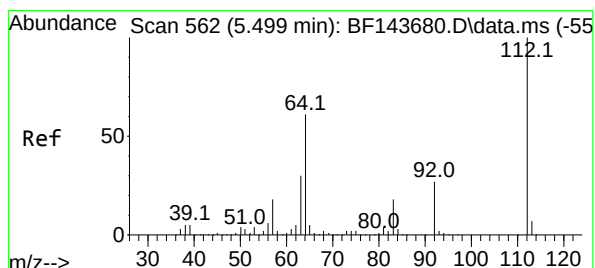
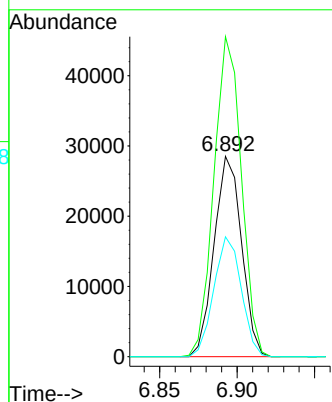
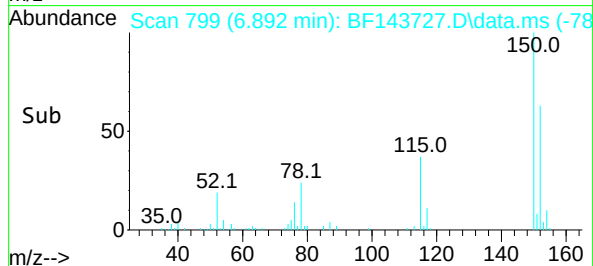


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

Instrument :
BNA_F
ClientSampleId :
PB169589TB

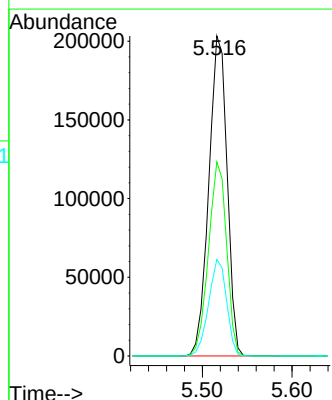
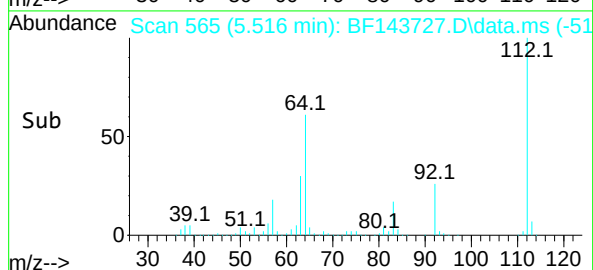
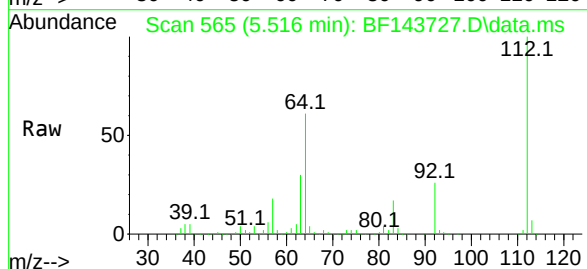


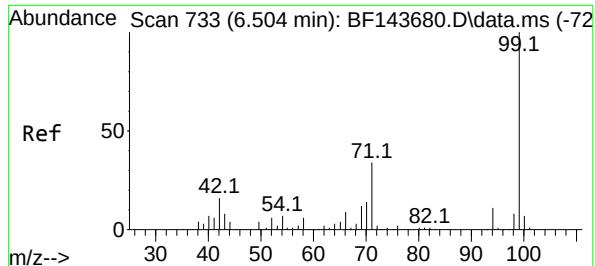
Tgt Ion:152 Resp: 35136
Ion Ratio Lower Upper
152 100
150 159.7 130.7 196.1
115 59.8 45.9 68.9



#5
2-Fluorophenol
Concen: 139.651 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.018 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

Tgt Ion:112 Resp: 287595
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 30.2 24.3 36.5

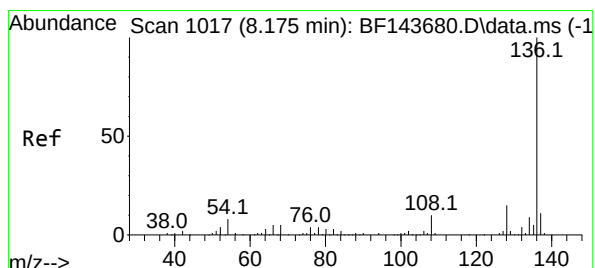
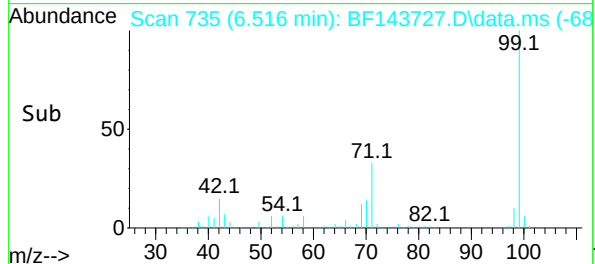
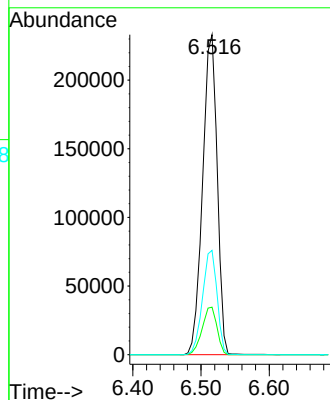
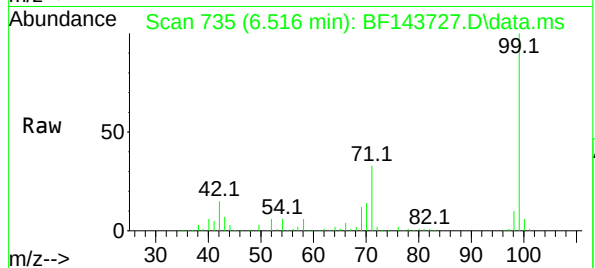




#7
Phenol-d6
Concen: 137.948 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

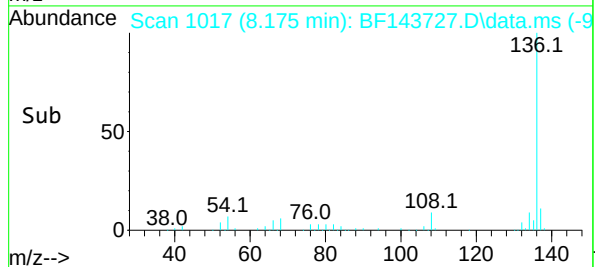
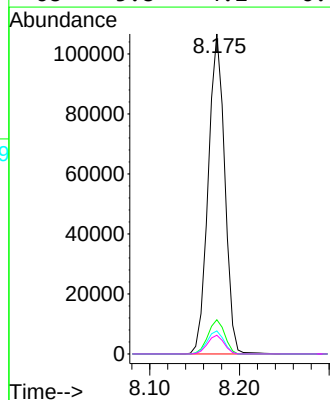
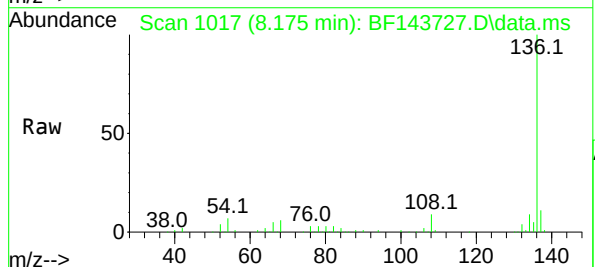
Instrument :
BNA_F
ClientSampleId :
PB169589TB

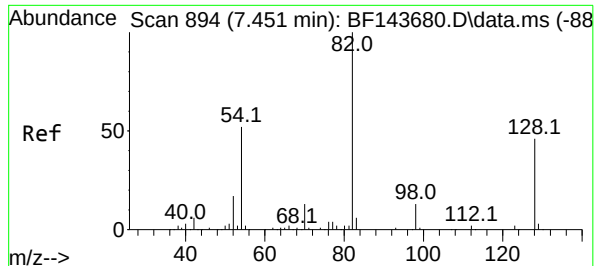
Tgt Ion: 99 Resp: 345905
Ion Ratio Lower Upper
99 100
42 14.9 13.0 19.4
71 32.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

Tgt Ion: 136 Resp: 136153
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.2 6.2 9.2
68 5.8 4.2 6.4





#23

Nitrobenzene-d5

Concen: 94.764 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143727.D

Acq: 12 Sep 2025 12:11

Instrument :

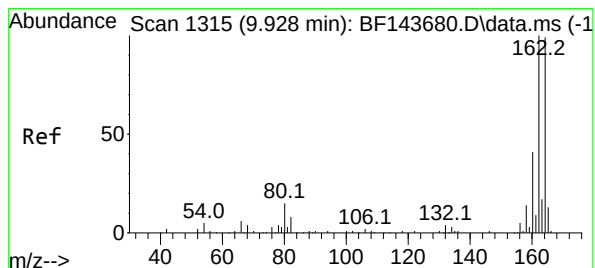
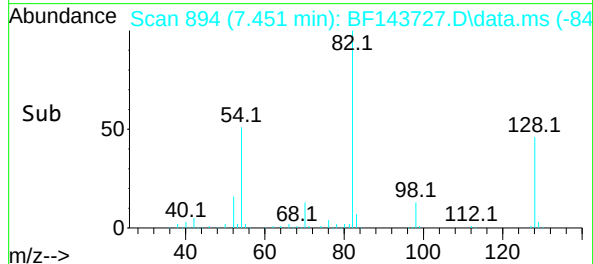
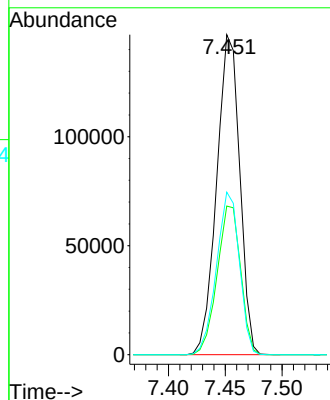
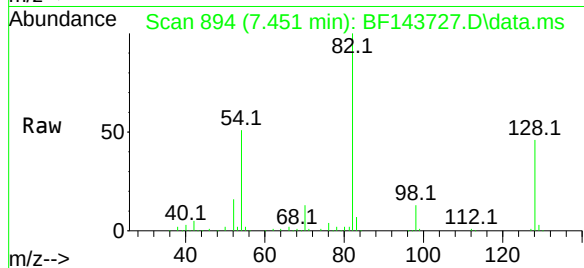
BNA_F

ClientSampleId :

PB169589TB

Tgt Ion: 82 Resp: 207432

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.0	55.4
54	50.8	41.8	62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

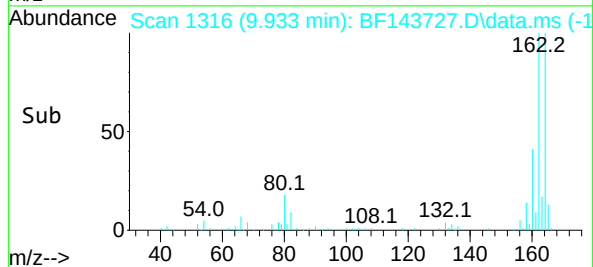
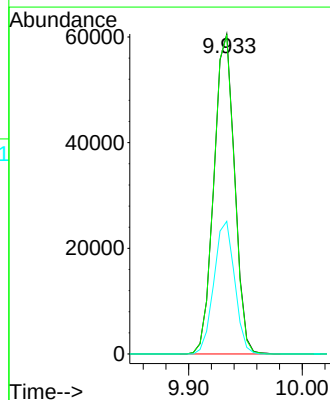
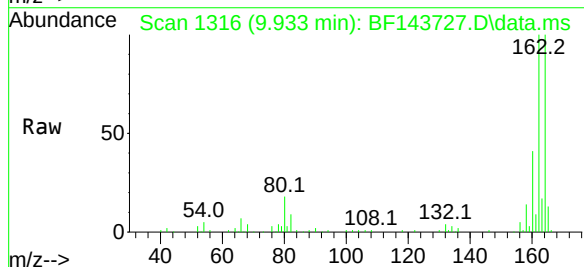
Delta R.T. 0.006 min

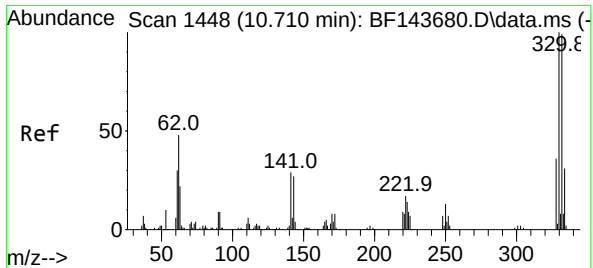
Lab File: BF143727.D

Acq: 12 Sep 2025 12:11

Tgt Ion:164 Resp: 76475

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	121.0
160	41.5	33.0	49.4

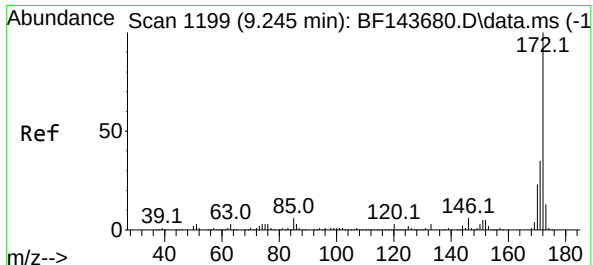
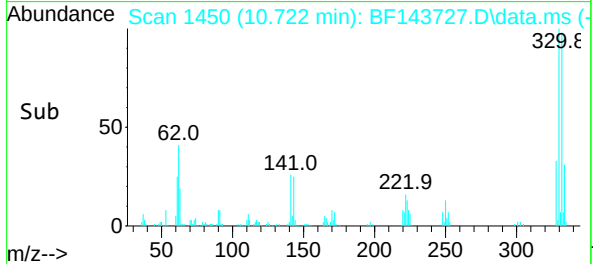
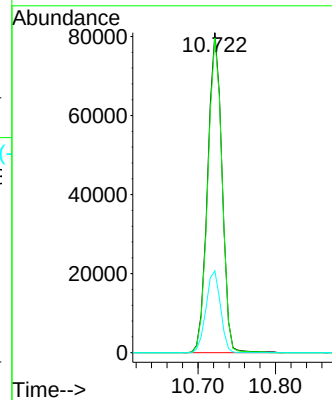
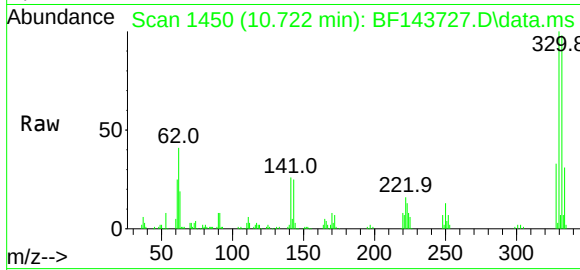




#42
2,4,6-Tribromophenol
Concen: 134.900 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

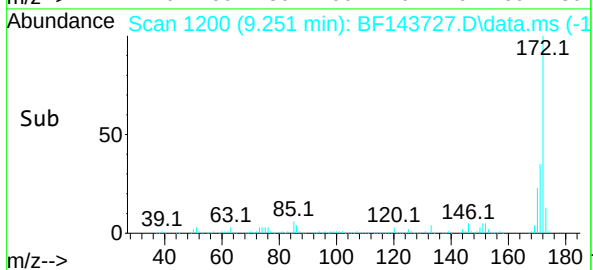
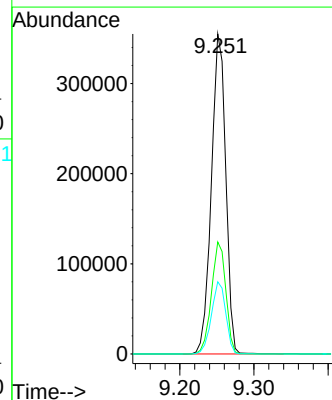
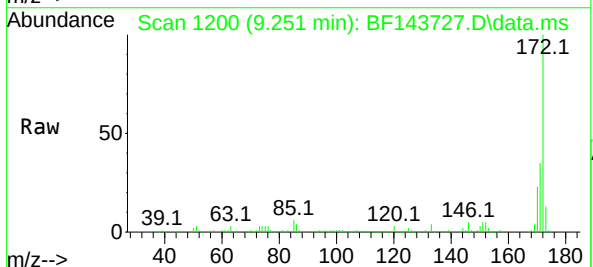
Instrument :
BNA_F
ClientSampleId :
PB169589TB

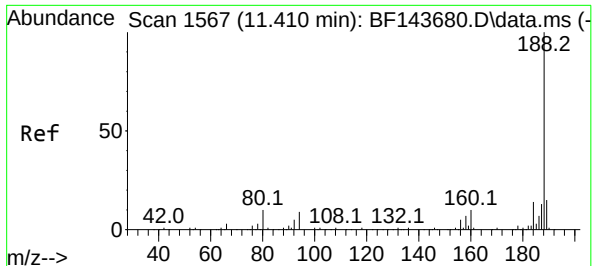
Tgt Ion	330	Resp	103967
Ion Ratio	Lower	Upper	
330	100		
332	97.6	79.2	118.8
141	25.7	22.2	33.4



#45
2-Fluorobiphenyl
Concen: 94.520 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

Tgt Ion	172	Resp	478509
Ion Ratio	Lower	Upper	
172	100		
171	35.0	27.9	41.9
170	22.5	18.6	27.8

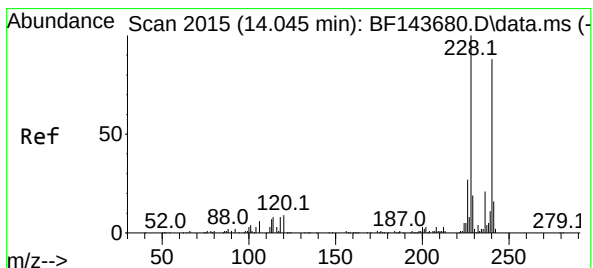
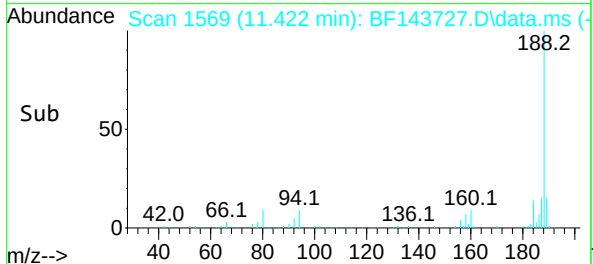
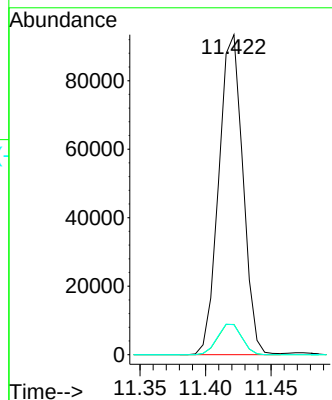
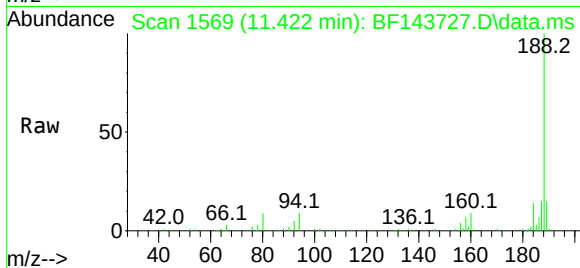




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

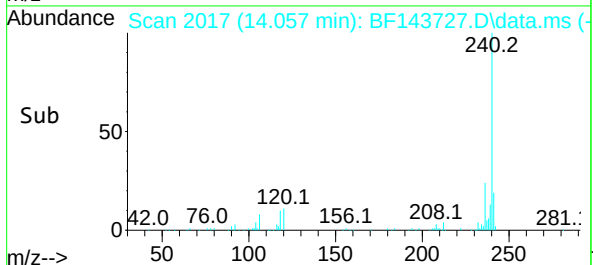
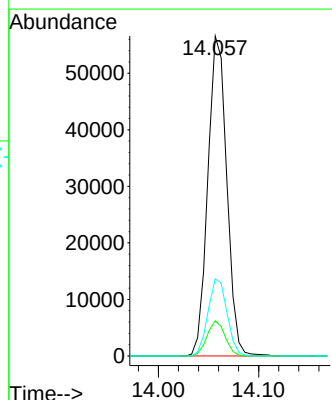
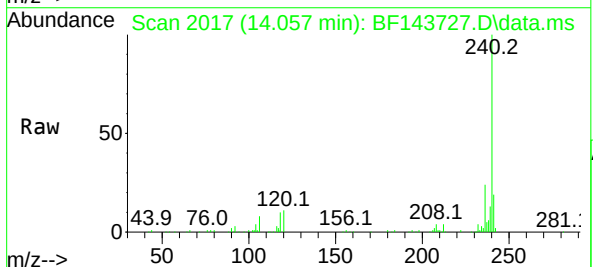
Instrument :
BNA_F
ClientSampleId :
PB169589TB

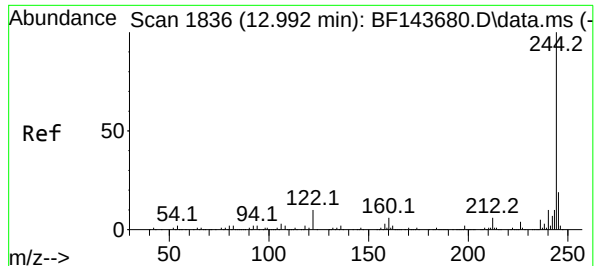
Tgt Ion:188 Resp: 119403
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 9.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BF143727.D
Acq: 12 Sep 2025 12:11

Tgt Ion:240 Resp: 74214
Ion Ratio Lower Upper
240 100
120 11.0 8.4 12.6
236 24.1 18.6 28.0





#79

Terphenyl-d14

Concen: 90.662 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.018 min

Lab File: BF143727.D

Acq: 12 Sep 2025 12:11

Instrument :

BNA_F

ClientSampleId :

PB169589TB

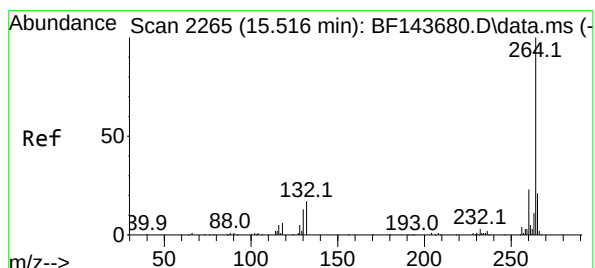
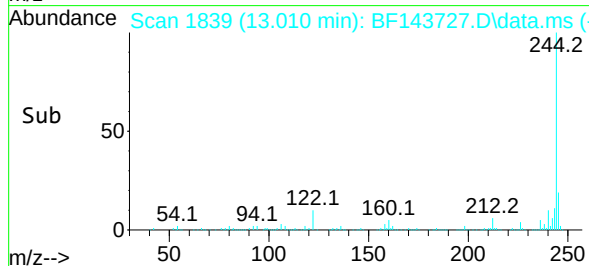
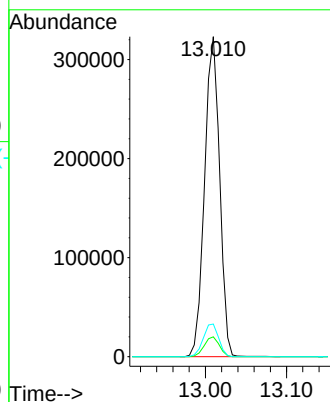
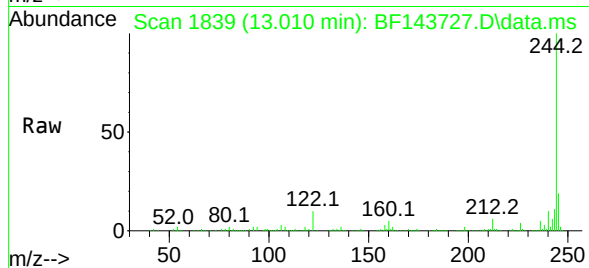
Tgt Ion:244 Resp: 415201

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.6

122 10.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.023 min

Lab File: BF143727.D

Acq: 12 Sep 2025 12:11

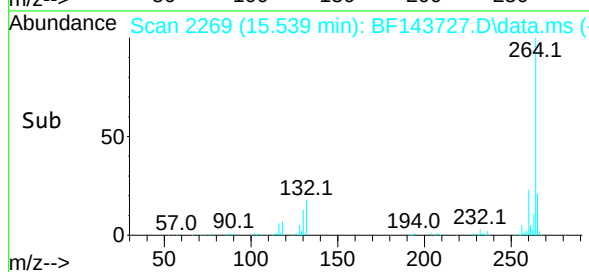
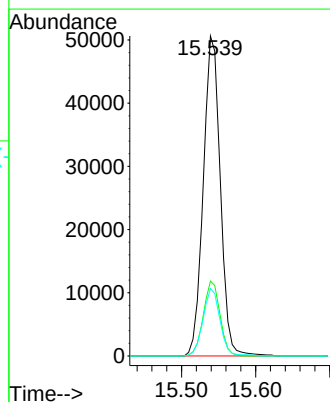
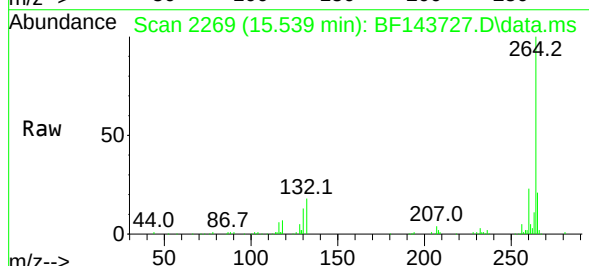
Tgt Ion:264 Resp: 80815

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.1 17.1 25.7



Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-02	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143711.D	1	09/11/25 08:40	09/11/25 17:30	PB169661

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	132		15 (23) - 110 (138)	88%	SPK: 150
13127-88-3	Phenol-d6	122		15 (10) - 110 (134)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	104		30 (67) - 130 (132)	104%	SPK: 100
321-60-8	2-Fluorobiphenyl	106		30 (52) - 130 (132)	106%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		15 (44) - 110 (137)	95%	SPK: 150
1718-51-0	Terphenyl-d14	81.1		30 (42) - 130 (152)	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	33600	6.892			
1146-65-2	Naphthalene-d8	123000	8.175			
15067-26-2	Acenaphthene-d10	63800	9.927			
1517-22-2	Phenanthrene-d10	93800	11.416			
1719-03-5	Chrysene-d12	88400	14.057			
1520-96-3	Perylene-d12	72200	15.539			

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-02	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143711.D	1	09/11/25 08:40	09/11/25 17:30	PB169661

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\BF091125\
Data File : BF143711.D
Acq On : 11 Sep 2025 17:30
Operator : RC/JU
Sample : Q3032-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1

Quant Time: Sep 11 17:50:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	33623	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	122515	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	63838	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	93833	20.000	ng	0.00
76) Chrysene-d12	14.057	240	88396	20.000	ng	0.01
86) Perylene-d12	15.539	264	72226	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	259721	131.791	ng	0.02
7) Phenol-d6	6.510	99	293256	122.214	ng	0.00
23) Nitrobenzene-d5	7.451	82	204215	103.679	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	91447	142.143	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	448057	106.025	ng	0.00
79) Terphenyl-d14	13.010	244	442618	81.143	ng	0.02

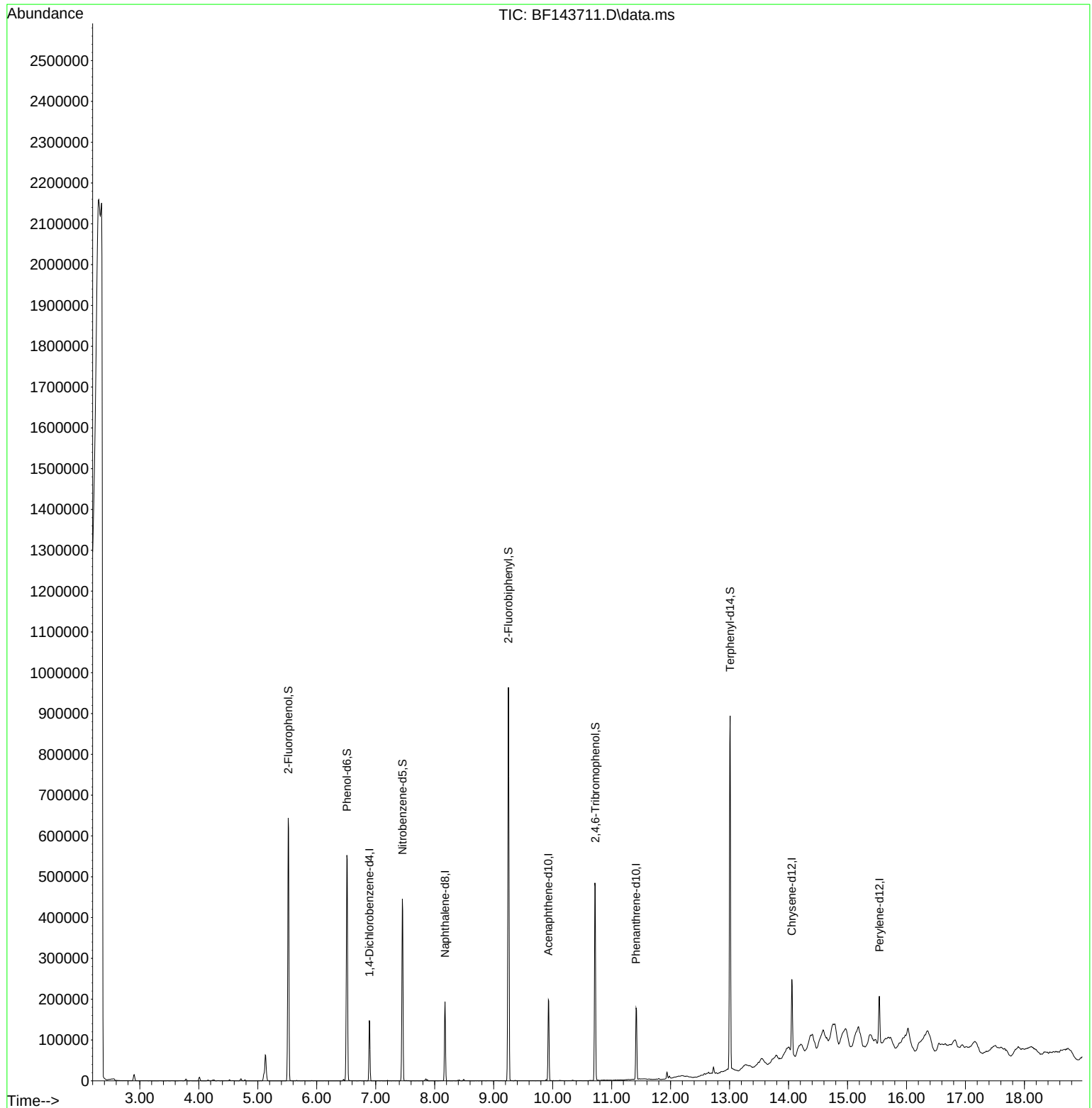
Target Compounds	Qvalue

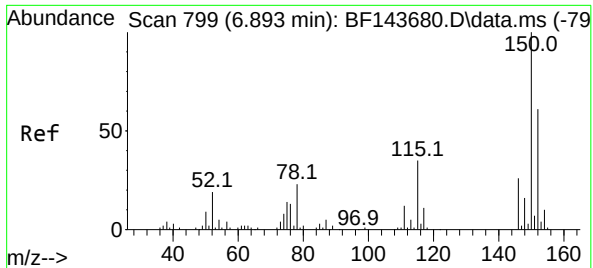
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143711.D
Acq On : 11 Sep 2025 17:30
Operator : RC/JU
Sample : Q3032-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1

Quant Time: Sep 11 17:50:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

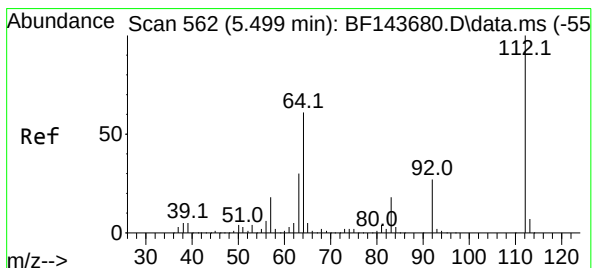
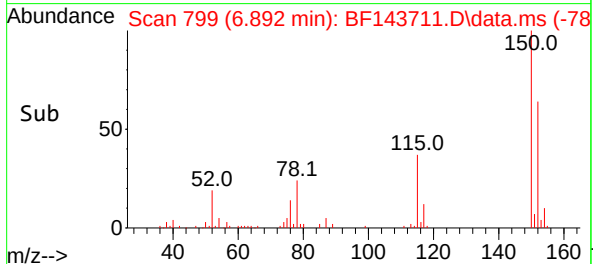
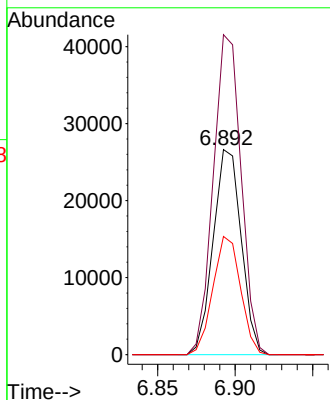
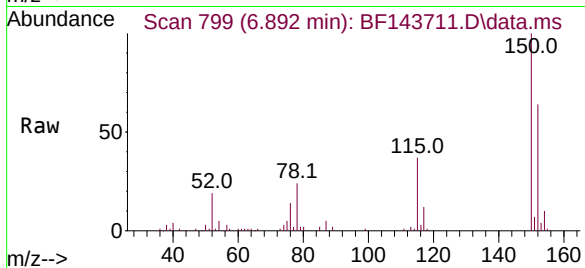




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143711.D
Acq: 11 Sep 2025 17:30

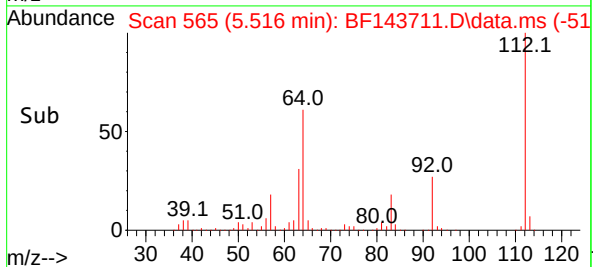
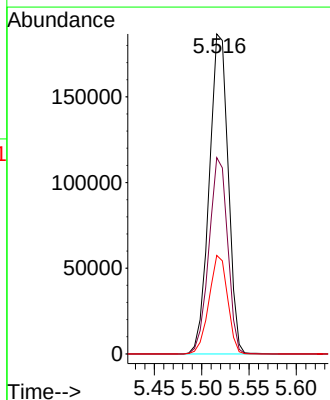
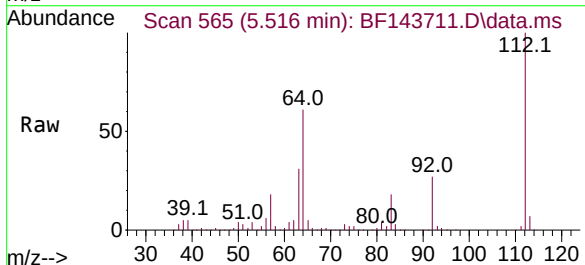
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1

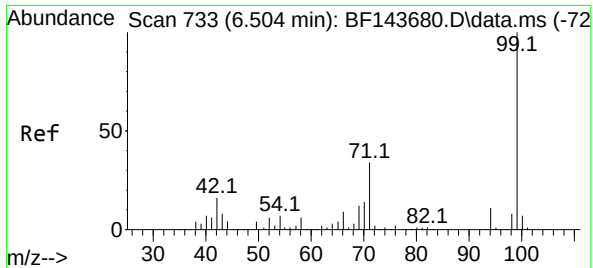
Tgt Ion:152 Resp: 33623
Ion Ratio Lower Upper
152 100
150 156.1 130.7 196.1
115 57.6 45.9 68.9



#5
2-Fluorophenol
Concen: 131.791 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.017 min
Lab File: BF143711.D
Acq: 11 Sep 2025 17:30

Tgt Ion:112 Resp: 259721
Ion Ratio Lower Upper
112 100
64 61.3 49.0 73.4
63 30.8 24.3 36.5

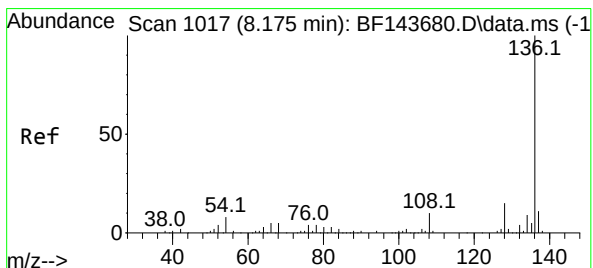
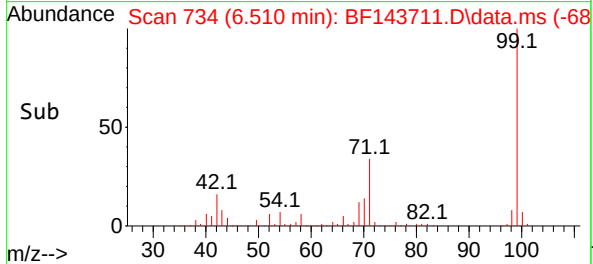
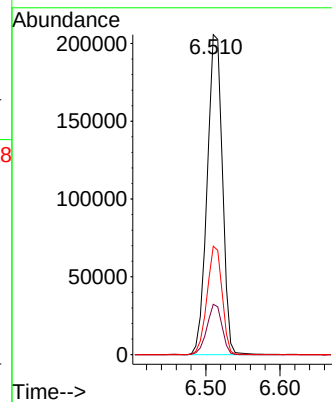
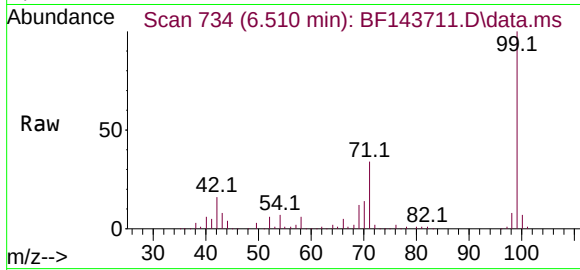




#7
Phenol-d6
Concen: 122.214 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF143711.D
Acq: 11 Sep 2025 17:30

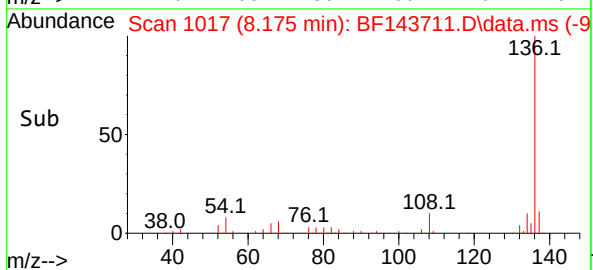
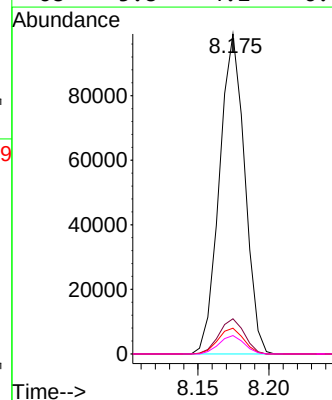
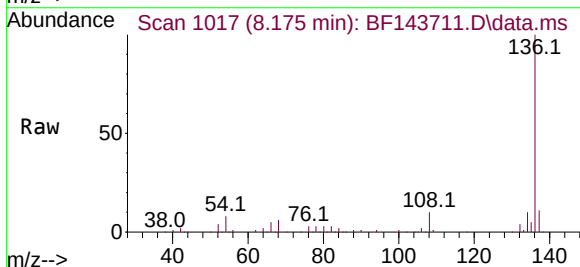
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1

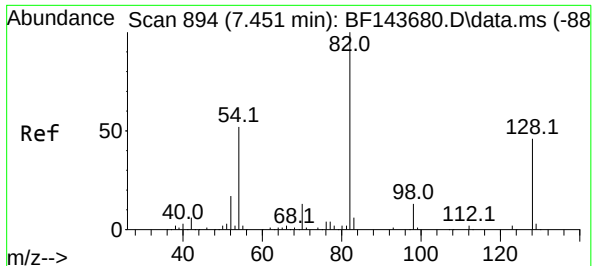
Tgt Ion: 99 Resp: 293256
Ion Ratio Lower Upper
99 100
42 15.7 13.0 19.4
71 33.9 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143711.D
Acq: 11 Sep 2025 17:30

Tgt Ion: 136 Resp: 122515
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.0 6.2 9.2
68 5.8 4.2 6.4





#23

Nitrobenzene-d5

Concen: 103.679 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143711.D

Acq: 11 Sep 2025 17:30

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1

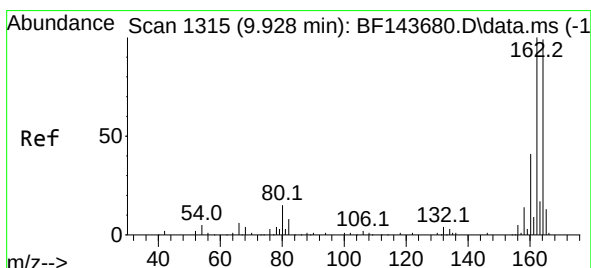
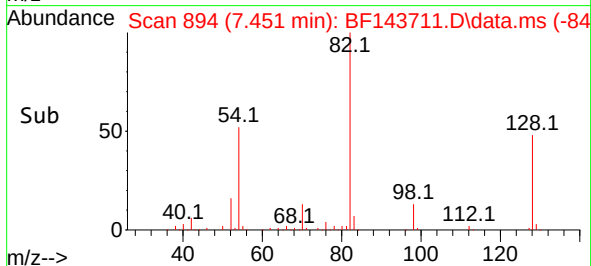
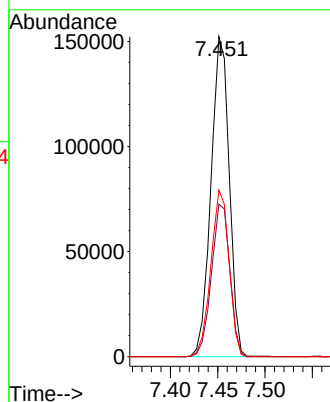
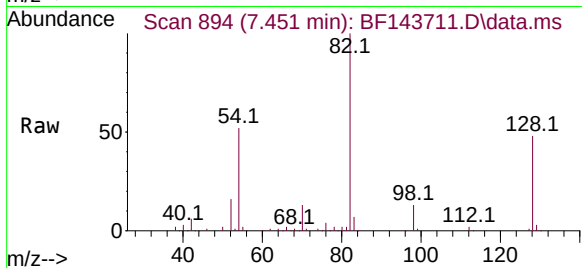
Tgt Ion: 82 Resp: 204215

Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.4

54 52.0 41.8 62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF143711.D

Acq: 11 Sep 2025 17:30

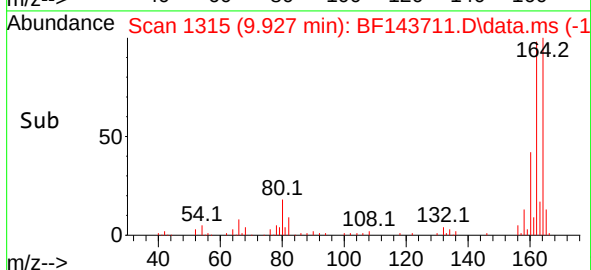
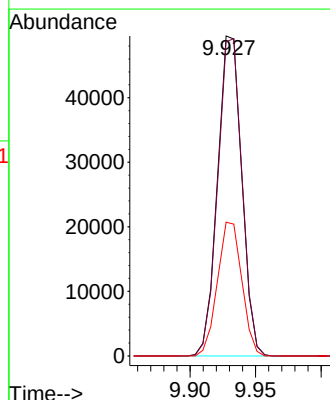
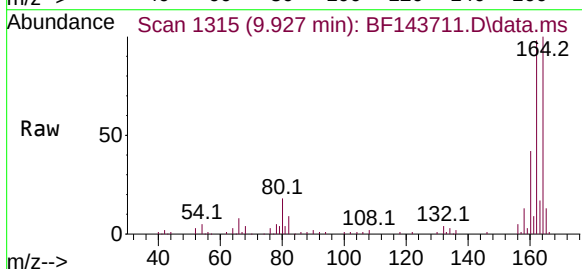
Tgt Ion:164 Resp: 63838

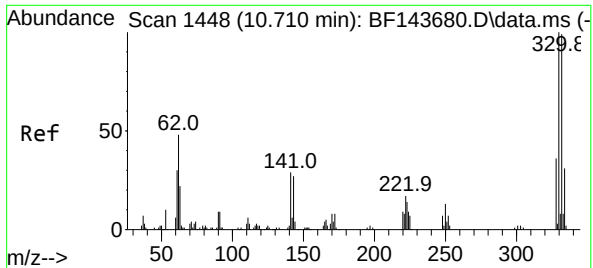
Ion Ratio Lower Upper

164 100

162 98.2 80.6 121.0

160 41.8 33.0 49.4

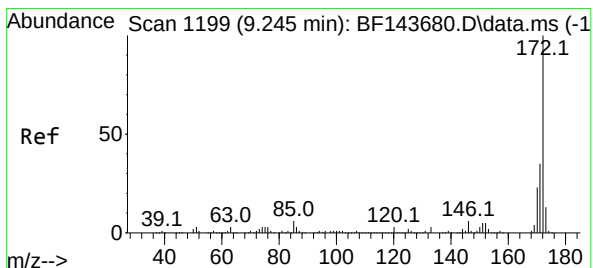
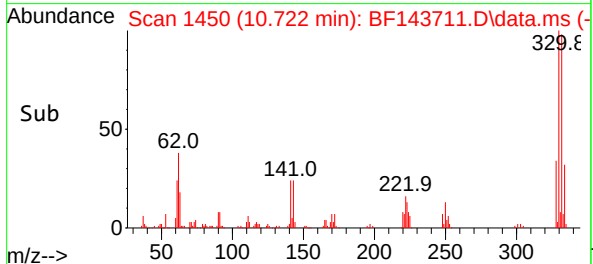
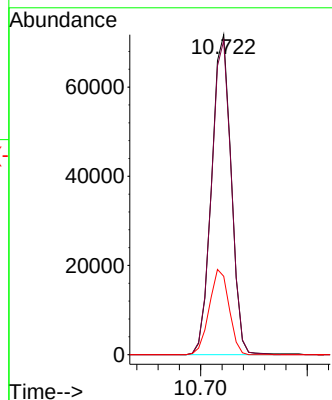
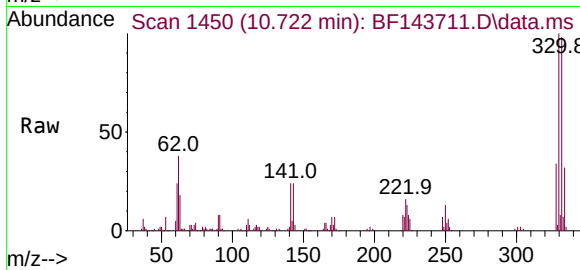




#42
2,4,6-Tribromophenol
Concen: 142.143 ng
RT: 10.722 min Scan# 1447
Delta R.T. 0.012 min
Lab File: BF143711.D
Acq: 11 Sep 2025 17:30

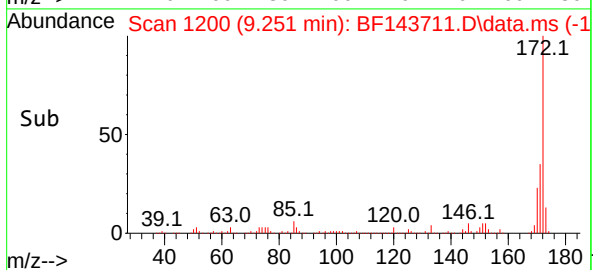
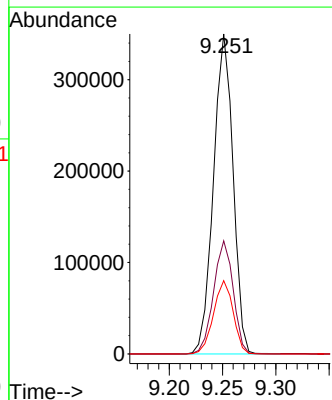
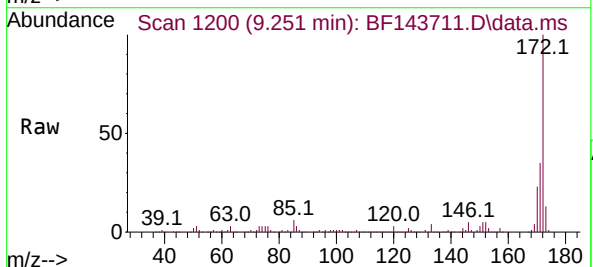
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1

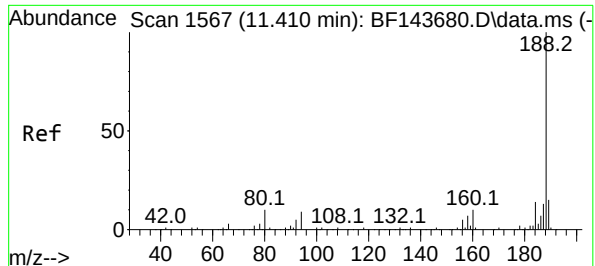
Tgt Ion:330 Resp: 91447
Ion Ratio Lower Upper
330 100
332 98.9 79.2 118.8
141 26.9 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 106.025 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143711.D
Acq: 11 Sep 2025 17:30

Tgt Ion:172 Resp: 448057
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.9 18.6 27.8

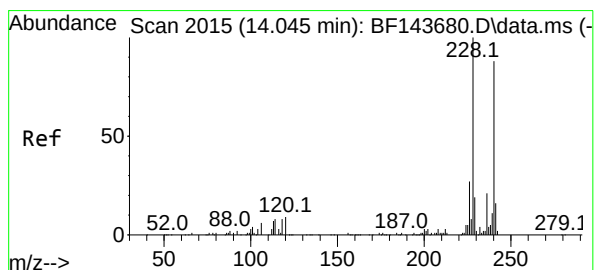
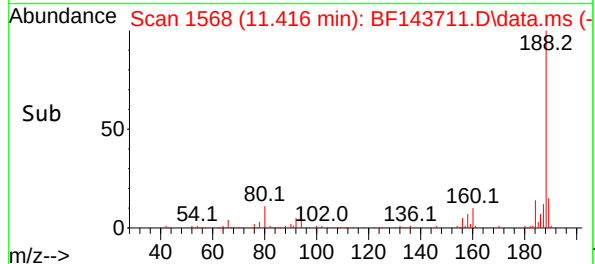
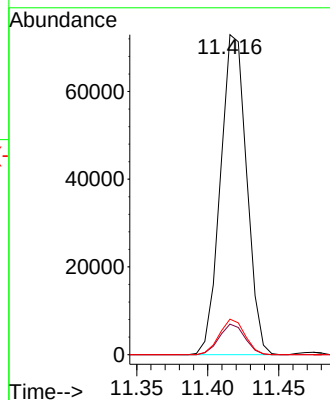
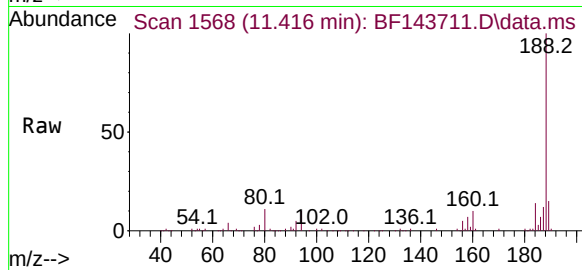




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143711.D
Acq: 11 Sep 2025 17:30

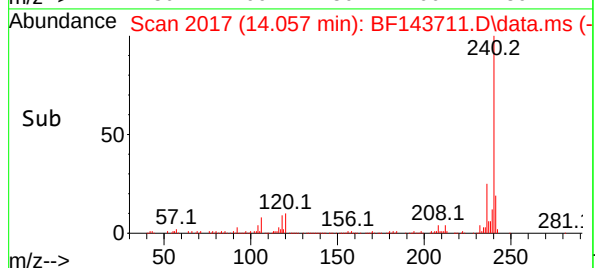
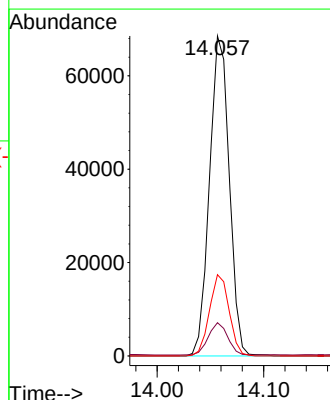
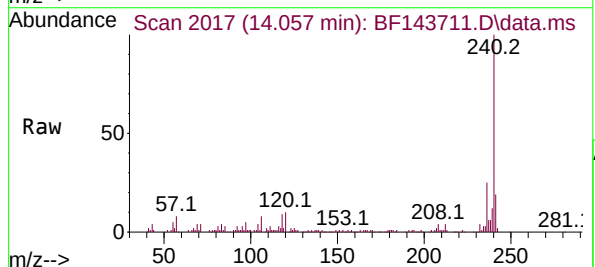
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1

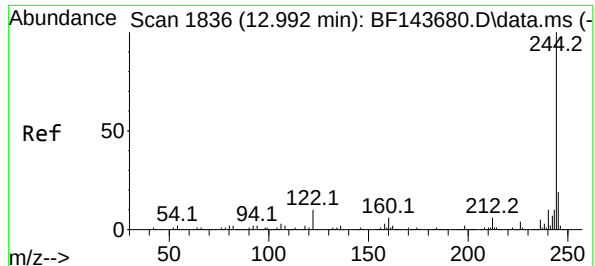
Tgt Ion:188 Resp: 93833
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 11.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BF143711.D
Acq: 11 Sep 2025 17:30

Tgt Ion:240 Resp: 88396
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.4 18.6 28.0





#79

Terphenyl-d14

Concen: 81.143 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.017 min

Lab File: BF143711.D

Acq: 11 Sep 2025 17:30

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1

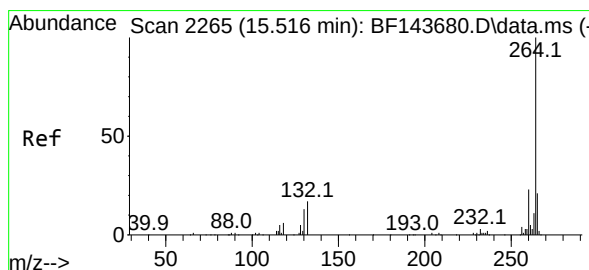
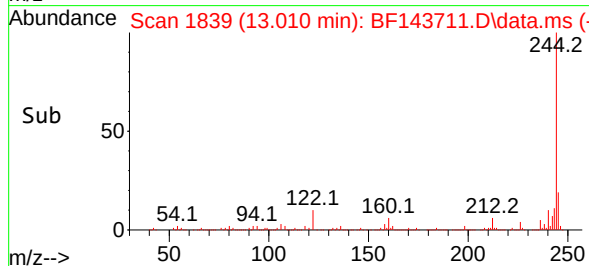
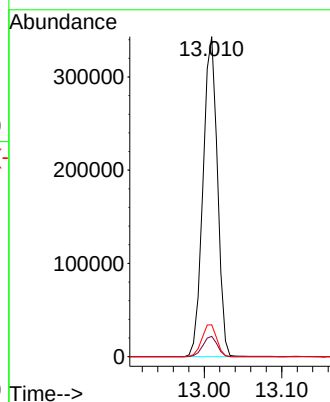
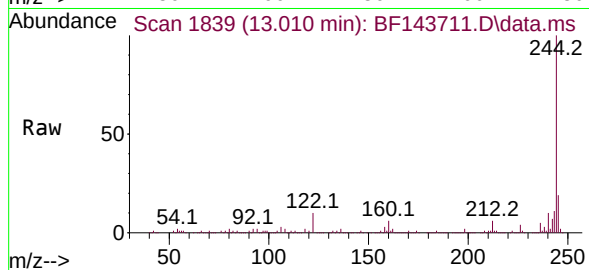
Tgt Ion:244 Resp: 442618

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.6

122 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.023 min

Lab File: BF143711.D

Acq: 11 Sep 2025 17:30

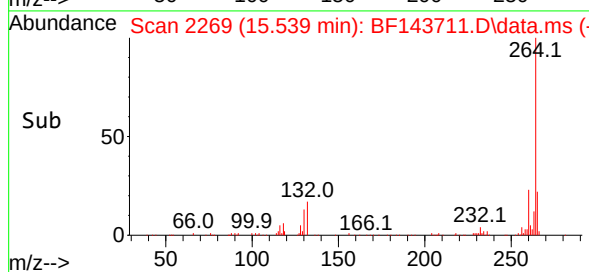
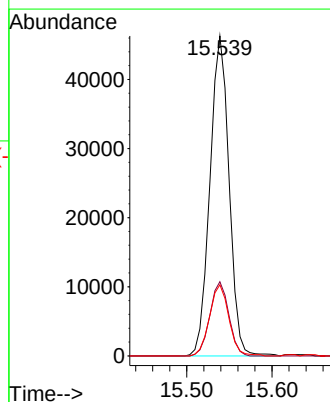
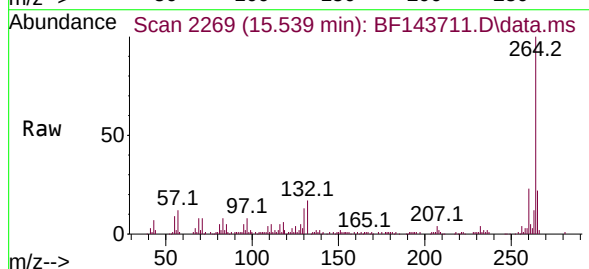
Tgt Ion:264 Resp: 72226

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 22.2 17.1 25.7



Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2	SDG No.:	Q3032
Lab Sample ID:	Q3032-05	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143714.D	1	09/11/25 08:40	09/11/25 18:59	PB169661

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	145		15 (23) - 110 (138)	97%	SPK: 150
13127-88-3	Phenol-d6	133		15 (10) - 110 (134)	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	109		30 (67) - 130 (132)	109%	SPK: 100
321-60-8	2-Fluorobiphenyl	108		30 (52) - 130 (132)	108%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		15 (44) - 110 (137)	96%	SPK: 150
1718-51-0	Terphenyl-d14	76.9		30 (42) - 130 (152)	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	33700	6.893			
1146-65-2	Naphthalene-d8	127000	8.175			
15067-26-2	Acenaphthene-d10	65800	9.928			
1517-22-2	Phenanthrene-d10	91400	11.416			
1719-03-5	Chrysene-d12	85200	14.057			
1520-96-3	Perylene-d12	67200	15.539			

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2	SDG No.:	Q3032
Lab Sample ID:	Q3032-05	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143714.D	1	09/11/25 08:40	09/11/25 18:59	PB169661

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\BF091125\
Data File : BF143714.D
Acq On : 11 Sep 2025 18:59
Operator : RC/JU
Sample : Q3032-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-2

Quant Time: Sep 12 04:38:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	33729	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	126928	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	65757	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	91415	20.000	ng	0.00
76) Chrysene-d12	14.057	240	85213	20.000	ng	0.01
86) Perylene-d12	15.539	264	67179	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	287561	145.459	ng	0.02
7) Phenol-d6	6.510	99	320076	132.972	ng	0.00
23) Nitrobenzene-d5	7.451	82	222768	109.167	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	95653	144.342	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	470521	108.091	ng	0.00
79) Terphenyl-d14	13.004	244	404342	76.895	ng	0.01

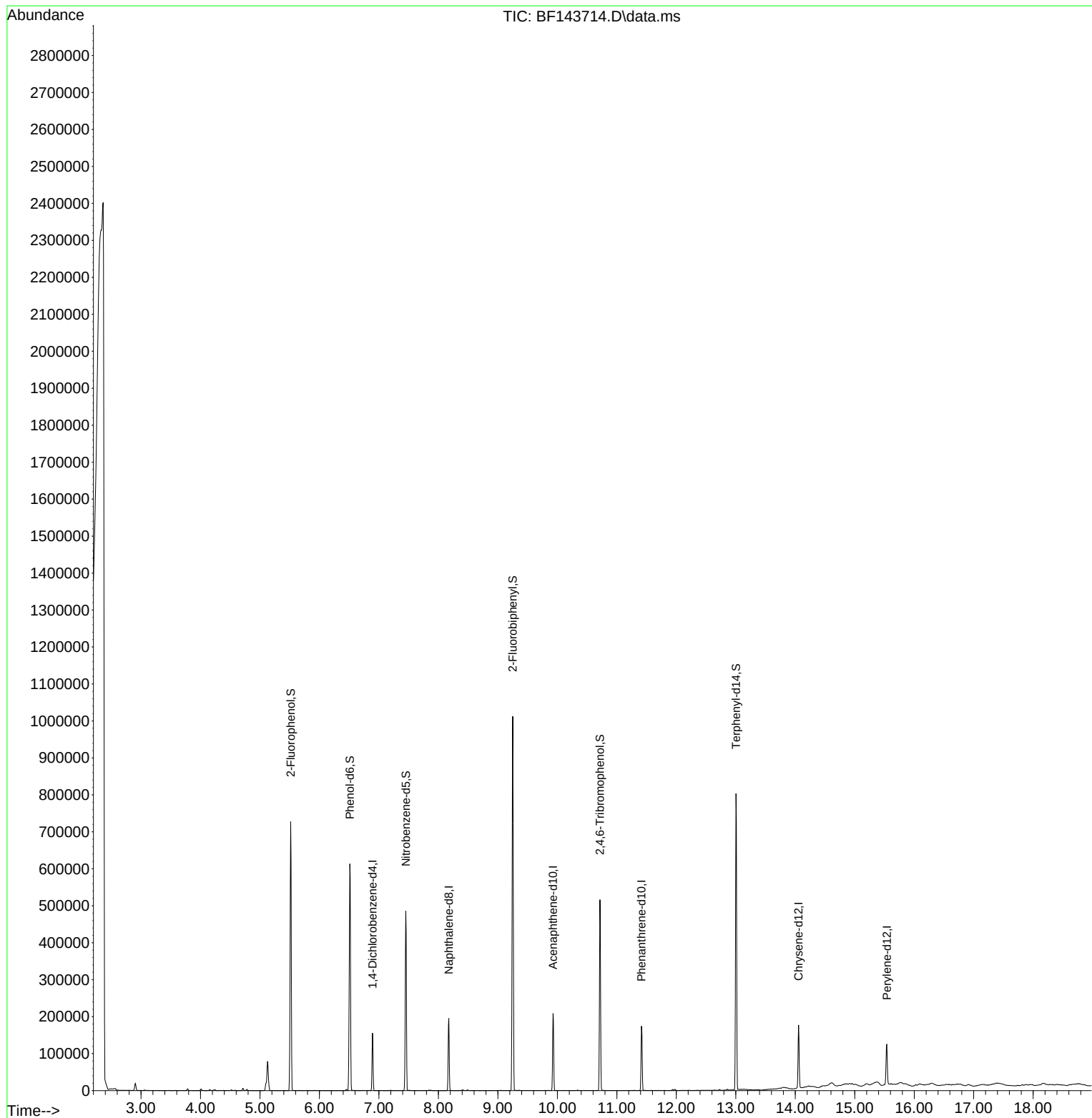
Target Compounds	Qvalue

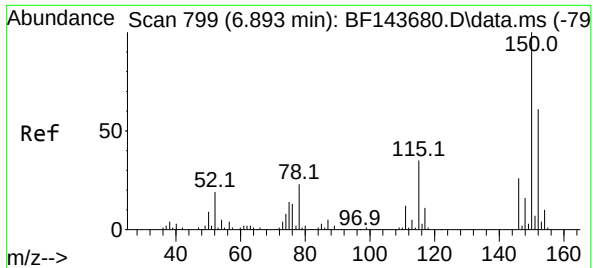
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143714.D
Acq On : 11 Sep 2025 18:59
Operator : RC/JU
Sample : Q3032-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-2

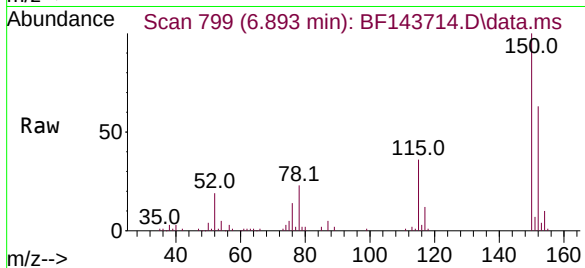
Quant Time: Sep 12 04:38:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



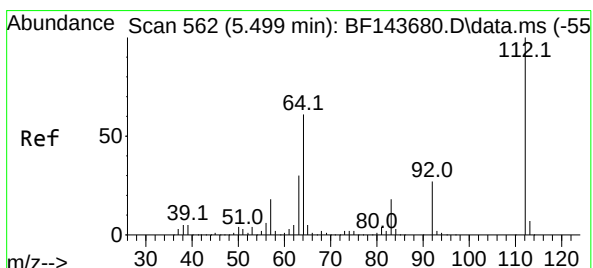
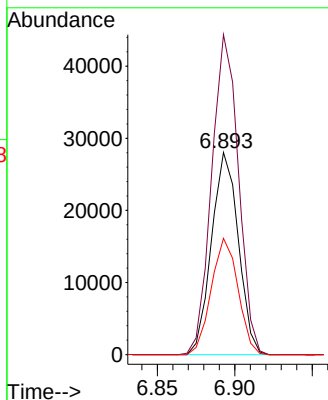
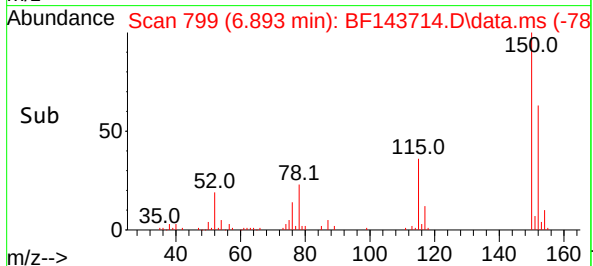


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143714.D
Acq: 11 Sep 2025 18:59

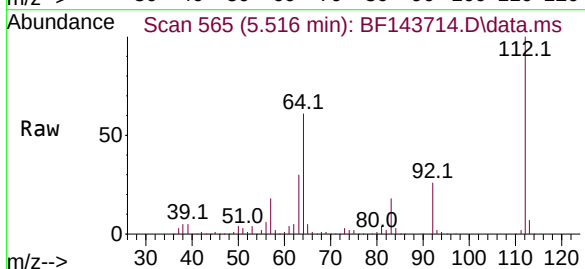
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-2



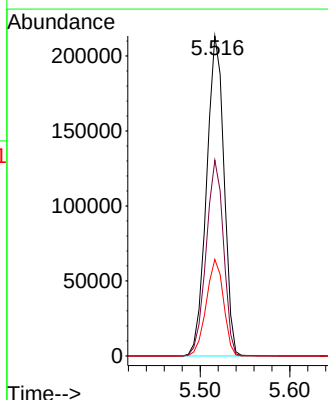
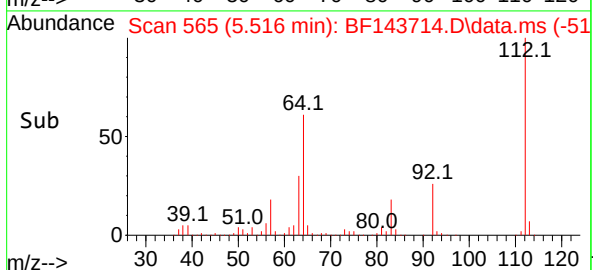
Tgt Ion:152 Resp: 33729
Ion Ratio Lower Upper
152 100
150 158.2 130.7 196.1
115 57.5 45.9 68.9

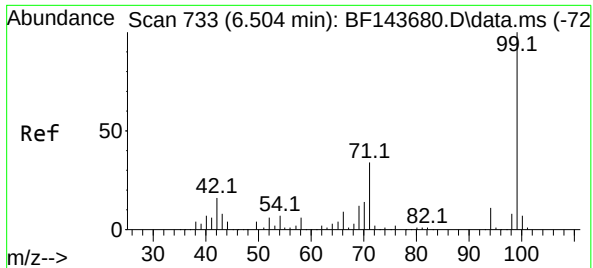


#5
2-Fluorophenol
Concen: 145.459 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.018 min
Lab File: BF143714.D
Acq: 11 Sep 2025 18:59



Tgt Ion:112 Resp: 287561
Ion Ratio Lower Upper
112 100
64 61.2 49.0 73.4
63 30.1 24.3 36.5

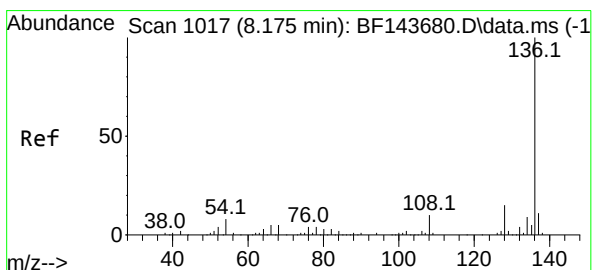
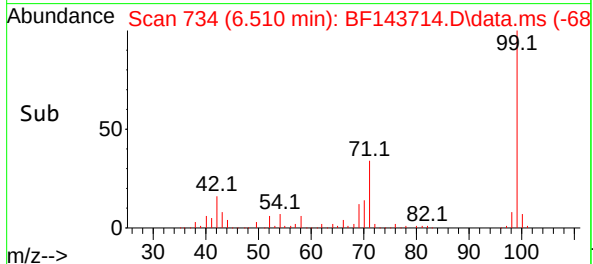
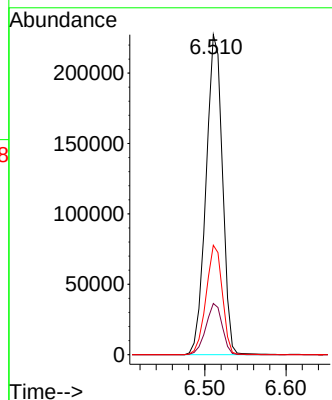
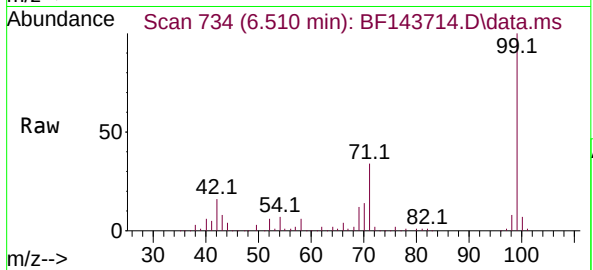




#7
Phenol-d6
Concen: 132.972 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF143714.D
Acq: 11 Sep 2025 18:59

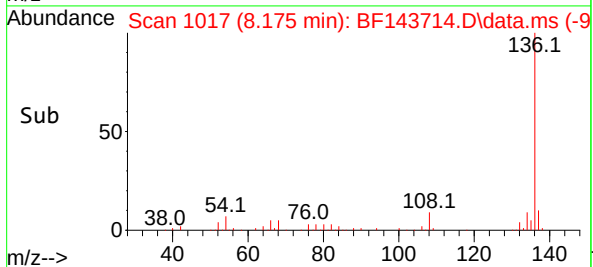
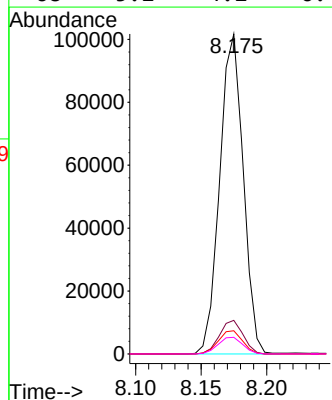
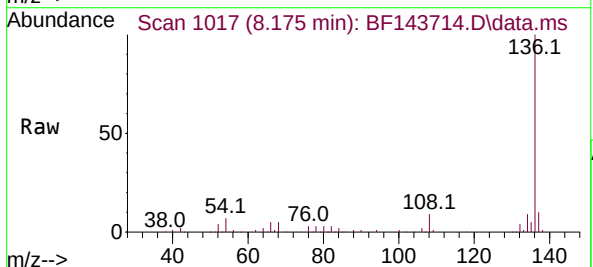
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-2

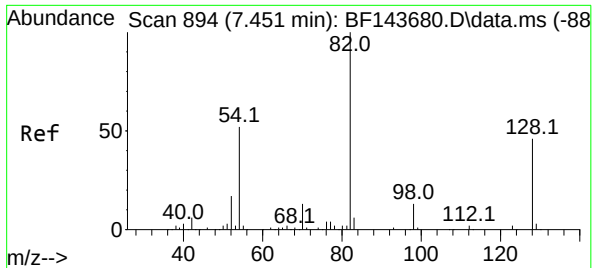
Tgt Ion: 99 Resp: 320076
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 34.2 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF143714.D
Acq: 11 Sep 2025 18:59

Tgt Ion: 136 Resp: 126928
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.2 6.2 9.2
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 109.167 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF143714.D

Acq: 11 Sep 2025 18:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-2

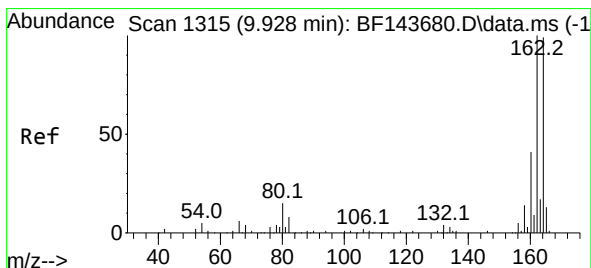
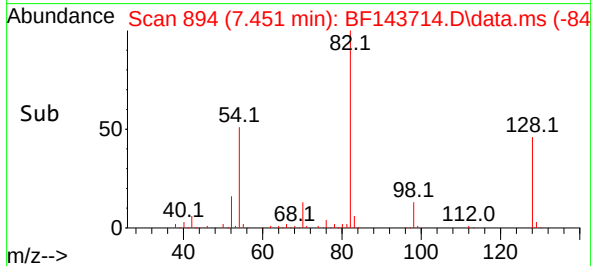
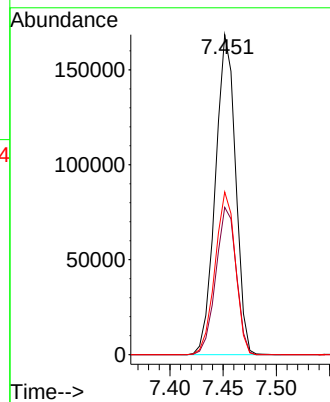
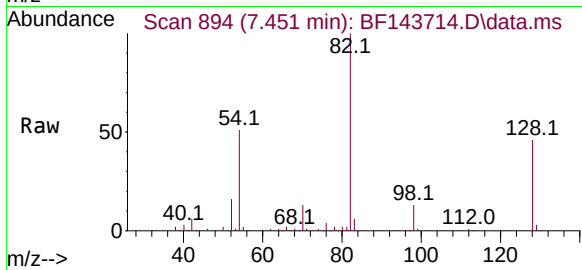
Tgt Ion: 82 Resp: 222768

Ion Ratio Lower Upper

82 100

128 46.0 37.0 55.4

54 50.8 41.8 62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BF143714.D

Acq: 11 Sep 2025 18:59

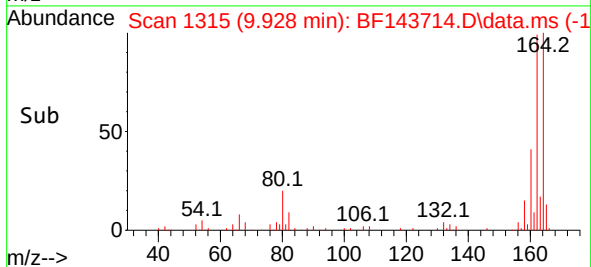
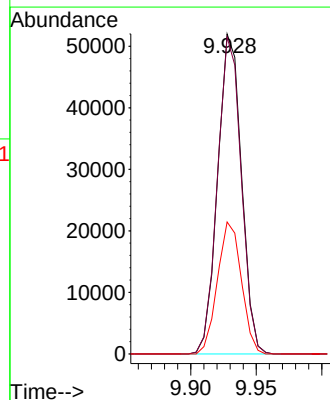
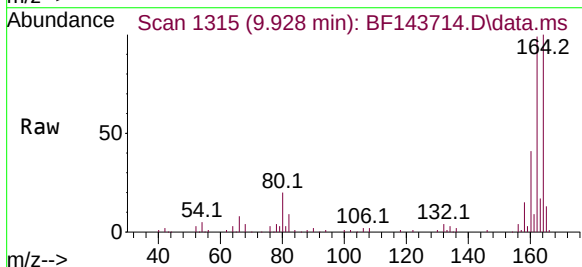
Tgt Ion:164 Resp: 65757

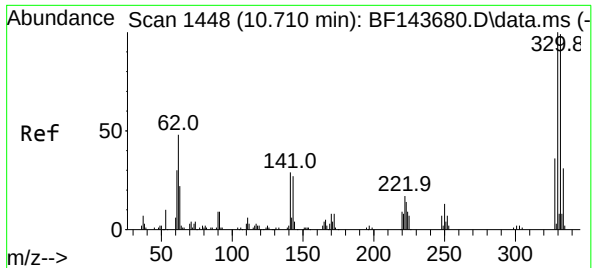
Ion Ratio Lower Upper

164 100

162 99.0 80.6 121.0

160 41.2 33.0 49.4

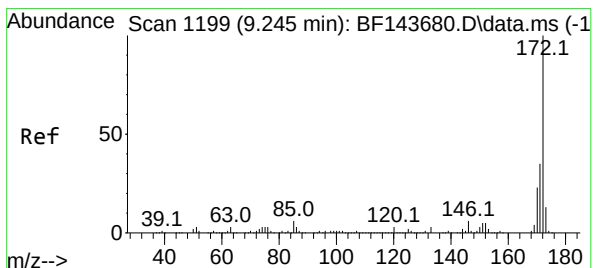
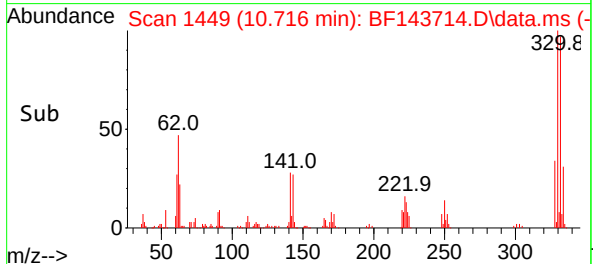
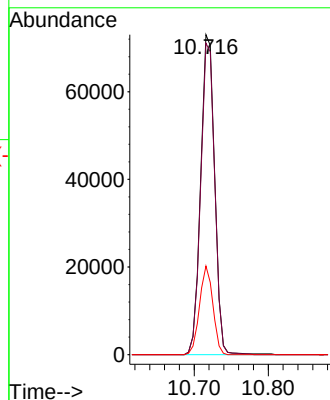
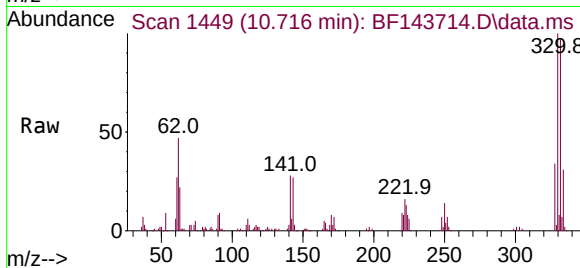




#42
2,4,6-Tribromophenol
Concen: 144.342 ng
RT: 10.716 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF143714.D
Acq: 11 Sep 2025 18:59

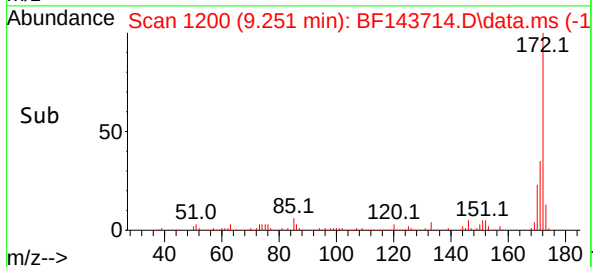
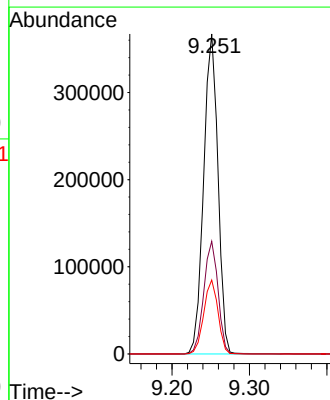
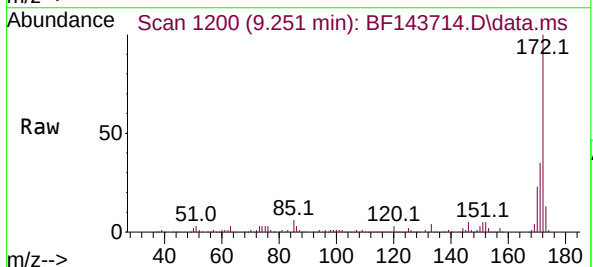
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-2

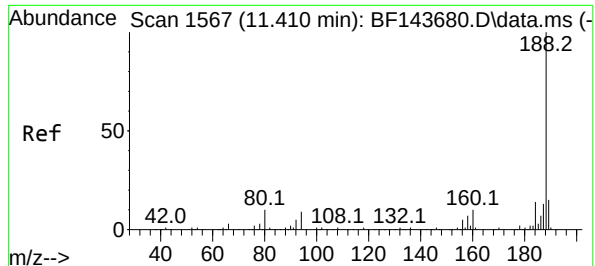
Tgt Ion	330	Resp	95653
Ion Ratio	Lower	Upper	
330	100		
332	97.3	79.2	118.8
141	26.4	22.2	33.4



#45
2-Fluorobiphenyl
Concen: 108.091 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143714.D
Acq: 11 Sep 2025 18:59

Tgt Ion	172	Resp	470521
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.9	41.9
170	23.1	18.6	27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143714.D

Acq: 11 Sep 2025 18:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-2

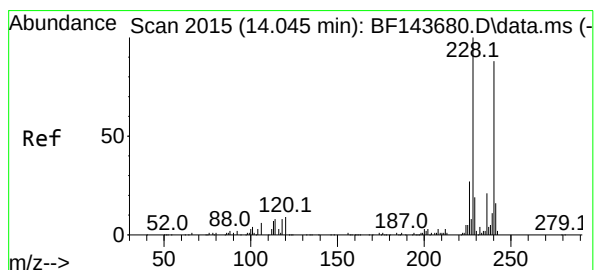
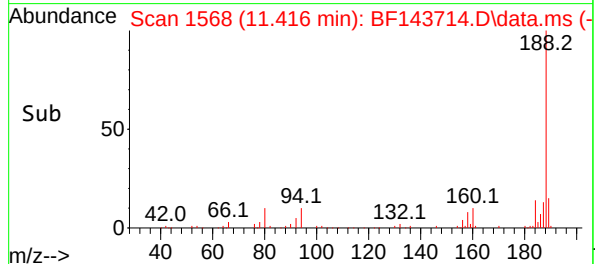
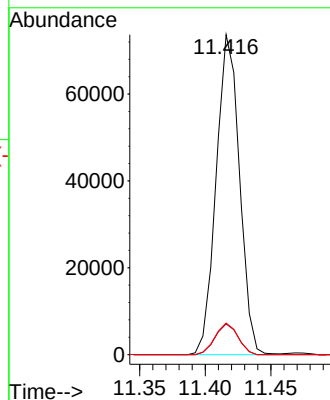
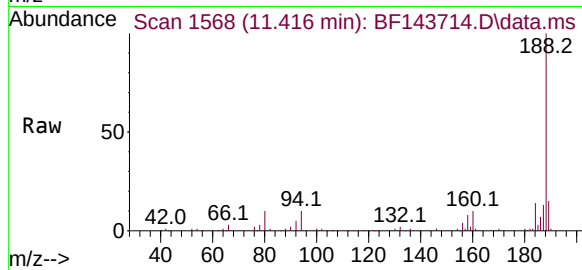
Tgt Ion:188 Resp: 91415

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.0

80 9.9 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.012 min

Lab File: BF143714.D

Acq: 11 Sep 2025 18:59

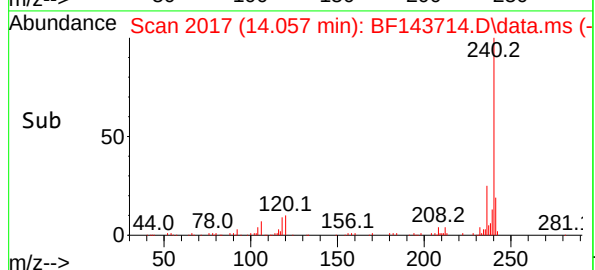
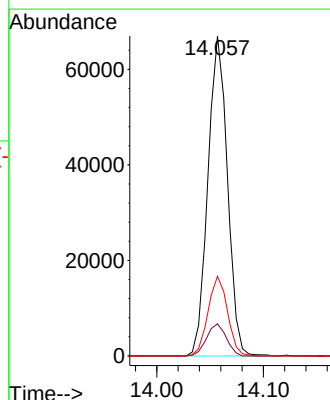
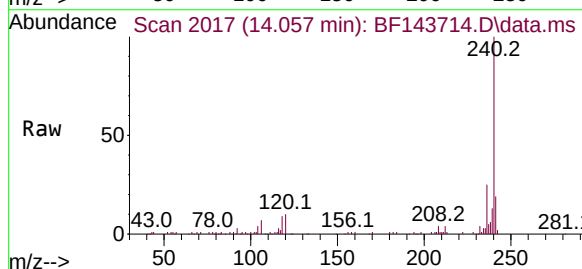
Tgt Ion:240 Resp: 85213

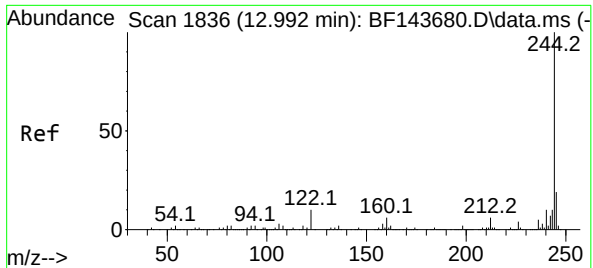
Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

236 24.9 18.6 28.0





#79

Terphenyl-d14

Concen: 76.895 ng

RT: 13.004 min Scan# 1838

Delta R.T. 0.012 min

Lab File: BF143714.D

Acq: 11 Sep 2025 18:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-2

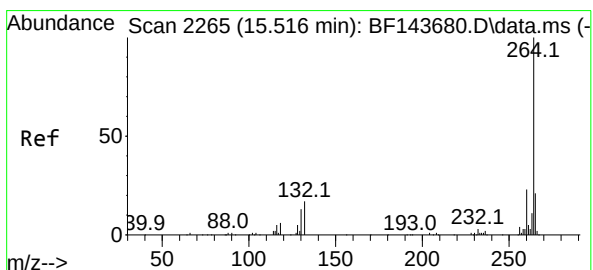
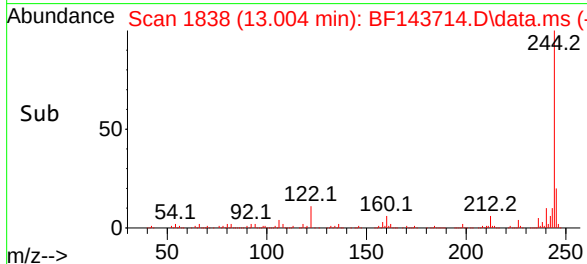
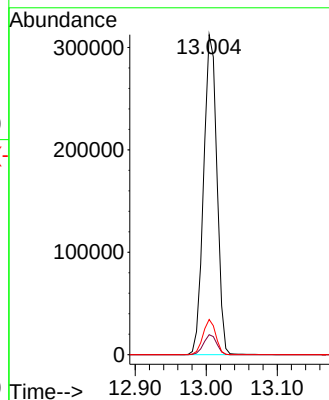
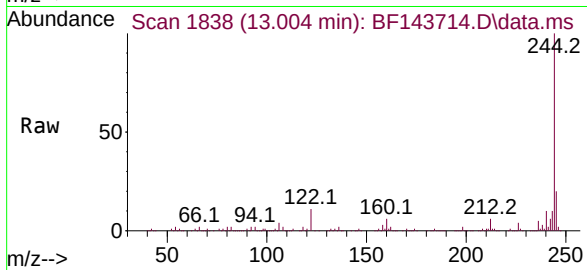
Tgt Ion:244 Resp: 404342

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.6

122 11.0 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.024 min

Lab File: BF143714.D

Acq: 11 Sep 2025 18:59

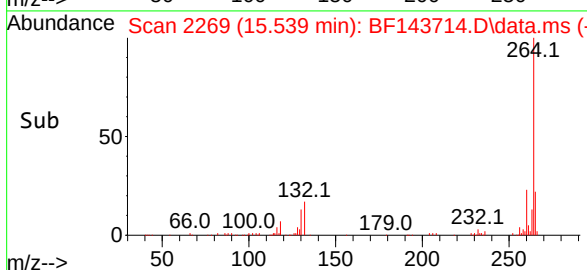
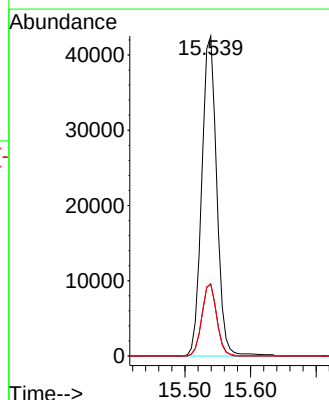
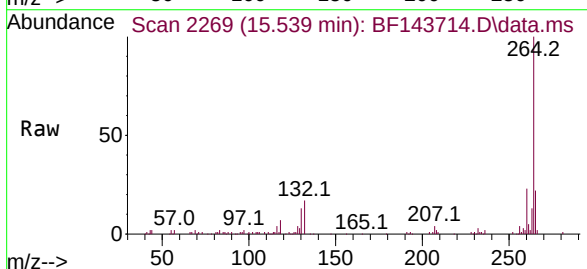
Tgt Ion:264 Resp: 67179

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 22.4 17.1 25.7





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: AllianceContract: ZUCC01Lab Code: ACESDG No.: Q3032Instrument ID: BNA_FCalibration Date(s): 09/09/2025 09/09/2025Calibration Time(s): 09:12 13:54

LAB FILE ID:		RRF2.5 = BF143676.D		RRF005 = BF143677.D		RRF010 = BF143678.D		
		RRF020 = BF143679.D		RRF040 = BF143680.D		RRF050 = BF143681.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.286	1.362	1.371	1.400	1.331	1.351	2.7
2-Fluorophenol	1.173	1.171	1.163	1.207	1.227	1.133	1.172	2.6
Phenol-d6	1.434	1.429	1.424	1.484	1.469	1.381	1.427	2.5
1,4-Dichlorobenzene		1.509	1.447	1.512	1.499	1.428	1.461	3.1
2-Methylphenol		0.966	1.004	1.049	1.041	1.009	1.018	2.8
3+4-Methylphenols			1.351	1.375	1.405	1.313	1.341	3.4
Nitrobenzene-d5	0.290	0.325	0.318	0.328	0.330	0.319	0.322	4.3
Hexachloroethane		0.478	0.452	0.482	0.492	0.458	0.472	3.0
Nitrobenzene		0.330	0.325	0.344	0.341	0.325	0.333	2.3
Hexachlorobutadiene		0.200	0.198	0.206	0.204	0.193	0.200	2.2
2,4,6-Trichlorophenol		0.370	0.362	0.405	0.402	0.372	0.382	4.2
2-Fluorobiphenyl	1.397	1.405	1.355	1.366	1.333	1.261	1.324	5.6
2,4,5-Trichlorophenol		0.377	0.385	0.378	0.403	0.387	0.389	3.1
2,4-Dinitrotoluene		0.294	0.325	0.351	0.356	0.337	0.339	6.8
2,4,6-Tribromophenol	0.181	0.209	0.197	0.214	0.208	0.199	0.202	5.4
Hexachlorobenzene		0.251	0.246	0.257	0.262	0.252	0.255	2.2
Pentachlorophenol			0.126	0.151	0.164	0.153	0.154	9.7
Terphenyl-d14	1.345	1.401	1.302	1.282	1.173	1.102	1.234	9.2

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-BF091025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Sep 09 15:20:16 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF143676.D 5 =BF143677.D 10 =BF143678.D 20 =BF143679.D 40 =BF143680.D 50 =BF143681.D 60 =BF143682.D 80 =BF143683.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.561	0.515	0.536	0.536	0.494	0.514	0.504	0.523	4.36
3)	Pyridine		1.286	1.362	1.371	1.400	1.331	1.363	1.342	1.351	2.66
4)	n-Nitrosodimet...			0.504	0.519	0.522	0.496	0.519	0.518	0.513	1.99
5) S	2-Fluorophenol	1.173	1.171	1.163	1.207	1.227	1.133	1.156	1.149	1.172	2.63
6)	Aniline		1.896	1.927	1.918	1.936	1.846	1.881	1.830	1.890	2.15
7) S	Phenol-d6	1.434	1.429	1.424	1.484	1.469	1.381	1.413	1.385	1.427	2.52
8)	2-Chlorophenol		1.274	1.235	1.297	1.302	1.234	1.262	1.257	1.266	2.15
9)	Benzaldehyde			0.936	0.866	1.236	1.243	1.493	1.135	1.152	19.84
10) C	Phenol		1.545	1.556	1.610	1.700	1.526	1.572	1.535	1.578	3.85
11)	bis(2-Chloroet...		1.220	1.172	1.208	1.201	1.138	1.166	1.143	1.178	2.75
12)	1,3-Dichlorobe...		1.462	1.448	1.485	1.500	1.409	1.435	1.397	1.448	2.60
13) C	1,4-Dichlorobe...		1.509	1.447	1.512	1.499	1.428	1.439	1.395	1.461	3.11
14)	1,2-Dichlorobe...		1.430	1.416	1.397	1.412	1.342	1.342	1.323	1.380	3.13
15)	Benzyl Alcohol			1.019	1.069	1.070	1.012	1.040	1.020	1.038	2.51
16)	2,2'-oxybis(1-...		1.561	1.560	1.587	1.606	1.477	1.505	1.495	1.542	3.18
17)	2-Methylphenol		0.966	1.004	1.049	1.041	1.009	1.039	1.020	1.018	2.80
18)	Hexachloroethane		0.478	0.452	0.482	0.492	0.458	0.477	0.466	0.472	3.02
19) P	n-Nitroso-di-n...	0.886	0.871	0.870	0.921	0.893	0.848	0.868	0.855	0.877	2.65
20)	3+4-Methylphenols			1.351	1.375	1.405	1.313	1.324	1.279	1.341	3.37
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.483	0.450	0.461	0.453	0.433	0.448	0.435	0.452	3.79
23) S	Nitrobenzene-d5	0.290	0.325	0.318	0.328	0.330	0.319	0.334	0.327	0.322	4.34
24)	Nitrobenzene		0.330	0.325	0.344	0.341	0.325	0.337	0.333	0.333	2.27
25)	Isophorone		0.628	0.608	0.627	0.624	0.589	0.621	0.618	0.617	2.28
26) C	2-Nitrophenol		0.143	0.148	0.164	0.170	0.171	0.176	0.176	0.164	8.28
27)	2,4-Dimethylph...		0.309	0.293	0.291	0.295	0.286	0.299	0.287	0.294	2.63
28)	bis(2-Chloroet...		0.390	0.376	0.384	0.384	0.363	0.379	0.378	0.379	2.25
29) C	2,4-Dichloroph...		0.290	0.288	0.305	0.307	0.288	0.298	0.296	0.296	2.70
30)	1,2,4-Trichlor...		0.306	0.309	0.310	0.311	0.300	0.310	0.300	0.307	1.56
31)	Naphthalene		1.045	0.988	1.002	1.001	0.951	0.987	0.958	0.990	3.14
32)	Benzoic acid			0.126	0.161	0.180	0.184	0.207	0.218	0.180	18.36
33)	4-Chloroaniline		0.349	0.350	0.354	0.349	0.330	0.348	0.333	0.345	2.65
34) C	Hexachlorobuta...		0.200	0.198	0.206	0.204	0.193	0.203	0.196	0.200	2.23
35)	Caprolactam			0.077	0.078	0.080	0.075	0.081	0.082	0.079	3.19
36) C	4-Chloro-3-met...		0.281	0.291	0.295	0.306	0.283	0.296	0.291	0.292	2.89
37)	2-Methylnaphth...		0.722	0.687	0.690	0.680	0.647	0.671	0.646	0.678	3.92
38)	1-Methylnaphth...		0.687	0.667	0.660	0.656	0.622	0.644	0.618	0.650	3.79

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF091025.M

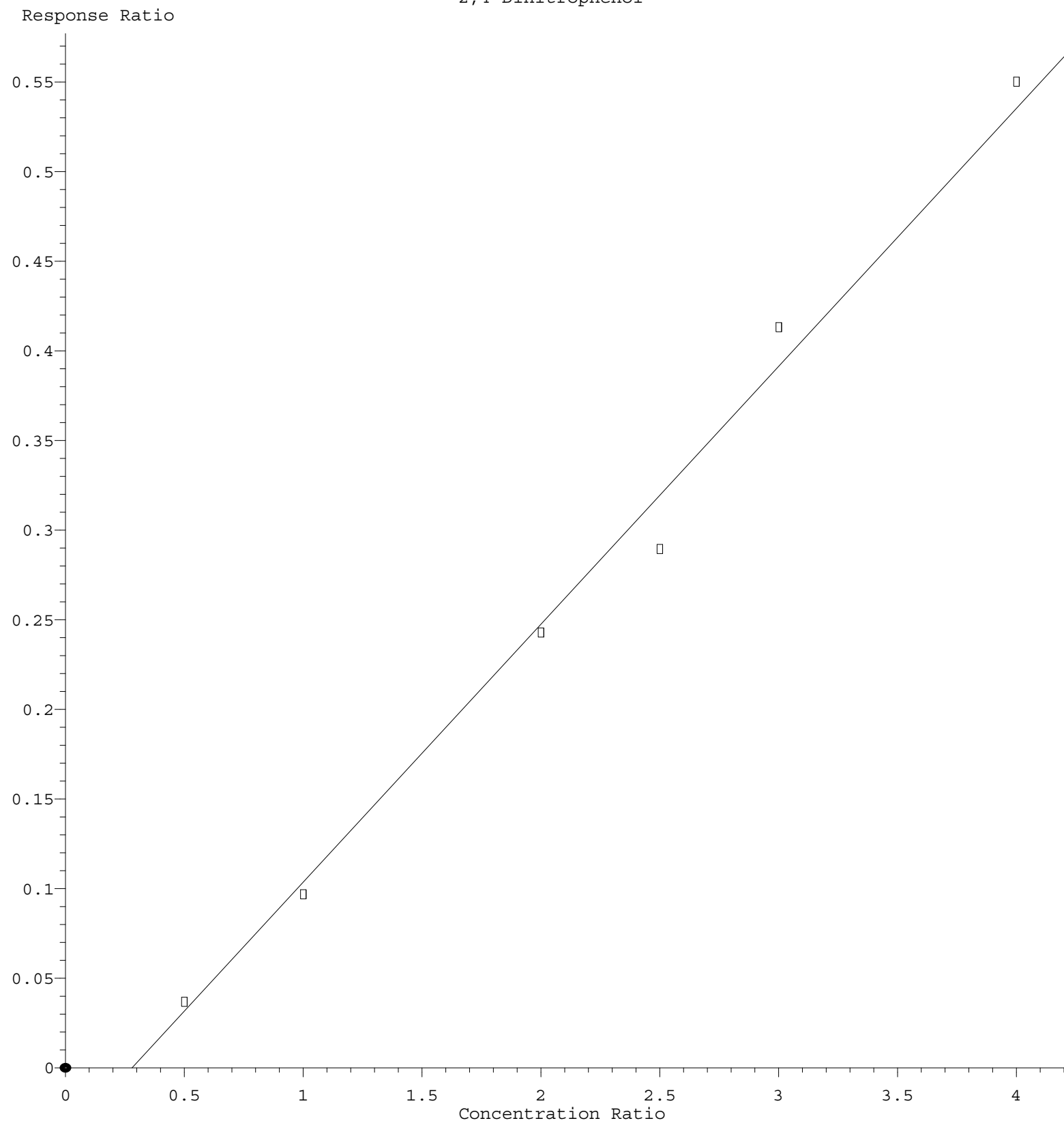
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...		0.580	0.578	0.597	0.580	0.552	0.574	0.546	0.573	3.10
41) P	Hexachlorocycl...			0.258	0.289	0.308	0.309	0.305	0.294	0.294	6.55
42) S	2,4,6-Tribromo...	0.181	0.209	0.197	0.214	0.208	0.199	0.210	0.195	0.202	5.40
43) C	2,4,6-Trichlor...		0.370	0.362	0.405	0.402	0.372	0.383	0.382	0.382	4.23
44)	2,4,5-Trichlor...		0.377	0.385	0.378	0.403	0.387	0.409	0.382	0.389	3.15
45) S	2-Fluorobiphenyl	1.397	1.405	1.355	1.366	1.333	1.261	1.286	1.188	1.324	5.59
46)	1,1'-Biphenyl		1.481	1.455	1.507	1.478	1.394	1.420	1.343	1.440	3.98
47)	2-Chloronaphth...		1.186	1.118	1.174	1.158	1.075	1.122	1.069	1.129	4.08
48)	2-Nitroaniline		0.272	0.279	0.308	0.312	0.305	0.309	0.306	0.299	5.46
49)	Acenaphthylene		1.656	1.623	1.678	1.644	1.566	1.621	1.529	1.617	3.22
50)	Dimethylphthalate		1.335	1.337	1.330	1.323	1.240	1.300	1.243	1.301	3.27
51)	2,6-Dinitrotol...		0.207	0.229	0.257	0.262	0.259	0.269	0.258	0.249	8.94
52) C	Acenaphthene		1.143	1.138	1.147	1.132	1.060	1.120	1.060	1.114	3.42
53)	3-Nitroaniline		0.264	0.256	0.272	0.280	0.259	0.277	0.266	0.268	3.41
54) P	2,4-Dinitrophenol			0.074	0.097	0.121	0.116	0.138	0.138	0.114	21.86
55)	Dibenzofuran		1.714	1.641	1.651	1.612	1.539	1.582	1.476	1.602	4.88
56) P	4-Nitrophenol			0.204	0.218	0.223	0.201	0.221	0.212	0.213	4.19
57)	2,4-Dinitrotol...		0.294	0.325	0.351	0.356	0.337	0.356	0.351	0.339	6.75
58)	Fluorene		1.352	1.290	1.301	1.283	1.187	1.222	1.143	1.254	5.79
59)	2,3,4,6-Tetrac...		0.295	0.306	0.324	0.328	0.313	0.327	0.313	0.315	3.90
60)	Diethylphthalate		1.259	1.258	1.260	1.245	1.152	1.218	1.160	1.222	3.87
61)	4-Chlorophenyl...		0.667	0.660	0.662	0.649	0.604	0.623	0.587	0.636	4.97
62)	4-Nitroaniline		0.231	0.248	0.267	0.264	0.243	0.267	0.255	0.254	5.39
63)	Azobenzene		1.146	1.101	1.107	1.098	1.034	1.059	1.016	1.080	4.22
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...			0.074	0.094	0.106	0.104	0.117	0.117	0.102	15.85
66) c	n-Nitrosodiphe...		0.653	0.627	0.674	0.676	0.639	0.672	0.645	0.655	2.92
67)	4-Bromophenyl-...		0.228	0.238	0.247	0.255	0.238	0.243	0.239	0.241	3.48
68)	Hexachlorobenzene		0.251	0.246	0.257	0.262	0.252	0.261	0.255	0.255	2.18
69)	Atrazine		0.207	0.209	0.216	0.206	0.196	0.204	0.199	0.205	3.17
70) C	Pentachlorophenol			0.126	0.151	0.164	0.153	0.166	0.164	0.154	9.74
71)	Phenanthrene		1.166	1.109	1.134	1.114	1.061	1.086	1.043	1.102	3.83
72)	Anthracene		1.153	1.104	1.149	1.134	1.070	1.096	1.050	1.108	3.56
73)	Carbazole		0.939	0.919	0.943	0.925	0.866	0.895	0.866	0.907	3.57
74)	Di-n-butylphth...		1.085	1.121	1.122	1.116	1.055	1.085	1.064	1.093	2.53
75) C	Fluoranthene		1.123	1.069	1.064	1.009	0.930	0.959	0.927	1.012	7.56
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine			0.605	0.601	0.655	0.770	0.764	0.518	0.652	15.21
78)	Pyrene		1.770	1.712	1.706	1.529	1.459	1.524	1.493	1.599	7.87
79) S	Terphenyl-d14	1.345	1.401	1.302	1.282	1.173	1.102	1.166	1.103	1.234	9.21
80)	Butylbenzylpht...		0.413	0.460	0.519	0.517	0.519	0.546	0.533	0.501	9.45
81)	Benzo(a)anthra...		1.298	1.288	1.312	1.246	1.278	1.312	1.273	1.287	1.84
82)	3,3'-Dichlorob...			0.347	0.396	0.405	0.410	0.421	0.396	0.396	6.49
83)	Chrysene		1.220	1.187	1.233	1.185	1.119	1.168	1.136	1.178	3.53
84)	Bis(2-ethylhex...		0.595	0.611	0.718	0.759	0.774	0.772	0.774	0.715	11.02
85) c	Di-n-octyl pht...			0.963	1.233	1.335	1.383	1.386	1.385	1.281	12.98

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF091025.M

		-----ISTD-----								
86) I	Perylene-d12									
87)	Indeno(1,2,3-c...	1.239	1.290	1.407	1.440	1.369	1.442	1.368	1.365	5.58
88)	Benzo(b)fluora...	1.229	1.183	1.171	1.154	1.195	1.203	1.198	1.191	2.03
89)	Benzo(k)fluora...	1.090	1.068	1.138	1.169	0.996	1.082	0.978	1.074	6.45
90) C	Benzo(a)pyrene	1.035	1.015	1.058	1.085	1.026	1.083	1.019	1.046	2.83
91)	Dibenzo(a,h)an...	1.047	1.065	1.167	1.185	1.130	1.205	1.128	1.132	5.24
92)	Benzo(g,h,i)pe...	0.994	0.992	1.084	1.102	1.058	1.130	1.054	1.059	4.91

(#) = Out of Range

2,4-Dinitrophenol



Response = 1.439e-001 * Amt - 4.026e-002
 Coef of Det (r^2) = 0.993399 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF091025.M
 Calibration Table Last Updated: Tue Sep 09 15:20:16 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143676.D
Acq On : 09 Sep 2025 09:12
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 09 15:23:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

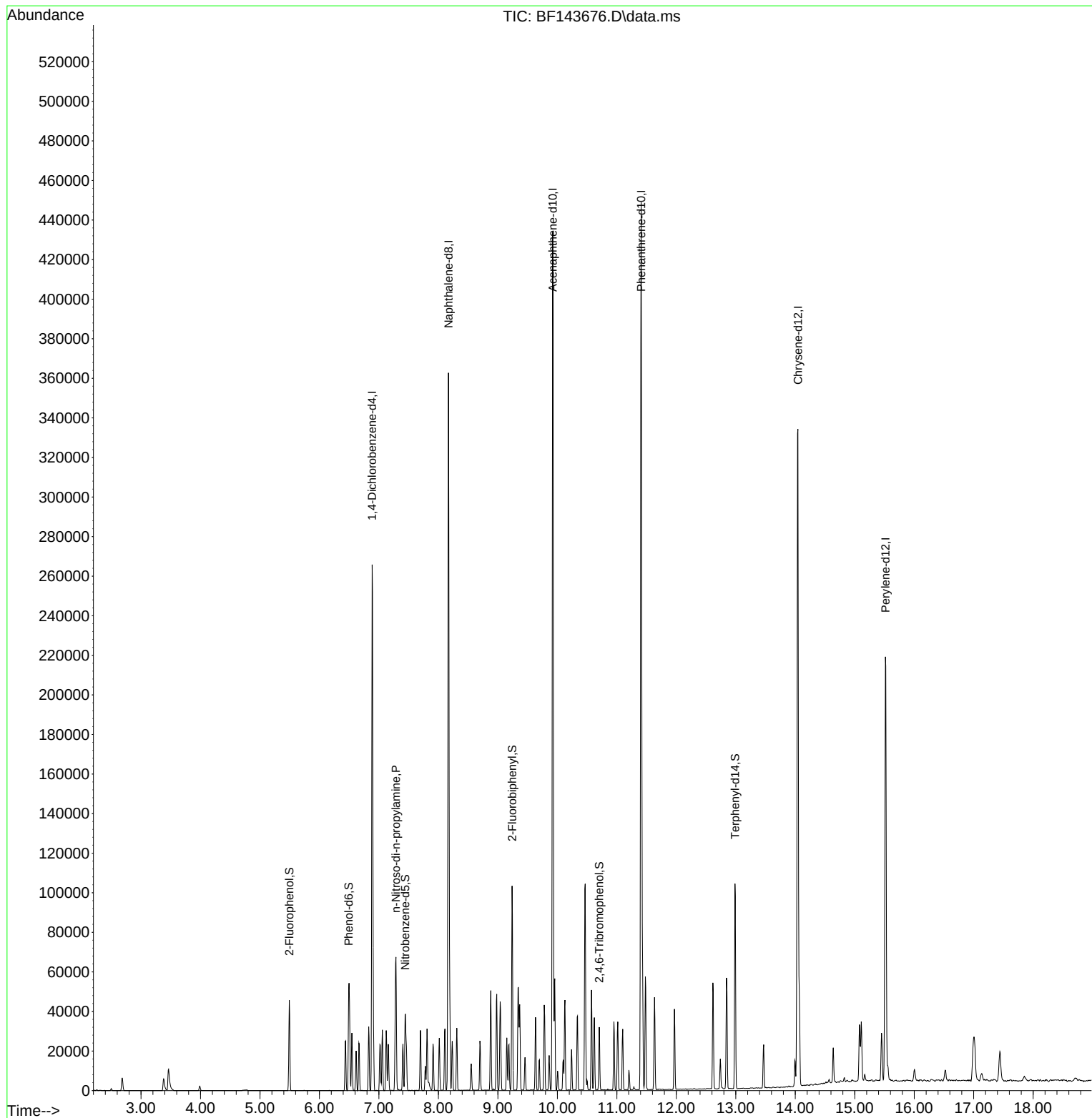
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	58211	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	228132	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	134502	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	235853	20.000	ng	0.00
76) Chrysene-d12	14.045	240	159008	20.000	ng	0.00
86) Perylene-d12	15.516	264	133978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	17069	5.003	ng	0.00
7) Phenol-d6	6.493	99	20863	5.022	ng	-0.01
23) Nitrobenzene-d5	7.440	82	16523	4.505	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	6089	4.492	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	46974	5.276	ng	0.00
79) Terphenyl-d14	12.986	244	53458	5.448	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.287	70	6447	2.527	ng	Qvalue 99

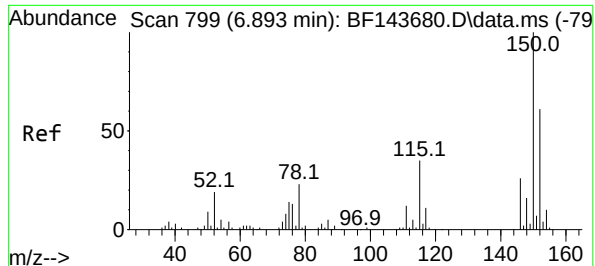
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143676.D
Acq On : 09 Sep 2025 09:12
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 09 15:23:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

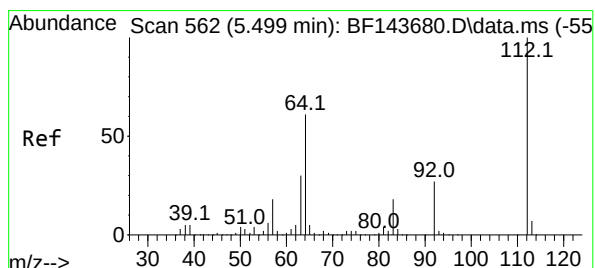
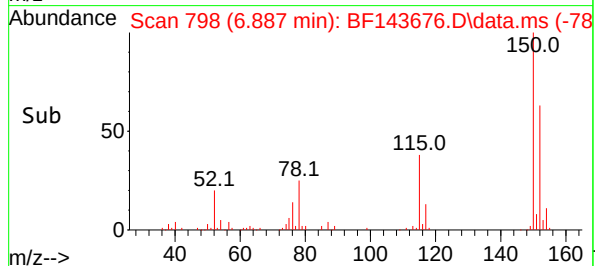
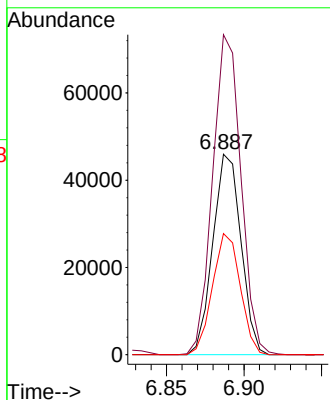
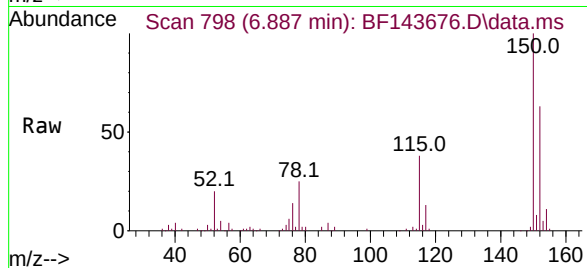




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF143676.D
Acq: 09 Sep 2025 09:12

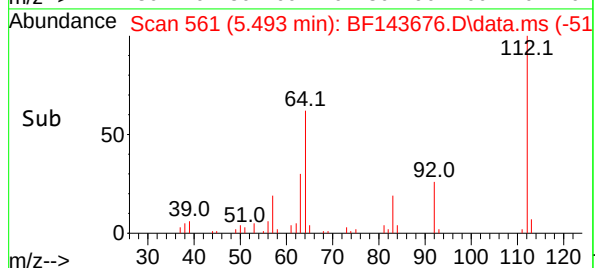
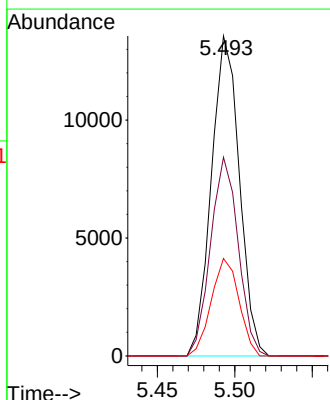
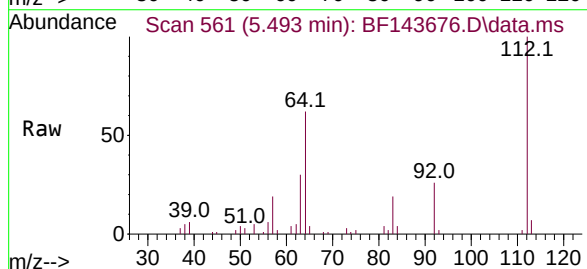
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

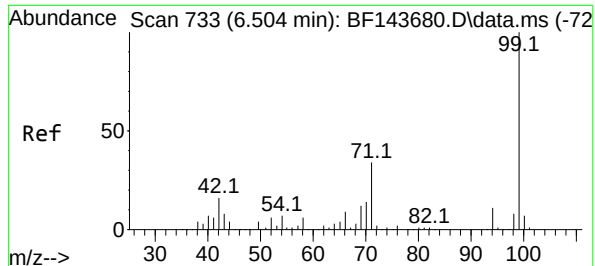
Tgt Ion:152 Resp: 58211
Ion Ratio Lower Upper
152 100
150 159.7 130.7 196.1
115 60.4 45.9 68.9



#5
2-Fluorophenol
Concen: 5.003 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143676.D
Acq: 09 Sep 2025 09:12

Tgt Ion:112 Resp: 17069
Ion Ratio Lower Upper
112 100
64 62.1 49.0 73.4
63 30.4 24.3 36.5

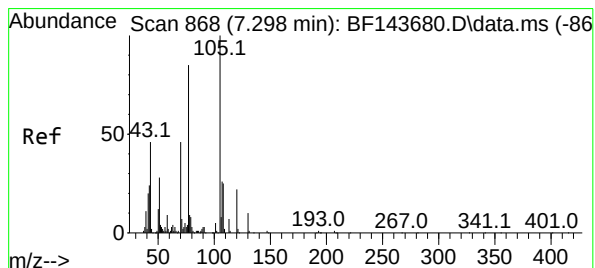
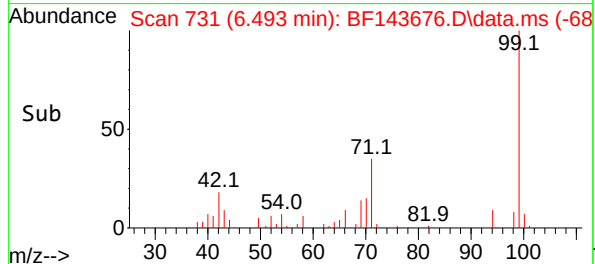
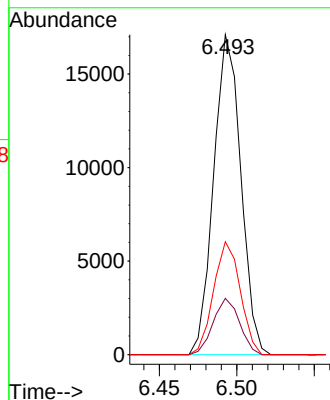
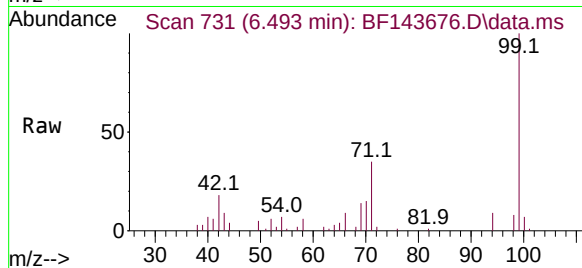




#7
Phenol-d6
Concen: 5.022 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143676.D
Acq: 09 Sep 2025 09:12

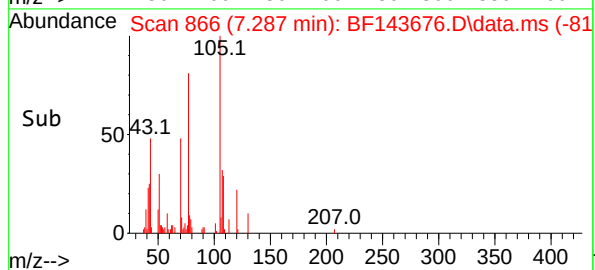
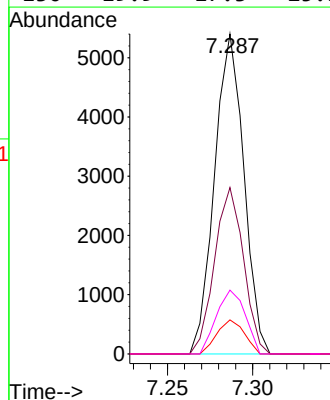
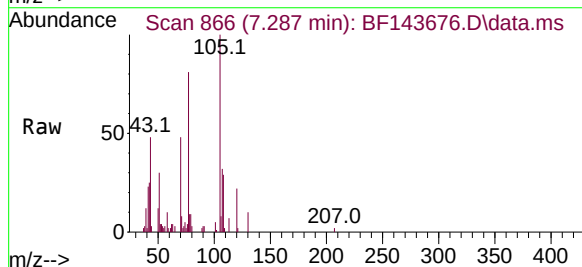
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

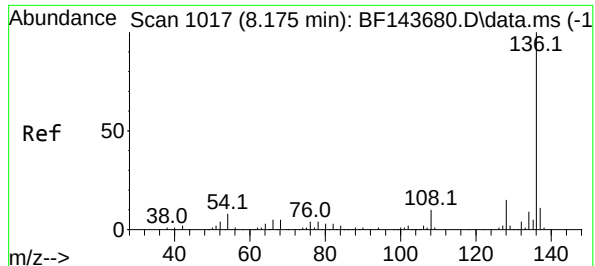
Tgt Ion: 99 Resp: 20863
Ion Ratio Lower Upper
99 100
42 17.6 13.0 19.4
71 35.3 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 2.527 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143676.D
Acq: 09 Sep 2025 09:12

Tgt Ion: 70 Resp: 6447
Ion Ratio Lower Upper
70 100
42 52.0 41.4 62.2
101 10.6 8.1 12.1
130 19.9 17.3 25.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143676.D

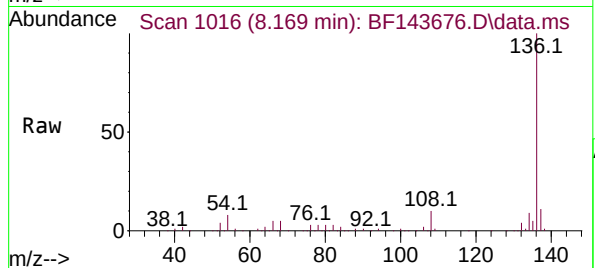
Acq: 09 Sep 2025 09:12

Instrument :

BNA_F

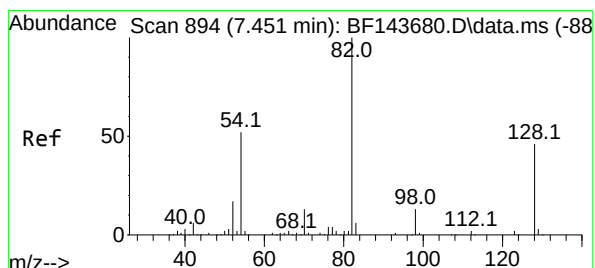
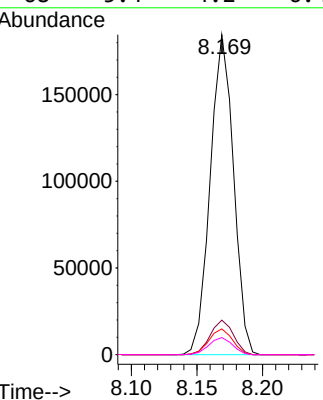
ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 228132

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.0	6.2	9.2
68	5.4	4.2	6.4



#23

Nitrobenzene-d5

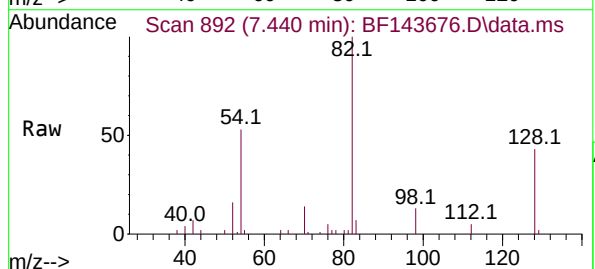
Concen: 4.505 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.012 min

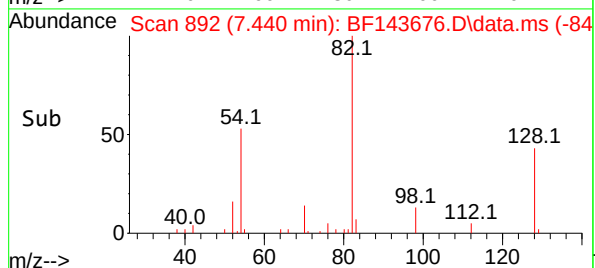
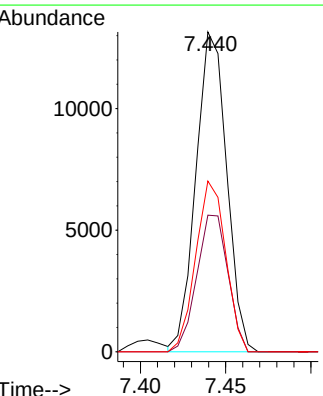
Lab File: BF143676.D

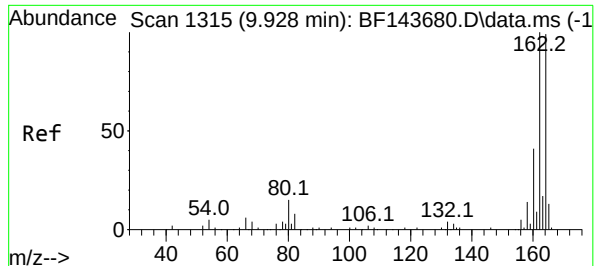
Acq: 09 Sep 2025 09:12



Tgt Ion: 82 Resp: 16523

Ion	Ratio	Lower	Upper
82	100		
128	42.7	37.0	55.4
54	53.4	41.8	62.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF143676.D

Acq: 09 Sep 2025 09:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

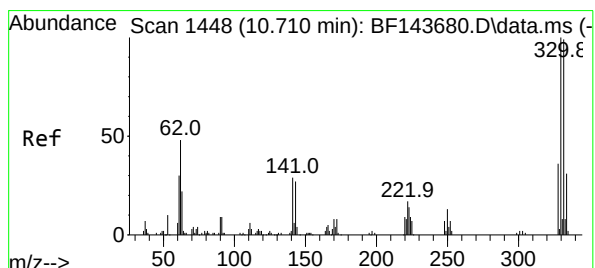
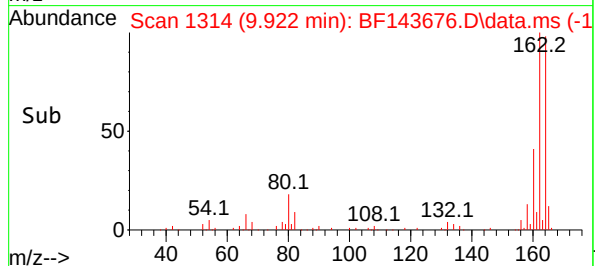
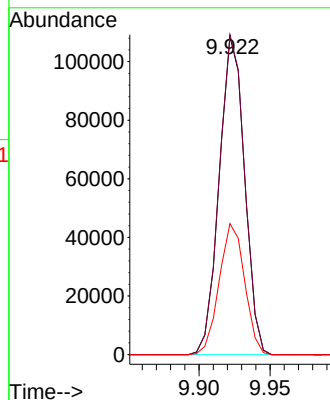
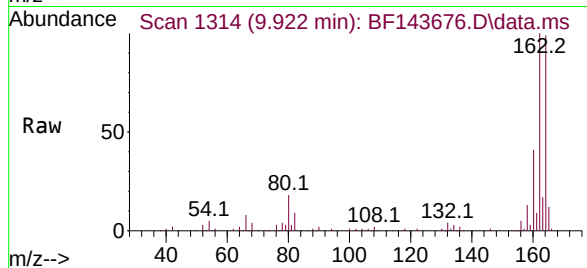
Tgt Ion:164 Resp: 134502

Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

160 41.2 33.0 49.4



#42

2,4,6-Tribromophenol

Concen: 4.492 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF143676.D

Acq: 09 Sep 2025 09:12

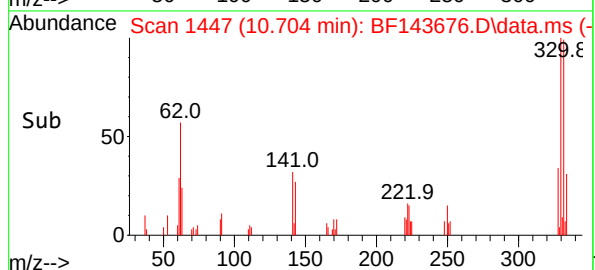
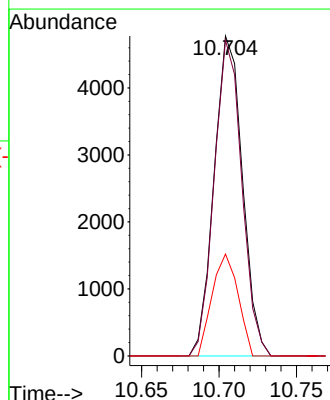
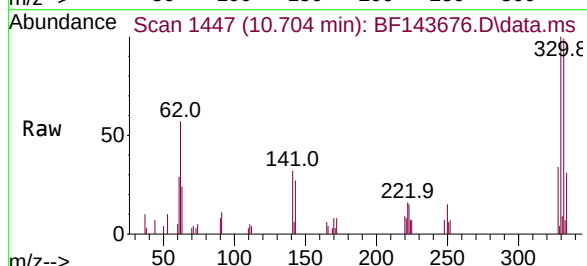
Tgt Ion:330 Resp: 6089

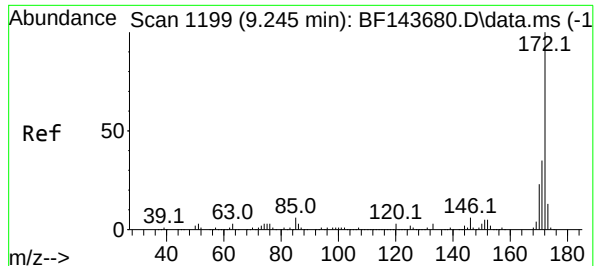
Ion Ratio Lower Upper

330 100

332 96.1 79.2 118.8

141 29.0 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 5.276 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143676.D

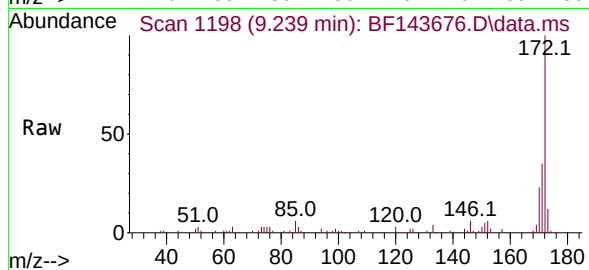
Acq: 09 Sep 2025 09:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



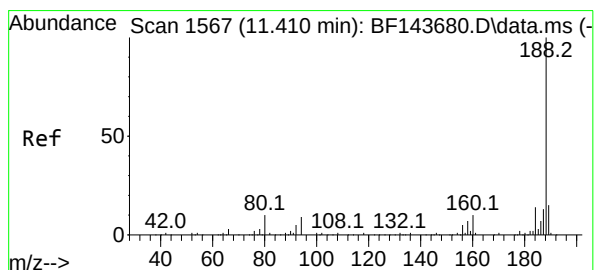
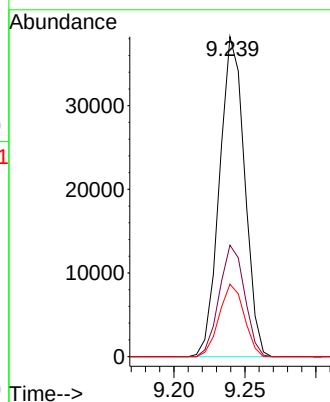
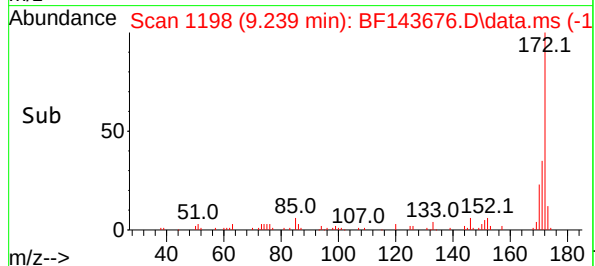
Tgt Ion:172 Resp: 46974

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 22.6 18.6 27.8



#64

Phenanthrene-d10

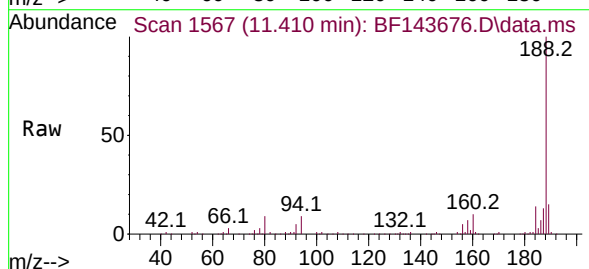
Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF143676.D

Acq: 09 Sep 2025 09:12



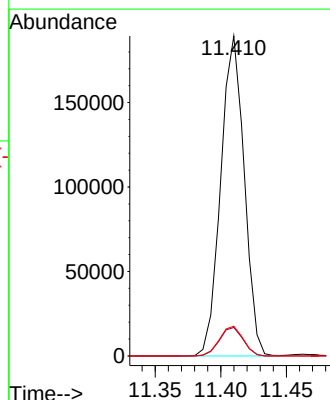
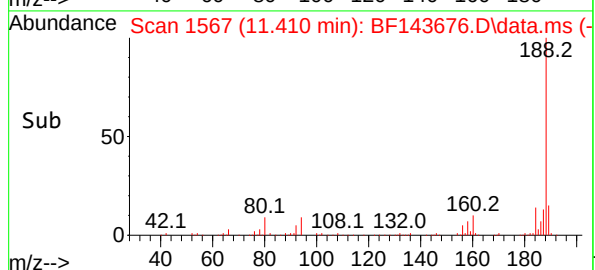
Tgt Ion:188 Resp: 235853

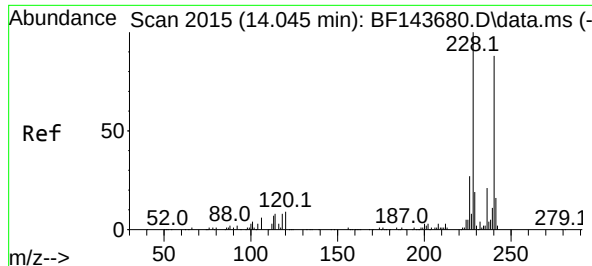
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.0

80 9.3 7.7 11.5

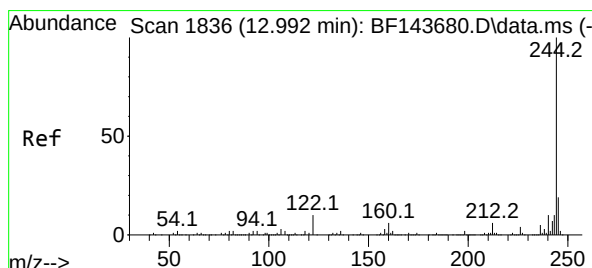
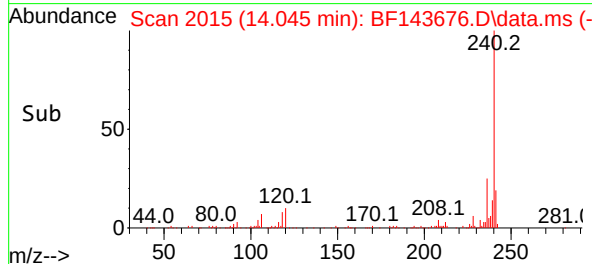
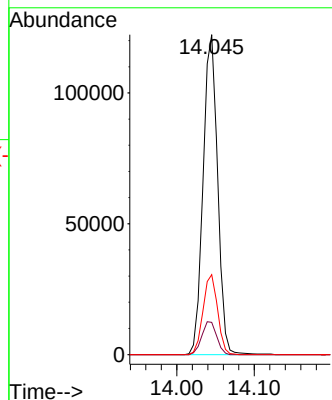
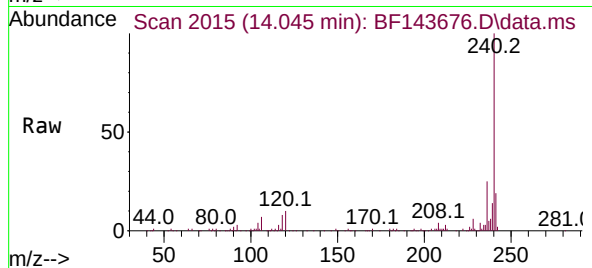




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143676.D
Acq: 09 Sep 2025 09:12

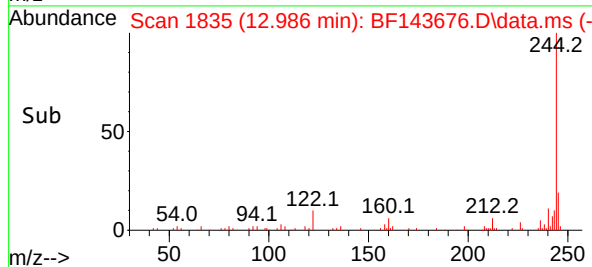
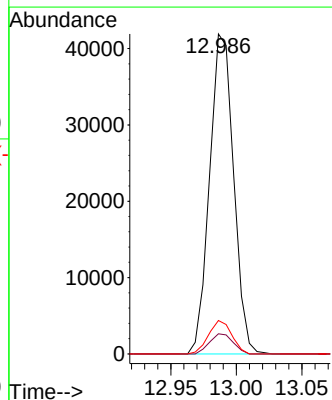
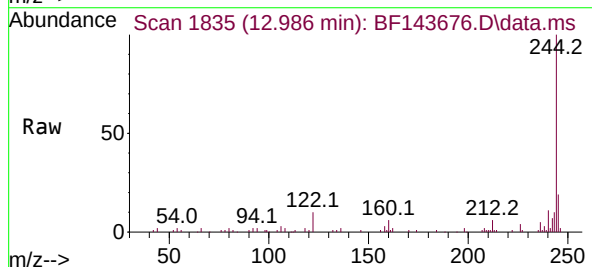
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

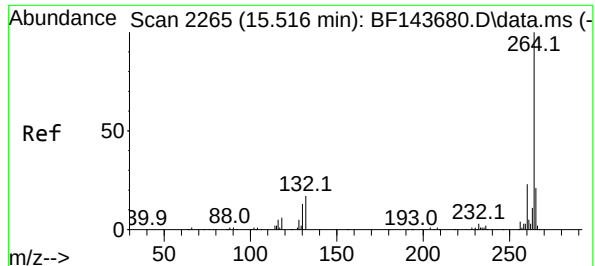
Tgt Ion:240 Resp: 159008
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 25.0 18.6 28.0



#79
Terphenyl-d14
Concen: 5.448 ng
RT: 12.986 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF143676.D
Acq: 09 Sep 2025 09:12

Tgt Ion:244 Resp: 53458
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.6
122 10.4 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.516 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143676.D

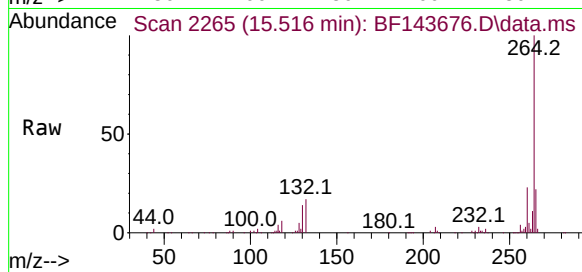
Acq: 09 Sep 2025 09:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



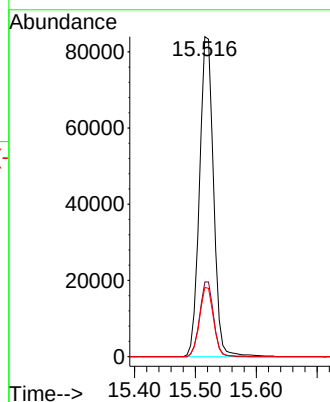
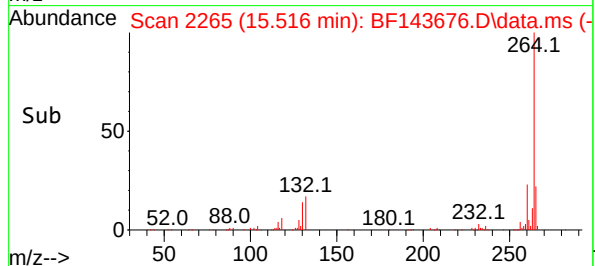
Tgt Ion:264 Resp: 133978

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.6 17.1 25.7



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143677.D
 Acq On : 09 Sep 2025 09:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Sep 09 15:24:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	54495	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	205041	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	120150	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	207771	20.000	ng	0.00
76) Chrysene-d12	14.045	240	132168	20.000	ng	0.00
86) Perylene-d12	15.521	264	122261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	31903	9.988	ng	0.00
7) Phenol-d6	6.492	99	38934	10.011	ng	-0.01
23) Nitrobenzene-d5	7.445	82	33309	10.105	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	12540	10.356	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	84393	10.611	ng	0.00
79) Terphenyl-d14	12.992	244	92587	11.352	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	7644	5.365	ng	97
3) Pyridine	3.446	79	17517	4.759	ng	92
6) Aniline	6.545	93	25825	5.014	ng	97
8) 2-Chlorophenol	6.669	128	17363	5.033	ng	94
10) Phenol	6.510	94	21053	4.897	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	16627	5.179	ng	95
12) 1,3-Dichlorobenzene	6.828	146	19923	5.050	ng	98
13) 1,4-Dichlorobenzene	6.904	146	20557	5.162	ng	97
14) 1,2-Dichlorobenzene	7.057	146	19480	5.180	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	21263	5.062	ng	98
17) 2-Methylphenol	7.122	107	13167	4.745	ng	93
18) Hexachloroethane	7.404	117	6510	5.061	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	11861	4.966	ng	98
22) Acetophenone	7.292	105	24772	5.349	ng	98
24) Nitrobenzene	7.463	77	16908	4.947	ng	98
25) Isophorone	7.698	82	32204	5.095	ng	99
26) 2-Nitrophenol	7.781	139	7313	4.352	ng	99
27) 2,4-Dimethylphenol	7.810	122	15822	5.244	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	19972	5.141	ng	98
29) 2,4-Dichlorophenol	8.016	162	14874	4.901	ng	96
30) 1,2,4-Trichlorobenzene	8.110	180	15678	4.986	ng	99
31) Naphthalene	8.192	128	53553	5.276	ng	100
33) 4-Chloroaniline	8.233	127	17906	5.067	ng	97
34) Hexachlorobutadiene	8.310	225	10229	4.988	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	14405	4.814	ng	95
37) 2-Methylnaphthalene	8.880	142	37023	5.328	ng	98
38) 1-Methylnaphthalene	8.980	142	35207	5.280	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	17428	5.067	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	11120	4.841	ng	95
44) 2,4,5-Trichlorophenol	9.186	196	11336	4.855	ng	95
46) 1,1'-Biphenyl	9.345	154	44485	5.143	ng	100
47) 2-Chloronaphthalene	9.369	162	35613	5.252	ng	99
48) 2-Nitroaniline	9.457	65	8158	4.546	ng	95
49) Acenaphthylene	9.780	152	49733	5.120	ng	99
50) Dimethylphthalate	9.633	163	40112	5.131	ng	99
51) 2,6-Dinitrotoluene	9.698	165	6227	4.166	ng	89

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143677.D
 Acq On : 09 Sep 2025 09:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

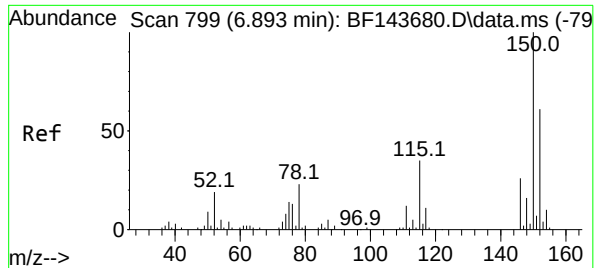
Quant Time: Sep 09 15:24:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.957	154	34323	5.128	ng	99
53) 3-Nitroaniline	9.863	138	7925	4.927	ng #	98
55) Dibenzofuran	10.127	168	51470	5.348	ng	98
57) 2,4-Dinitrotoluene	10.098	165	8821	4.336	ng	94
58) Fluorene	10.469	166	40602	5.389	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	8849	4.674	ng #	98
60) Diethylphthalate	10.339	149	37807	5.151	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	20046	5.246	ng	96
62) 4-Nitroaniline	10.469	138	6936	4.553	ng	94
63) Azobenzene	10.622	77	34418	5.305	ng	99
66) n-Nitrosodiphenylamine	10.574	169	33909	4.982	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	11836	4.724	ng	94
68) Hexachlorobenzene	11.016	284	13028	4.924	ng	95
69) Atrazine	11.098	200	10737	5.031	ng	97
71) Phenanthrene	11.433	178	60574	5.291	ng	99
72) Anthracene	11.480	178	59907	5.204	ng	99
73) Carbazole	11.633	167	48759	5.172	ng	99
74) Di-n-butylphthalate	11.969	149	56340	4.964	ng	99
75) Fluoranthene	12.616	202	58331	5.550	ng	99
78) Pyrene	12.845	202	58494	5.535	ng	100
80) Butylbenzylphthalate	13.468	149	13634	4.118	ng	98
81) Benzo(a)anthracene	14.033	228	42898	5.045	ng	99
83) Chrysene	14.068	228	40322	5.178	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	19671	4.164	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	37861	4.537	ng	99
88) Benzo(b)fluoranthene	15.080	252	37565	5.161	ng	98
89) Benzo(k)fluoranthene	15.109	252	33327	5.074	ng	99
90) Benzo(a)pyrene	15.451	252	31621	4.945	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	32016	4.625	ng	99
92) Benzo(g,h,i)perylene	17.445	276	30386	4.693	ng	99

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

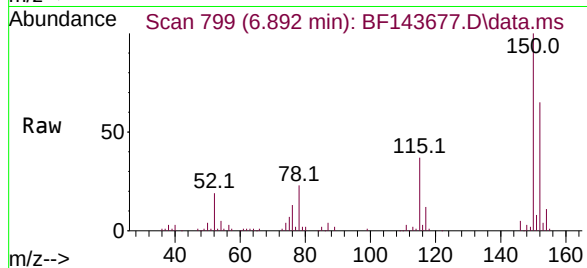
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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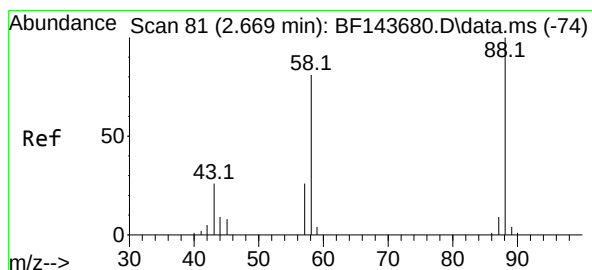
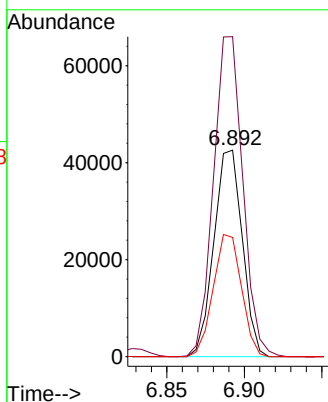
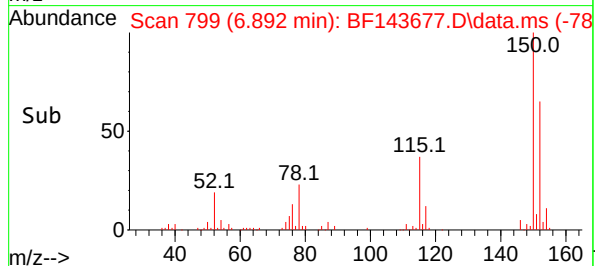


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

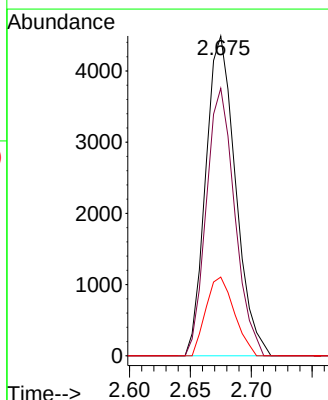
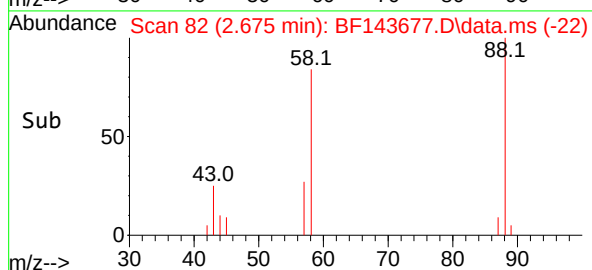
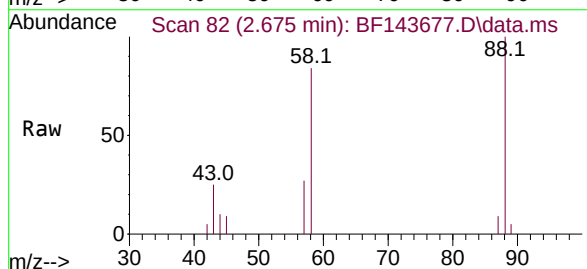


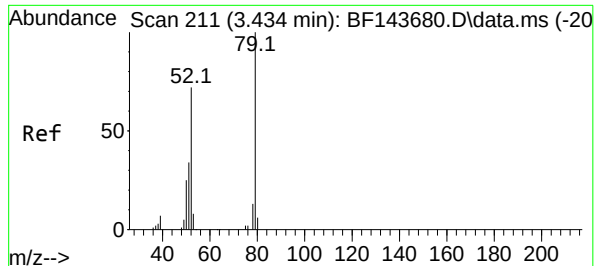
Tgt Ion:152 Resp: 54495
Ion Ratio Lower Upper
152 100
150 155.0 130.7 196.1
115 57.7 45.9 68.9



#2
1,4-Dioxane
Concen: 5.365 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion: 88 Resp: 7644
Ion Ratio Lower Upper
88 100
58 79.9 65.8 98.6
43 23.4 20.6 31.0





#3

Pyridine

Concen: 4.759 ng

RT: 3.446 min Scan# 211

Delta R.T. 0.012 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

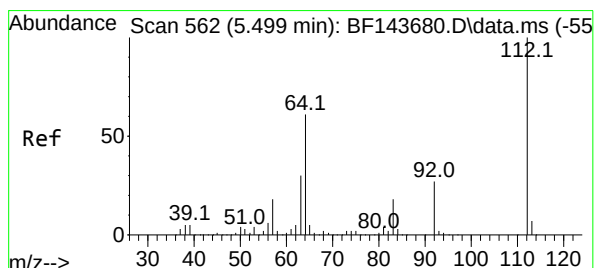
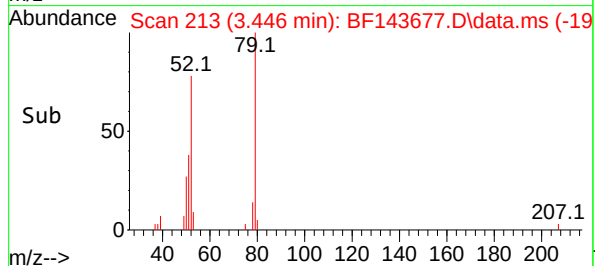
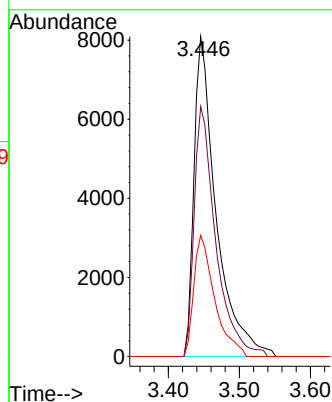
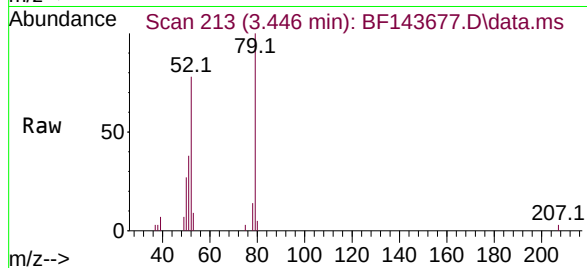
Tgt Ion: 79 Resp: 17517

Ion Ratio Lower Upper

79 100

52 78.1 57.2 85.8

51 37.9 27.0 40.6



#5

2-Fluorophenol

Concen: 9.988 ng

RT: 5.492 min Scan# 561

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

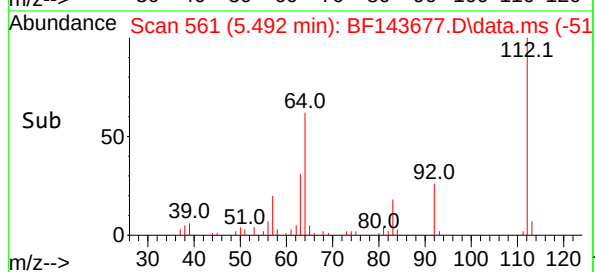
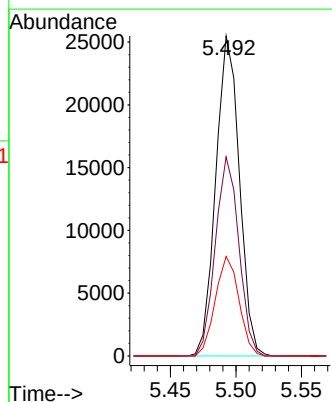
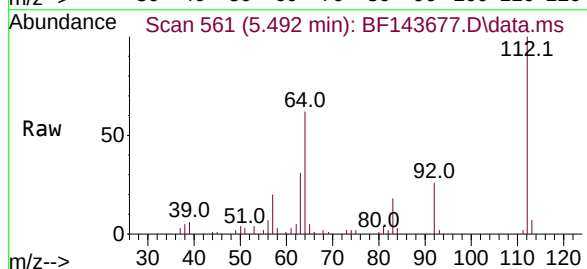
Tgt Ion: 112 Resp: 31903

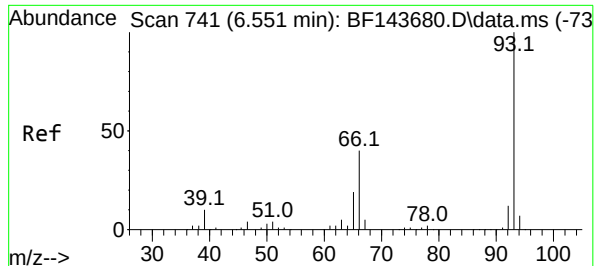
Ion Ratio Lower Upper

112 100

64 62.2 49.0 73.4

63 31.1 24.3 36.5

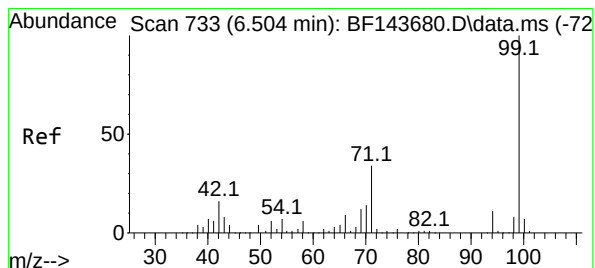
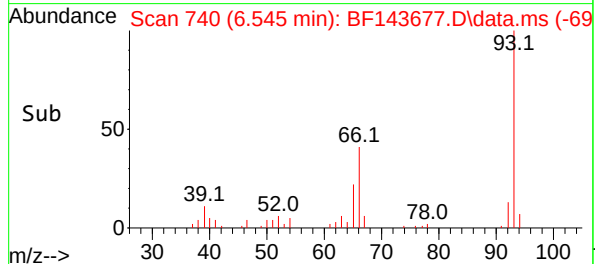
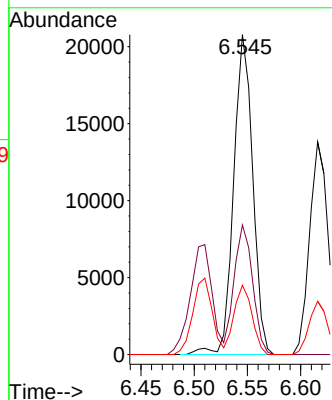
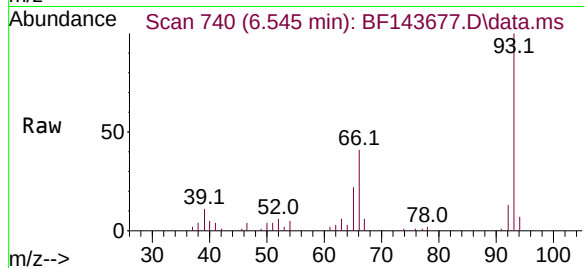




#6
Aniline
Concen: 5.014 ng
RT: 6.545 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

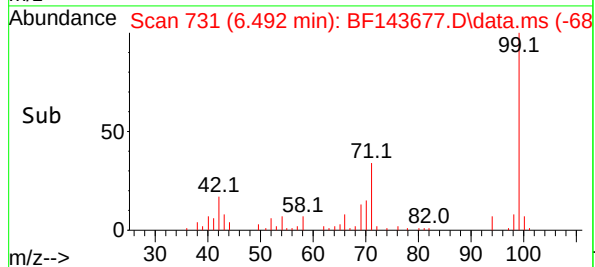
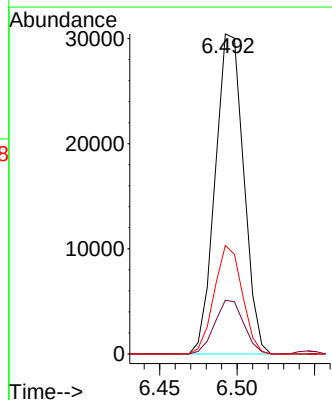
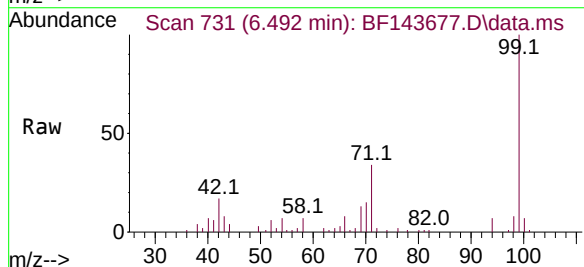
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

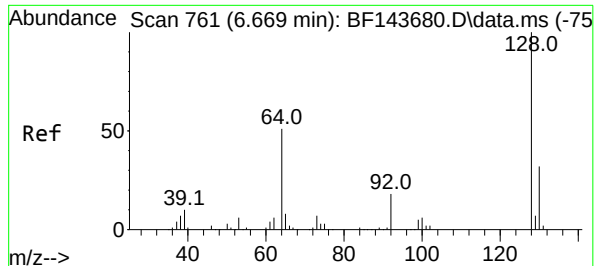
Tgt Ion:	93	Resp:	25825
Ion	Ratio	Lower	Upper
93	100		
66	40.5	34.1	51.1
65	21.7	16.1	24.1



#7
Phenol-d6
Concen: 10.011 ng
RT: 6.492 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

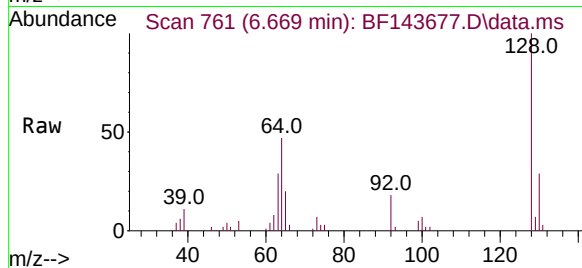
Tgt Ion:	99	Resp:	38934
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.0	19.4
71	33.9	27.4	41.2



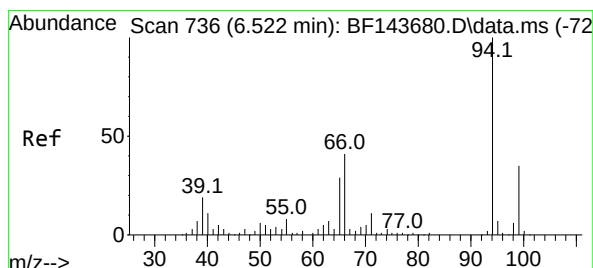
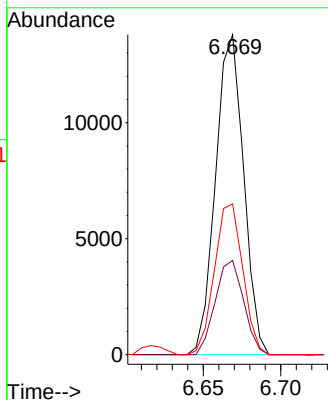
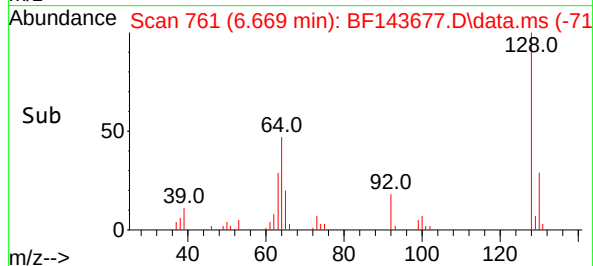


#8
2-Chlorophenol
Concen: 5.033 ng
RT: 6.669 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

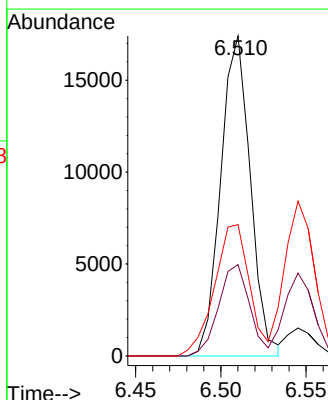
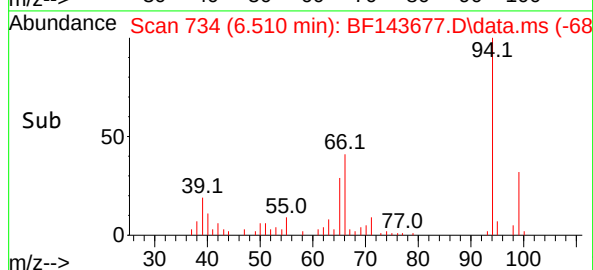
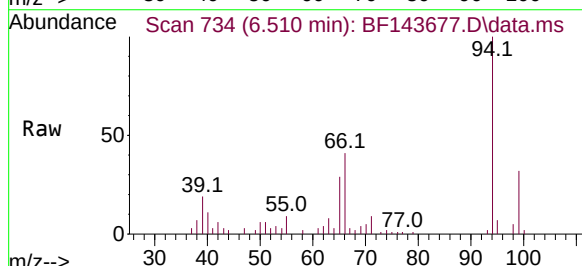


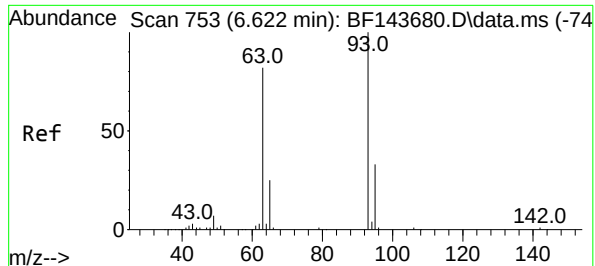
Tgt Ion:128 Resp: 17363
Ion Ratio Lower Upper
128 100
130 29.4 12.0 52.0
64 47.1 31.9 71.9



#10
Phenol
Concen: 4.897 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion: 94 Resp: 21053
Ion Ratio Lower Upper
94 100
65 28.5 9.1 49.1
66 41.0 20.8 60.8

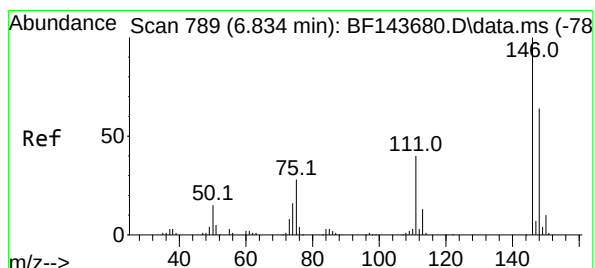
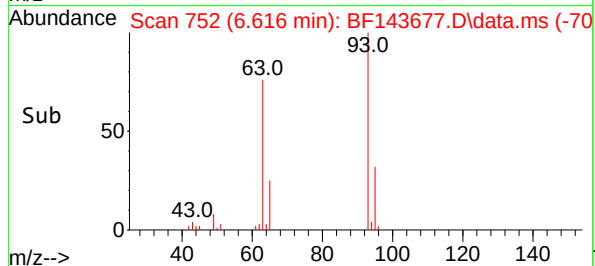
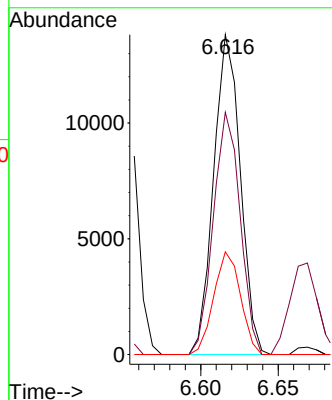
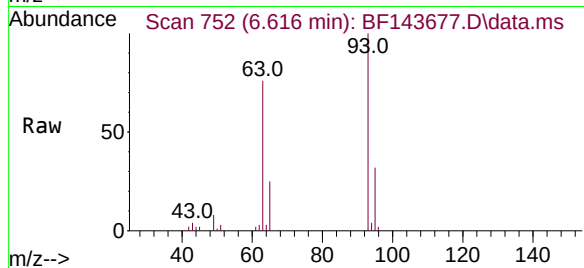




#11
bis(2-Chloroethyl)ether
Concen: 5.179 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

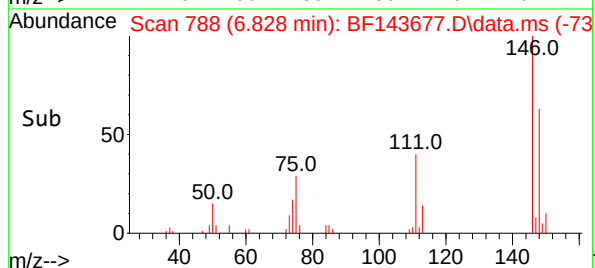
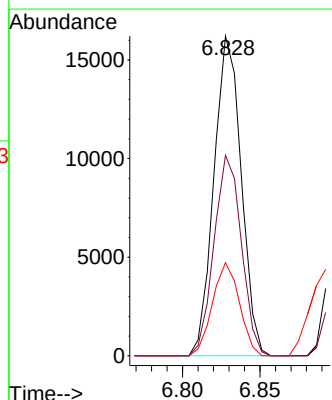
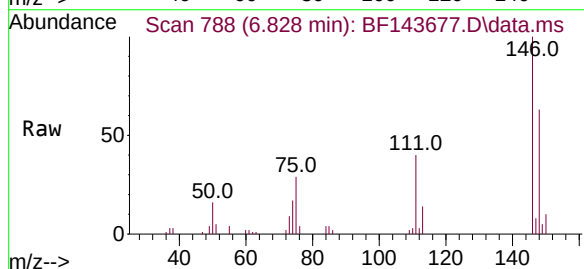
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

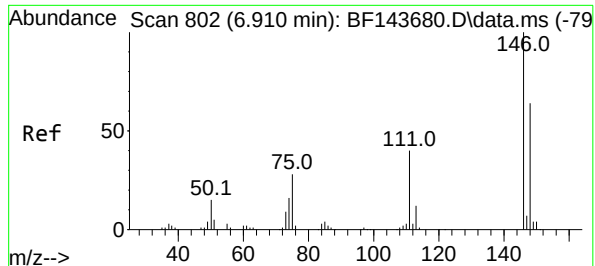
Tgt Ion: 93 Resp: 16627
Ion Ratio Lower Upper
93 100
63 75.7 61.8 101.8
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 5.050 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion: 146 Resp: 19923
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.4
75 29.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 5.162 ng

RT: 6.904 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

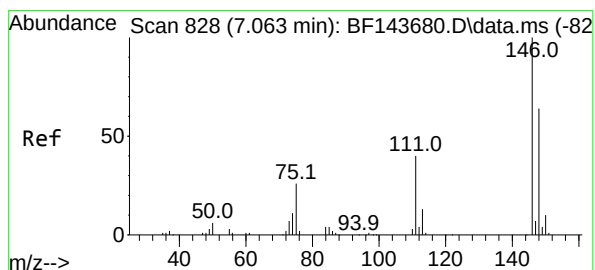
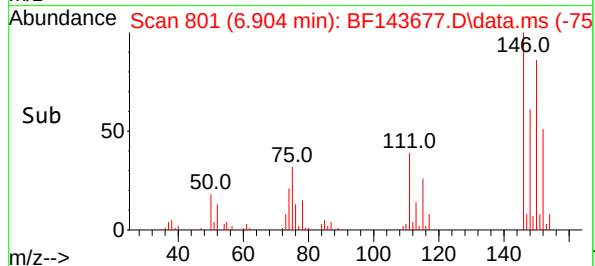
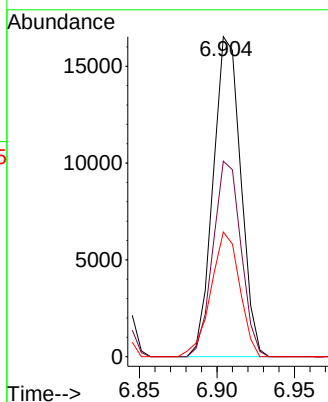
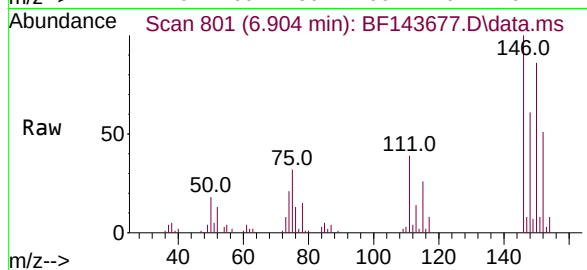
Tgt Ion:146 Resp: 20557

Ion Ratio Lower Upper

146 100

148 61.1 51.2 76.8

111 39.0 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 5.180 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

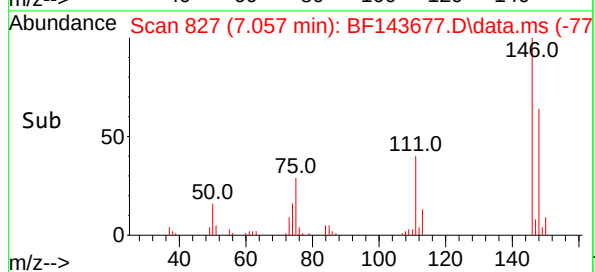
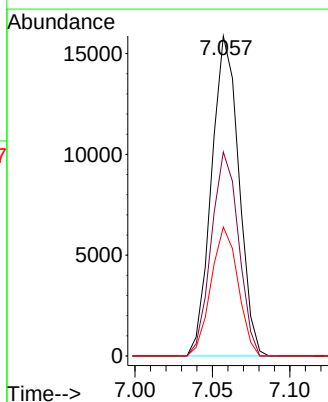
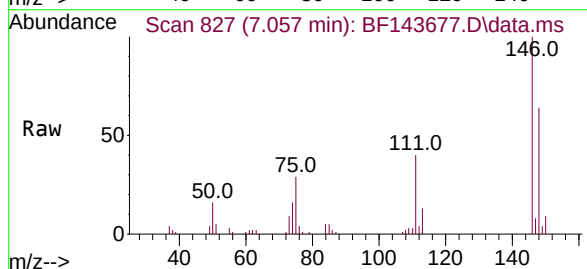
Tgt Ion:146 Resp: 19480

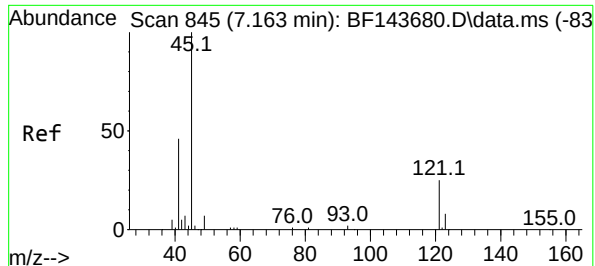
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 40.3 32.3 48.5

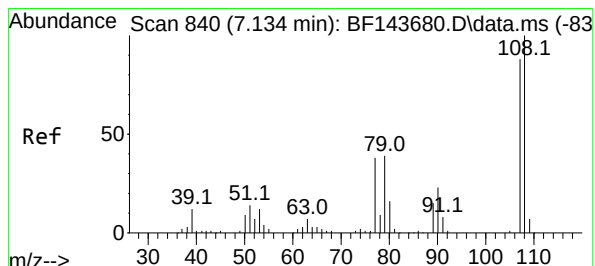
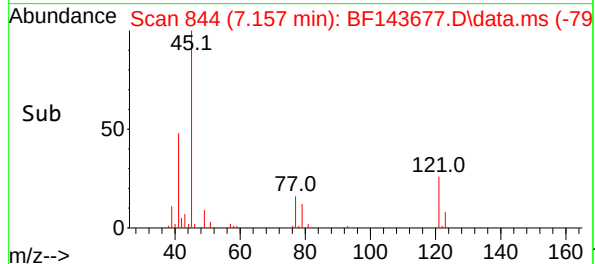
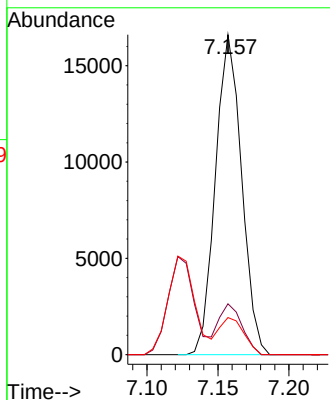
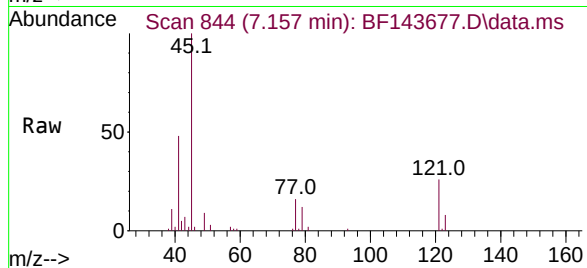




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.062 ng
RT: 7.157 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

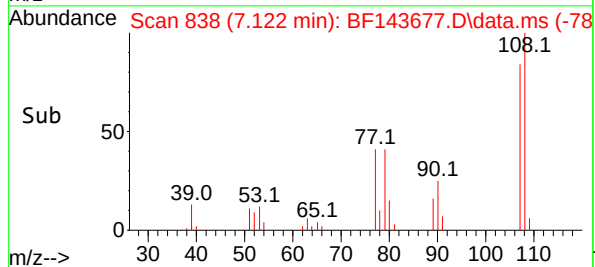
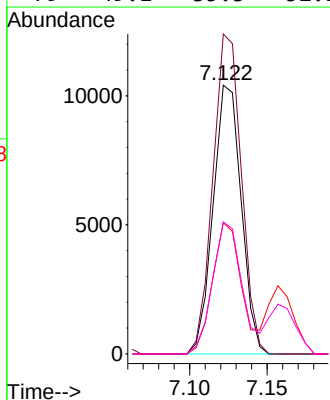
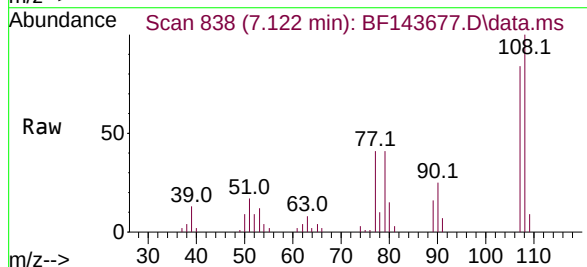
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

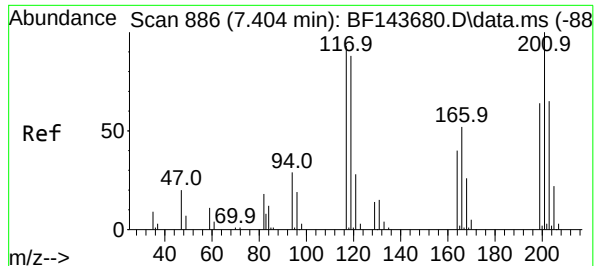
Tgt Ion: 45 Resp: 21263
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.6
79 11.6 0.0 31.3



#17
2-Methylphenol
Concen: 4.745 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.012 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion: 107 Resp: 13167
Ion Ratio Lower Upper
107 100
108 119.1 90.9 136.3
77 48.9 34.4 51.6
79 49.1 35.3 52.9





#18

Hexachloroethane

Concen: 5.061 ng

RT: 7.404 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

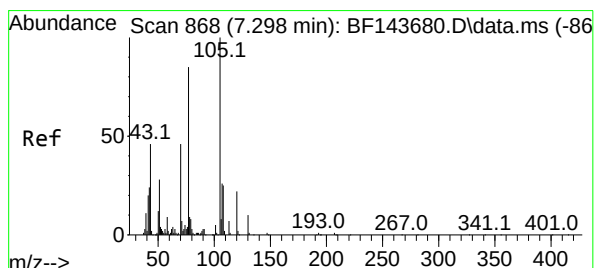
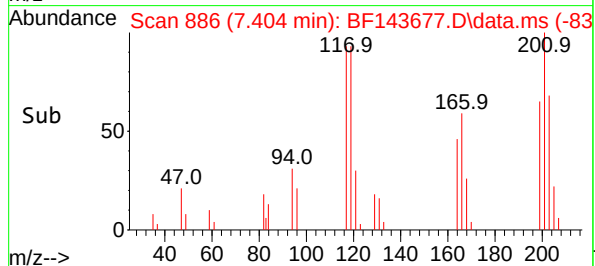
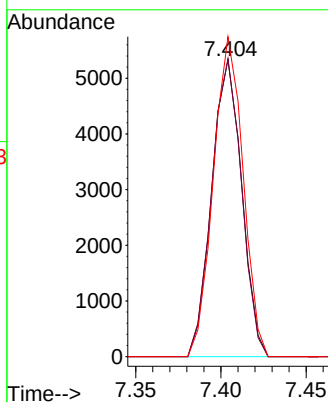
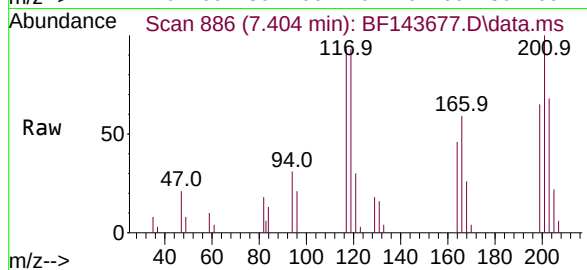
Tgt Ion:117 Resp: 6510

Ion Ratio Lower Upper

117 100

119 100.1 76.2 114.2

201 107.6 86.4 129.6



#19

n-Nitroso-di-n-propylamine

Concen: 4.966 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Tgt Ion: 70 Resp: 11861

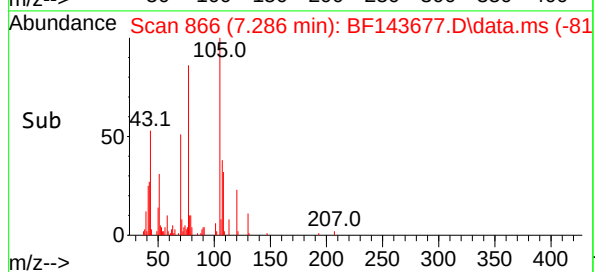
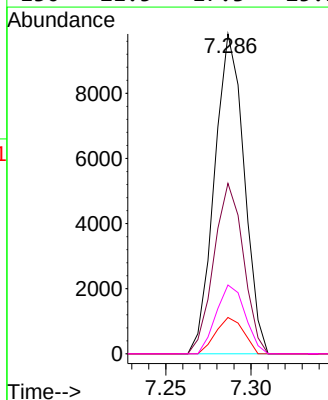
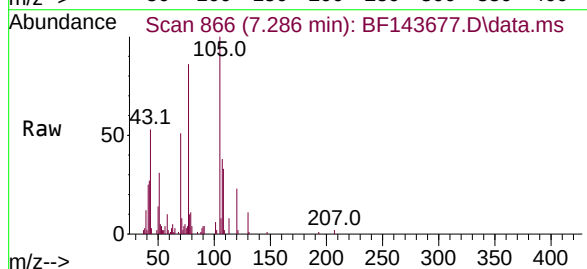
Ion Ratio Lower Upper

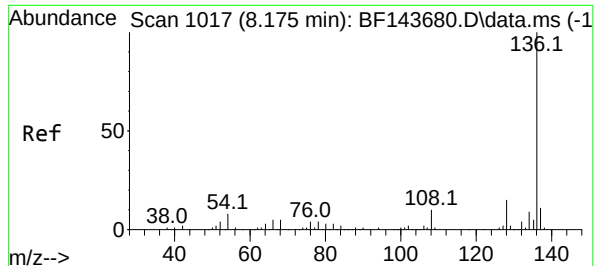
70 100

42 53.3 41.4 62.2

101 11.4 8.1 12.1

130 21.5 17.3 25.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 205041

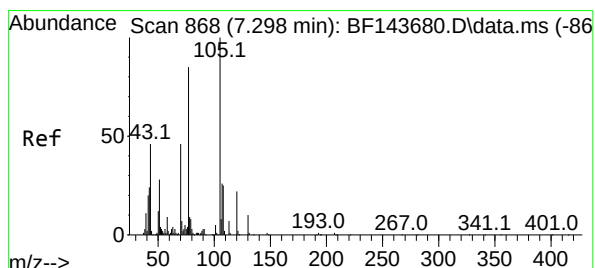
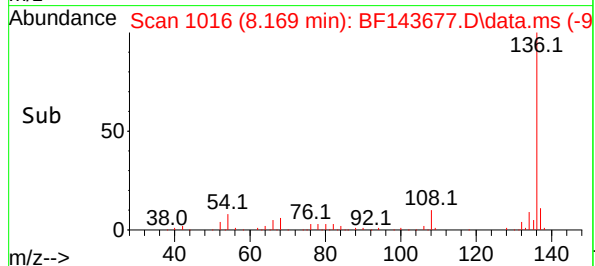
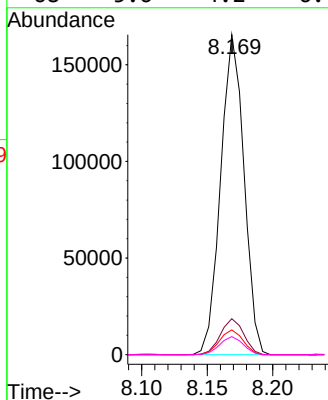
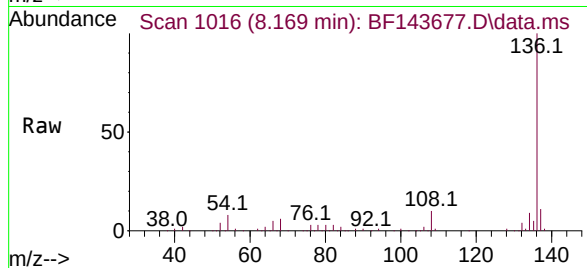
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.7 6.2 9.2

68 5.6 4.2 6.4



#22

Acetophenone

Concen: 5.349 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Tgt Ion:105 Resp: 24772

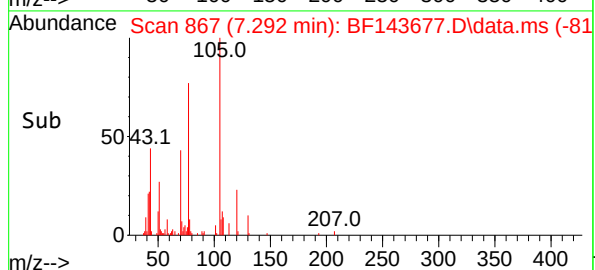
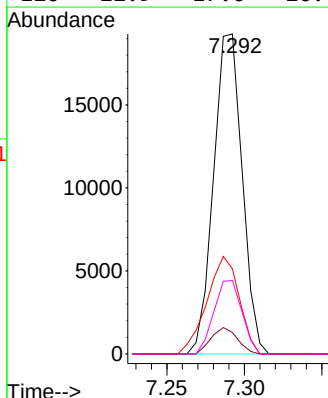
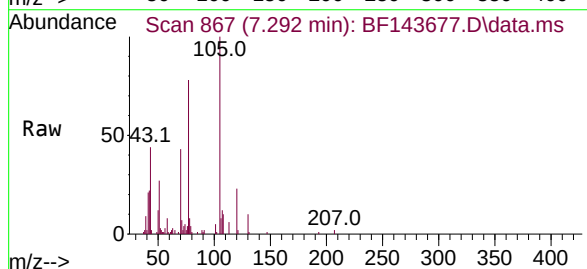
Ion Ratio Lower Upper

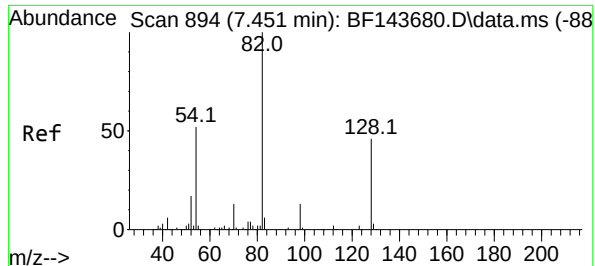
105 100

71 6.7 5.9 8.9

51 26.6 22.4 33.6

120 22.9 17.6 26.4





#23

Nitrobenzene-d5

Concen: 10.105 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

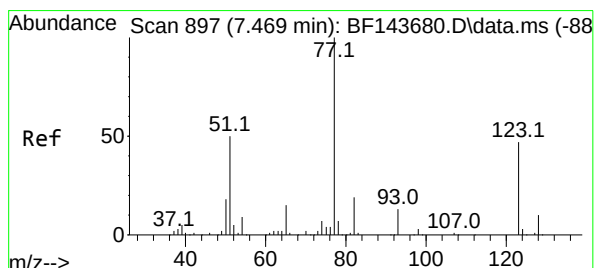
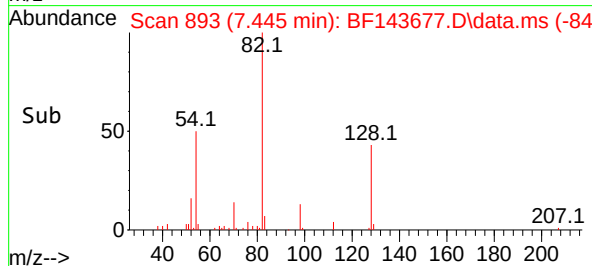
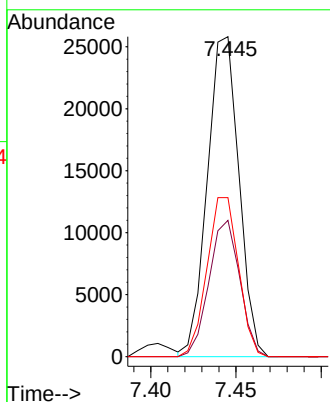
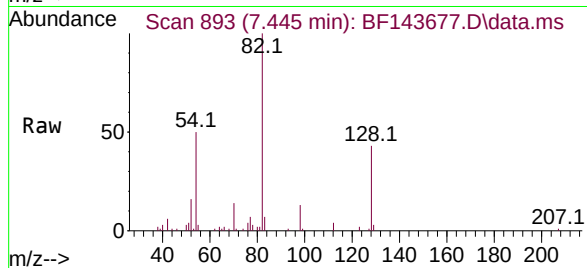
Tgt Ion: 82 Resp: 33309

Ion Ratio Lower Upper

82 100

128 42.6 37.0 55.4

54 49.7 41.8 62.8



#24

Nitrobenzene

Concen: 4.947 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

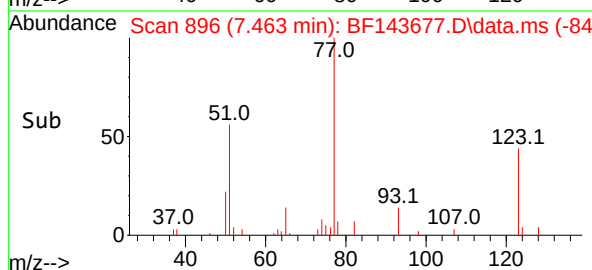
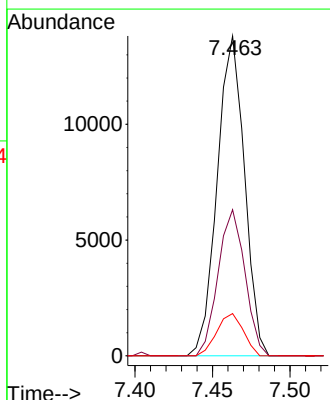
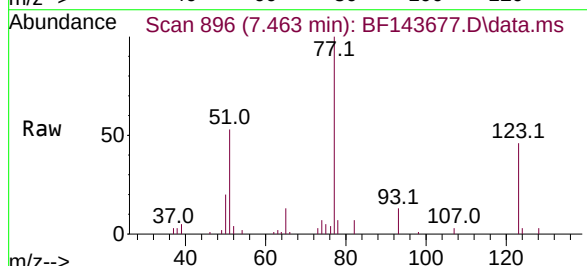
Tgt Ion: 77 Resp: 16908

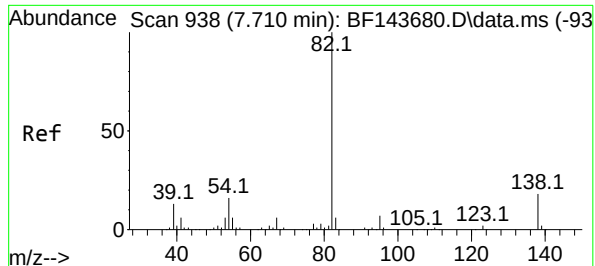
Ion Ratio Lower Upper

77 100

123 45.7 37.4 56.0

65 13.2 11.6 17.4

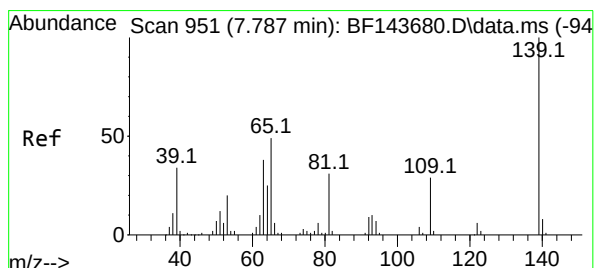
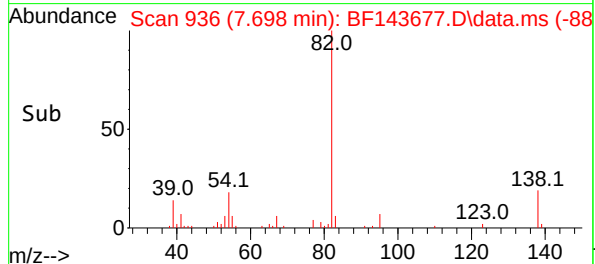
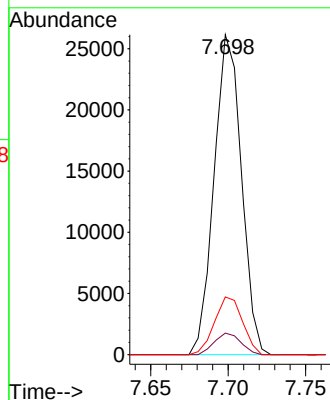
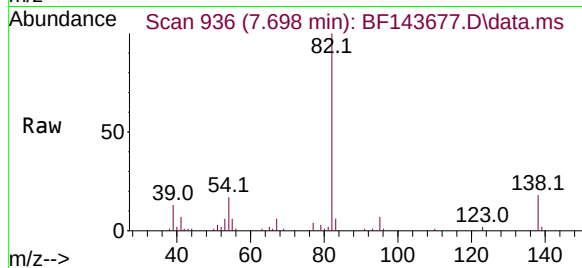




#25
Isophorone
Concen: 5.095 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

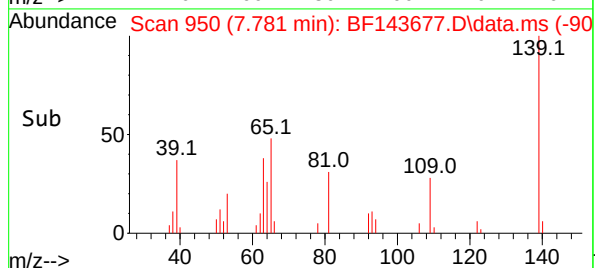
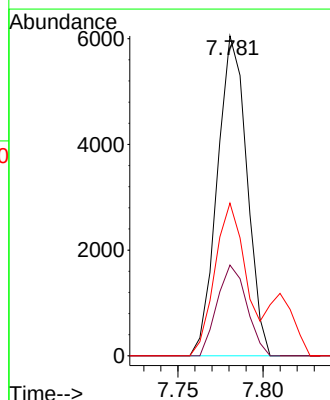
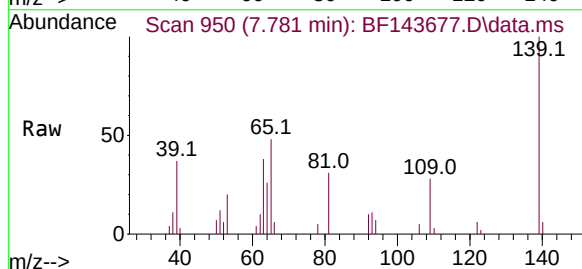
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

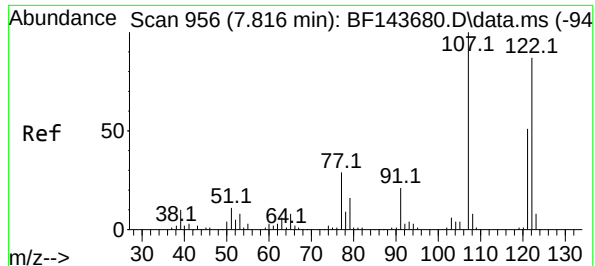
Tgt Ion: 82 Resp: 32204
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 18.0 14.8 22.2



#26
2-Nitrophenol
Concen: 4.352 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion: 139 Resp: 7313
Ion Ratio Lower Upper
139 100
109 28.4 22.8 34.2
65 47.7 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 5.244 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

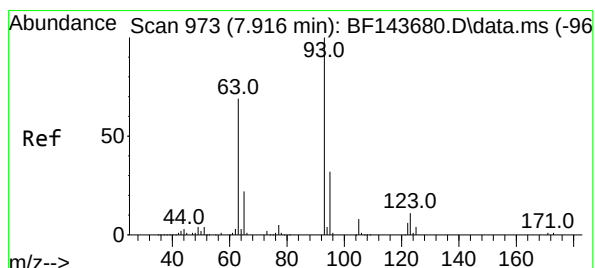
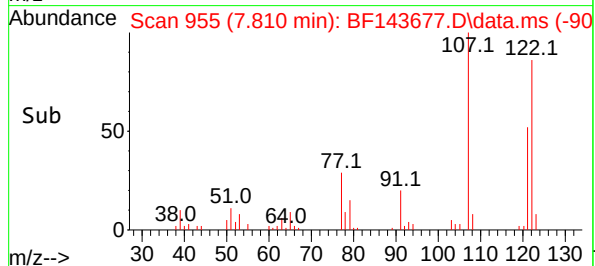
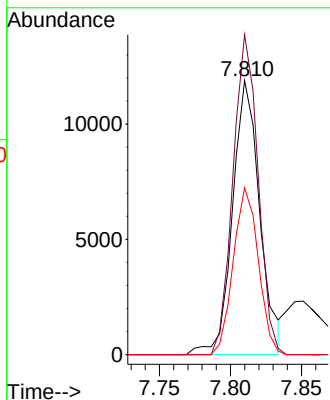
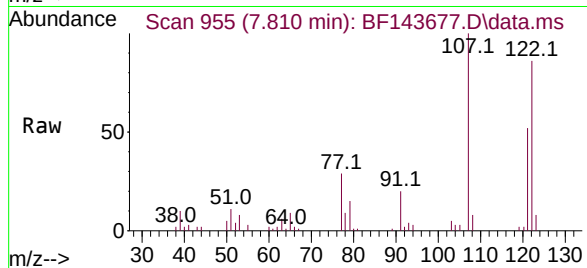
Tgt Ion:122 Resp: 15822

Ion Ratio Lower Upper

122 100

107 116.8 92.1 138.1

121 60.9 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 5.141 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

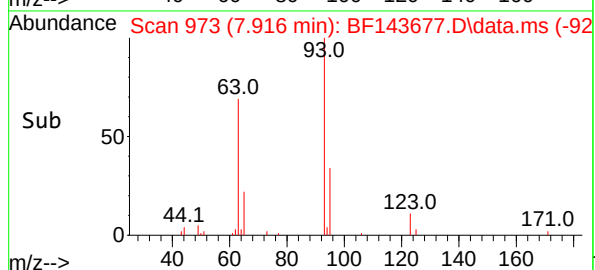
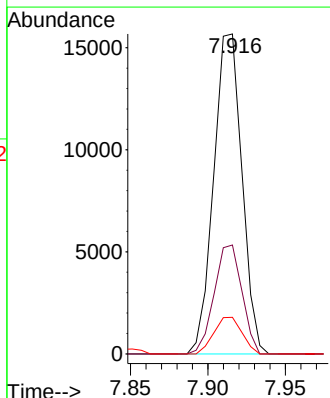
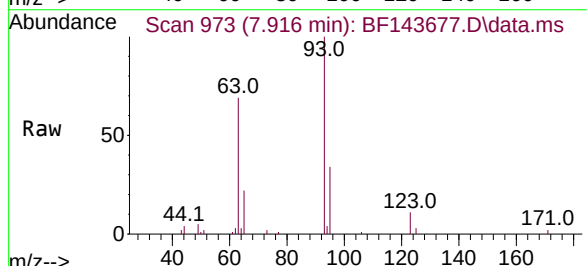
Tgt Ion: 93 Resp: 19972

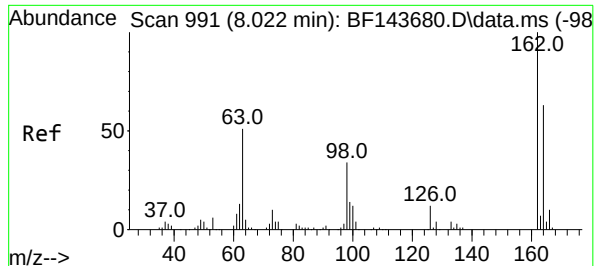
Ion Ratio Lower Upper

93 100

95 34.0 26.0 39.0

123 11.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 4.901 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

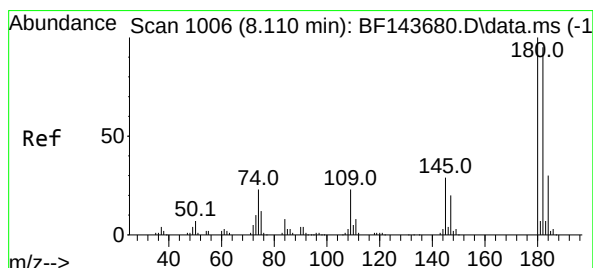
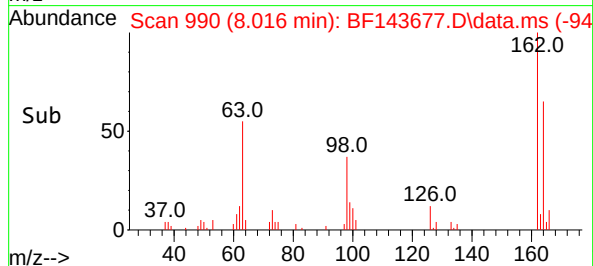
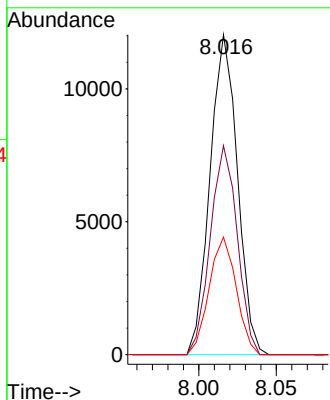
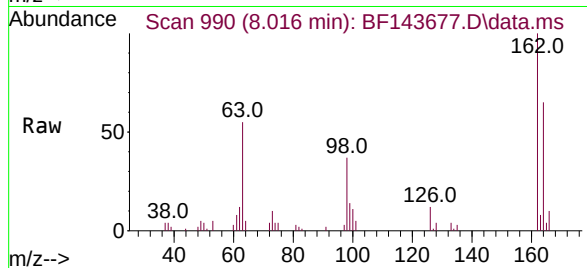
Tgt Ion:162 Resp: 14874

Ion Ratio Lower Upper

162 100

164 65.3 43.0 83.0

98 36.7 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 4.986 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

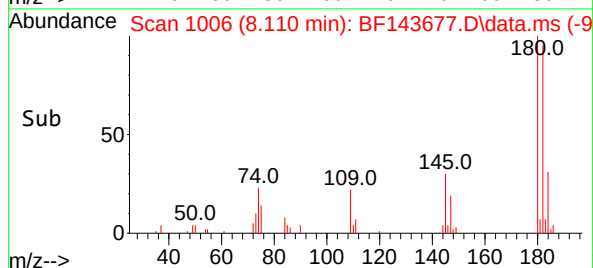
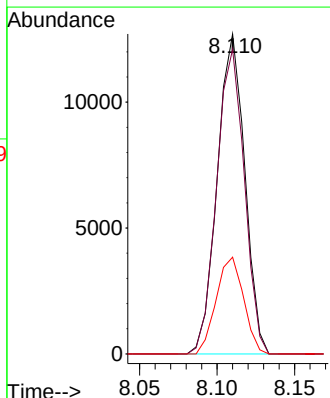
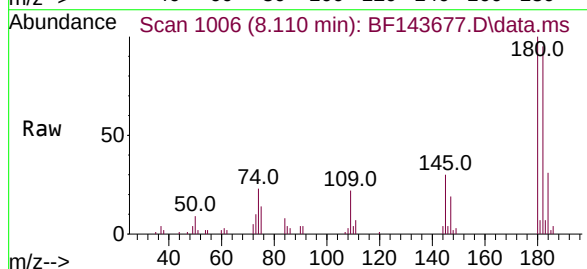
Tgt Ion:180 Resp: 15678

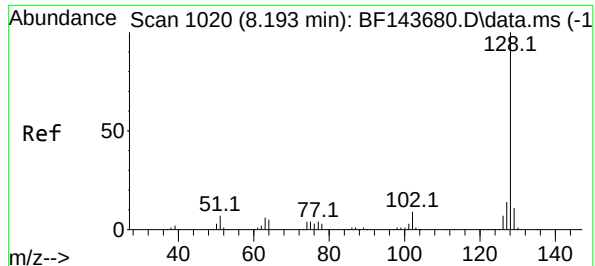
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.4

145 30.2 23.2 34.8





#31

Naphthalene

Concen: 5.276 ng

RT: 8.192 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF143677.D

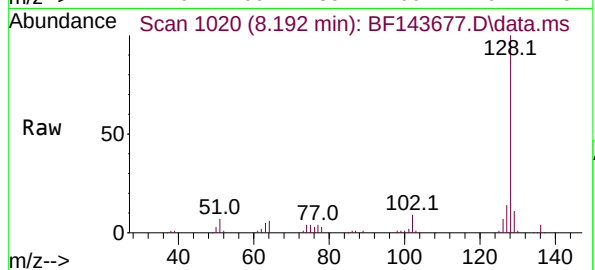
Acq: 09 Sep 2025 09:41

Instrument :

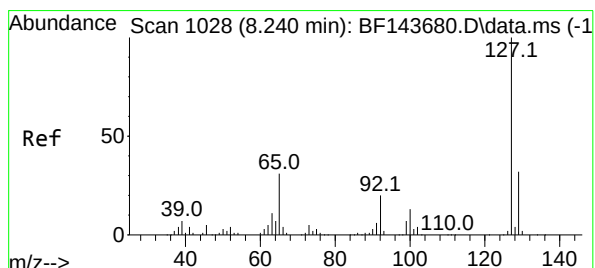
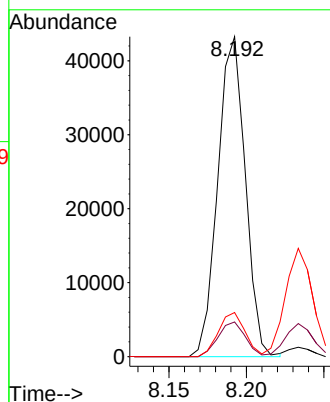
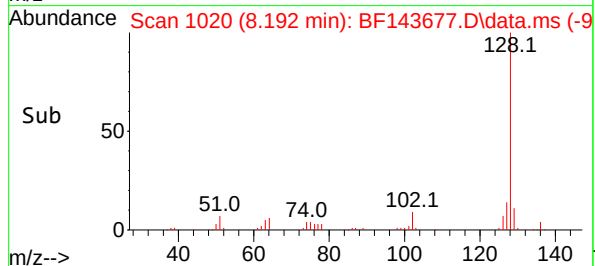
BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:	128	Resp:	53553
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.8	10.9	16.3



#33

4-Chloroaniline

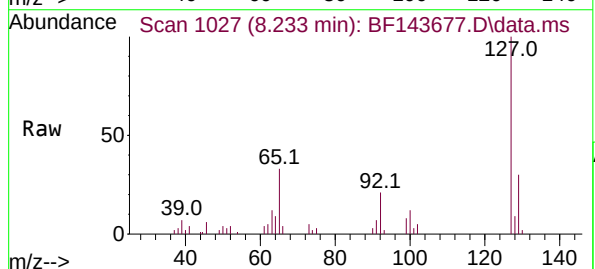
Concen: 5.067 ng

RT: 8.233 min Scan# 1027

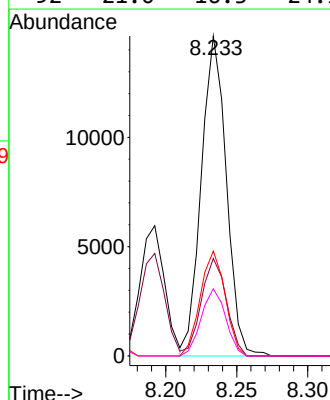
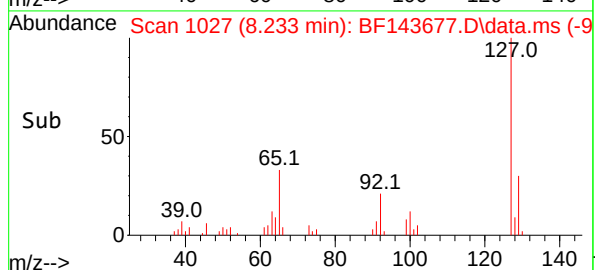
Delta R.T. -0.006 min

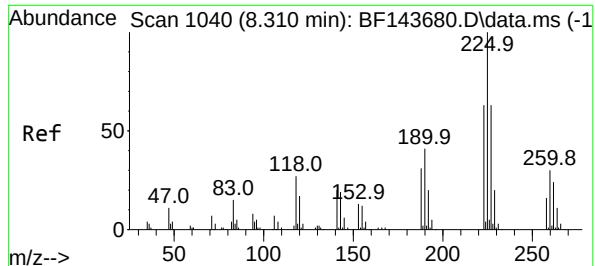
Lab File: BF143677.D

Acq: 09 Sep 2025 09:41



Tgt Ion:	127	Resp:	17906
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.0	39.0
65	32.8	24.6	36.8
92	21.0	16.3	24.5

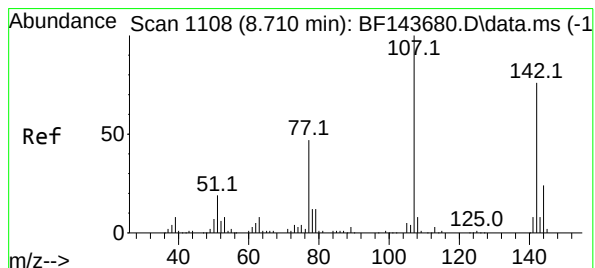
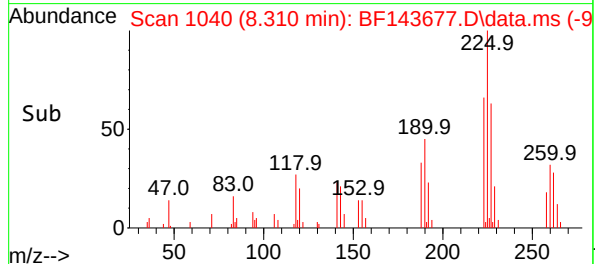
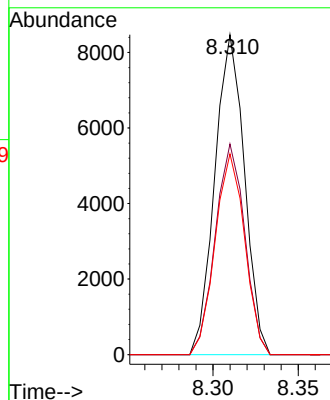
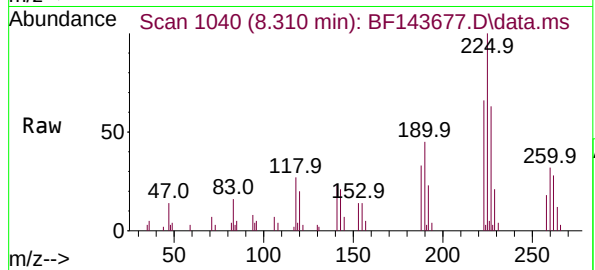




#34
Hexachlorobutadiene
Concen: 4.988 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

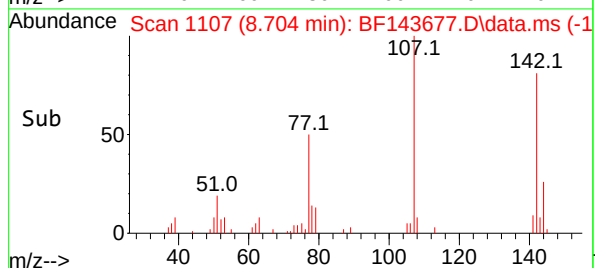
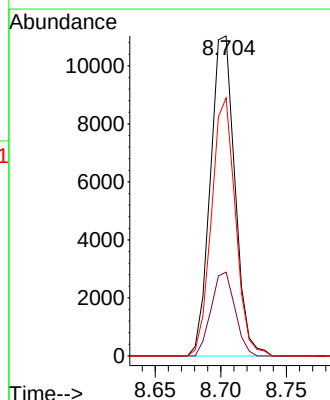
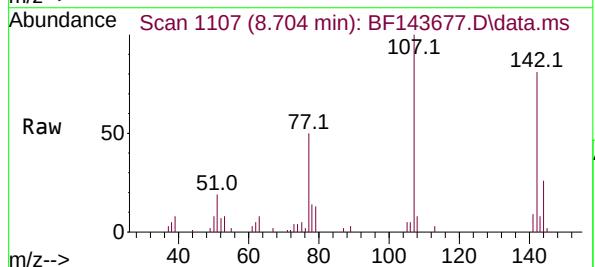
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

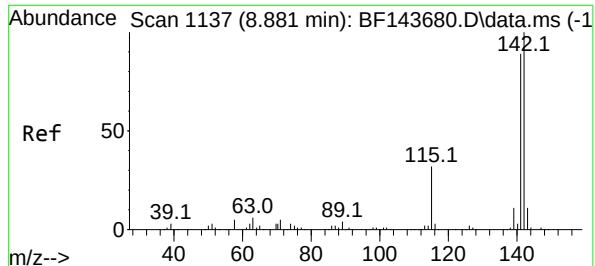
Tgt Ion:225 Resp: 10229
Ion Ratio Lower Upper
225 100
223 65.8 50.6 76.0
227 62.7 50.8 76.2



#36
4-Chloro-3-methylphenol
Concen: 4.814 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion:107 Resp: 14405
Ion Ratio Lower Upper
107 100
144 26.2 19.4 29.2
142 80.6 60.6 91.0





#37

2-Methylnaphthalene

Concen: 5.328 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

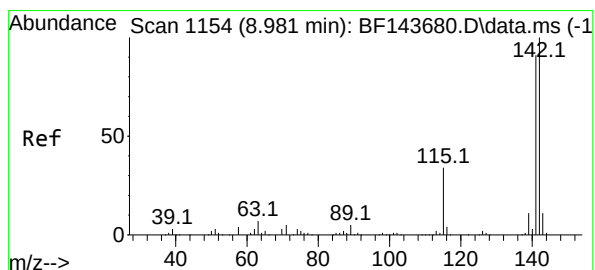
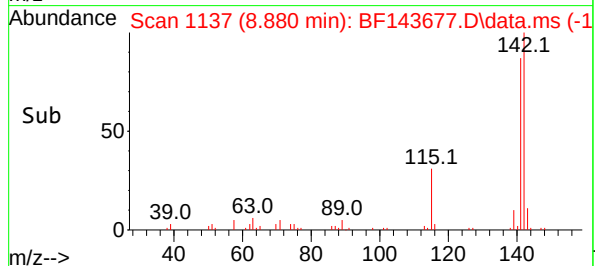
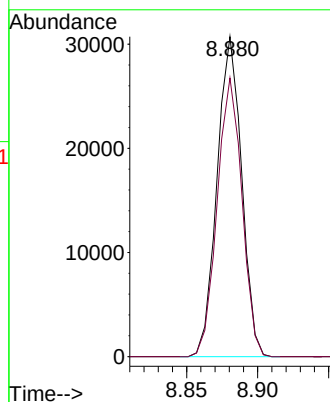
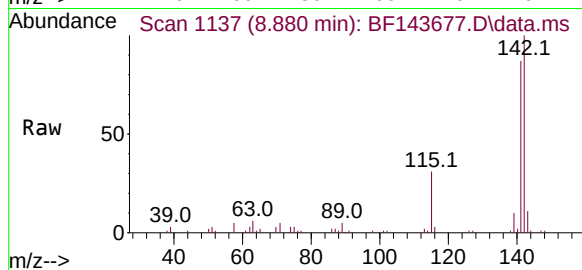
SSTDICC005

Tgt Ion:142 Resp: 37023

Ion Ratio Lower Upper

142 100

141 87.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 5.280 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143677.D

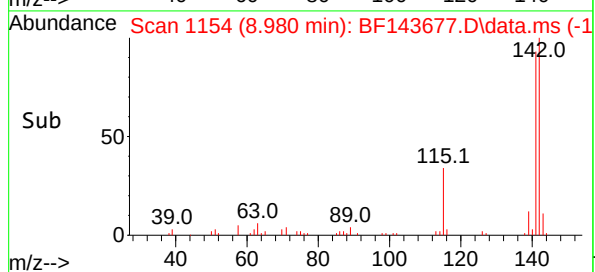
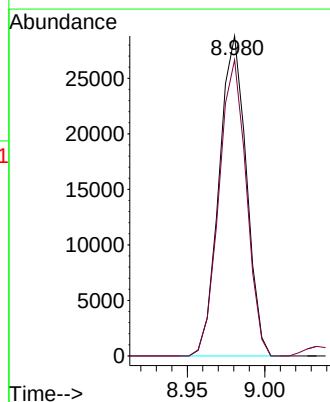
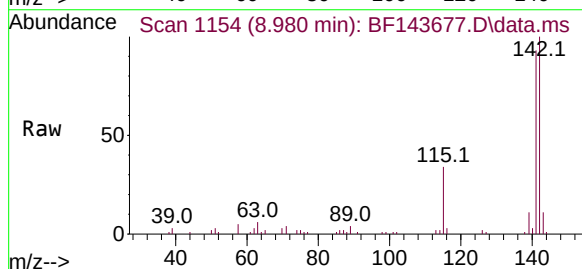
Acq: 09 Sep 2025 09:41

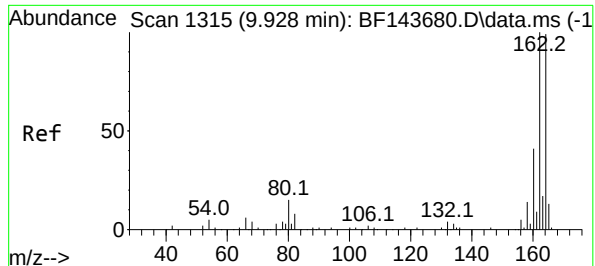
Tgt Ion:142 Resp: 35207

Ion Ratio Lower Upper

142 100

141 92.5 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

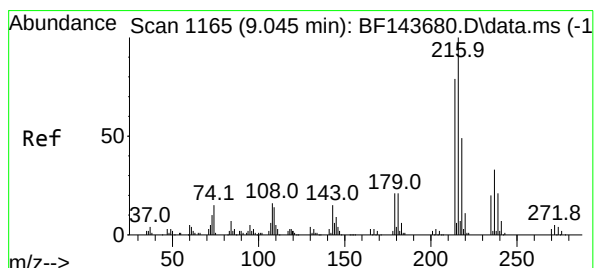
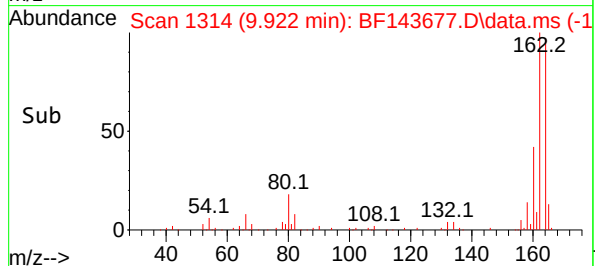
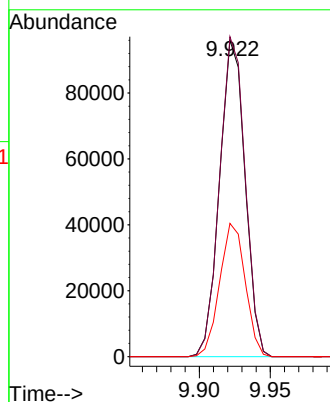
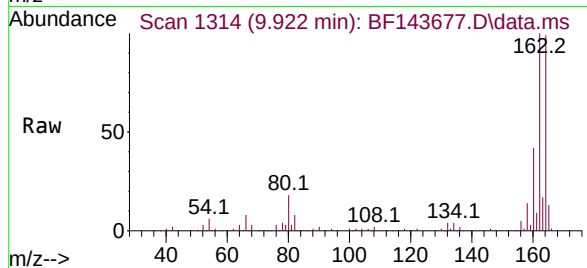
Tgt Ion:164 Resp: 120150

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

160 42.1 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.067 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Tgt Ion:216 Resp: 17428

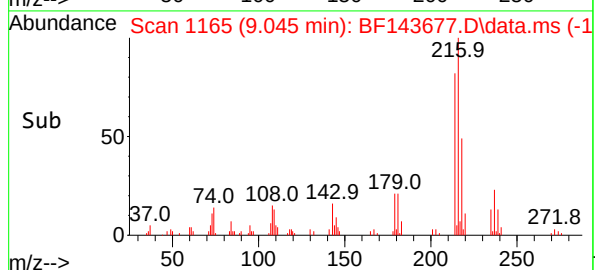
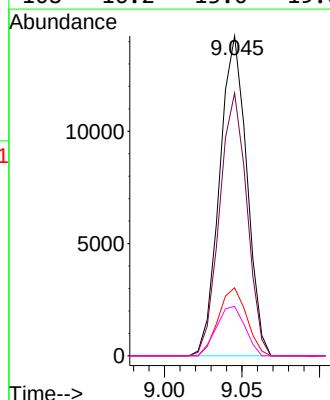
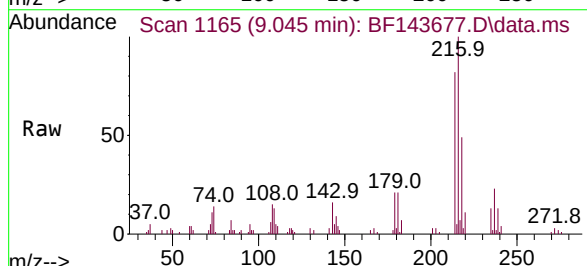
Ion Ratio Lower Upper

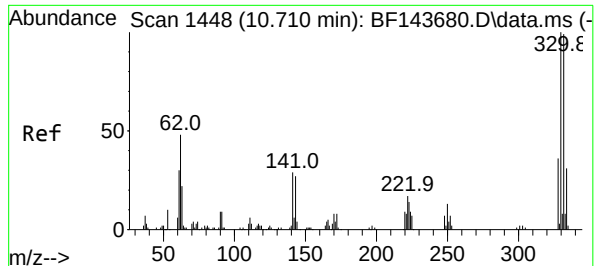
216 100

214 82.1 63.2 94.8

179 22.0 16.8 25.2

108 16.2 13.0 19.6





#42

2,4,6-Tribromophenol

Concen: 10.356 ng

RT: 10.704 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

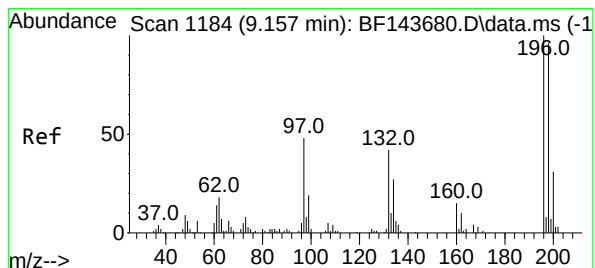
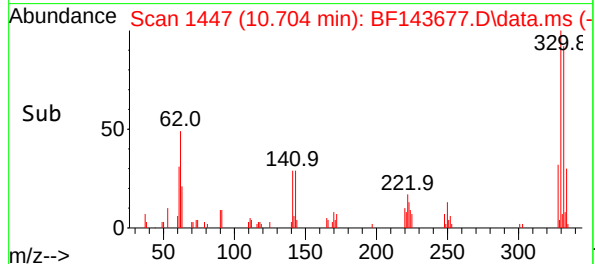
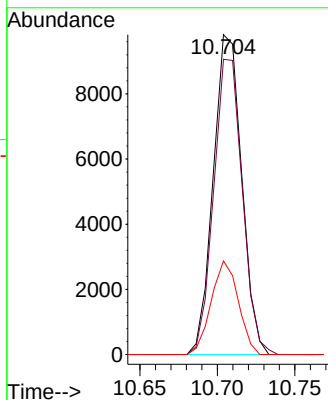
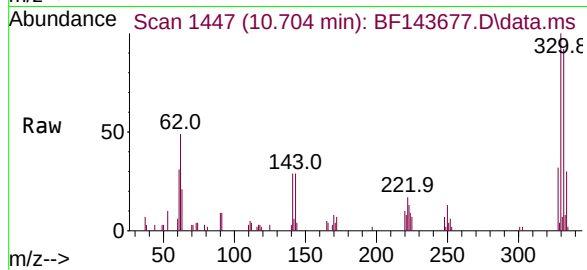
Tgt Ion:330 Resp: 12540

Ion Ratio Lower Upper

330 100

332 93.1 79.2 118.8

141 27.9 22.2 33.4



#43

2,4,6-Trichlorophenol

Concen: 4.841 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

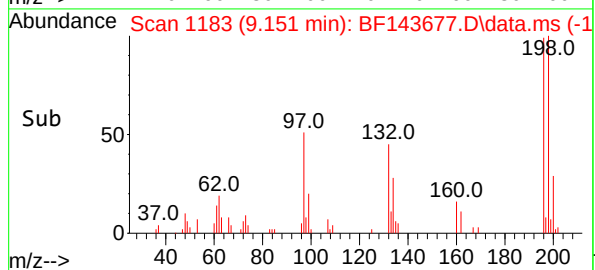
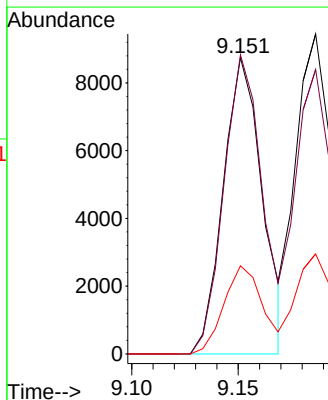
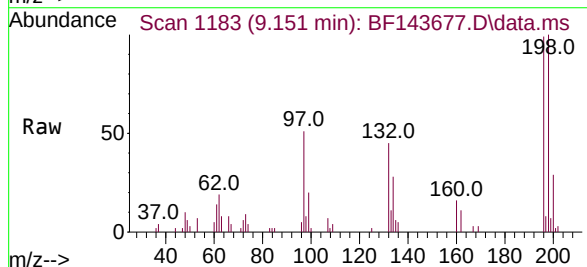
Tgt Ion:196 Resp: 11120

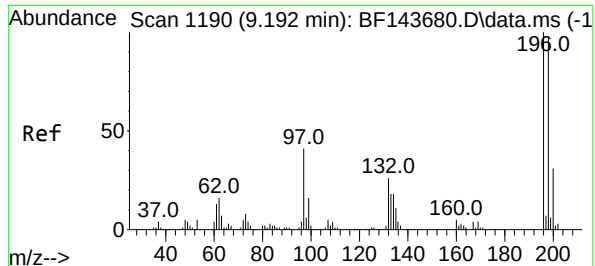
Ion Ratio Lower Upper

196 100

198 101.0 76.5 114.7

200 29.7 24.5 36.7





#44

2,4,5-Trichlorophenol

Concen: 4.855 ng

RT: 9.186 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF143677.D

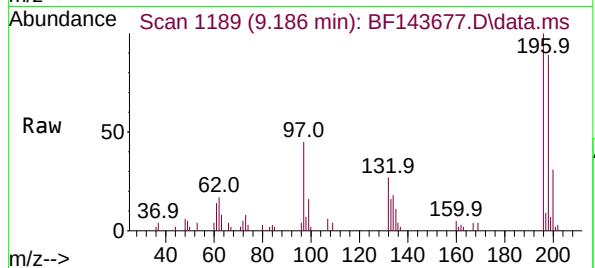
Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 11336

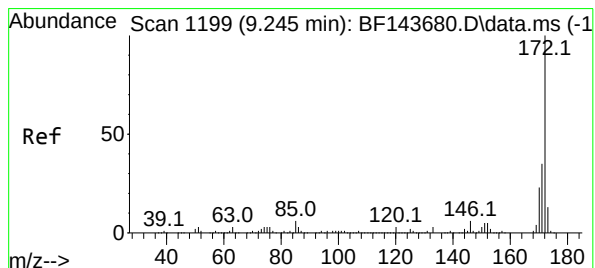
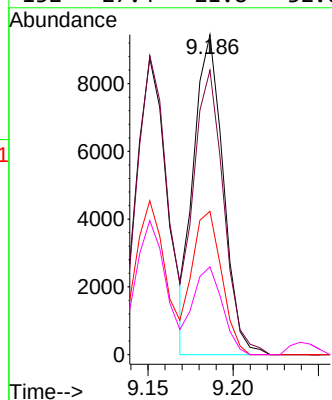
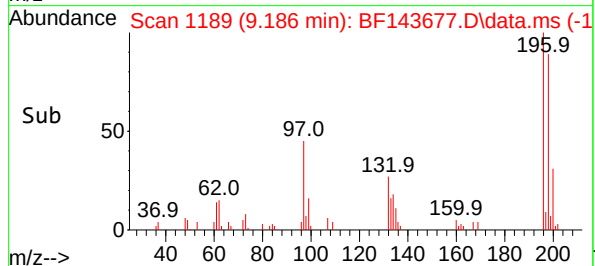
Ion Ratio Lower Upper

196 100

198 88.9 77.0 115.6

97 44.8 34.2 51.4

132 27.4 21.8 32.6



#45

2-Fluorobiphenyl

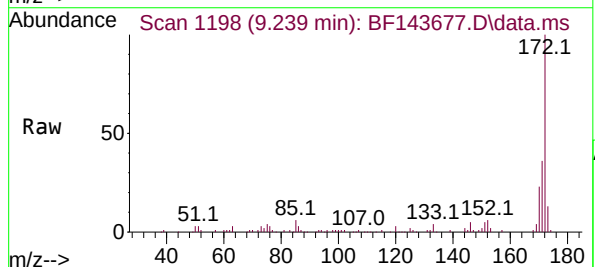
Concen: 10.611 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41



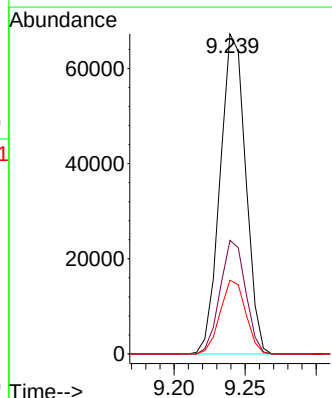
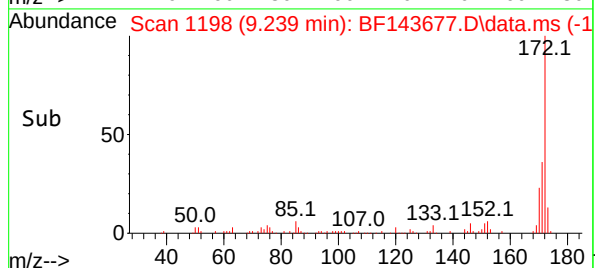
Tgt Ion:172 Resp: 84393

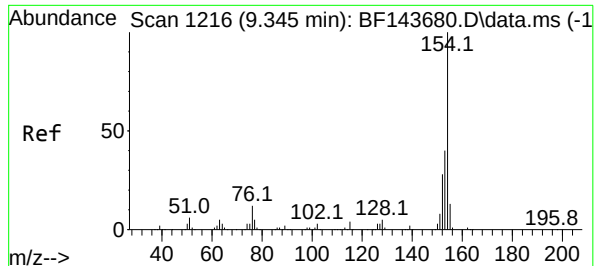
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 23.0 18.6 27.8

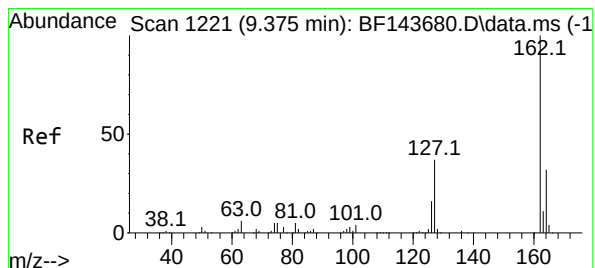
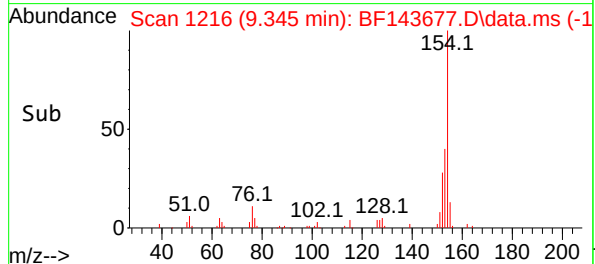
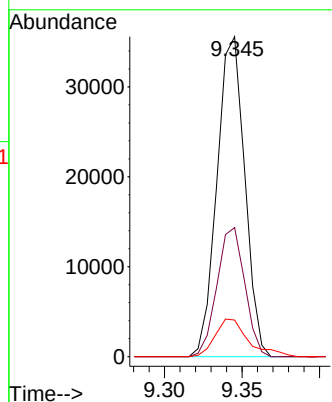
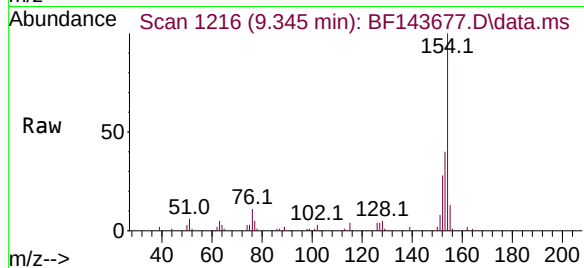




#46
1,1'-Biphenyl
Concen: 5.143 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

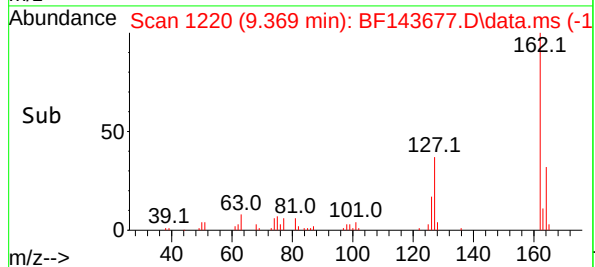
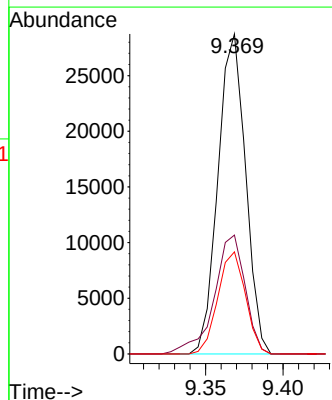
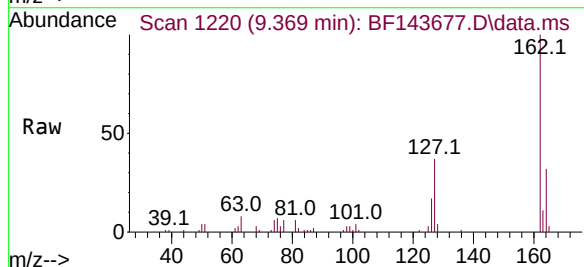
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

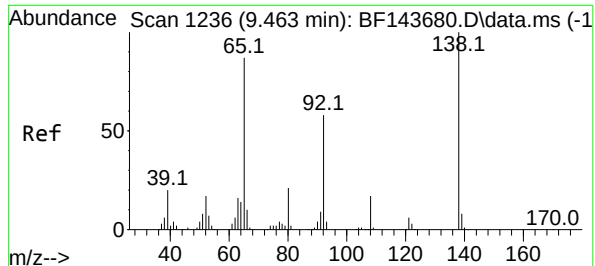
Tgt Ion:154 Resp: 44485
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 11.4 0.0 31.6



#47
2-Chloronaphthalene
Concen: 5.252 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion:162 Resp: 35613
Ion Ratio Lower Upper
162 100
127 37.1 30.6 45.8
164 31.9 25.8 38.8

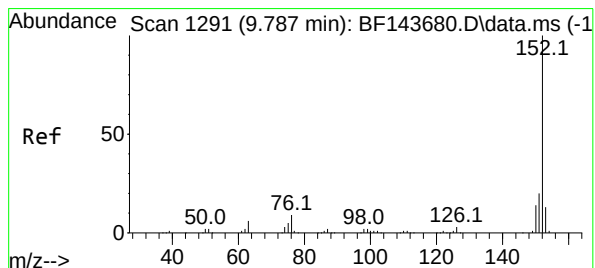
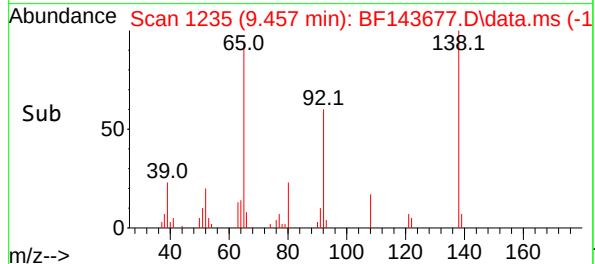
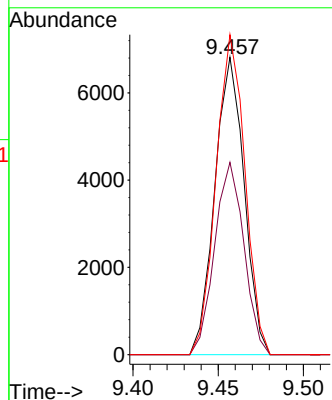
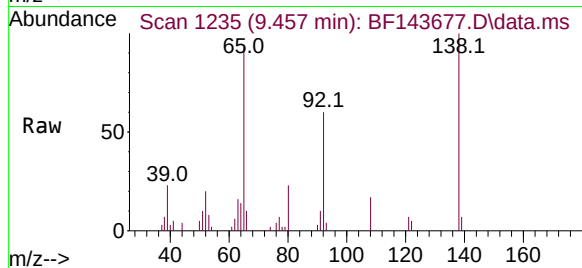




#48
2-Nitroaniline
Concen: 4.546 ng
RT: 9.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

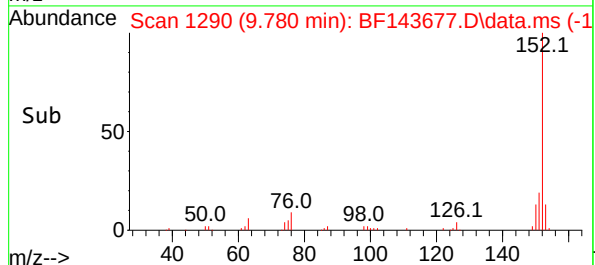
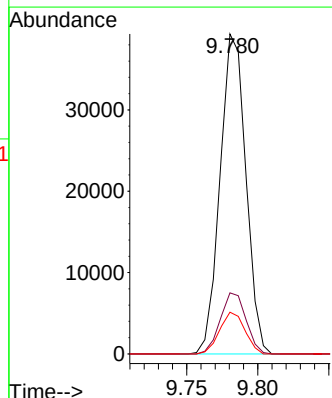
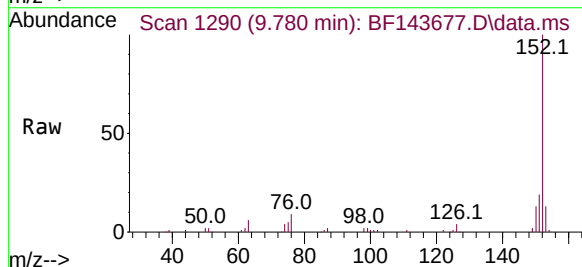
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

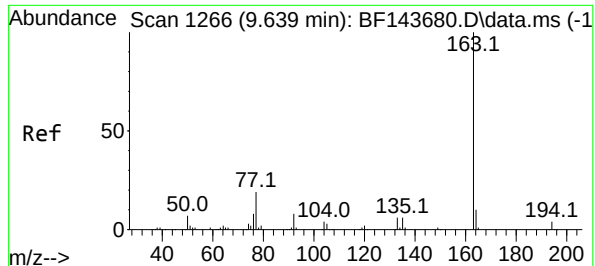
Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.3	79.9
138	107.6	92.1	138.1



#49
Acenaphthylene
Concen: 5.120 ng
RT: 9.780 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.9	23.9
153	13.1	10.4	15.6





#50

Dimethylphthalate

Concen: 5.131 ng

RT: 9.633 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

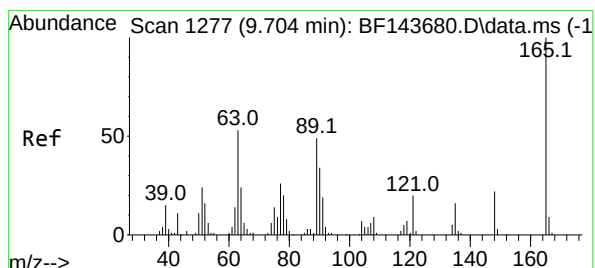
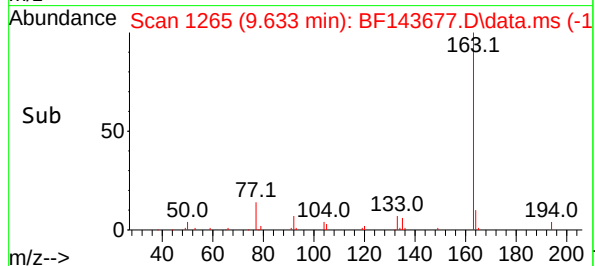
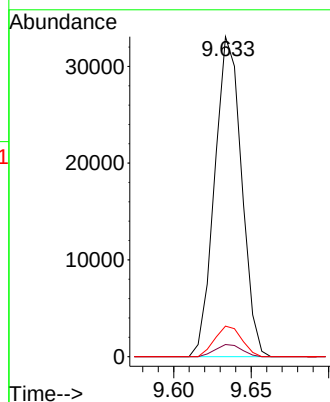
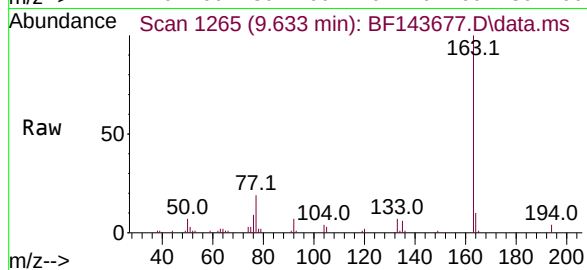
Tgt Ion:163 Resp: 40112

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 9.5 8.0 12.0



#51

2,6-Dinitrotoluene

Concen: 4.166 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

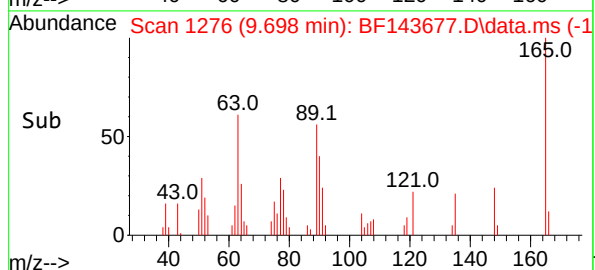
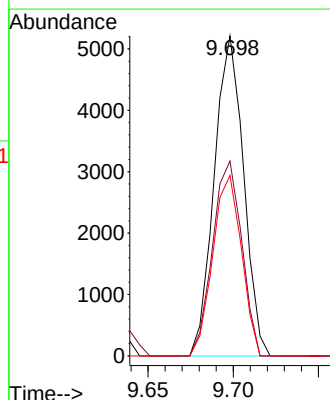
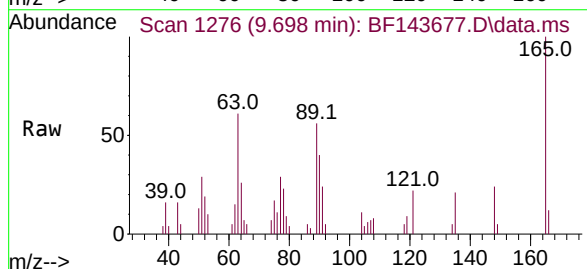
Tgt Ion:165 Resp: 6227

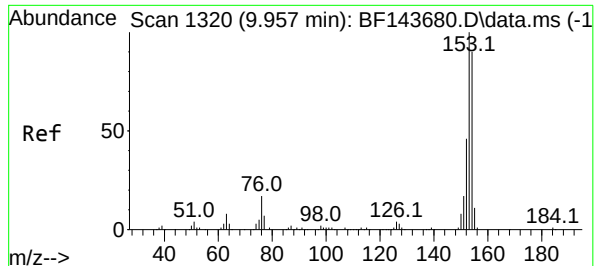
Ion Ratio Lower Upper

165 100

63 60.9 42.2 63.4

89 56.4 39.3 58.9

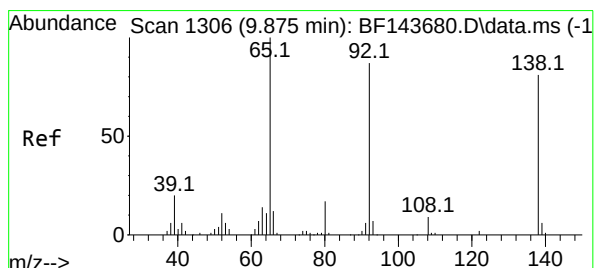
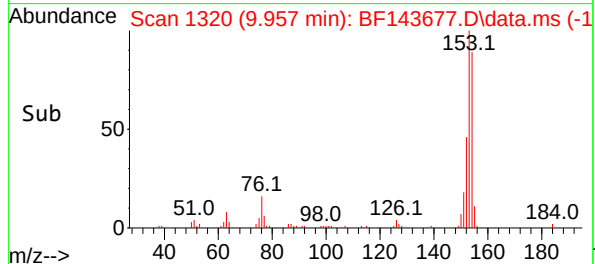
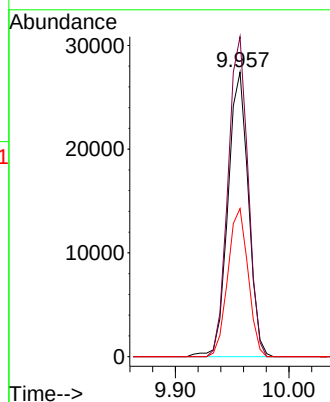
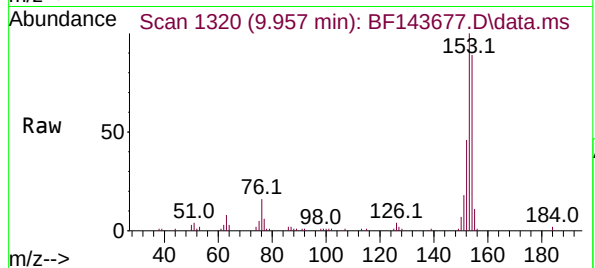




#52
Acenaphthene
Concen: 5.128 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

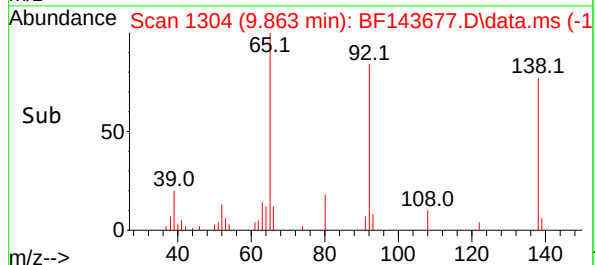
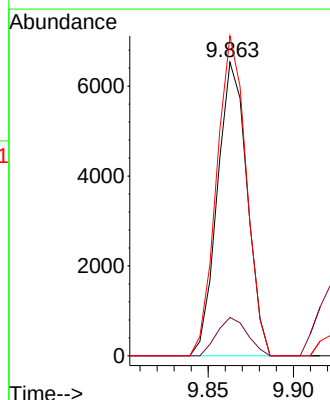
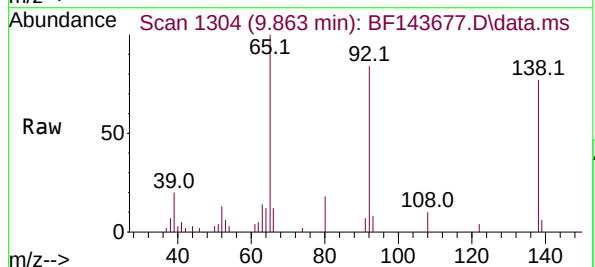
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

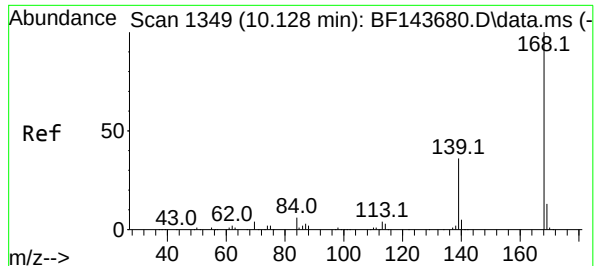
Tgt Ion:154 Resp: 34323
Ion Ratio Lower Upper
154 100
153 112.5 89.4 134.0
152 52.1 41.2 61.8



#53
3-Nitroaniline
Concen: 4.927 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion:138 Resp: 7925
Ion Ratio Lower Upper
138 100
108 13.1 8.6 12.8#
92 108.9 85.5 128.3





#55

Dibenzofuran

Concen: 5.348 ng

RT: 10.127 min Scan# 1349

Delta R.T. -0.000 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

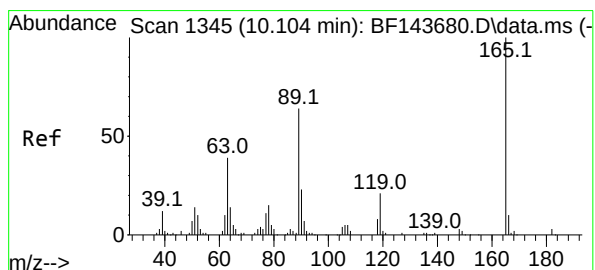
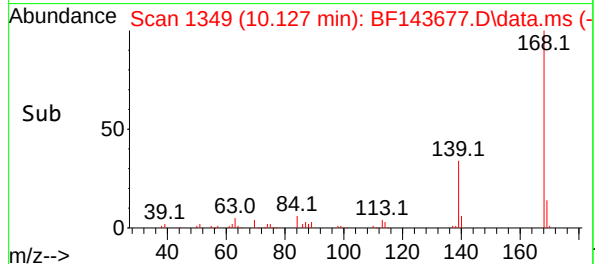
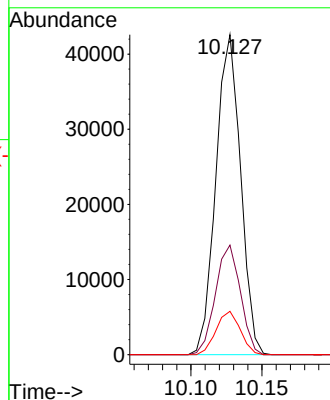
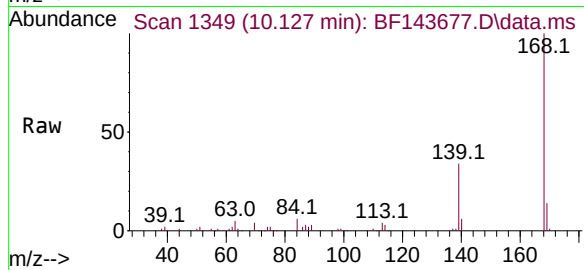
Tgt Ion:168 Resp: 51470

Ion Ratio Lower Upper

168 100

139 34.2 29.0 43.4

169 13.5 10.8 16.2



#57

2,4-Dinitrotoluene

Concen: 4.336 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Tgt Ion:165 Resp: 8821

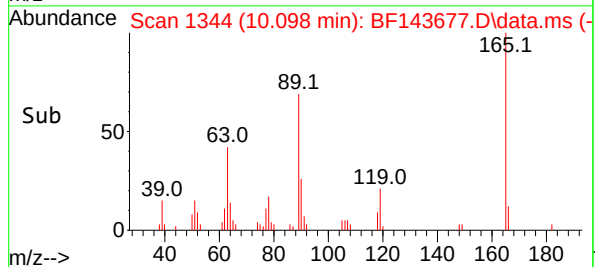
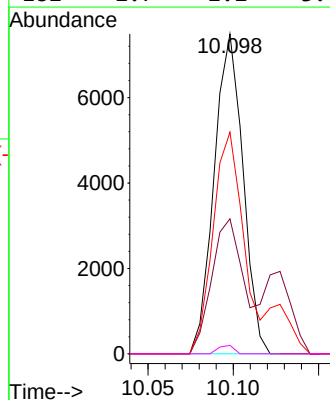
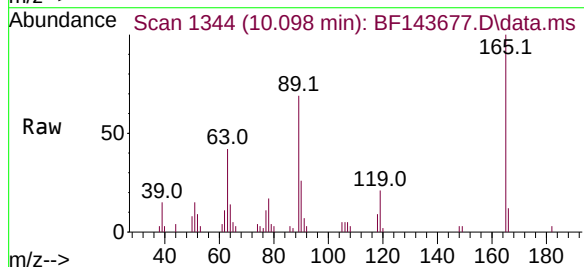
Ion Ratio Lower Upper

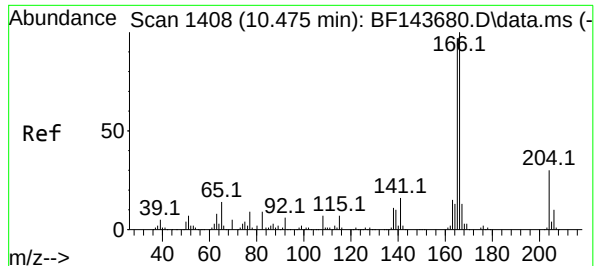
165 100

63 42.2 31.5 47.3

89 69.3 51.3 76.9

182 2.7 2.2 3.4

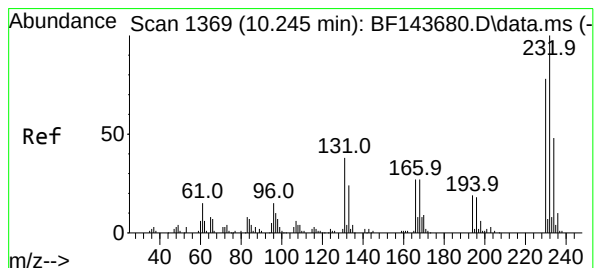
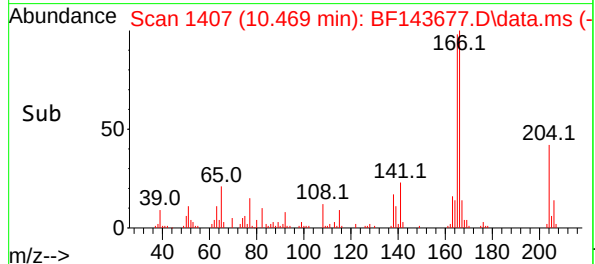
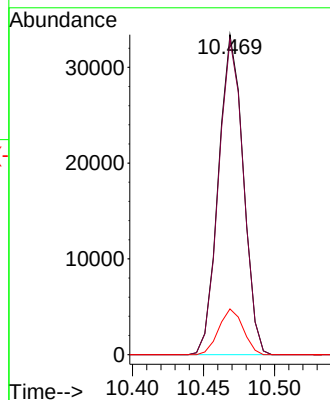
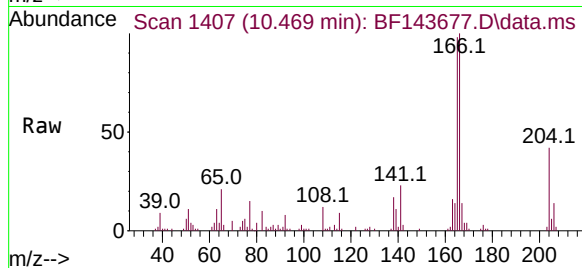




#58
Fluorene
Concen: 5.389 ng
RT: 10.469 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

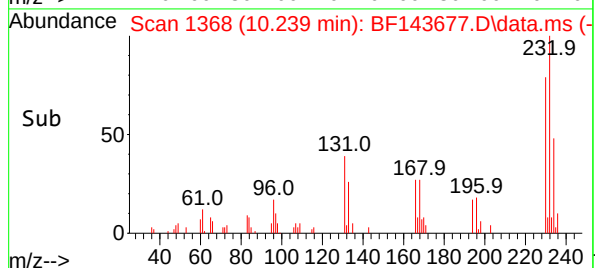
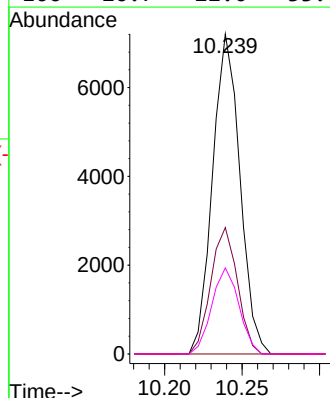
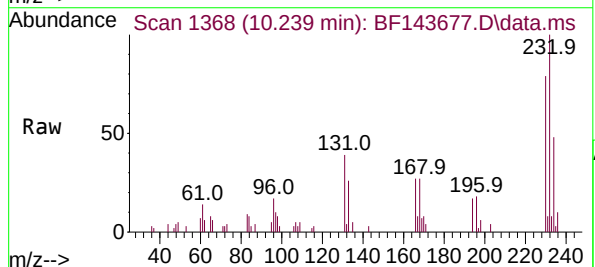
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

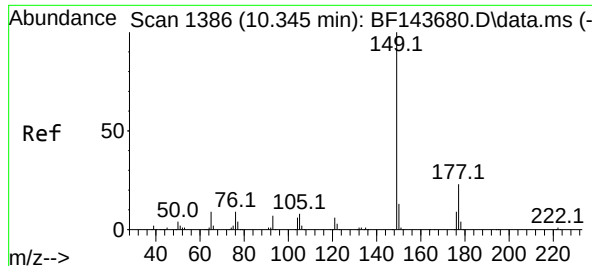
Tgt Ion:166 Resp: 40602
Ion Ratio Lower Upper
166 100
165 98.5 77.5 116.3
167 14.3 10.2 15.2



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.674 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion:232 Resp: 8849
Ion Ratio Lower Upper
232 100
131 38.6 31.9 47.9
130 0.0 1.4 2.0#
166 26.7 22.0 33.0

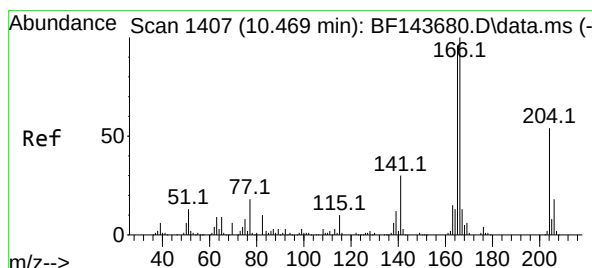
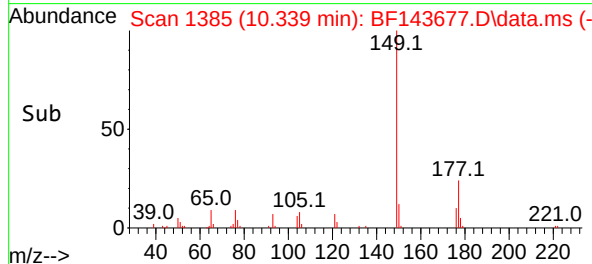
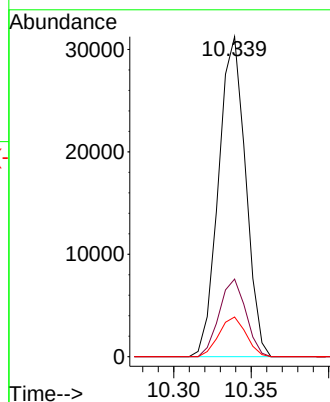
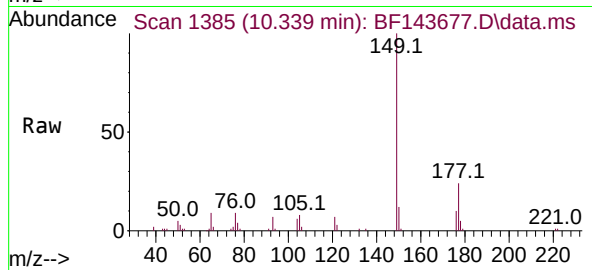




#60
Diethylphthalate
Concen: 5.151 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

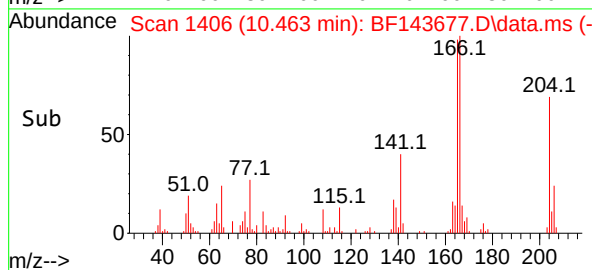
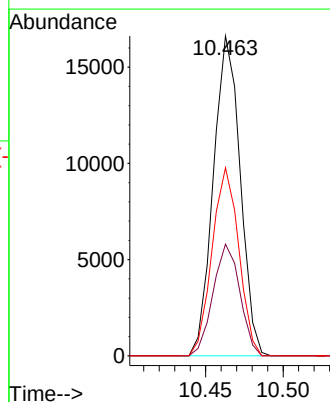
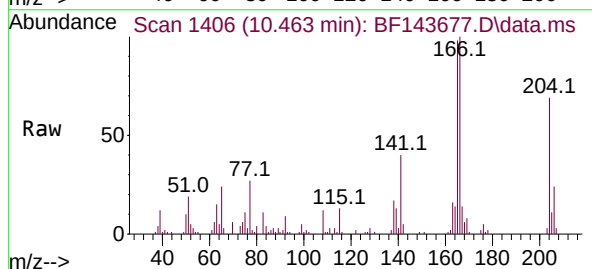
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

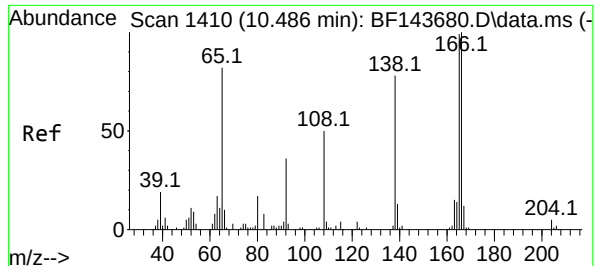
Tgt Ion:149 Resp: 37807
Ion Ratio Lower Upper
149 100
177 24.2 18.2 27.2
150 12.4 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: 5.246 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion:204 Resp: 20046
Ion Ratio Lower Upper
204 100
206 34.9 26.0 39.0
141 58.8 44.8 67.2

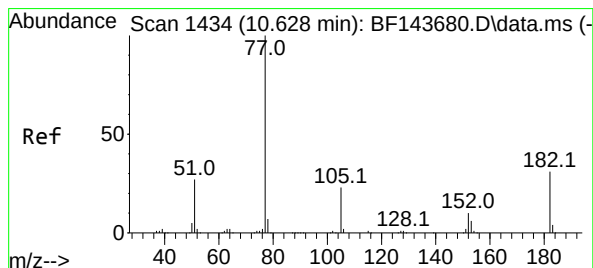
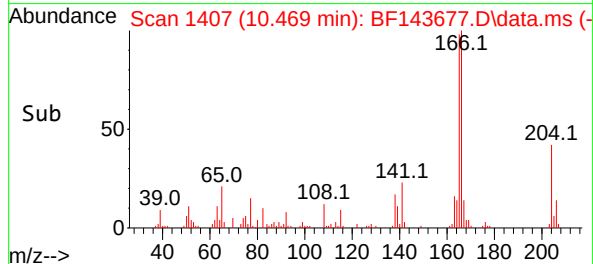
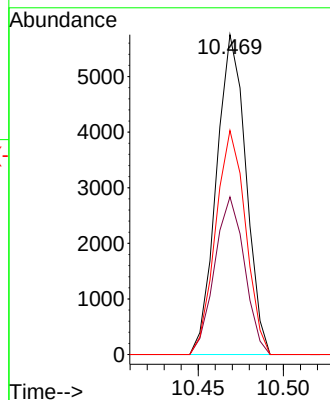
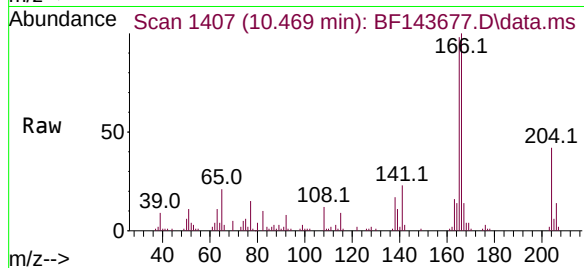




#62
4-Nitroaniline
Concen: 4.553 ng
RT: 10.469 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

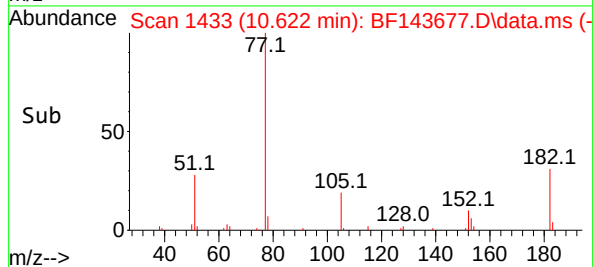
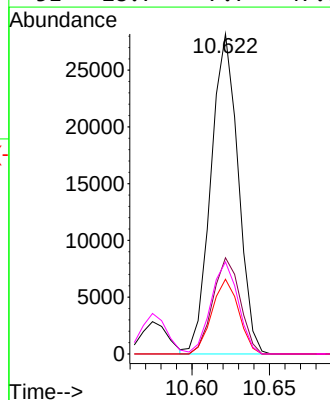
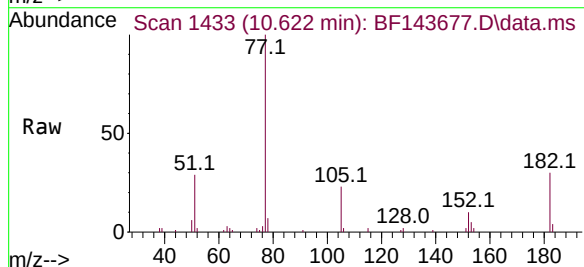
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

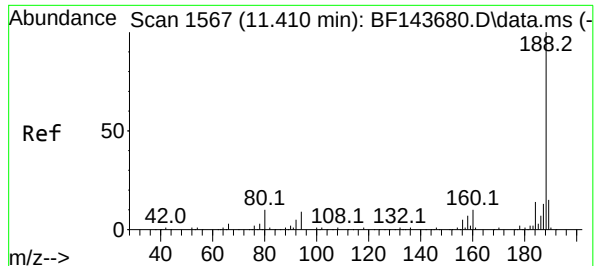
Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	26.4	66.4
108	70.0	44.3	84.3



#63
Azobenzene
Concen: 5.305 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.0	10.8	50.8
105	23.3	3.2	43.2
51	28.7	7.7	47.7

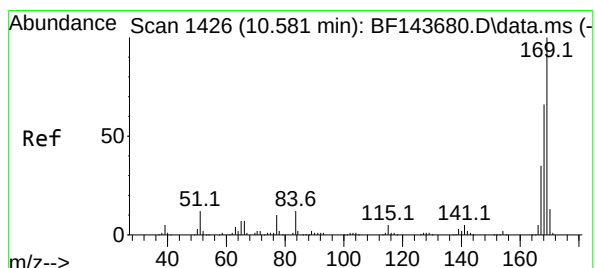
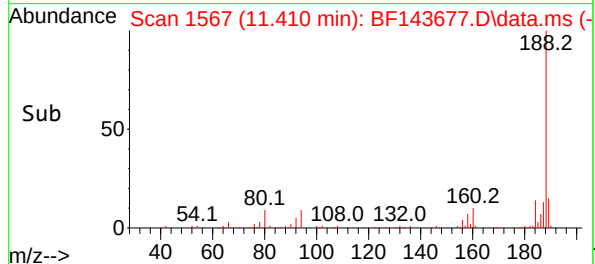
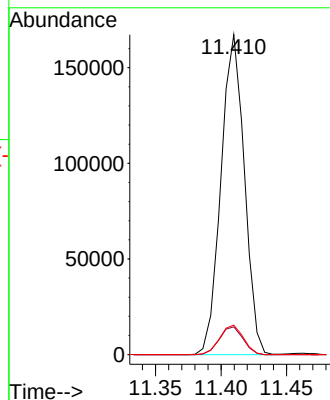
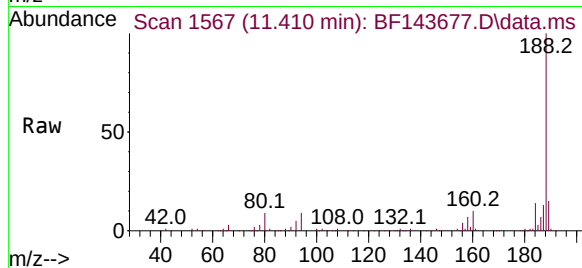




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

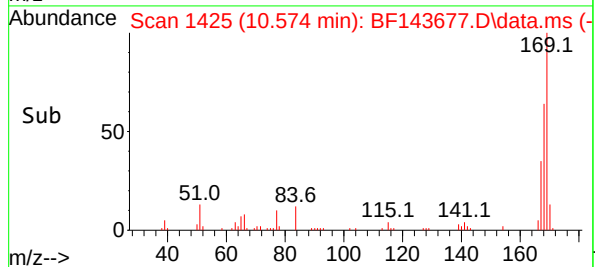
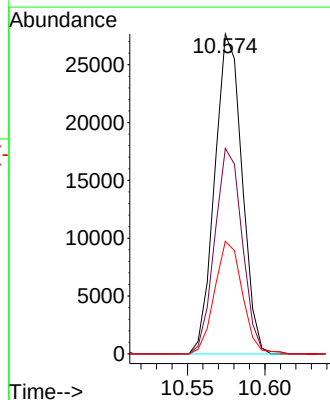
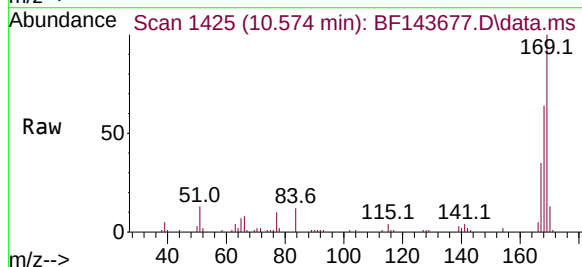
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

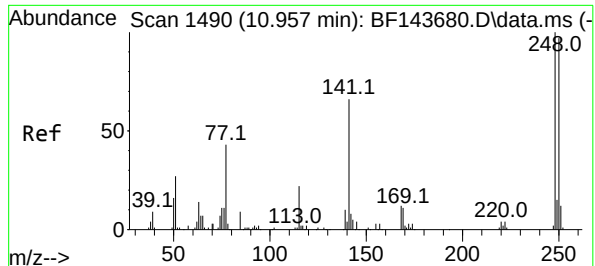
Tgt Ion:188 Resp: 207771
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 9.2 7.7 11.5



#66
n-Nitrosodiphenylamine
Concen: 4.982 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion:169 Resp: 33909
Ion Ratio Lower Upper
169 100
168 64.2 53.0 79.6
167 35.2 28.1 42.1

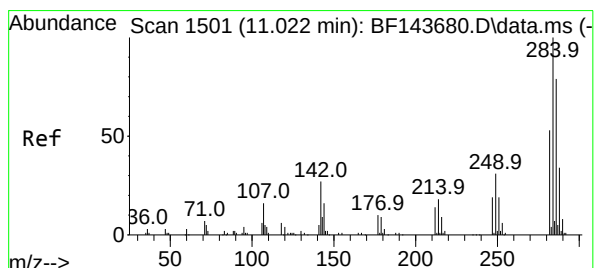
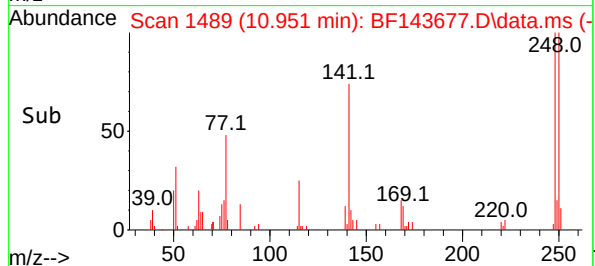
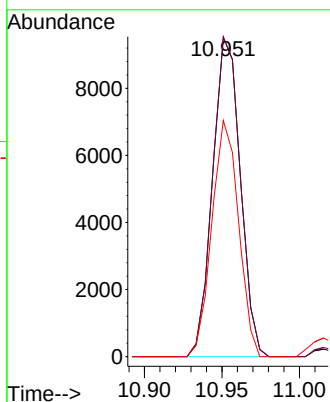
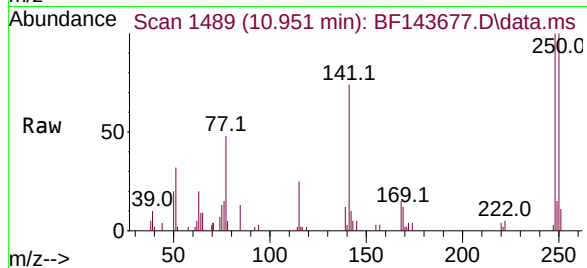




#67
4-Bromophenyl-phenylether
Concen: 4.724 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

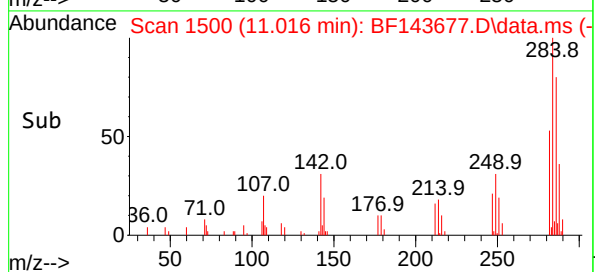
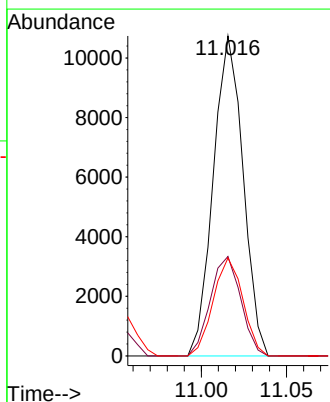
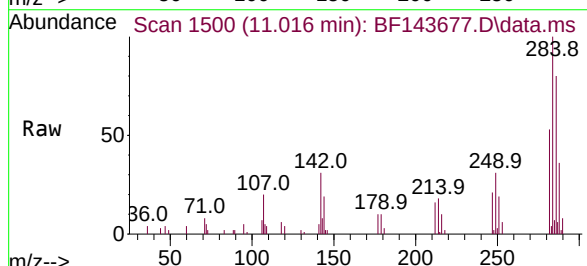
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

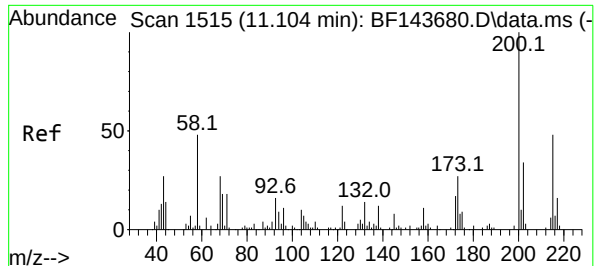
Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.3	77.5	116.3
141	74.0	52.6	79.0



#68
Hexachlorobenzene
Concen: 4.924 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	21.3	31.9
249	30.6	25.0	37.4

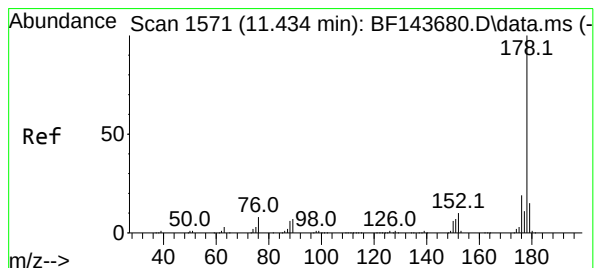
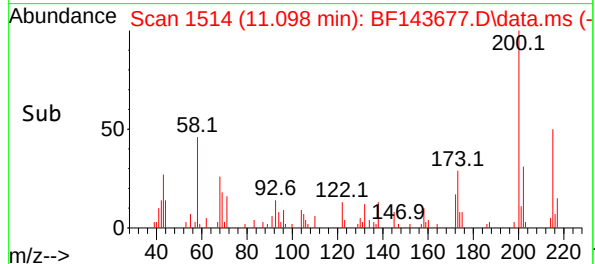
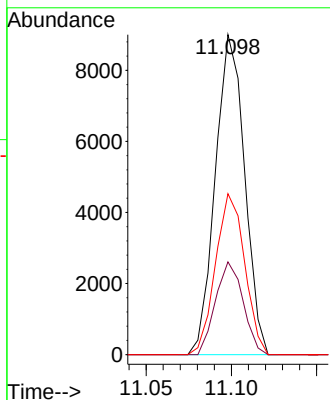
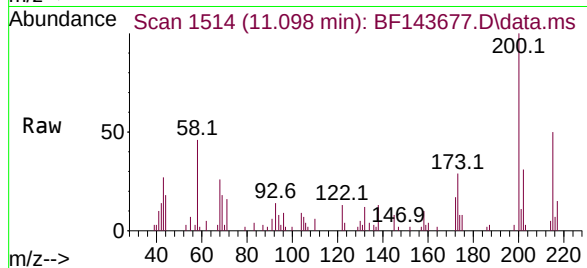




#69
Atrazine
Concen: 5.031 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

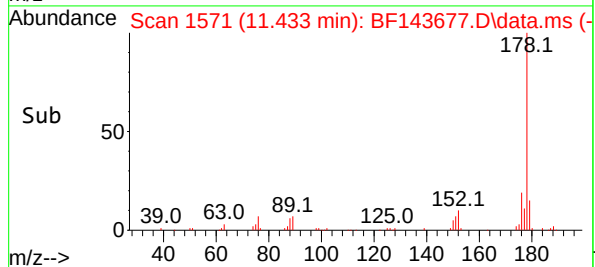
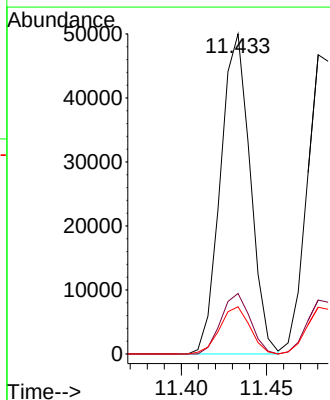
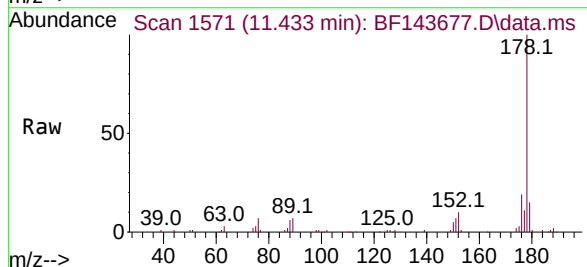
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

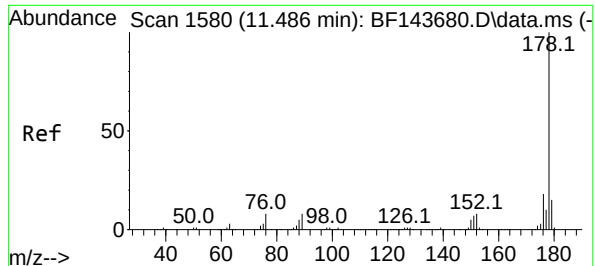
Tgt Ion:200 Resp: 10737
Ion Ratio Lower Upper
200 100
173 29.0 7.3 47.3
215 50.3 28.5 68.5



#71
Phenanthrene
Concen: 5.291 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion:178 Resp: 60574
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 14.7 12.2 18.2





#72

Anthracene

Concen: 5.204 ng

RT: 11.480 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

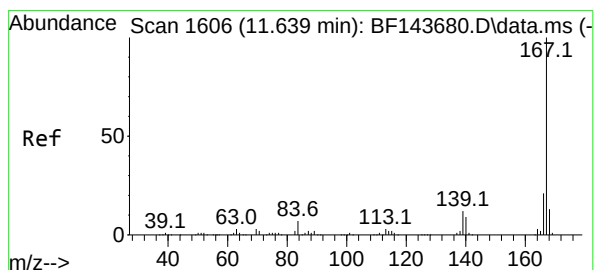
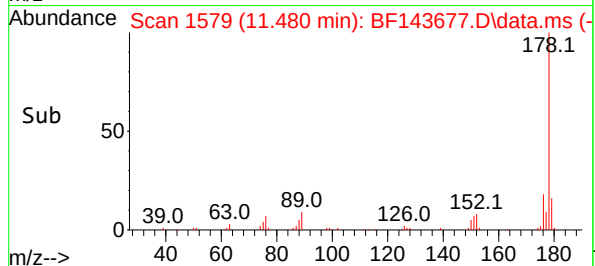
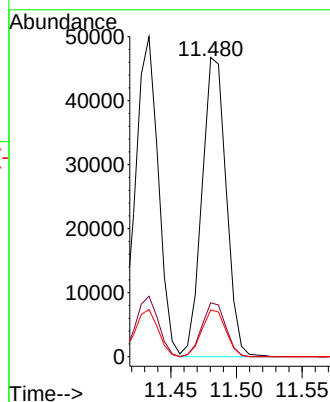
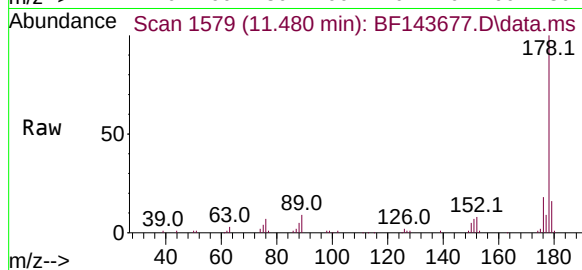
Tgt Ion:178 Resp: 59907

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

179 15.6 12.2 18.2



#73

Carbazole

Concen: 5.172 ng

RT: 11.633 min Scan# 1605

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

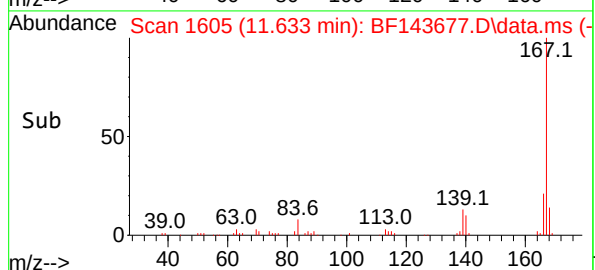
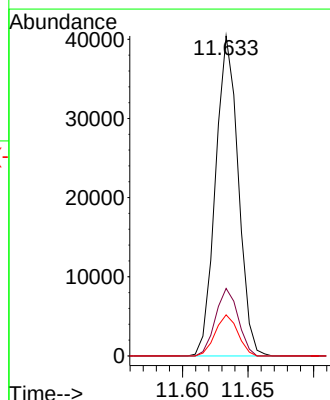
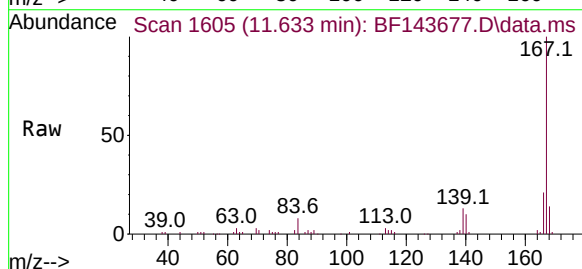
Tgt Ion:167 Resp: 48759

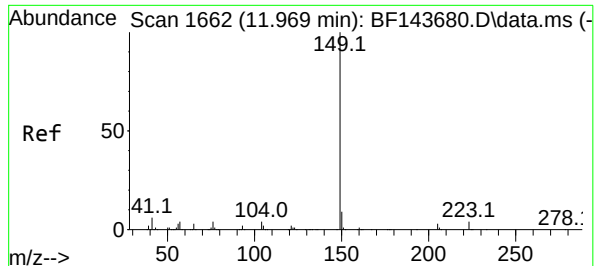
Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 12.8 9.7 14.5

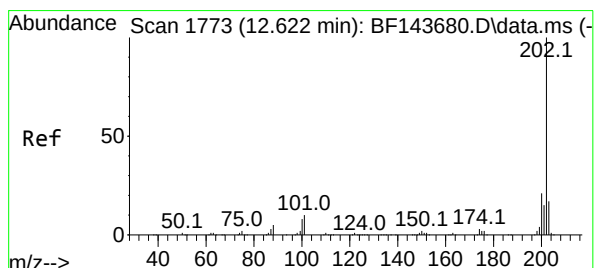
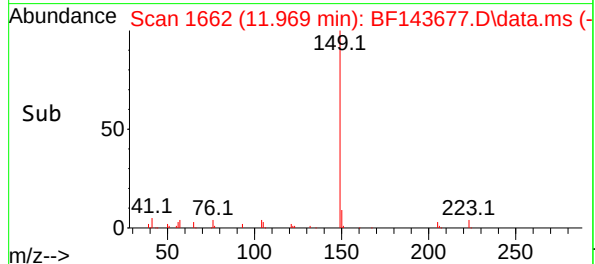
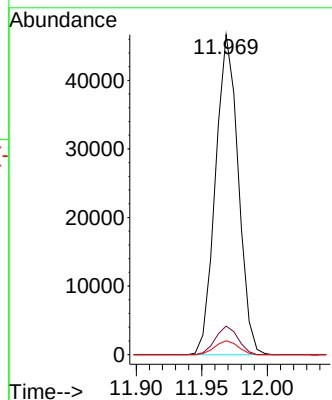
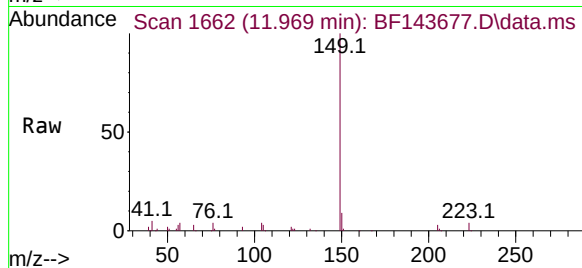




#74
Di-n-butylphthalate
Concen: 4.964 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

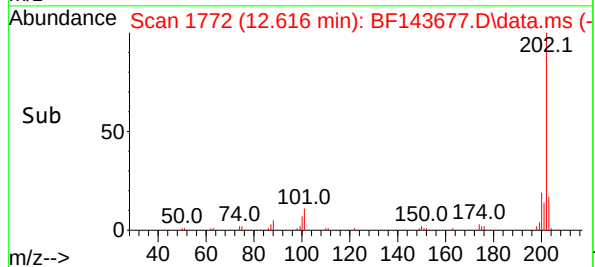
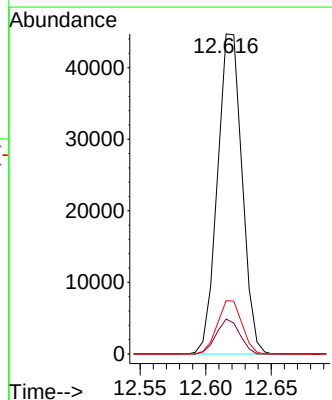
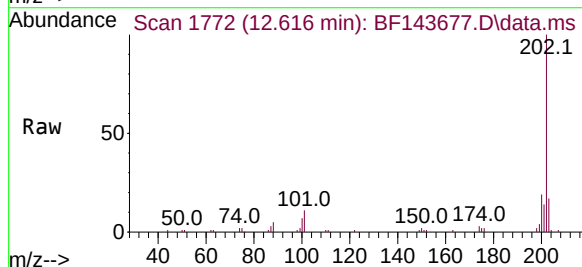
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

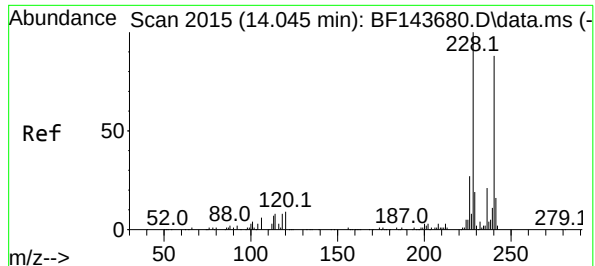
Tgt Ion:149 Resp: 56340
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.3 3.3 4.9



#75
Fluoranthene
Concen: 5.550 ng
RT: 12.616 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion:202 Resp: 58331
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.5
203 16.6 0.0 37.1

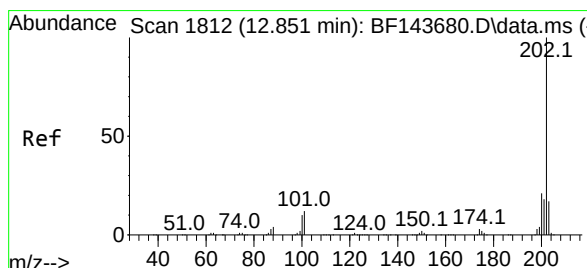
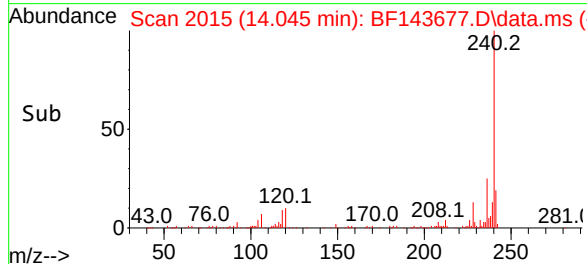
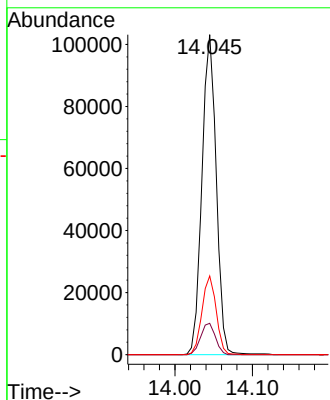
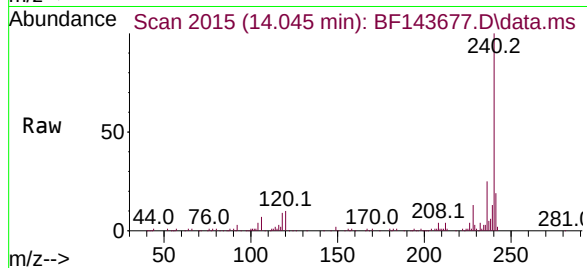




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

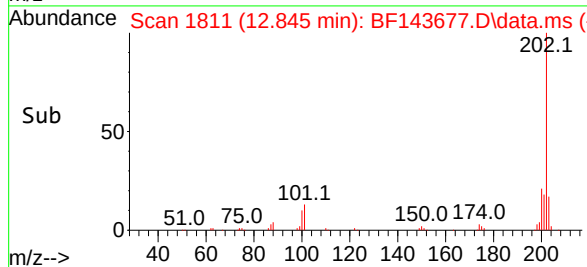
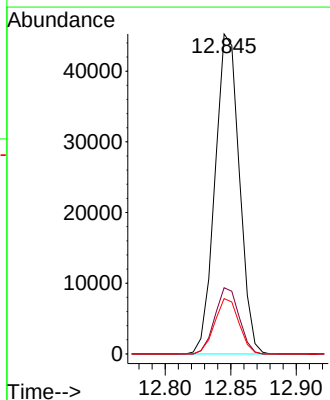
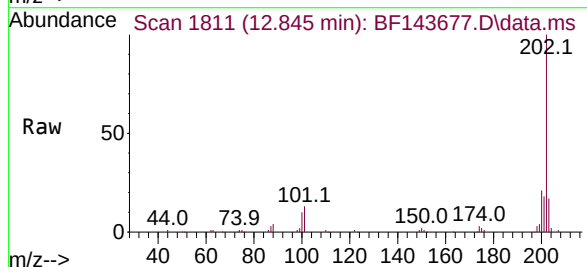
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

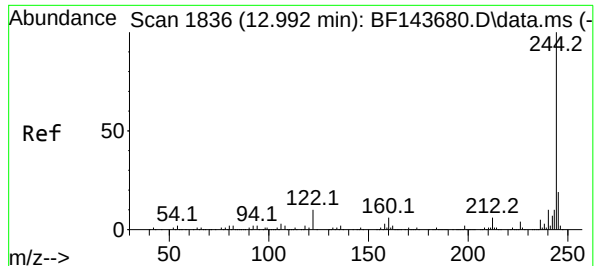
Tgt Ion:240 Resp: 132168
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 24.6 18.6 28.0



#78
Pyrene
Concen: 5.535 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion:202 Resp: 58494
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.3 13.5 20.3





#79

Terphenyl-d14

Concen: 11.352 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

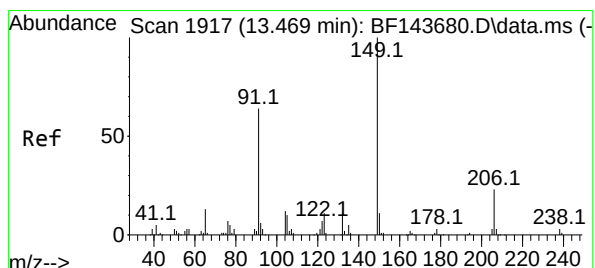
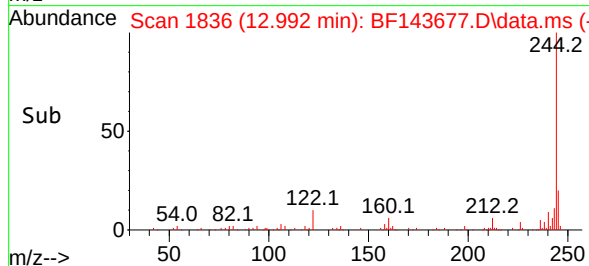
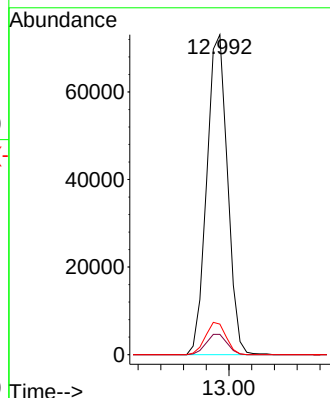
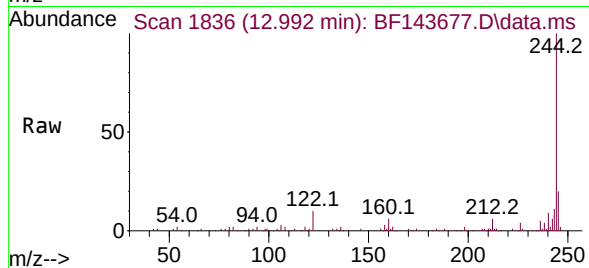
Tgt Ion:244 Resp: 92587

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.6

122 9.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 4.118 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

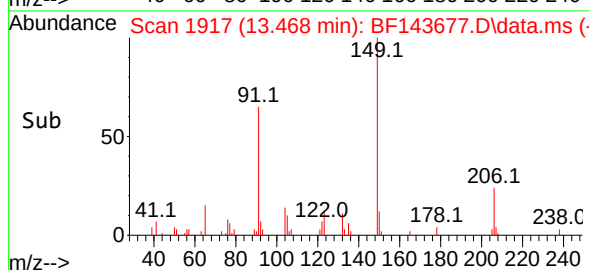
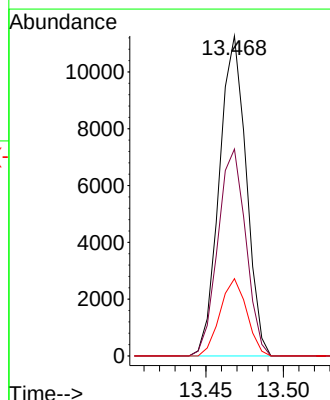
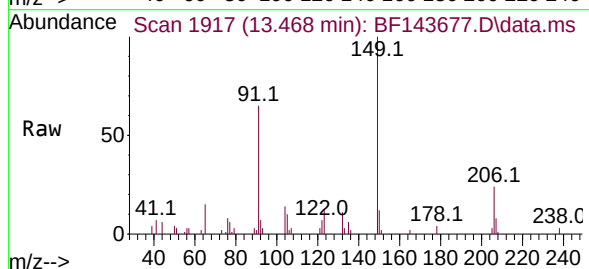
Tgt Ion:149 Resp: 13634

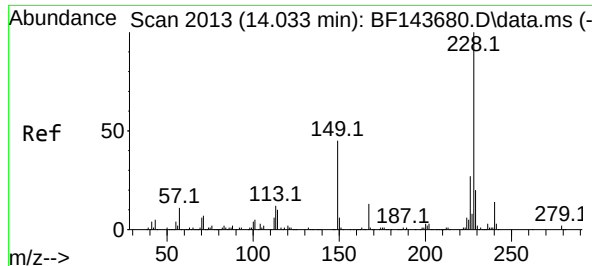
Ion Ratio Lower Upper

149 100

91 64.6 50.9 76.3

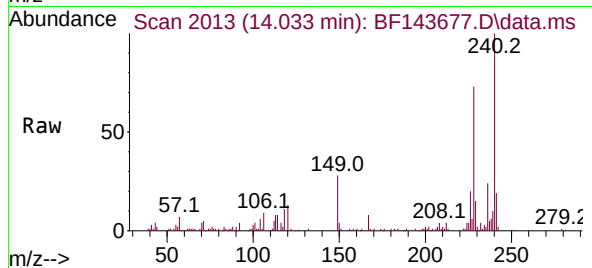
206 24.1 18.2 27.2



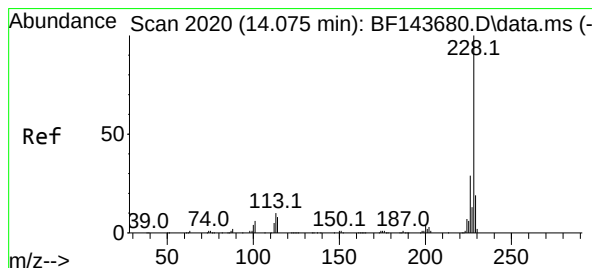
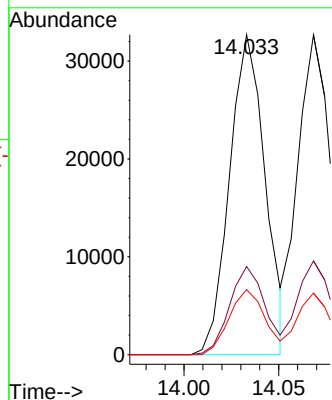
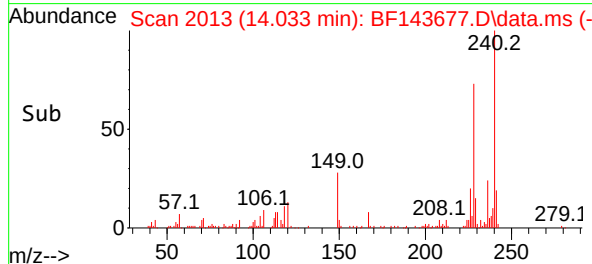


#81
Benzo(a)anthracene
Concen: 5.045 ng
RT: 14.033 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

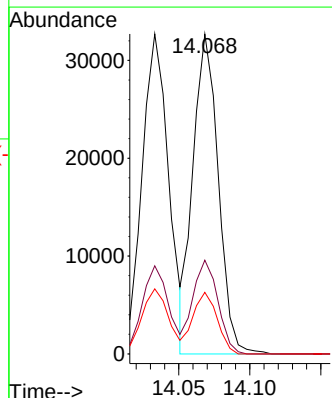
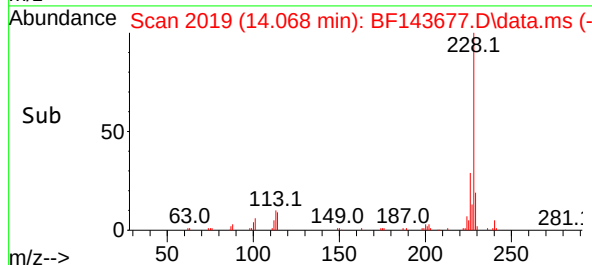
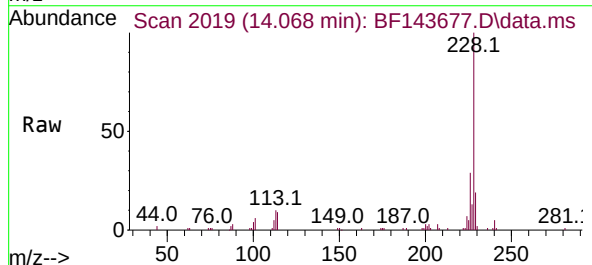


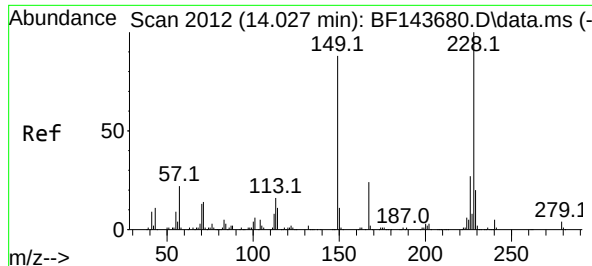
Tgt Ion:228 Resp: 42898
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 20.3 15.7 23.5



#83
Chrysene
Concen: 5.178 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion:228 Resp: 40322
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 19.2 15.1 22.7

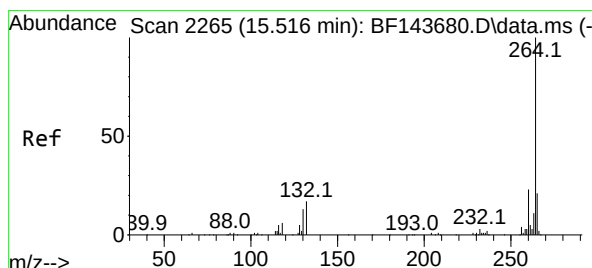
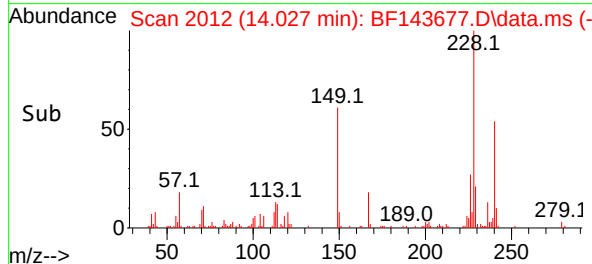
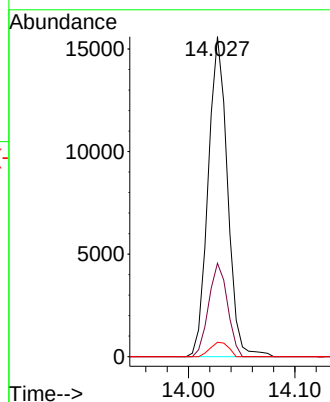
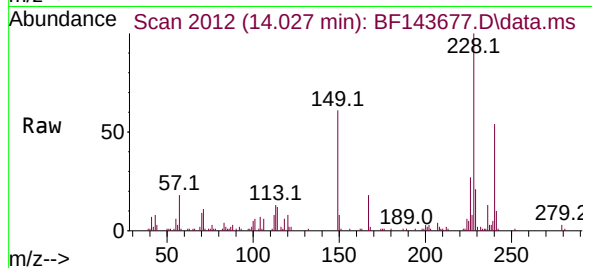




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.164 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

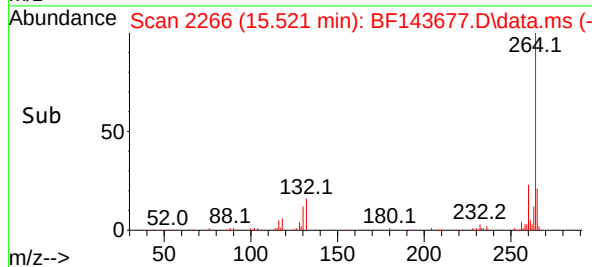
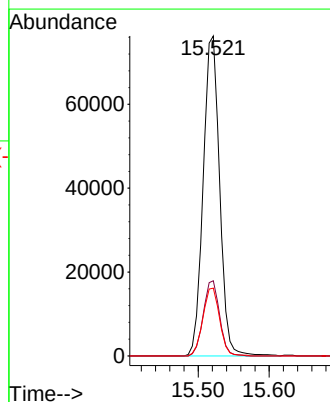
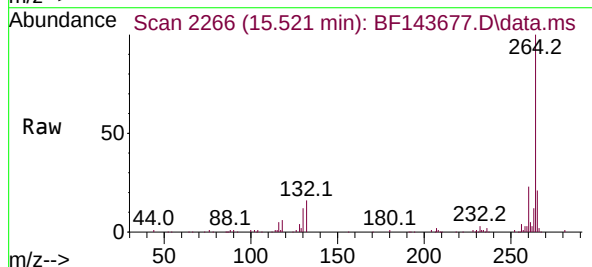
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

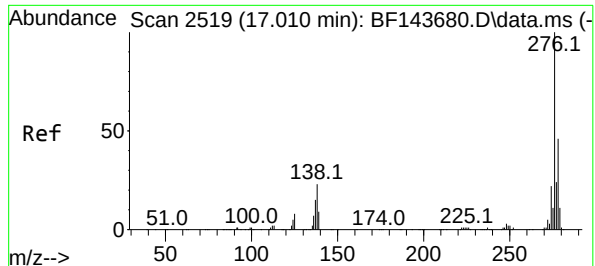
Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.2	33.2
279	4.5	3.5	5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143677.D
Acq: 09 Sep 2025 09:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.2	17.1	25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.537 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

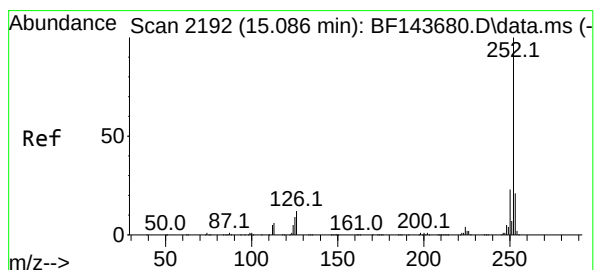
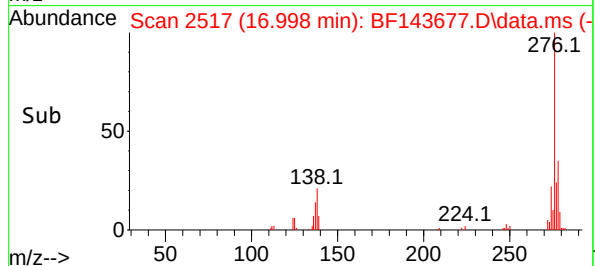
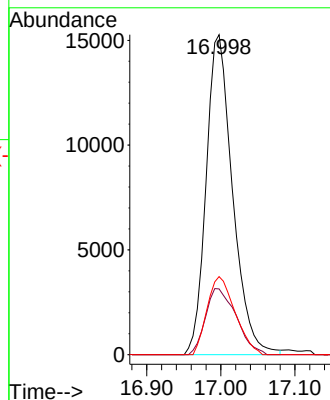
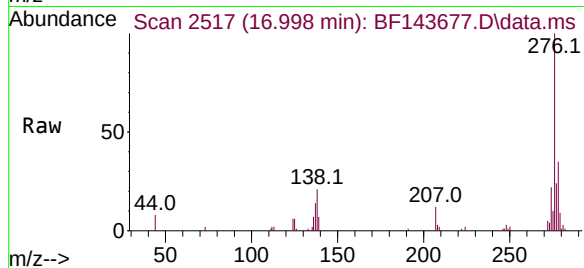
Tgt Ion:276 Resp: 37861

Ion Ratio Lower Upper

276 100

138 23.9 19.7 29.5

277 25.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 5.161 ng

RT: 15.080 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

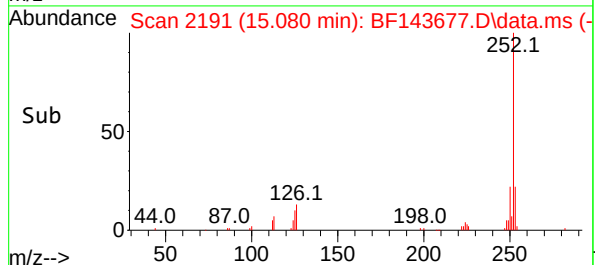
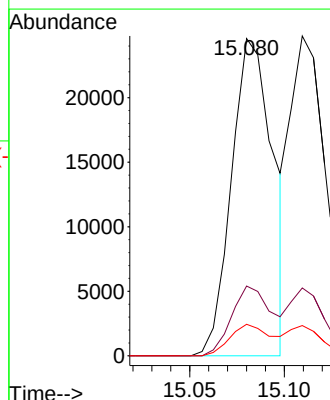
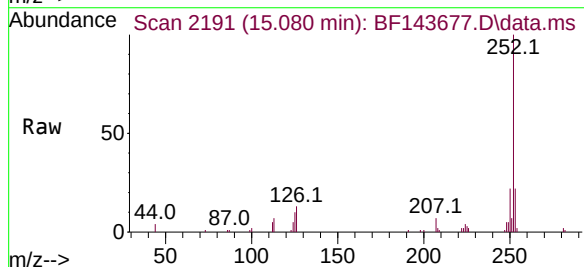
Tgt Ion:252 Resp: 37565

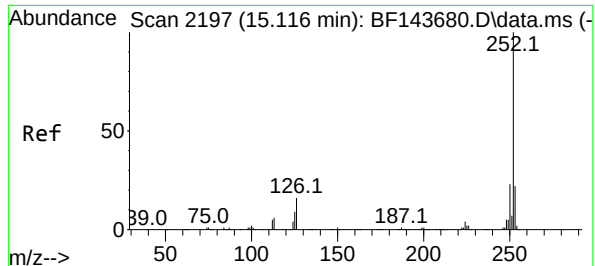
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 5.074 ng

RT: 15.109 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

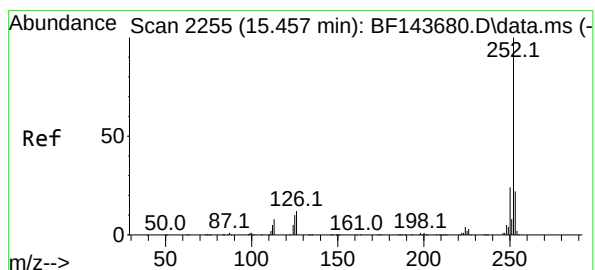
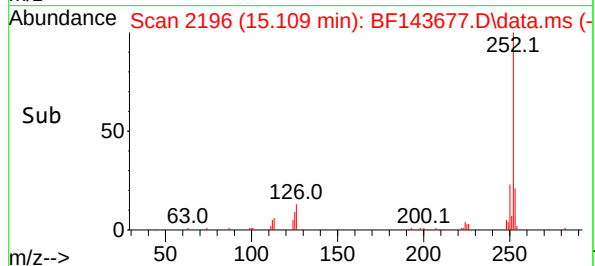
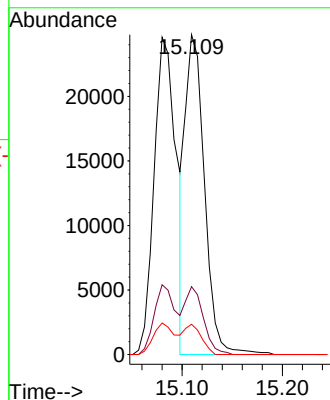
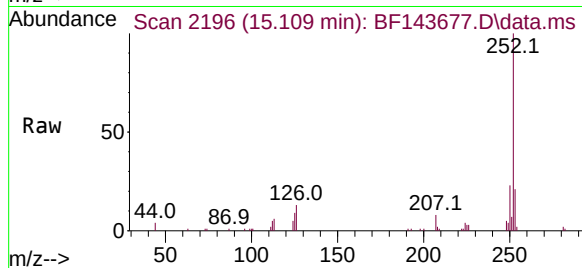
Tgt Ion:252 Resp: 33327

Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 9.5 7.3 10.9



#90

Benzo(a)pyrene

Concen: 4.945 ng

RT: 15.451 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

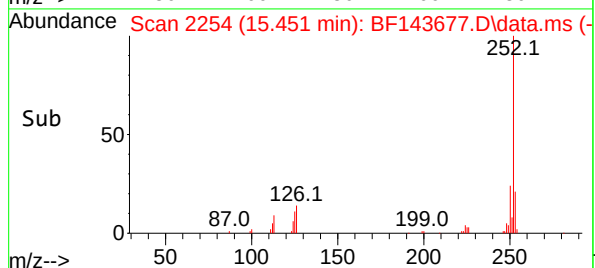
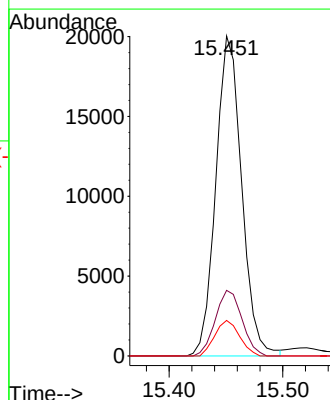
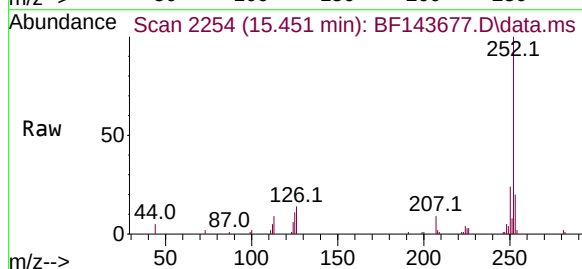
Tgt Ion:252 Resp: 31621

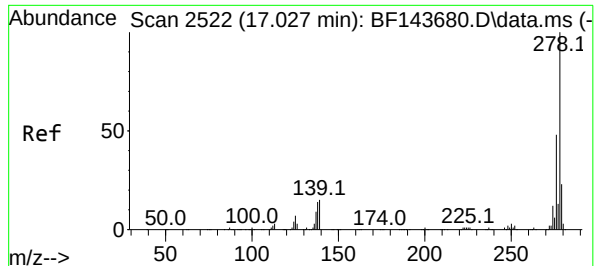
Ion Ratio Lower Upper

252 100

253 20.5 17.4 26.0

125 11.1 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 4.625 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

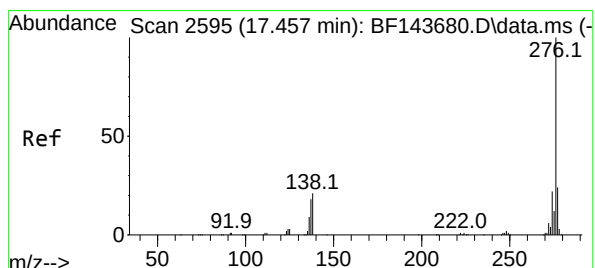
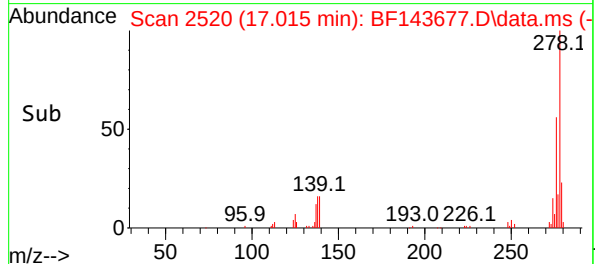
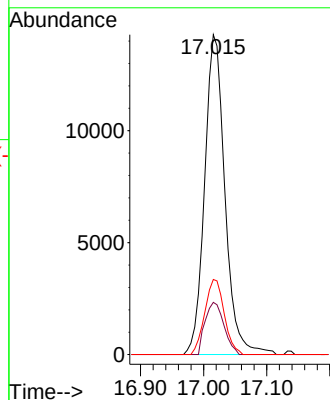
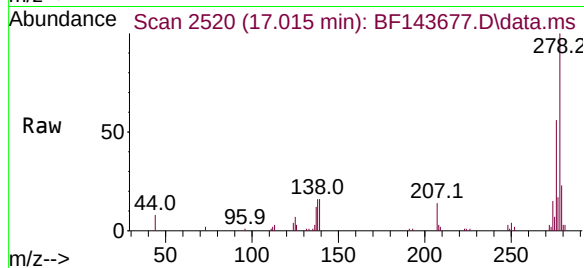
Tgt Ion:278 Resp: 32016

Ion Ratio Lower Upper

278 100

139 16.3 12.2 18.4

279 23.5 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 4.693 ng

RT: 17.445 min Scan# 2593

Delta R.T. -0.012 min

Lab File: BF143677.D

Acq: 09 Sep 2025 09:41

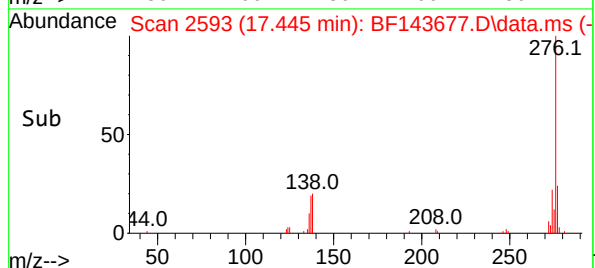
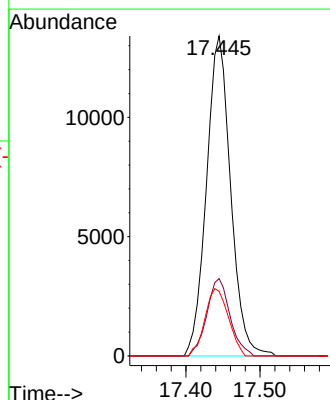
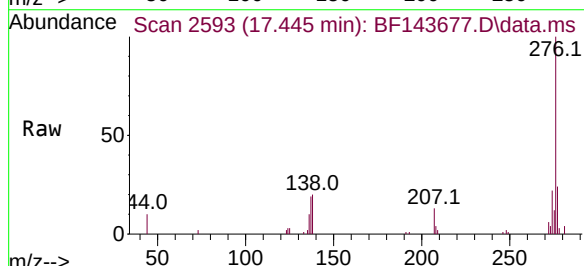
Tgt Ion:276 Resp: 30386

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 20.2 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143678.D
 Acq On : 09 Sep 2025 10:10
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Sep 09 15:25:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	53263	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	205784	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	120700	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	207709	20.000	ng	0.00
76) Chrysene-d12	14.045	240	131906	20.000	ng	0.00
86) Perylene-d12	15.521	264	121625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	61924	19.836	ng	0.00
7) Phenol-d6	6.498	99	75860	19.957	ng	0.00
23) Nitrobenzene-d5	7.445	82	65506	19.800	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	23721	19.501	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	163493	20.462	ng	0.00
79) Terphenyl-d14	12.992	244	171787	21.105	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	13712	9.847	ng	99
3) Pyridine	3.440	79	36283	10.086	ng	97
4) n-Nitrosodimethylamine	3.369	42	13430	9.828	ng	94
6) Aniline	6.546	93	51307	10.191	ng	99
8) 2-Chlorophenol	6.669	128	32890	9.755	ng	97
9) Benzaldehyde	6.440	77	24922	8.126	ng	97
10) Phenol	6.510	94	41428	9.860	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	31215	9.947	ng	99
12) 1,3-Dichlorobenzene	6.828	146	38568	10.002	ng	97
13) 1,4-Dichlorobenzene	6.904	146	38544	9.903	ng	98
14) 1,2-Dichlorobenzene	7.057	146	37699	10.257	ng	99
15) Benzyl Alcohol	7.022	79	27127	9.811	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	41540	10.118	ng	98
17) 2-Methylphenol	7.128	107	26748	9.862	ng	98
18) Hexachloroethane	7.404	117	12025	9.564	ng	95
19) n-Nitroso-di-n-propyla...	7.293	70	23175	9.927	ng	98
20) 3+4-Methylphenols	7.275	107	35969	10.071	ng	# 88
22) Acetophenone	7.293	105	46272	9.956	ng	97
24) Nitrobenzene	7.463	77	33450	9.751	ng	98
25) Isophorone	7.704	82	62581	9.865	ng	99
26) 2-Nitrophenol	7.781	139	15183	9.002	ng	96
27) 2,4-Dimethylphenol	7.810	122	30167	9.963	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	38706	9.928	ng	99
29) 2,4-Dichlorophenol	8.016	162	29586	9.714	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	31828	10.087	ng	98
31) Naphthalene	8.192	128	101612	9.975	ng	99
32) Benzoic acid	7.863	122	12997	7.036	ng	99
33) 4-Chloroaniline	8.234	127	35965	10.141	ng	99
34) Hexachlorobutadiene	8.310	225	20399	9.911	ng	99
35) Caprolactam	8.569	113	7972	9.834	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	29950	9.973	ng	99
37) 2-Methylnaphthalene	8.881	142	70719	10.141	ng	100
38) 1-Methylnaphthalene	8.981	142	68625	10.254	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	34898	10.099	ng	98
41) Hexachlorocyclopentadiene	9.034	237	15579	8.782	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	21847	9.468	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143678.D
 Acq On : 09 Sep 2025 10:10
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Sep 09 15:25:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

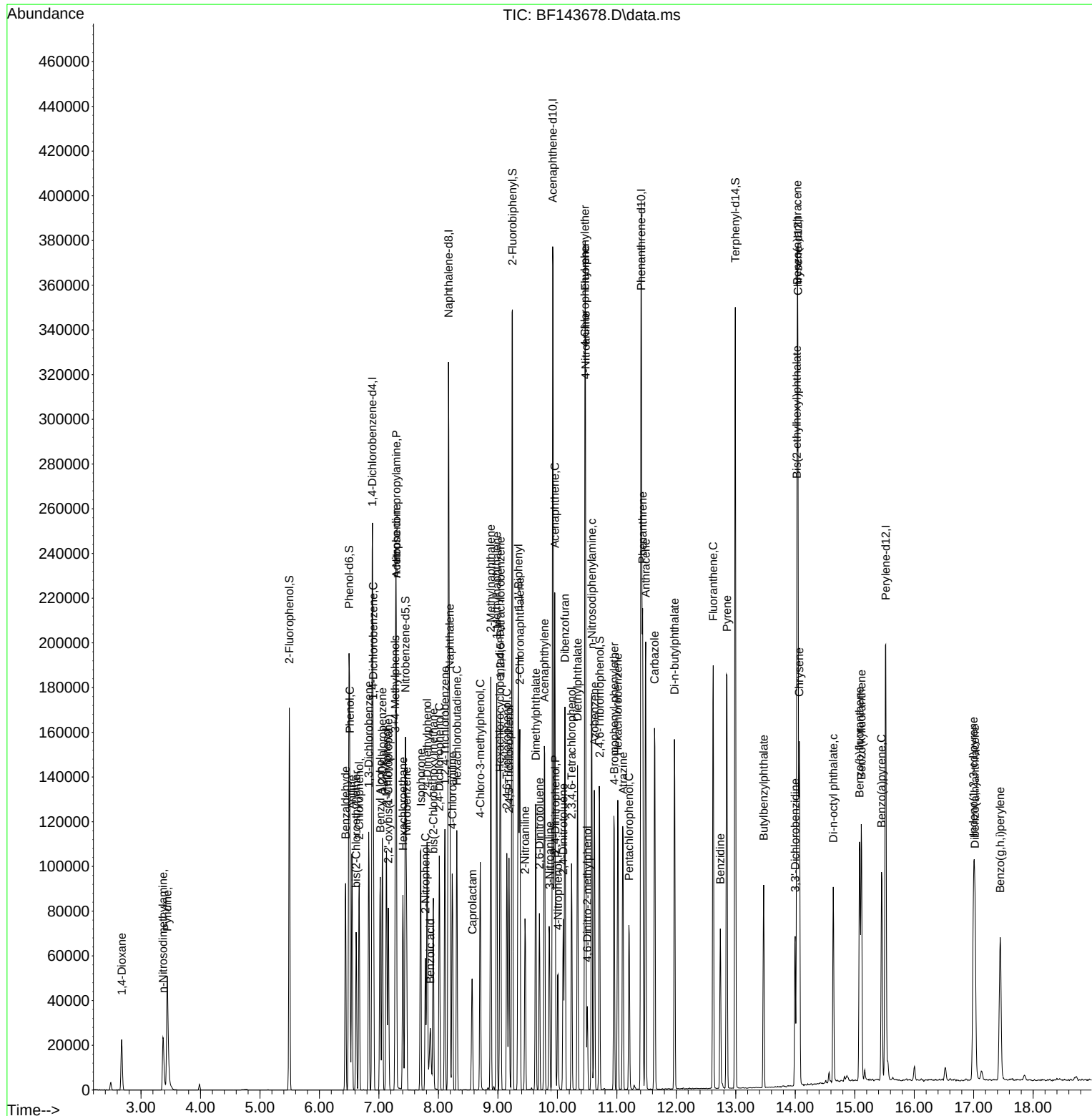
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	23261	9.917	ng	99
46) 1,1'-Biphenyl	9.345	154	87834	10.108	ng	99
47) 2-Chloronaphthalene	9.369	162	67482	9.906	ng	99
48) 2-Nitroaniline	9.457	65	16830	9.336	ng	96
49) Acenaphthylene	9.781	152	97966	10.040	ng	99
50) Dimethylphthalate	9.639	163	80674	10.273	ng	99
51) 2,6-Dinitrotoluene	9.698	165	13810	9.197	ng	92
52) Acenaphthene	9.957	154	68652	10.210	ng	98
53) 3-Nitroaniline	9.869	138	15459	9.567	ng	95
54) 2,4-Dinitrophenol	9.969	184	4447	10.715	ng	# 1
55) Dibenzofuran	10.128	168	99061	10.245	ng	98
56) 4-Nitrophenol	10.010	139	12284	9.556	ng	97
57) 2,4-Dinitrotoluene	10.098	165	19617	9.599	ng	96
58) Fluorene	10.469	166	77851	10.286	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	18477	9.714	ng	99
60) Diethylphthalate	10.339	149	75922	10.298	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	39819	10.373	ng	98
62) 4-Nitroaniline	10.475	138	14991	9.795	ng	98
63) Azobenzene	10.622	77	66429	10.192	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	7671	7.254	ng	96
66) n-Nitrosodiphenylamine	10.581	169	65140	9.573	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	24754	9.883	ng	97
68) Hexachlorobenzene	11.016	284	25584	9.673	ng	96
69) Atrazine	11.104	200	21673	10.158	ng	98
70) Pentachlorophenol	11.204	266	13095	8.191	ng	97
71) Phenanthrene	11.433	178	115188	10.065	ng	99
72) Anthracene	11.486	178	114618	9.960	ng	99
73) Carbazole	11.633	167	95492	10.133	ng	100
74) Di-n-butylphthalate	11.969	149	116408	10.260	ng	100
75) Fluoranthene	12.622	202	111016	10.567	ng	99
77) Benzidine	12.739	184	39897	9.275	ng	# 96
78) Pyrene	12.851	202	112938	10.709	ng	99
80) Butylbenzylphthalate	13.469	149	30346	9.184	ng	98
81) Benzo(a)anthracene	14.033	228	84964	10.012	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	22897	8.770	ng	96
83) Chrysene	14.069	228	78318	10.077	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	40317	8.551	ng	100
85) Di-n-octyl phthalate	14.639	149	63538	7.520	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	78465	9.453	ng	100
88) Benzo(b)fluoranthene	15.080	252	71954	9.938	ng	98
89) Benzo(k)fluoranthene	15.110	252	64978	9.944	ng	99
90) Benzo(a)pyrene	15.451	252	61736	9.706	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	64736	9.400	ng	98
92) Benzo(g,h,i)perylene	17.445	276	60330	9.366	ng	98

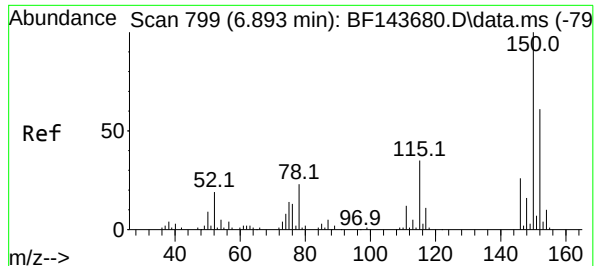
(#) = qualifier out of range (m) = manual integration (+) = signals summed


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Data File : BF143678.D  
Acq On    : 09 Sep 2025  10:10  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 09 15:25:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

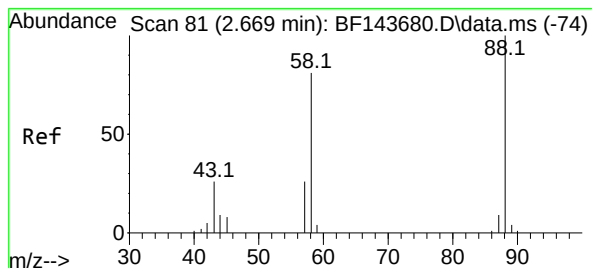
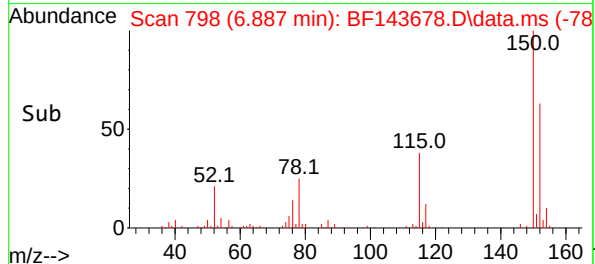
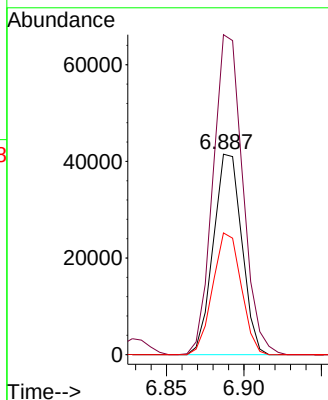
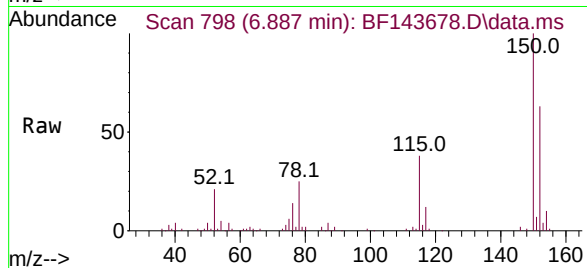




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

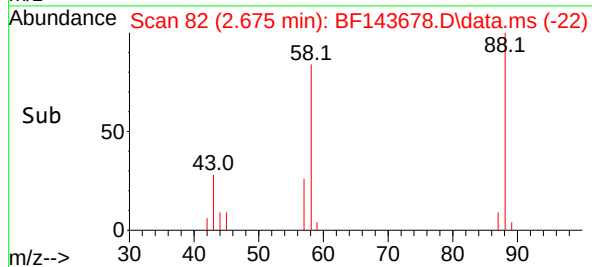
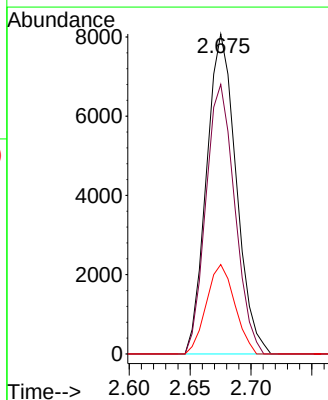
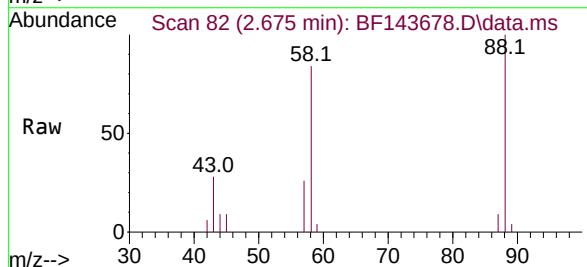
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

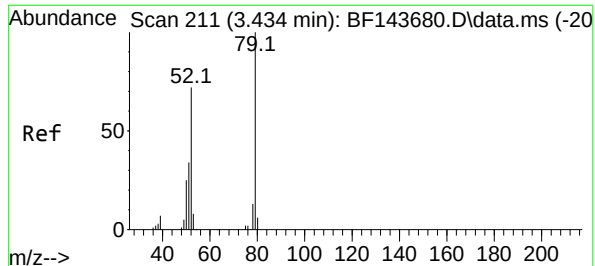
Tgt Ion:152 Resp: 53263
Ion Ratio Lower Upper
152 100
150 159.7 130.7 196.1
115 60.8 45.9 68.9



#2
1,4-Dioxane
Concen: 9.847 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion: 88 Resp: 13712
Ion Ratio Lower Upper
88 100
58 81.8 65.8 98.6
43 26.7 20.6 31.0

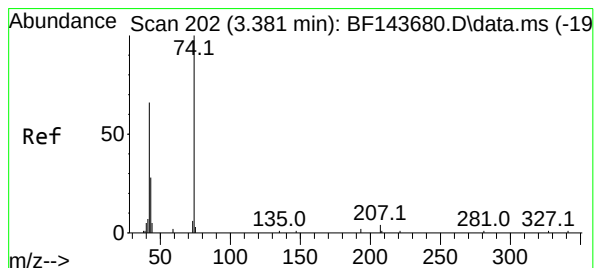
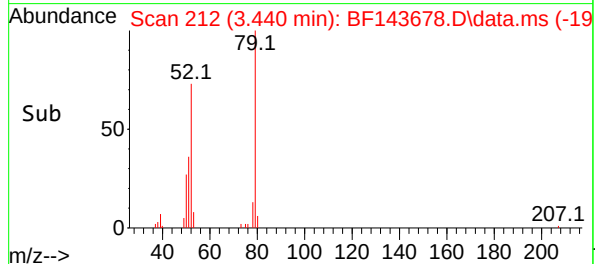
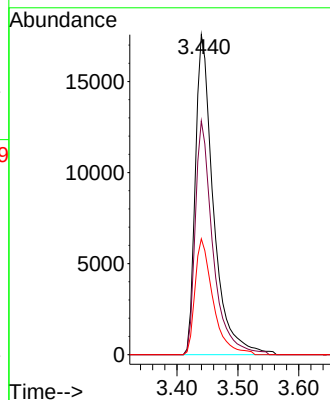
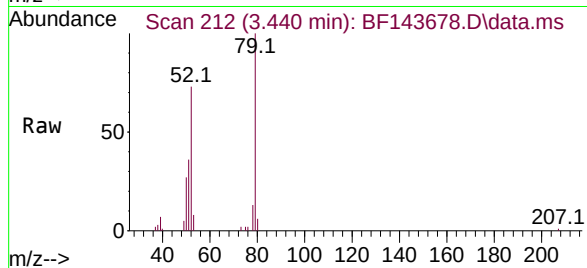




#3
Pyridine
Concen: 10.086 ng
RT: 3.440 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

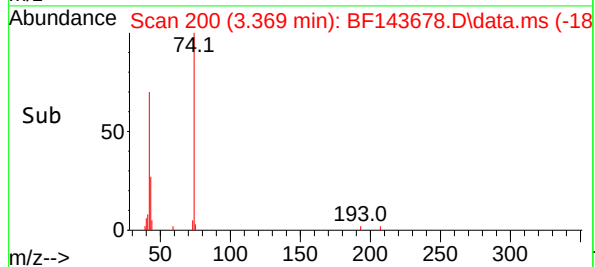
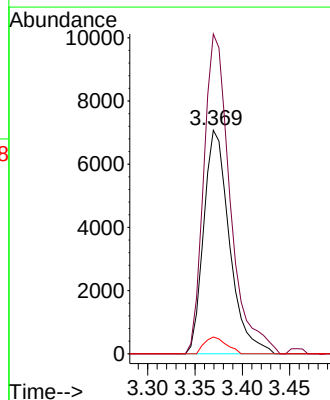
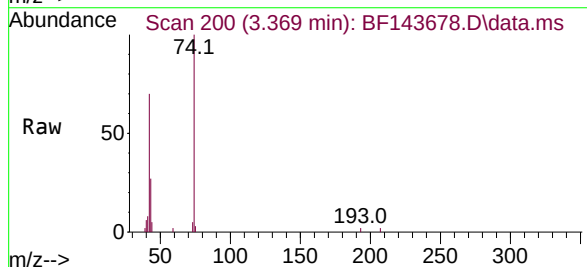
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

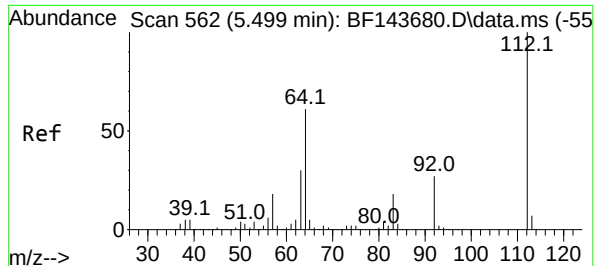
Tgt Ion	Ratio	Lower	Upper
79	100		
52	73.0	57.2	85.8
51	36.2	27.0	40.6



#4
n-Nitrosodimethylamine
Concen: 9.828 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.012 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.1	120.9	181.3
44	7.6	6.5	9.7

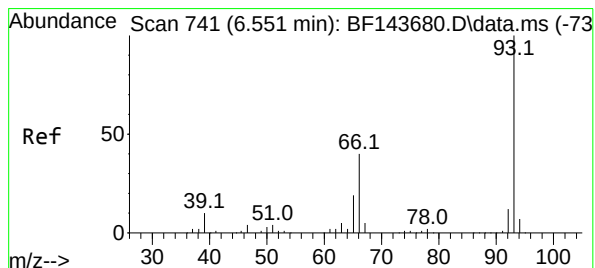
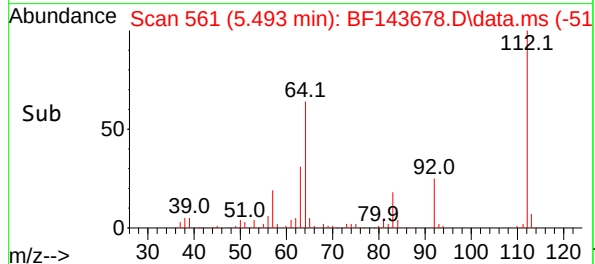
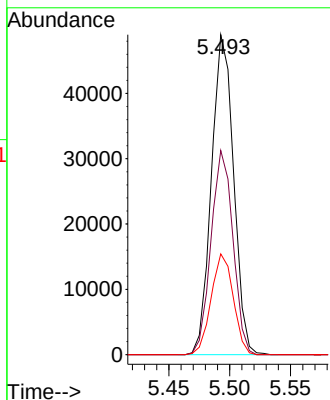
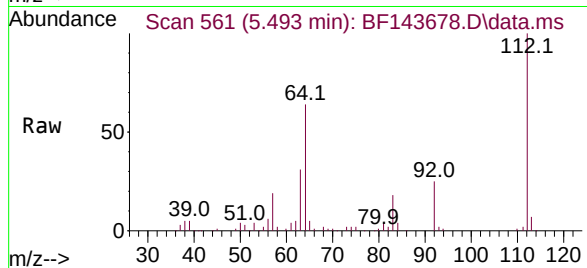




#5
2-Fluorophenol
Concen: 19.836 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

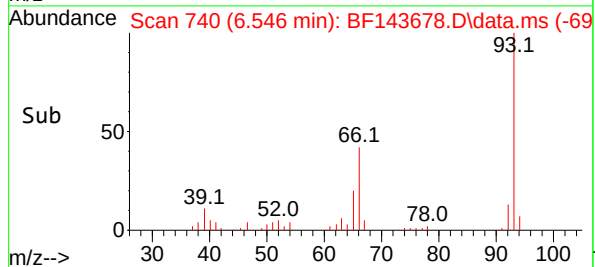
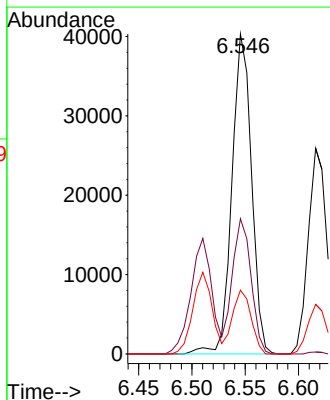
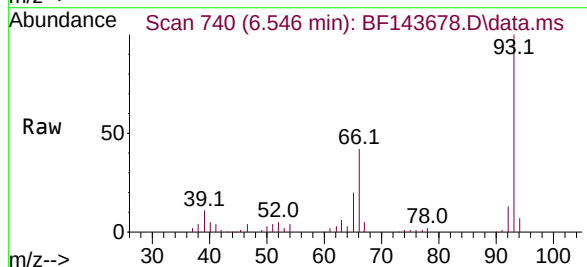
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

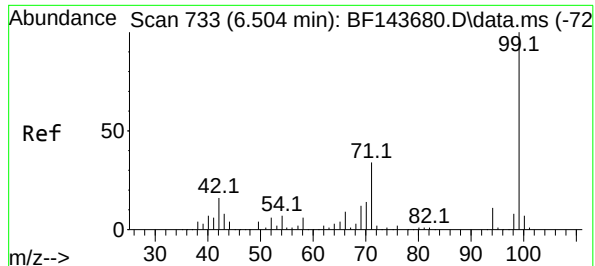
Tgt Ion:112 Resp: 61924
Ion Ratio Lower Upper
112 100
64 63.8 49.0 73.4
63 31.5 24.3 36.5



#6
Aniline
Concen: 10.191 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion: 93 Resp: 51307
Ion Ratio Lower Upper
93 100
66 42.2 34.1 51.1
65 19.9 16.1 24.1





#7

Phenol-d6

Concen: 19.957 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

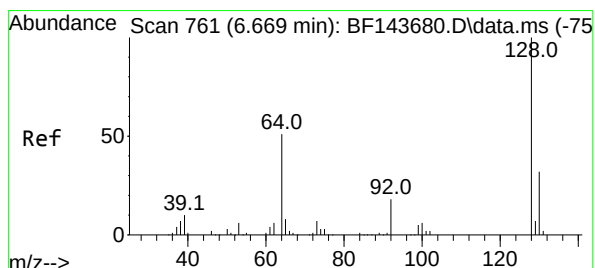
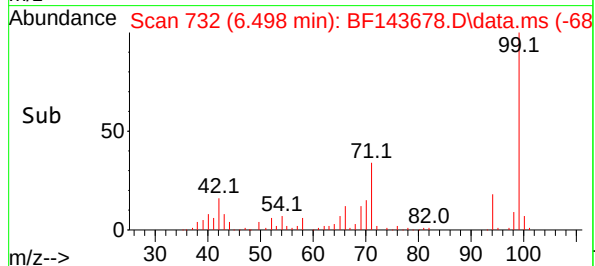
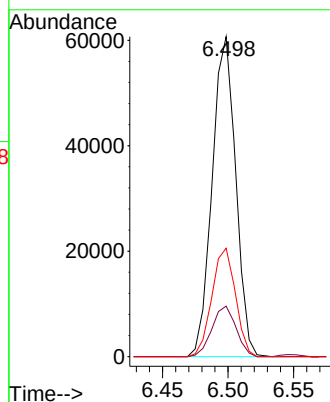
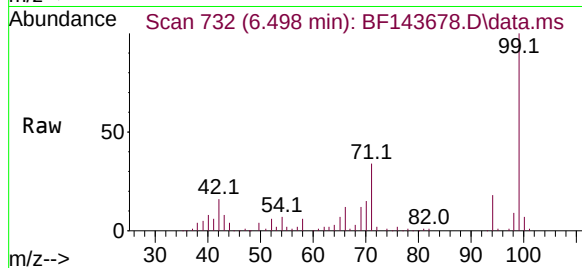
Tgt Ion: 99 Resp: 75860

Ion Ratio Lower Upper

99 100

42 15.8 13.0 19.4

71 33.9 27.4 41.2



#8

2-Chlorophenol

Concen: 9.755 ng

RT: 6.669 min Scan# 761

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

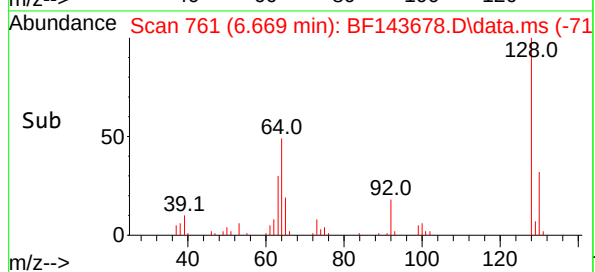
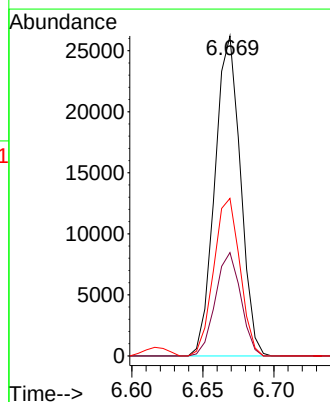
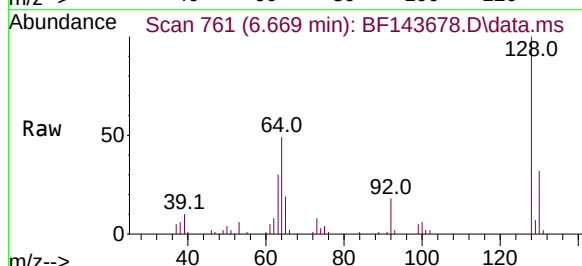
Tgt Ion: 128 Resp: 32890

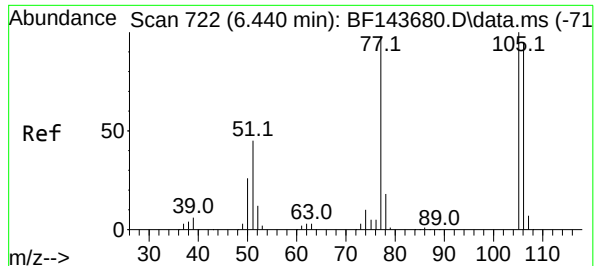
Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 49.2 31.9 71.9





#9

Benzaldehyde

Concen: 8.126 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

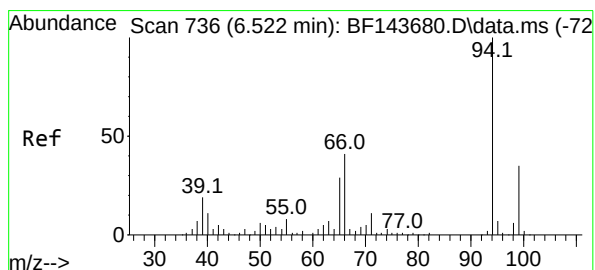
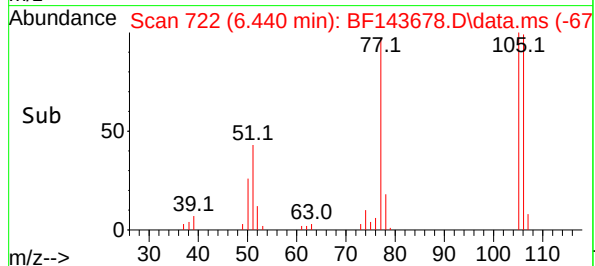
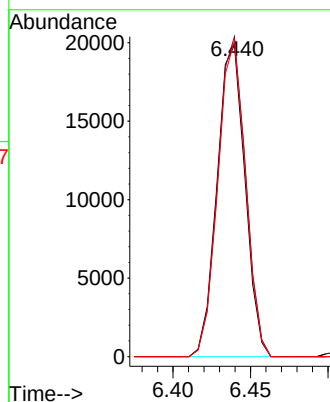
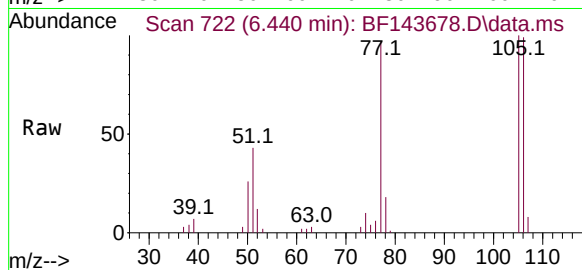
Tgt Ion: 77 Resp: 24922

Ion Ratio Lower Upper

77 100

105 102.7 81.7 121.7

106 101.4 76.9 116.9



#10

Phenol

Concen: 9.860 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.012 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

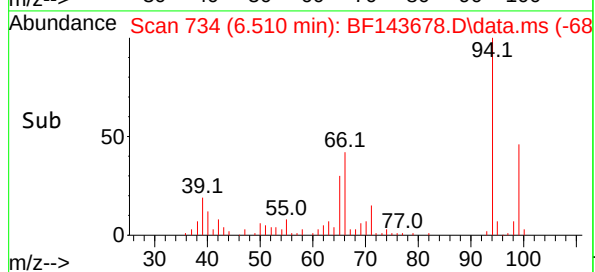
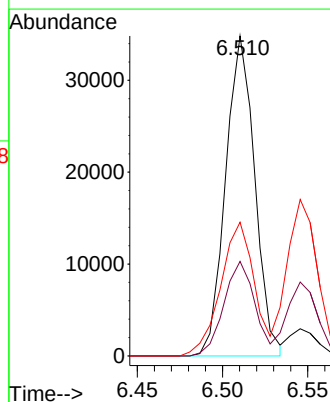
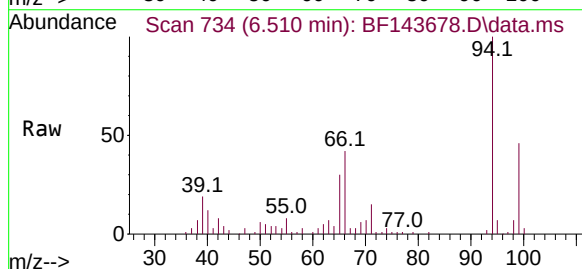
Tgt Ion: 94 Resp: 41428

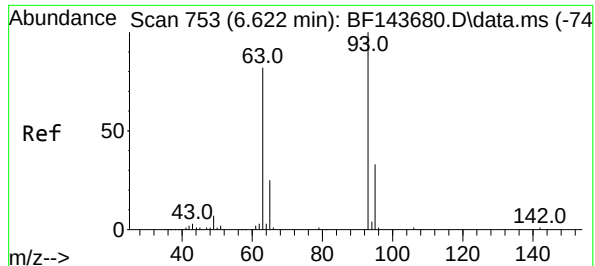
Ion Ratio Lower Upper

94 100

65 29.5 9.1 49.1

66 41.8 20.8 60.8

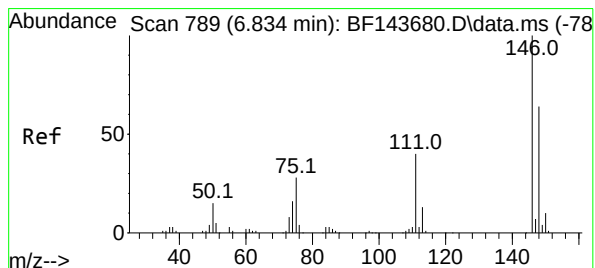
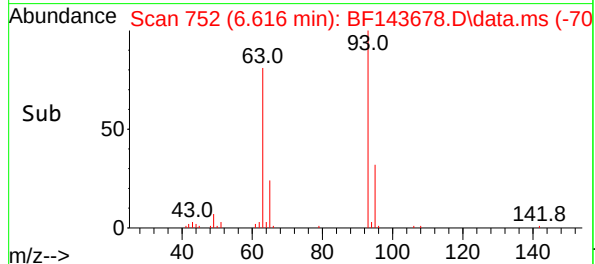
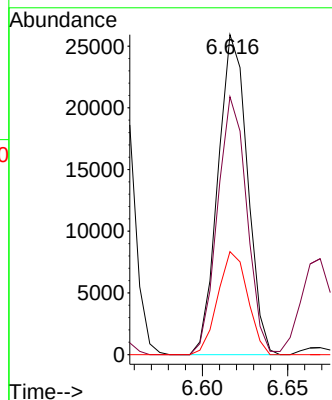
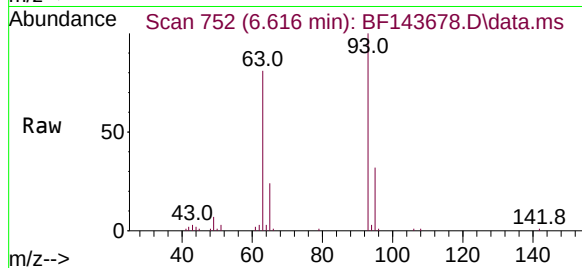




#11
bis(2-Chloroethyl)ether
Concen: 9.947 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

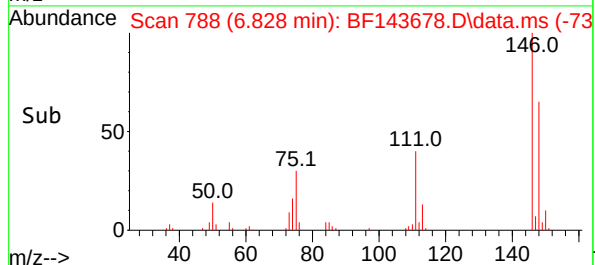
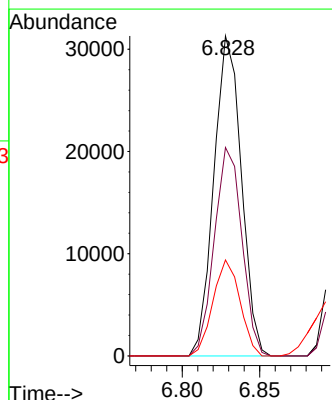
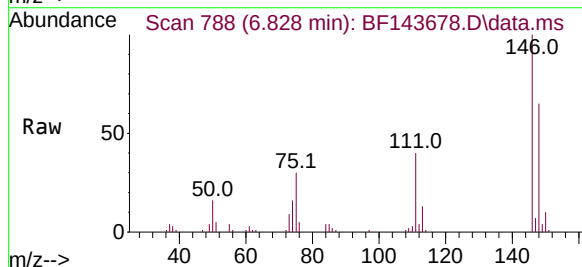
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

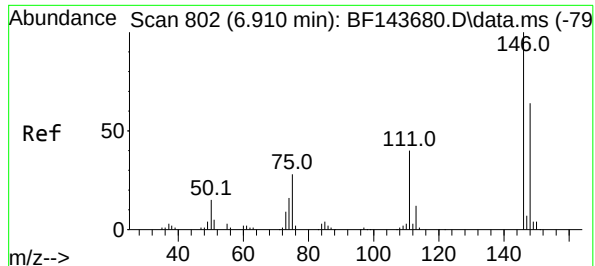
Tgt Ion: 93 Resp: 31215
Ion Ratio Lower Upper
93 100
63 80.6 61.8 101.8
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 10.002 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion: 146 Resp: 38568
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.4
75 30.0 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 9.903 ng

RT: 6.904 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

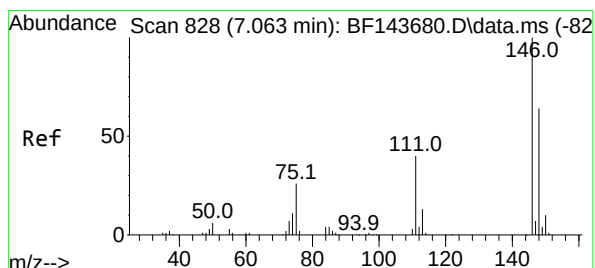
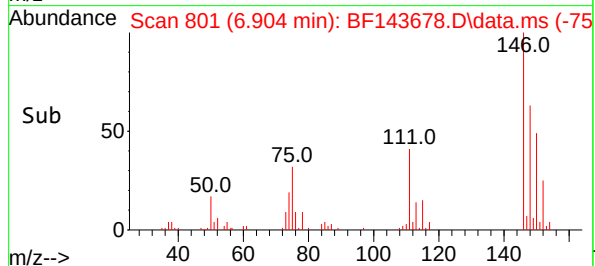
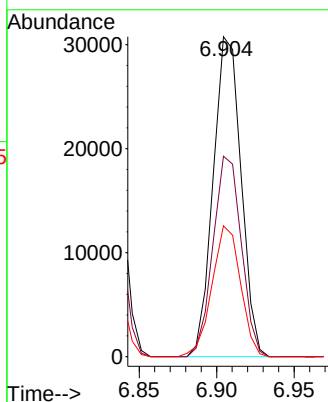
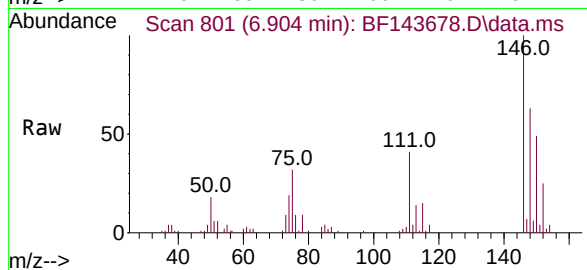
Tgt Ion:146 Resp: 38544

Ion Ratio Lower Upper

146 100

148 62.6 51.2 76.8

111 40.9 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 10.257 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

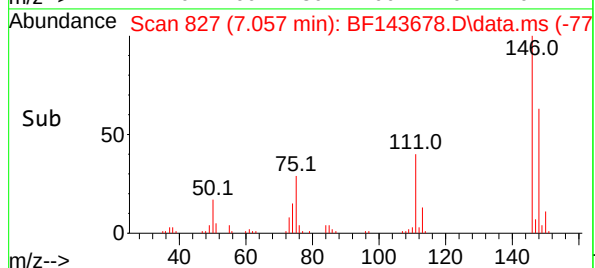
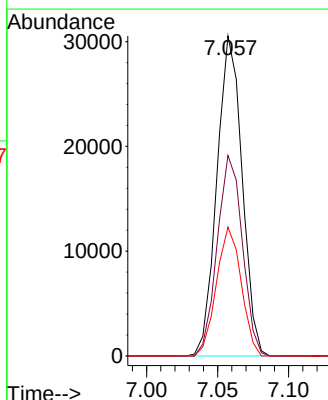
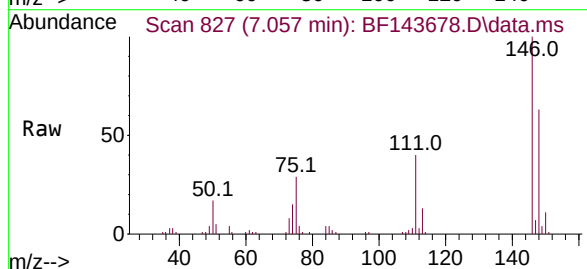
Tgt Ion:146 Resp: 37699

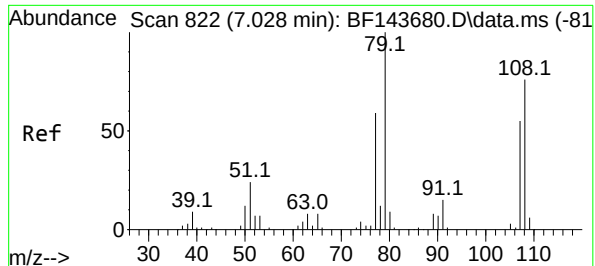
Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.4

111 40.2 32.3 48.5





#15

Benzyl Alcohol

Concen: 9.811 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

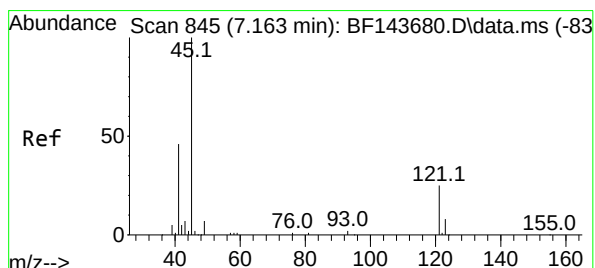
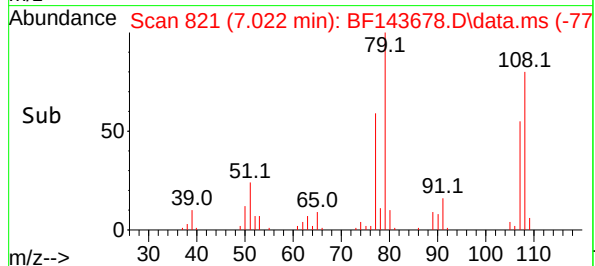
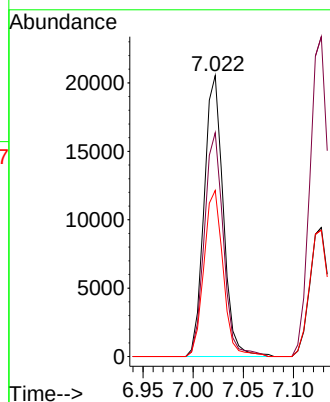
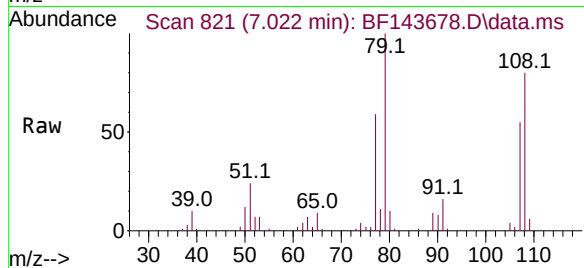
Tgt Ion: 79 Resp: 27127

Ion Ratio Lower Upper

79 100

108 79.7 60.9 91.3

77 59.1 47.4 71.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.118 ng

RT: 7.157 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

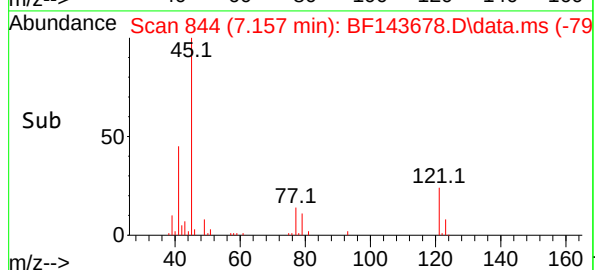
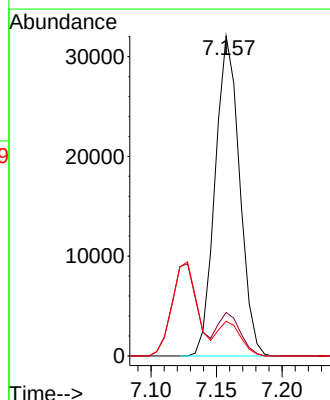
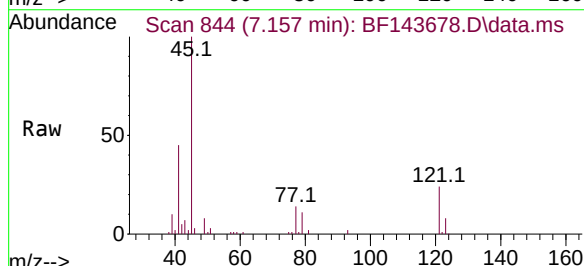
Tgt Ion: 45 Resp: 41540

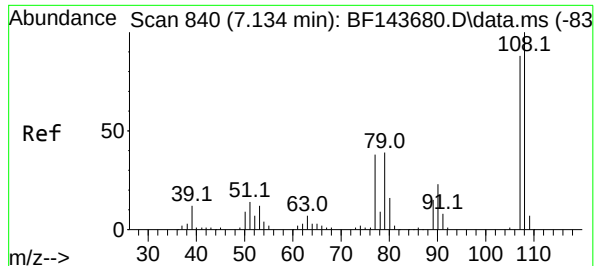
Ion Ratio Lower Upper

45 100

77 13.6 0.0 34.6

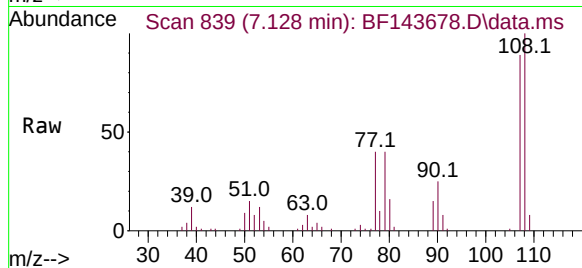
79 10.8 0.0 31.3



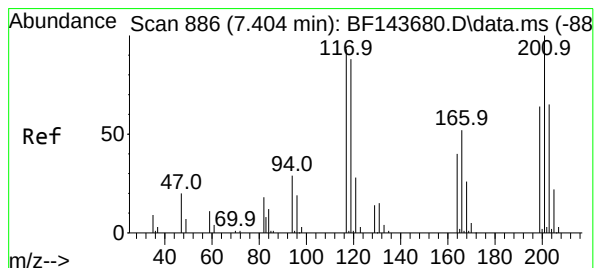
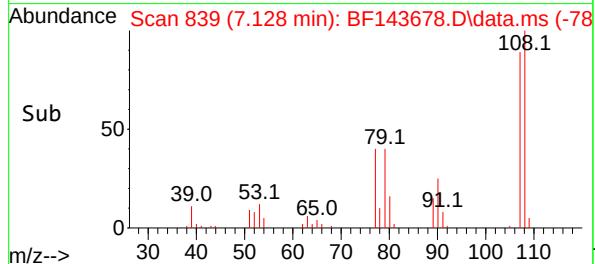
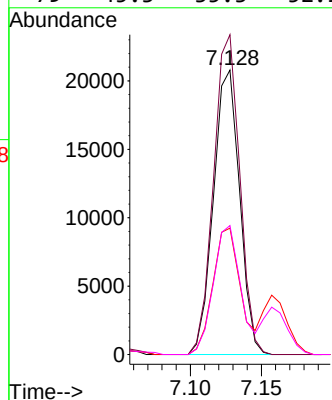


#17
2-Methylphenol
Concen: 9.862 ng
RT: 7.128 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

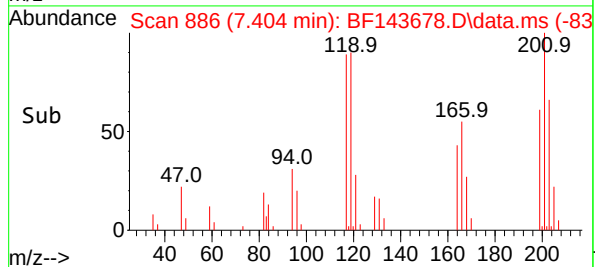
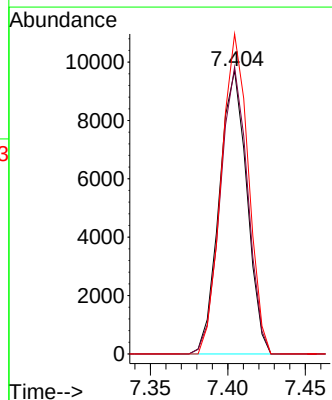
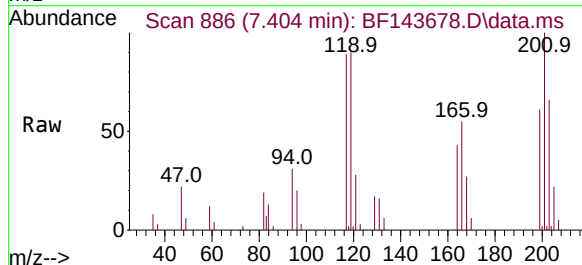


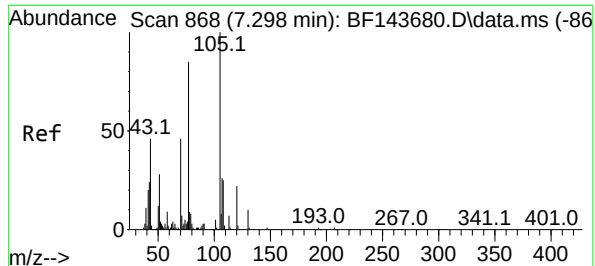
Tgt Ion:107 Resp: 26748
Ion Ratio Lower Upper
107 100
108 112.4 90.9 136.3
77 44.4 34.4 51.6
79 45.3 35.3 52.9



#18
Hexachloroethane
Concen: 9.564 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion:117 Resp: 12025
Ion Ratio Lower Upper
117 100
119 101.3 76.2 114.2
201 113.0 86.4 129.6





#19

n-Nitroso-di-n-propylamine

Concen: 9.927 ng

RT: 7.293 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF143678.D

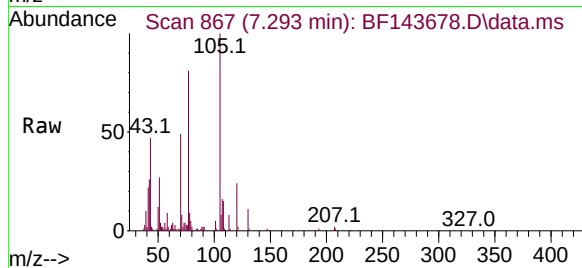
Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 23175

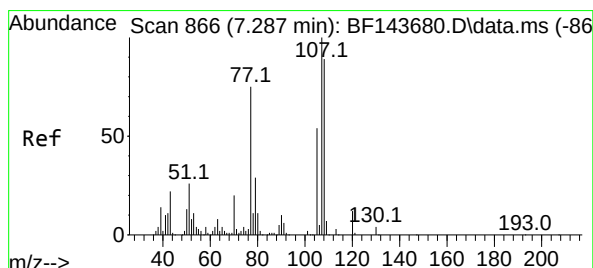
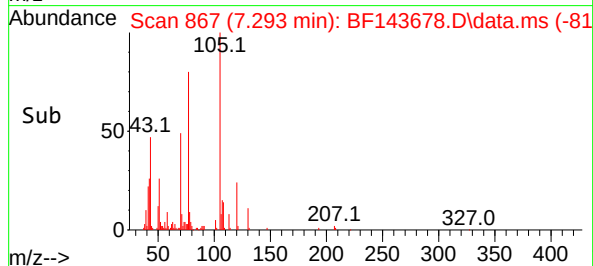
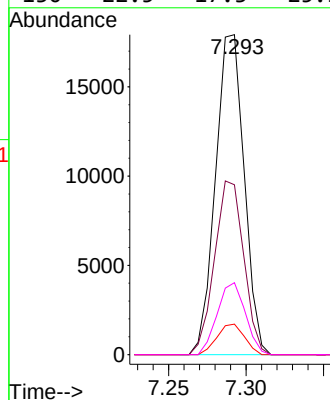
Ion Ratio Lower Upper

70 100

42 53.1 41.4 62.2

101 9.5 8.1 12.1

130 22.5 17.3 25.9



#20

3+4-Methylphenols

Concen: 10.071 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Tgt Ion: 107 Resp: 35969

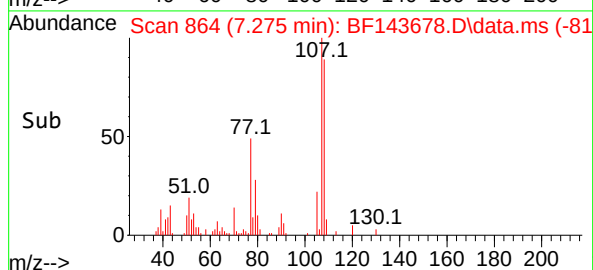
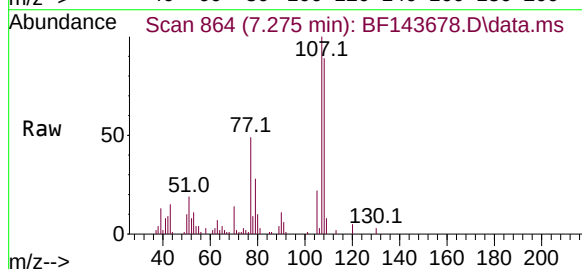
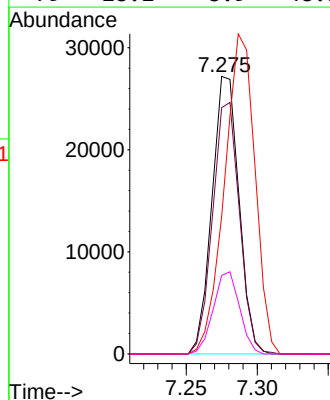
Ion Ratio Lower Upper

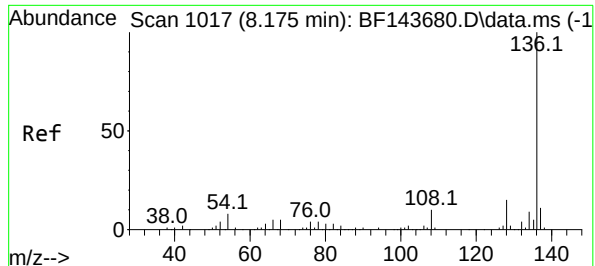
107 100

108 88.7 68.6 108.6

77 49.5 54.6 94.6#

79 28.2 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 205784

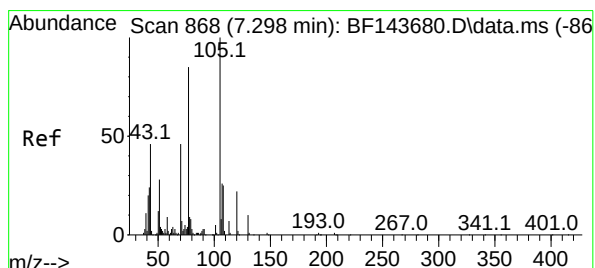
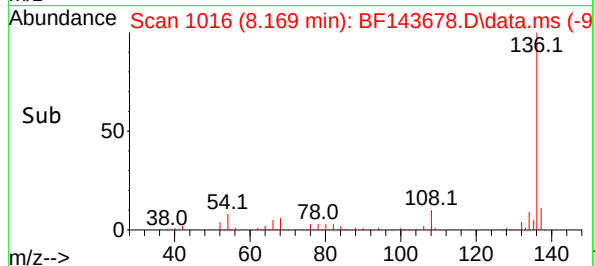
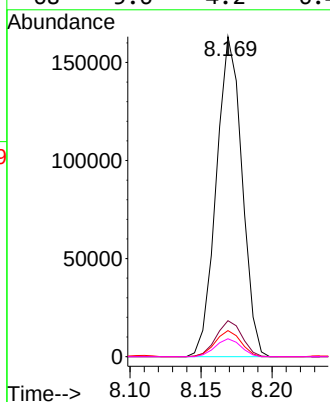
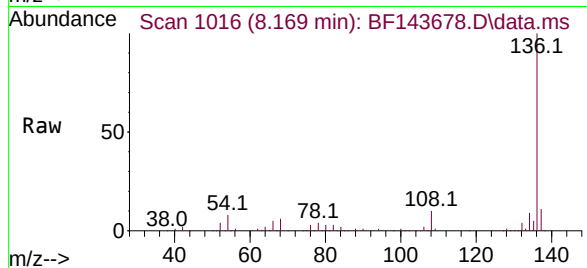
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.1 6.2 9.2

68 5.6 4.2 6.4



#22

Acetophenone

Concen: 9.956 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Tgt Ion:105 Resp: 46272

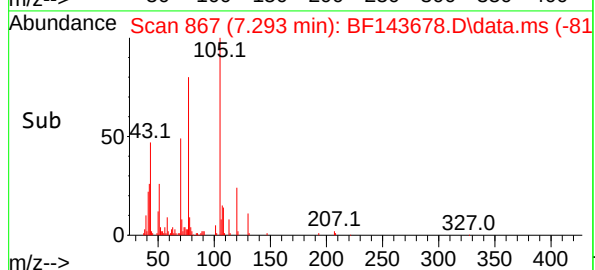
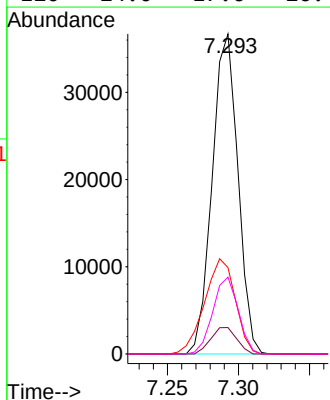
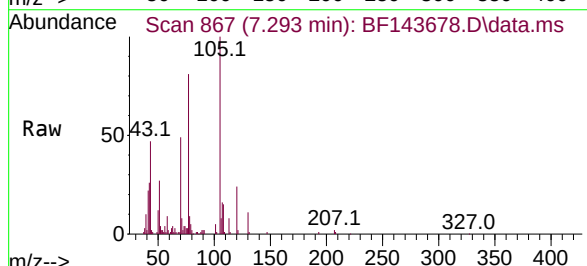
Ion Ratio Lower Upper

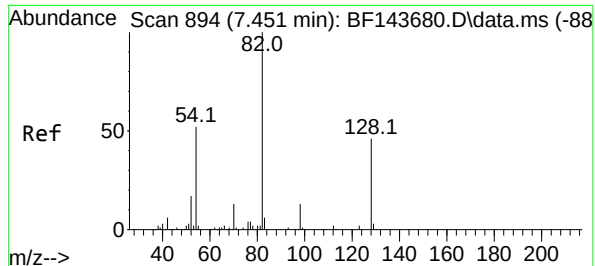
105 100

71 8.2 5.9 8.9

51 27.0 22.4 33.6

120 24.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 19.800 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

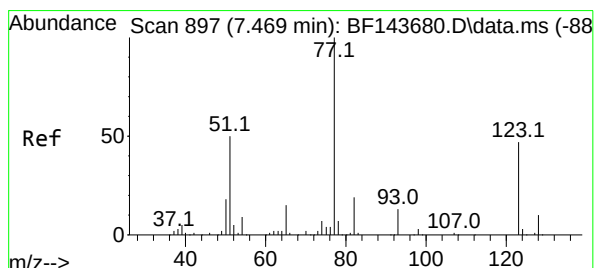
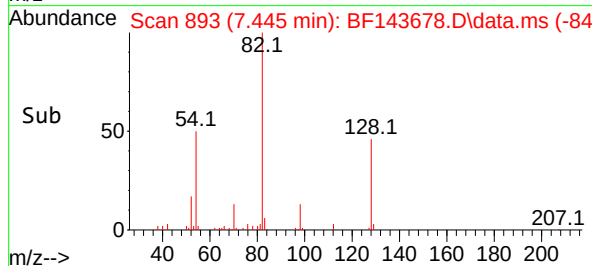
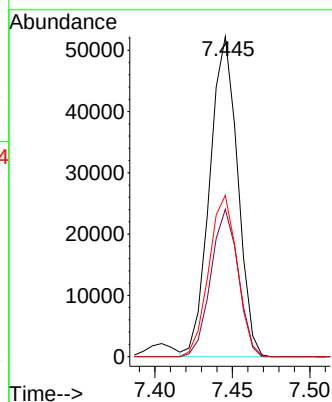
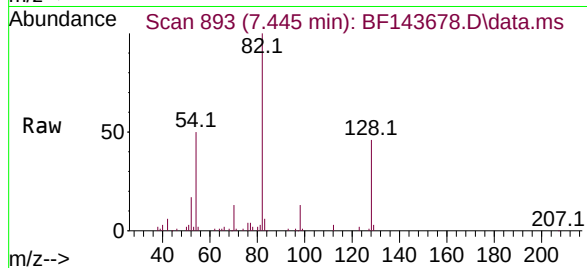
Tgt Ion: 82 Resp: 65506

Ion Ratio Lower Upper

82 100

128 46.0 37.0 55.4

54 50.4 41.8 62.8



#24

Nitrobenzene

Concen: 9.751 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

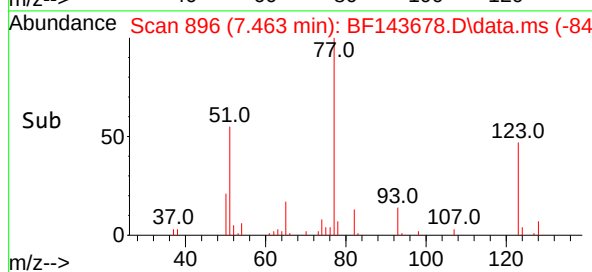
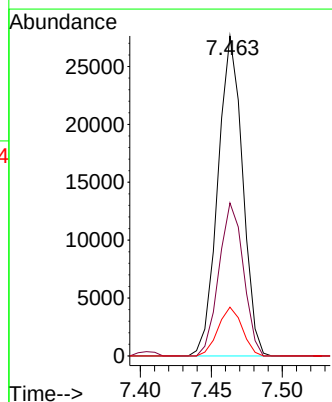
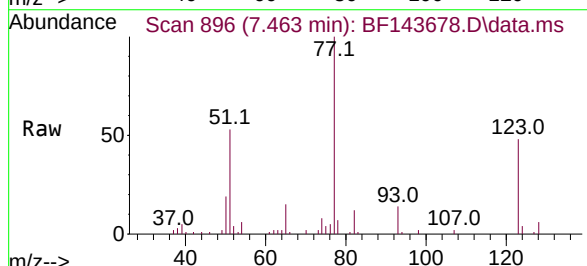
Tgt Ion: 77 Resp: 33450

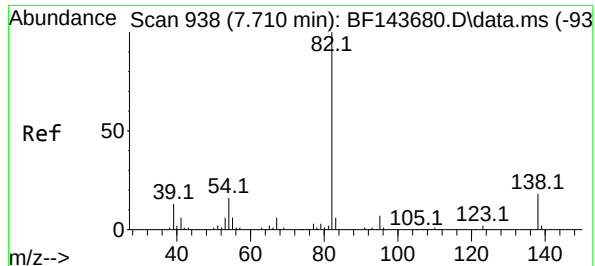
Ion Ratio Lower Upper

77 100

123 47.8 37.4 56.0

65 15.2 11.6 17.4

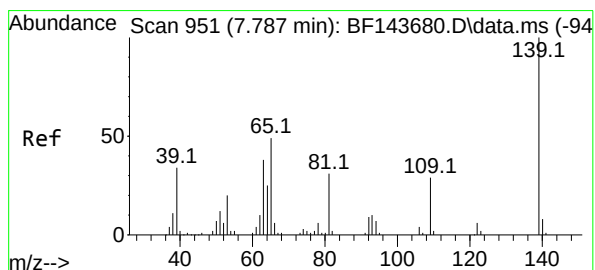
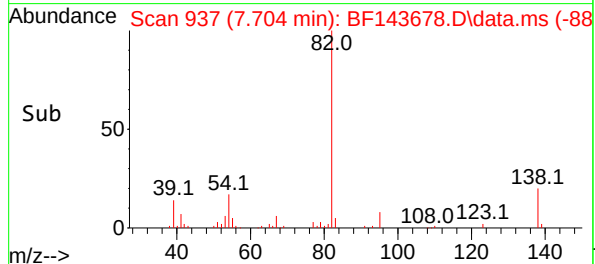
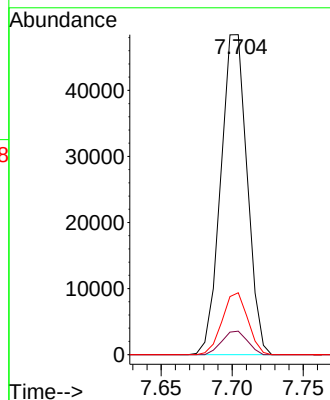
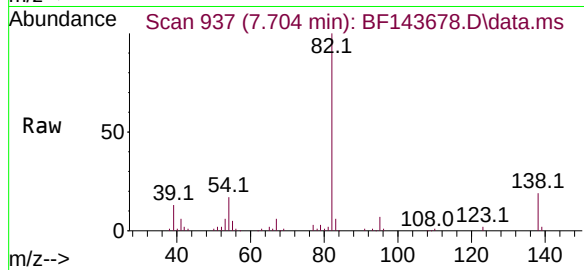




#25
Isophorone
Concen: 9.865 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

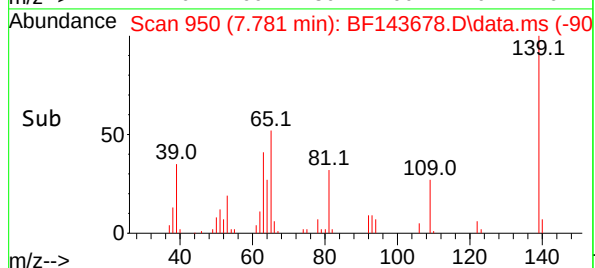
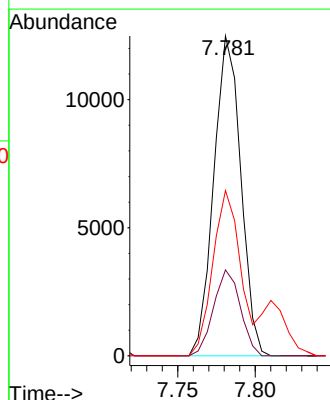
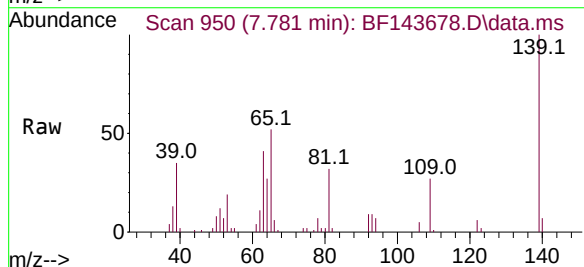
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

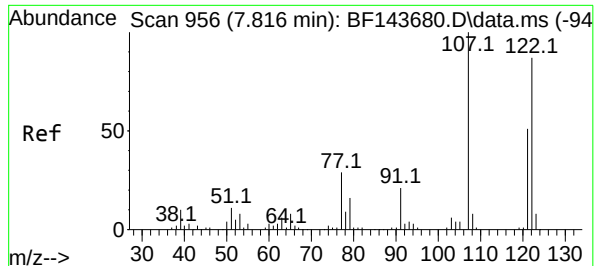
Tgt Ion: 82 Resp: 62581
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.3 14.8 22.2



#26
2-Nitrophenol
Concen: 9.002 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion: 139 Resp: 15183
Ion Ratio Lower Upper
139 100
109 26.9 22.8 34.2
65 51.7 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 9.963 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

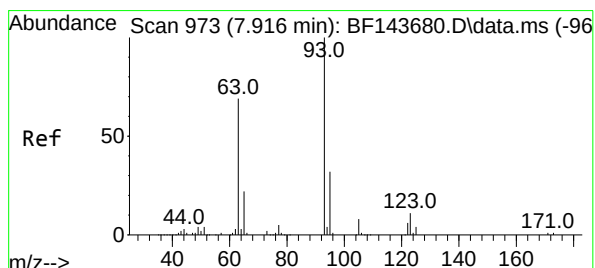
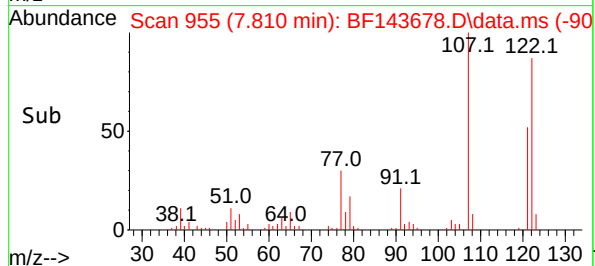
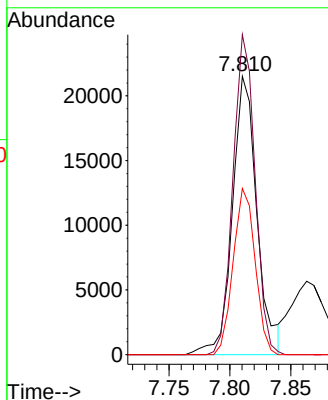
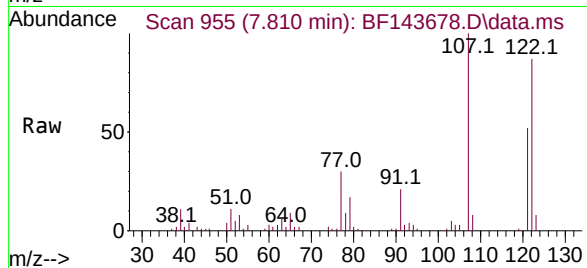
Tgt Ion:122 Resp: 30167

Ion Ratio Lower Upper

122 100

107 114.9 92.1 138.1

121 59.7 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 9.928 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

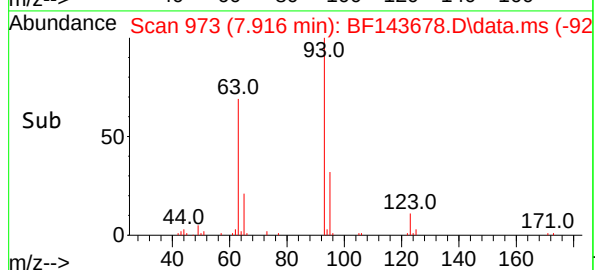
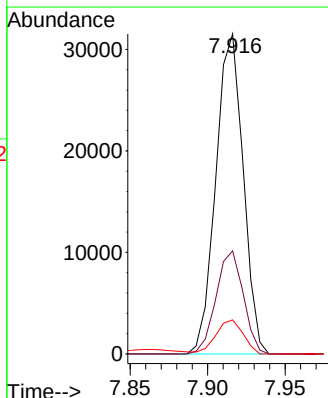
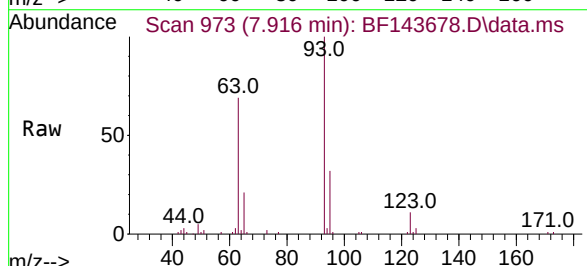
Tgt Ion: 93 Resp: 38706

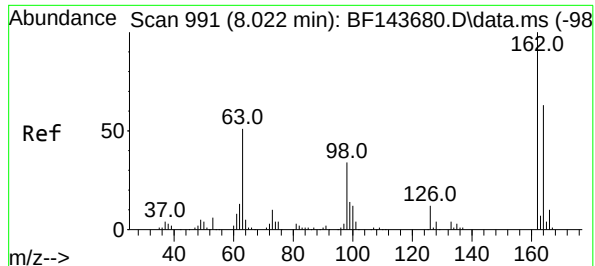
Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

123 10.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 9.714 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

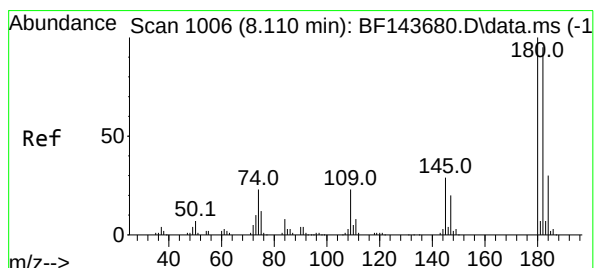
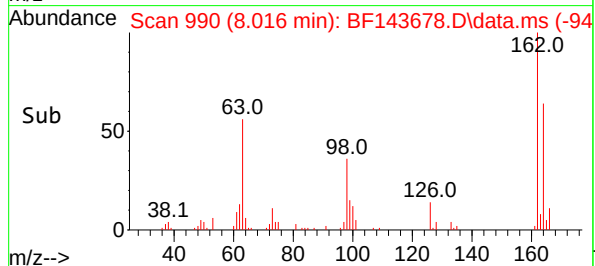
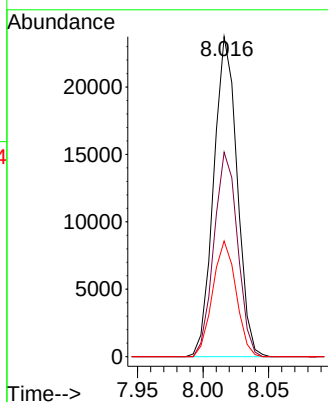
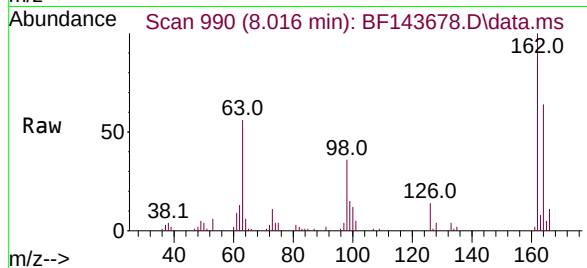
Tgt Ion:162 Resp: 29586

Ion Ratio Lower Upper

162 100

164 63.9 43.0 83.0

98 36.1 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 10.087 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

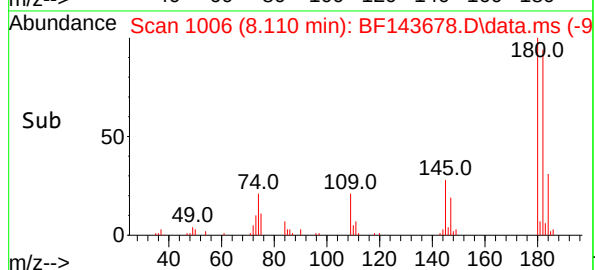
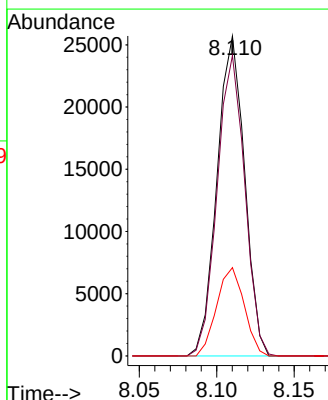
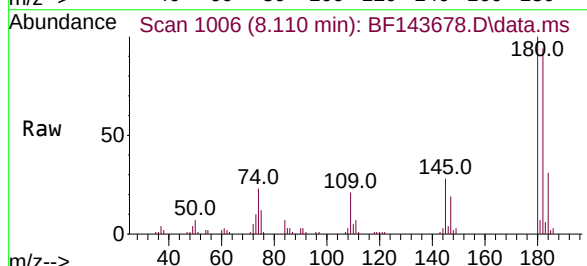
Tgt Ion:180 Resp: 31828

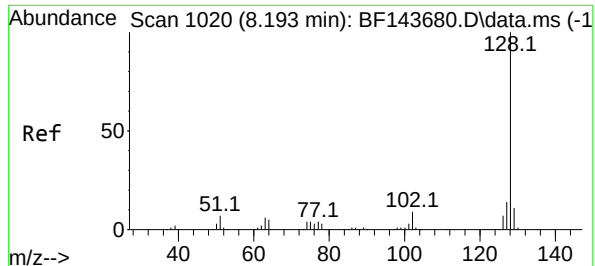
Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.4

145 27.6 23.2 34.8





#31

Naphthalene

Concen: 9.975 ng

RT: 8.192 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

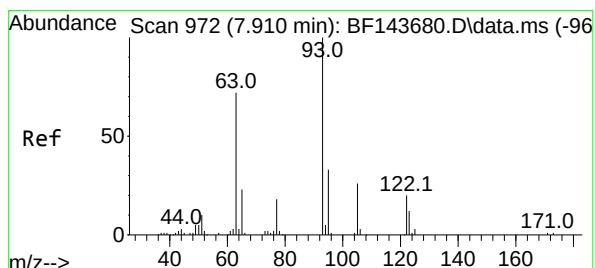
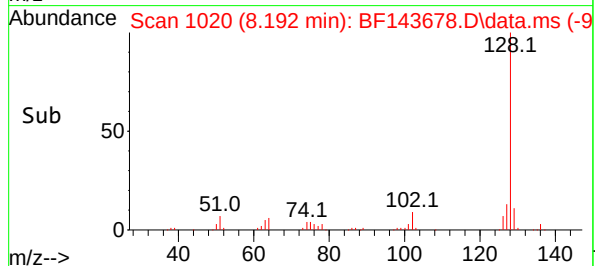
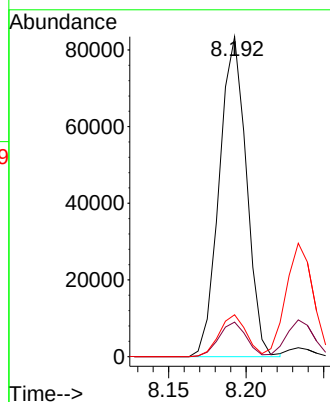
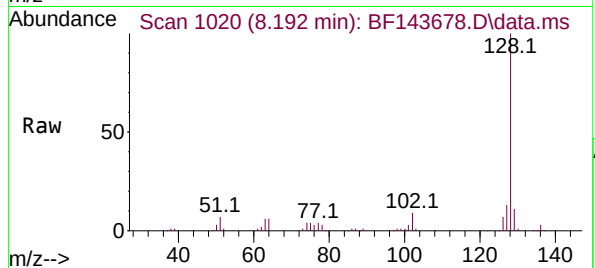
Tgt Ion:128 Resp: 101612

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 13.1 10.9 16.3



#32

Benzoic acid

Concen: 7.036 ng

RT: 7.863 min Scan# 964

Delta R.T. -0.047 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

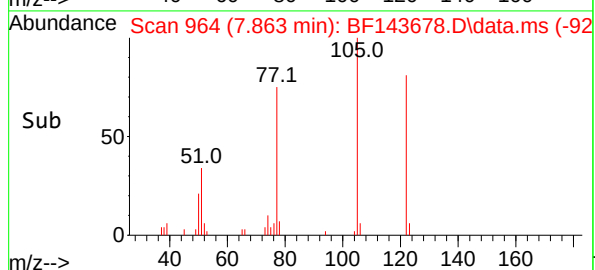
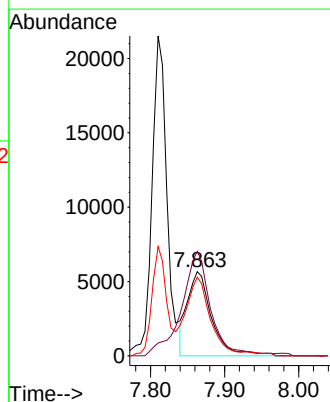
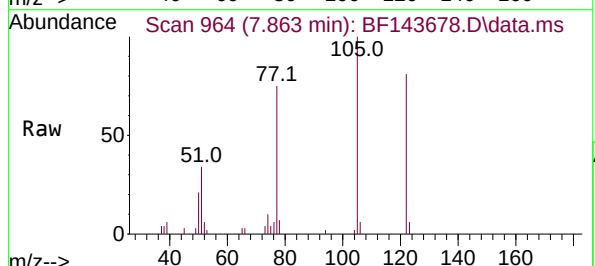
Tgt Ion:122 Resp: 12997

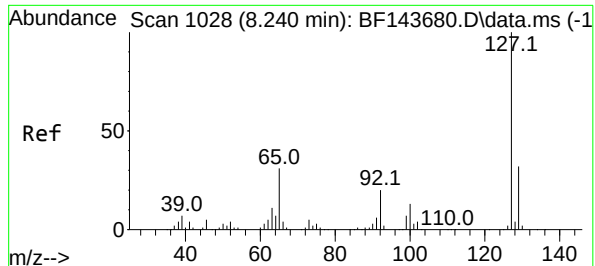
Ion Ratio Lower Upper

122 100

105 124.1 105.2 145.2

77 93.3 72.0 112.0





#33

4-Chloroaniline

Concen: 10.141 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 35965

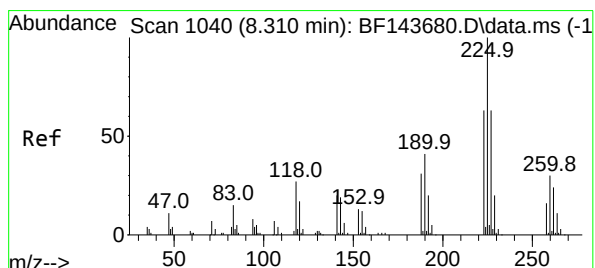
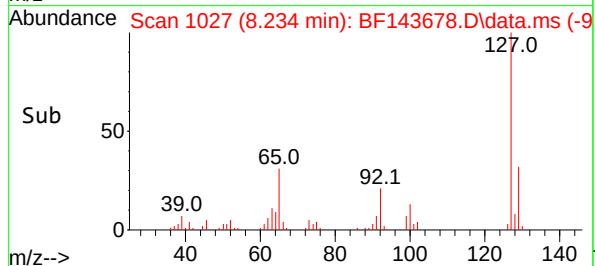
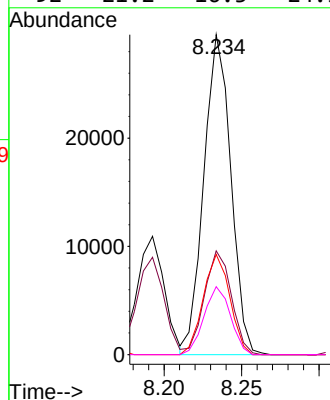
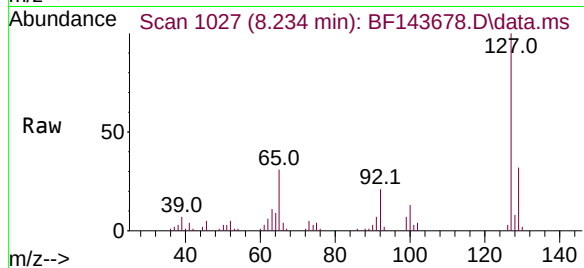
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 31.3 24.6 36.8

92 21.2 16.3 24.5



#34

Hexachlorobutadiene

Concen: 9.911 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

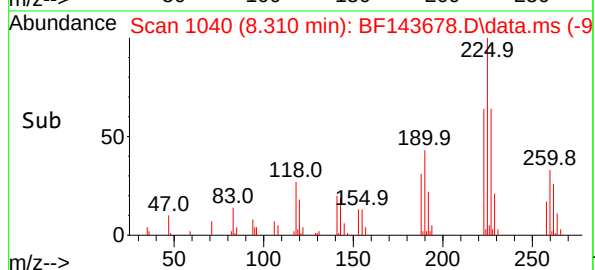
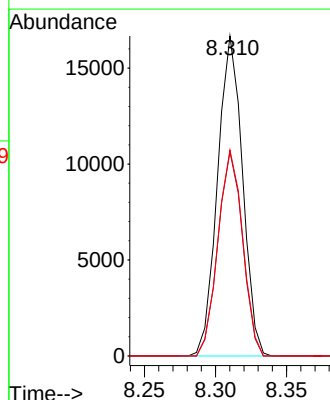
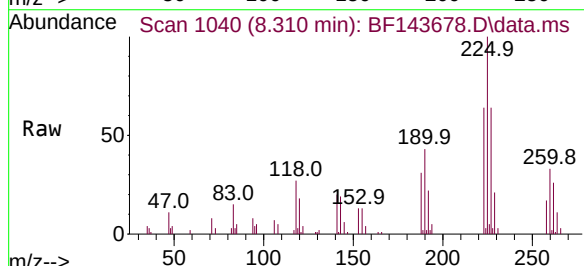
Tgt Ion:225 Resp: 20399

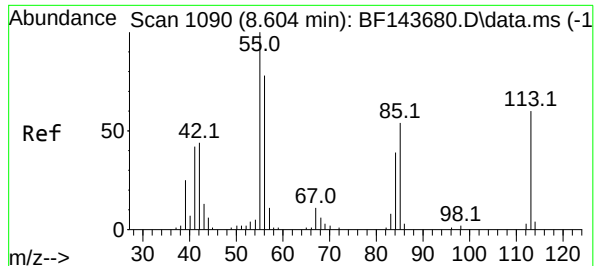
Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

227 64.3 50.8 76.2

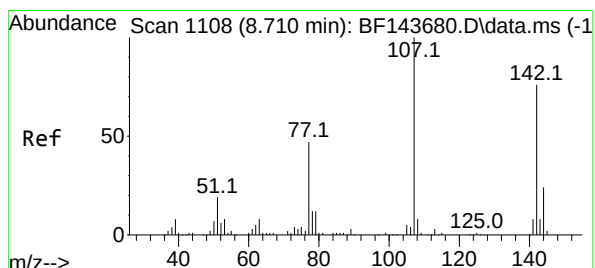
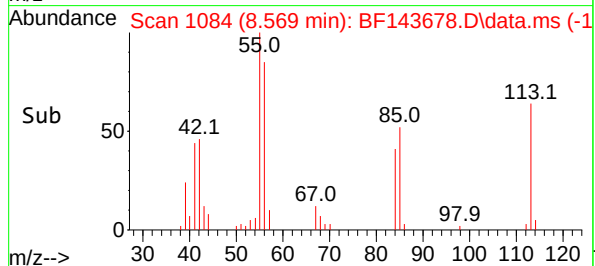
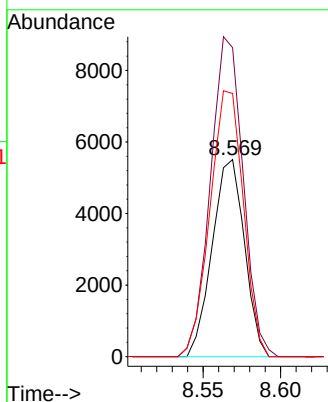
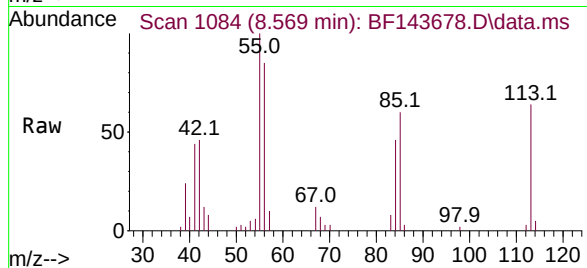




#35
Caprolactam
Concen: 9.834 ng
RT: 8.569 min Scan# 1090
Delta R.T. -0.035 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

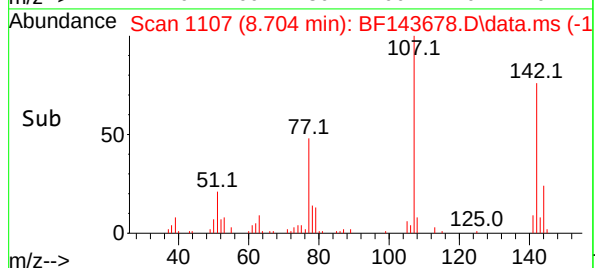
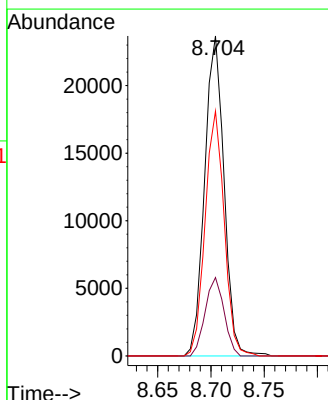
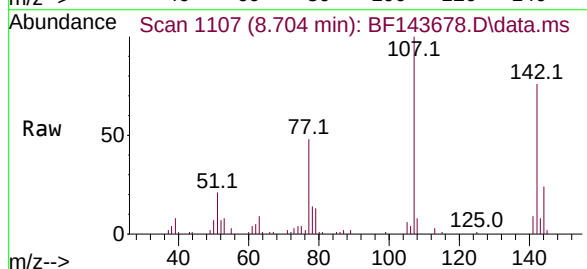
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

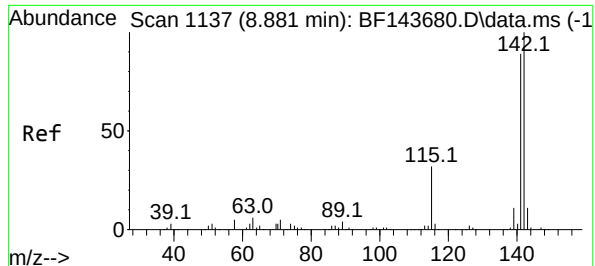
Tgt Ion:113 Resp: 7972
Ion Ratio Lower Upper
113 100
55 156.7 148.9 188.9
56 133.5 112.8 152.8



#36
4-Chloro-3-methylphenol
Concen: 9.973 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion:107 Resp: 29950
Ion Ratio Lower Upper
107 100
144 24.5 19.4 29.2
142 76.5 60.6 91.0





#37

2-Methylnaphthalene

Concen: 10.141 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

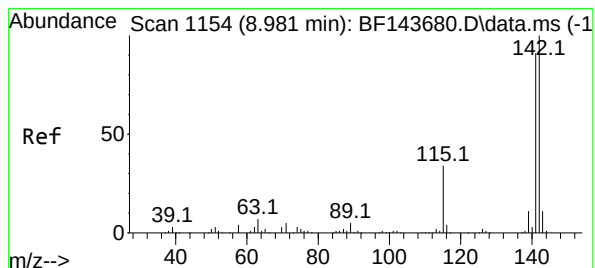
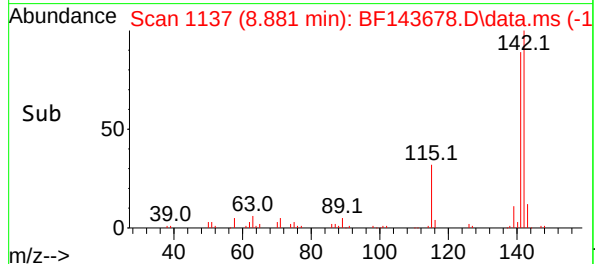
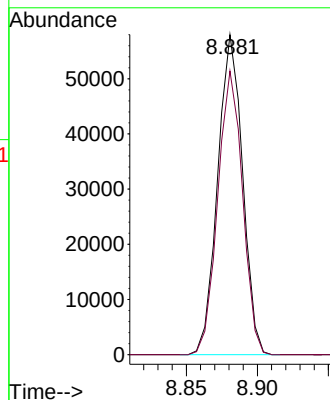
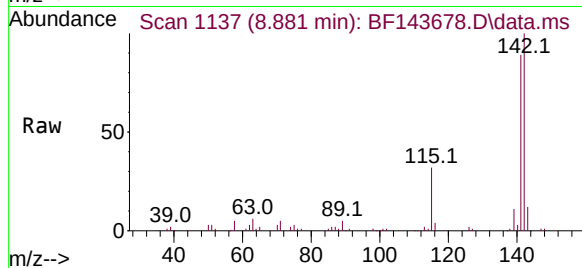
SSTDICC010

Tgt Ion:142 Resp: 70719

Ion Ratio Lower Upper

142 100

141 88.6 71.1 106.7



#38

1-Methylnaphthalene

Concen: 10.254 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143678.D

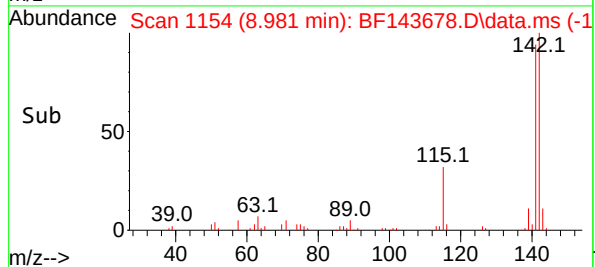
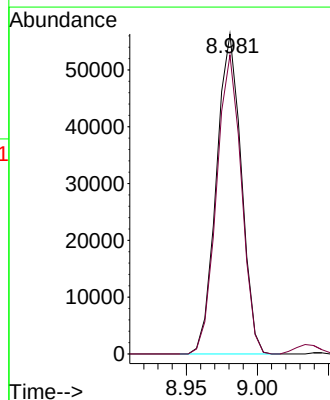
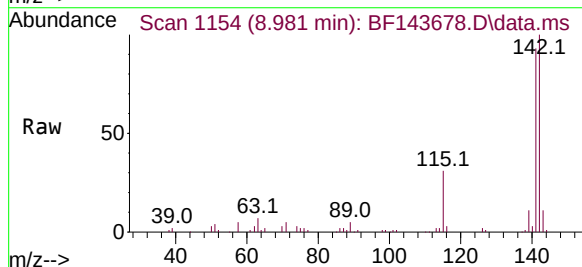
Acq: 09 Sep 2025 10:10

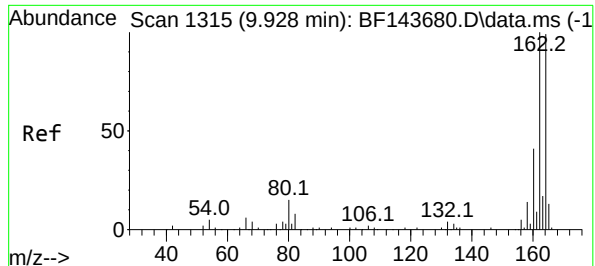
Tgt Ion:142 Resp: 68625

Ion Ratio Lower Upper

142 100

141 93.4 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

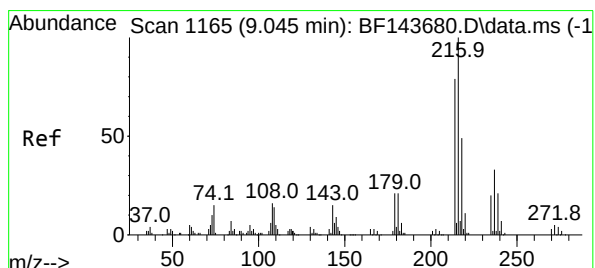
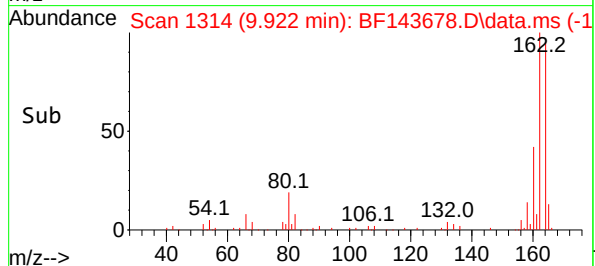
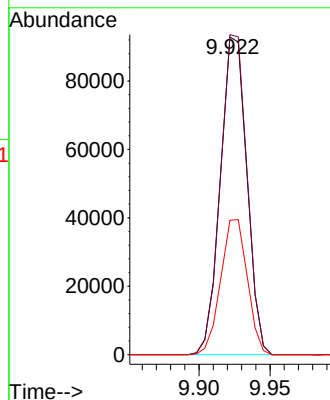
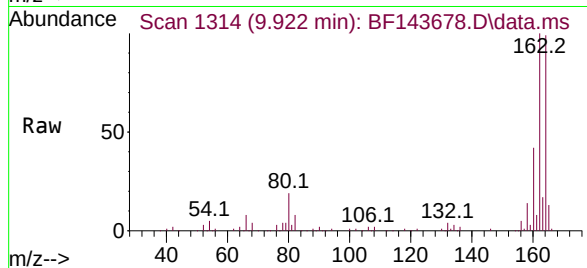
Tgt Ion:164 Resp: 120700

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 42.3 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.099 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Tgt Ion:216 Resp: 34898

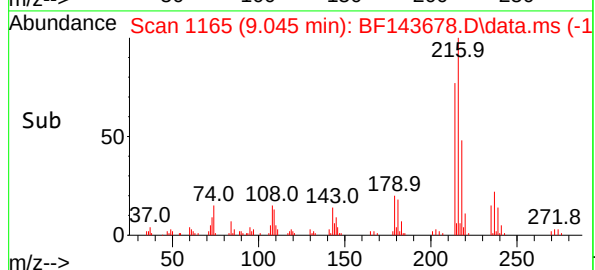
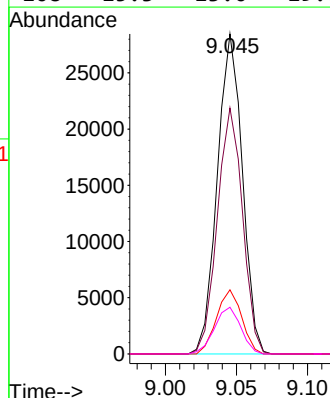
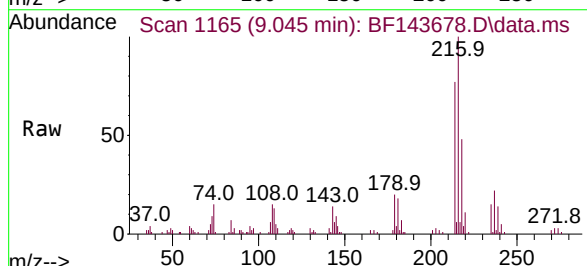
Ion Ratio Lower Upper

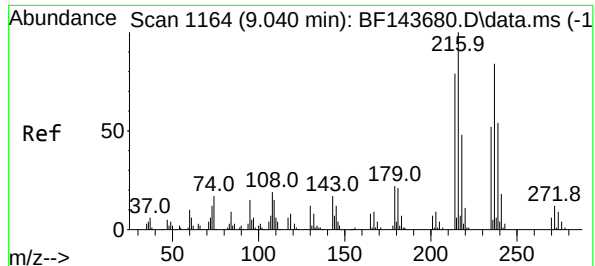
216 100

214 77.2 63.2 94.8

179 20.1 16.8 25.2

108 15.3 13.0 19.6

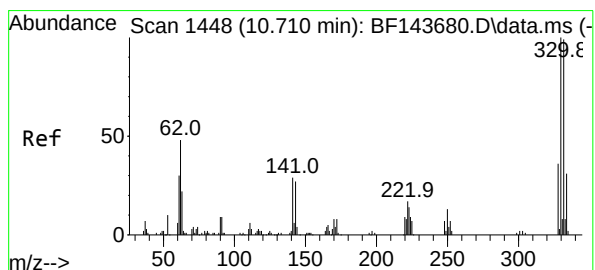
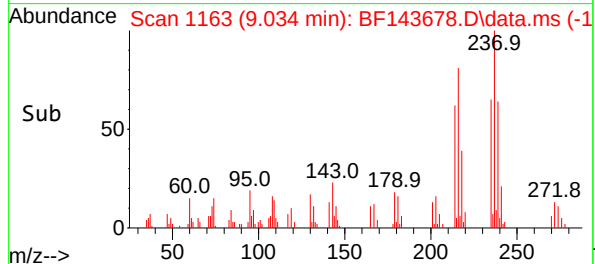
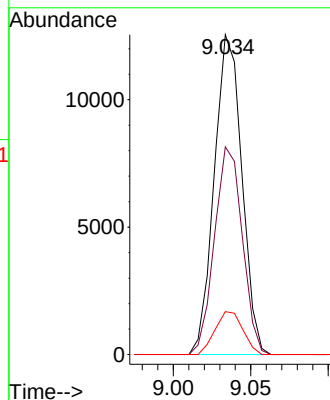
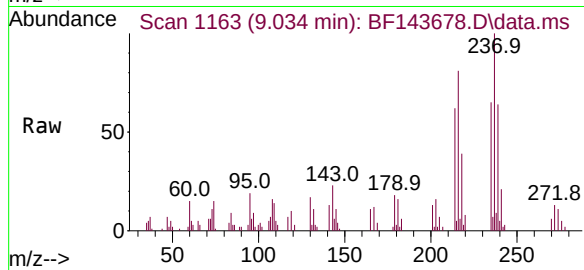




#41
Hexachlorocyclopentadiene
Concen: 8.782 ng
RT: 9.034 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

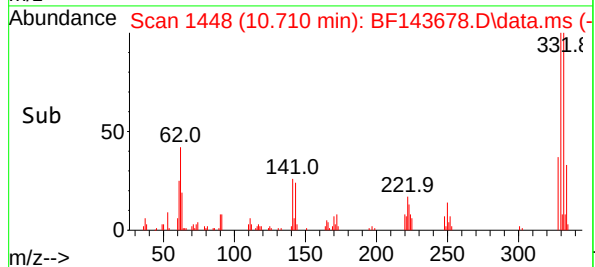
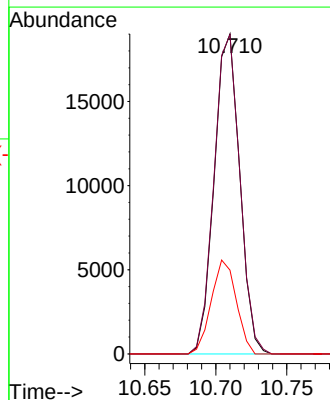
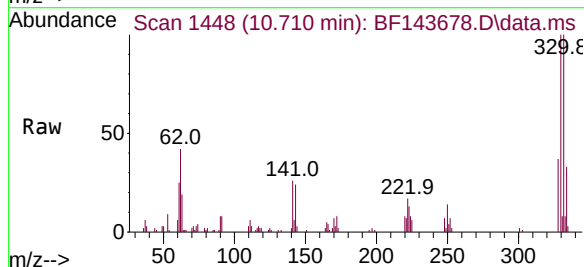
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

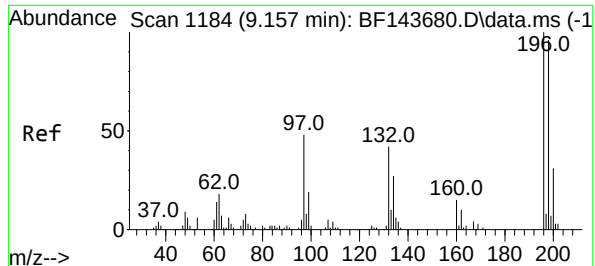
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.9	41.6	81.6
272	13.4	0.0	33.9



#42
2,4,6-Tribromophenol
Concen: 19.501 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.1	79.2	118.8
141	28.8	22.2	33.4





#43

2,4,6-Trichlorophenol

Concen: 9.468 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143678.D

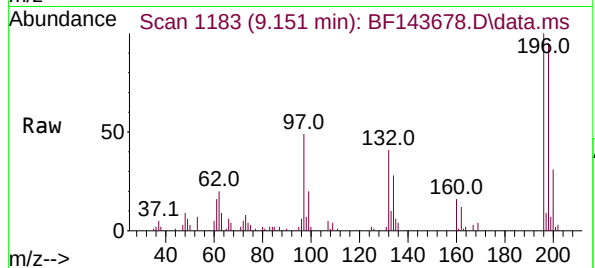
Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



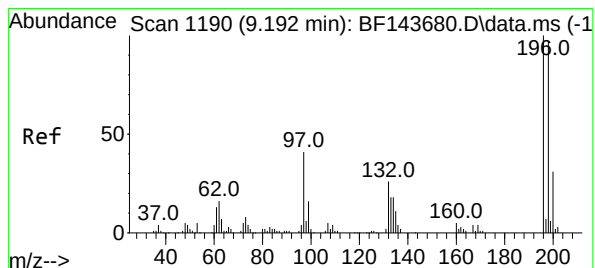
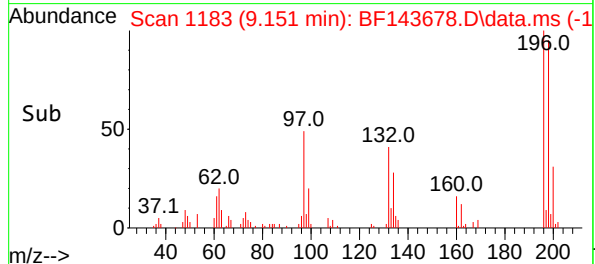
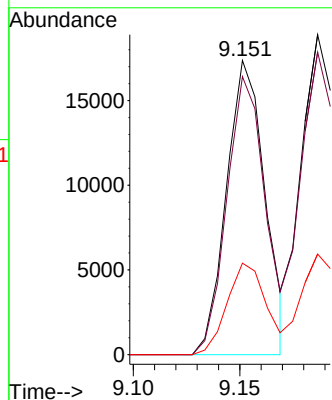
Tgt Ion:196 Resp: 21847

Ion Ratio Lower Upper

196 100

198 94.5 76.5 114.7

200 31.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 9.917 ng

RT: 9.187 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Tgt Ion:196 Resp: 23261

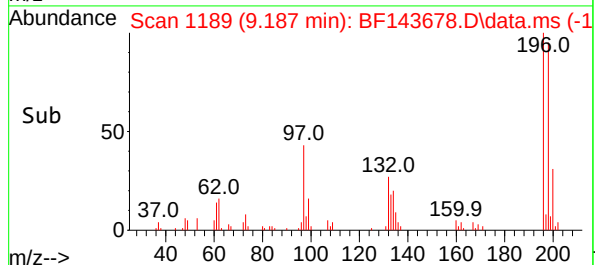
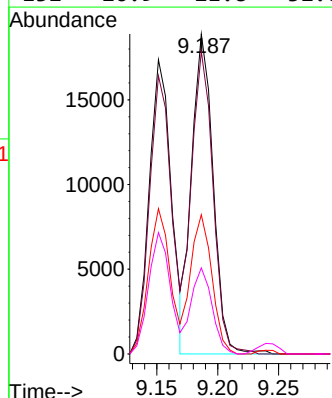
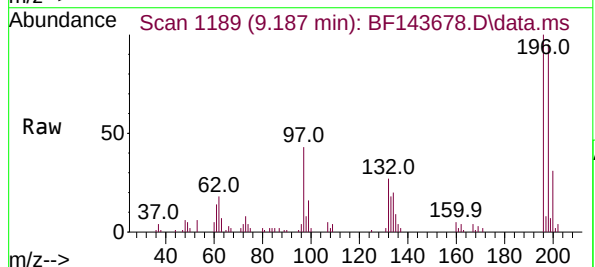
Ion Ratio Lower Upper

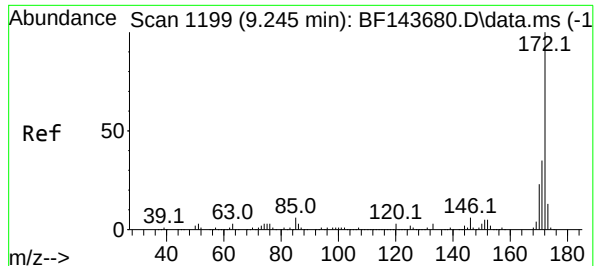
196 100

198 94.5 77.0 115.6

97 43.5 34.2 51.4

132 26.9 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 20.462 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

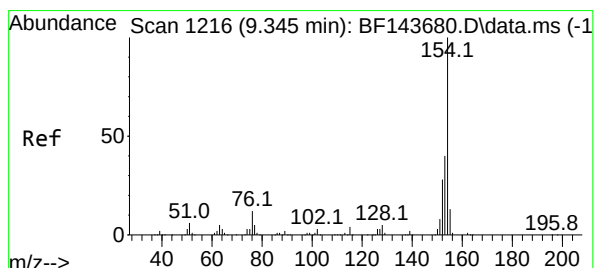
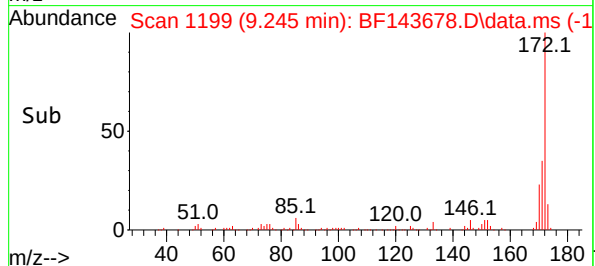
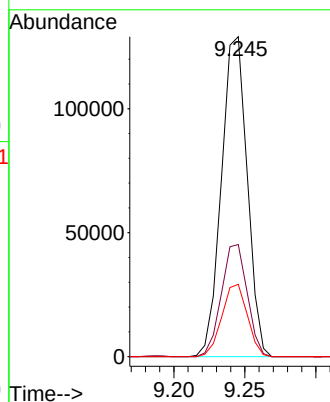
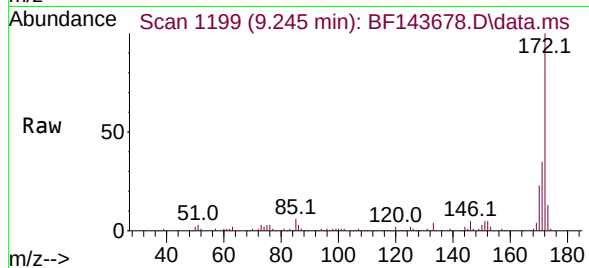
Tgt Ion:172 Resp: 163493

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 22.6 18.6 27.8



#46

1,1'-Biphenyl

Concen: 10.108 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

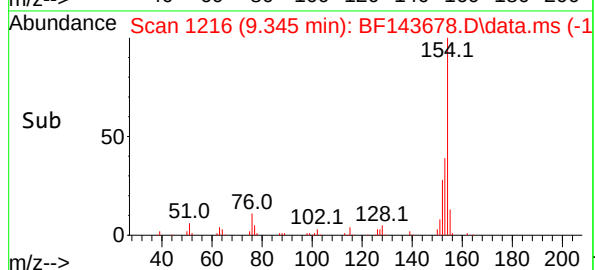
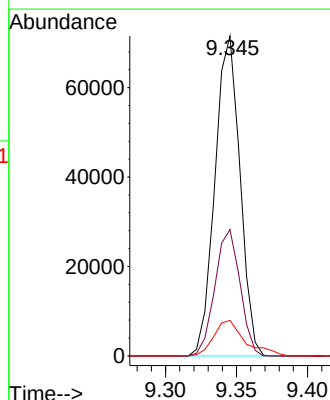
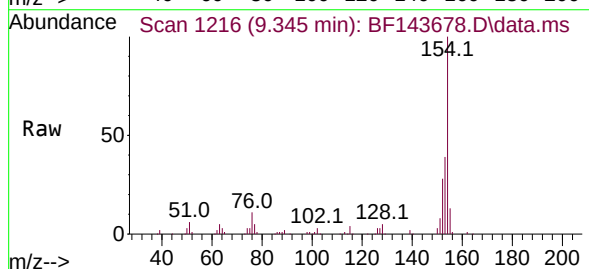
Tgt Ion:154 Resp: 87834

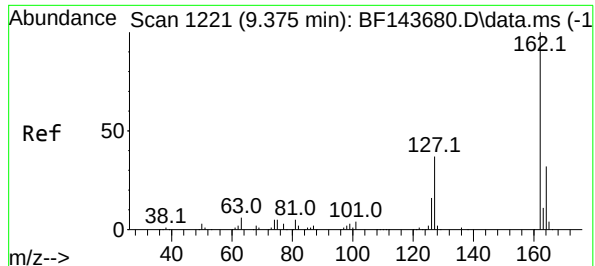
Ion Ratio Lower Upper

154 100

153 39.5 20.2 60.2

76 11.1 0.0 31.6





#47

2-Chloronaphthalene

Concen: 9.906 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143678.D

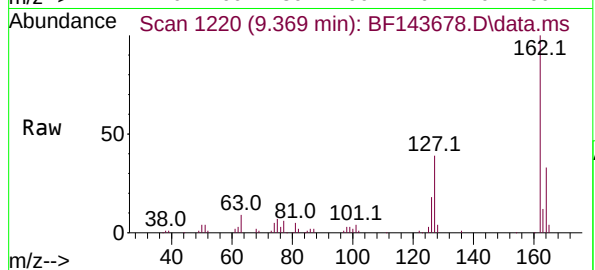
Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



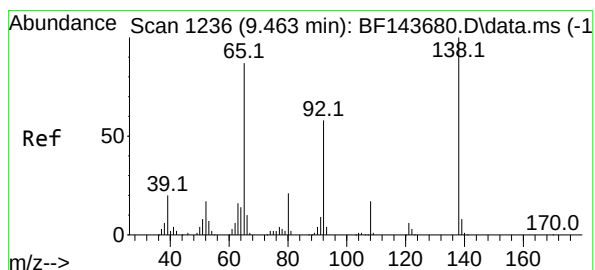
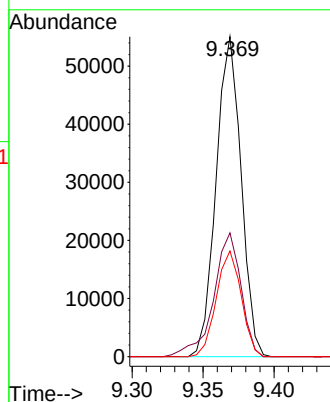
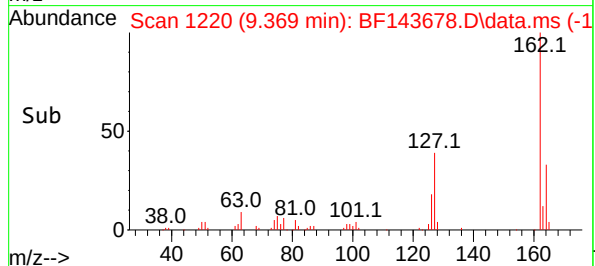
Tgt Ion:162 Resp: 67482

Ion Ratio Lower Upper

162 100

127 38.7 30.6 45.8

164 33.0 25.8 38.8



#48

2-Nitroaniline

Concen: 9.336 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

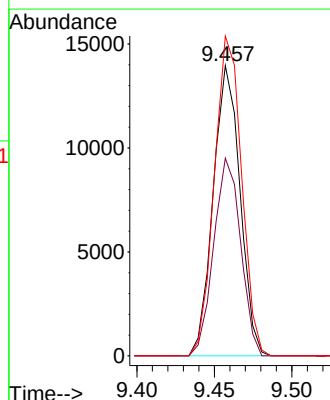
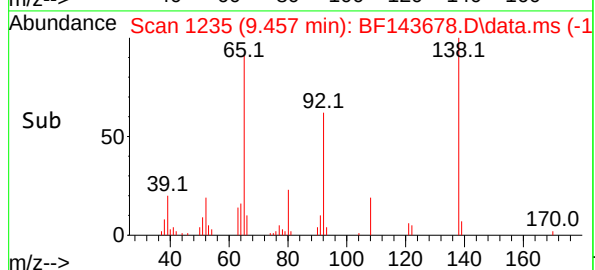
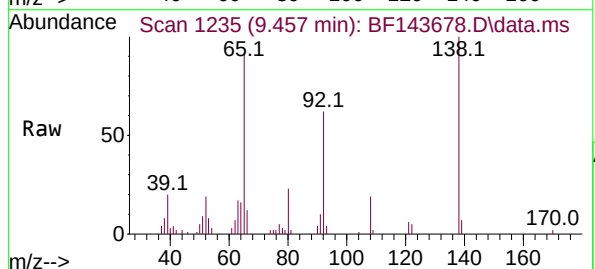
Tgt Ion: 65 Resp: 16830

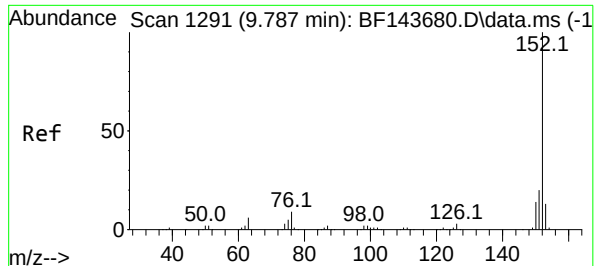
Ion Ratio Lower Upper

65 100

92 68.1 53.3 79.9

138 110.2 92.1 138.1





#49

Acenaphthylene

Concen: 10.040 ng

RT: 9.781 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF143678.D

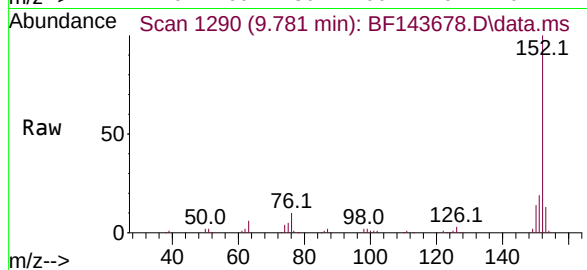
Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



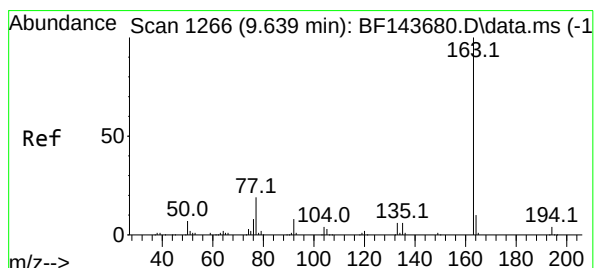
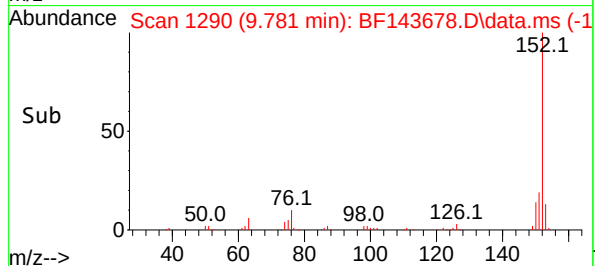
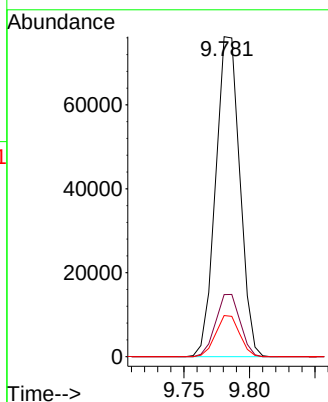
Tgt Ion:152 Resp: 97966

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 10.273 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

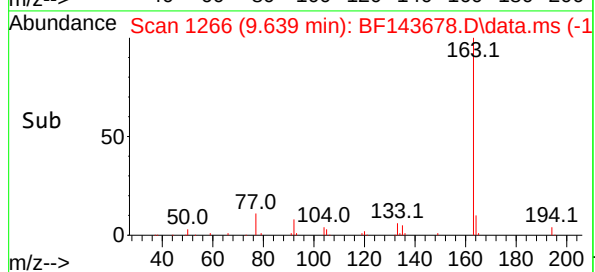
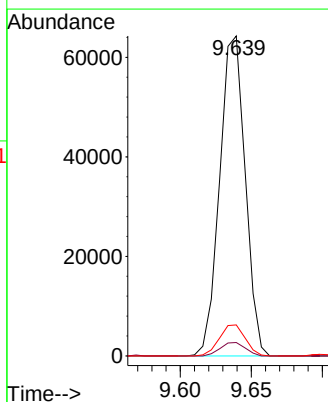
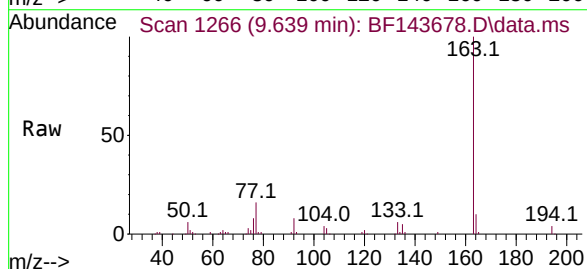
Tgt Ion:163 Resp: 80674

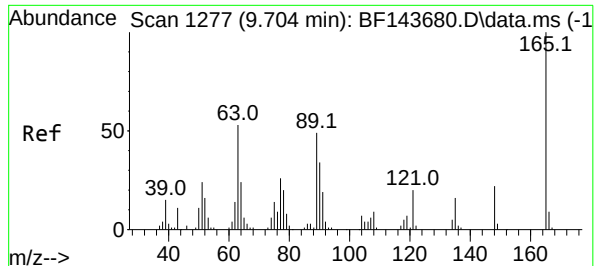
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.7 8.0 12.0

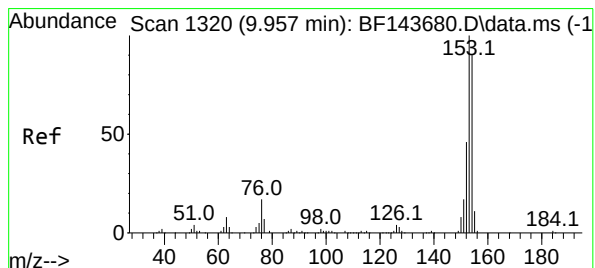
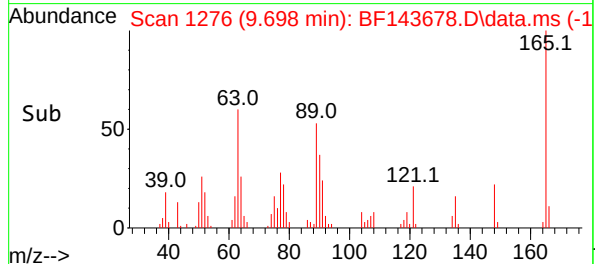
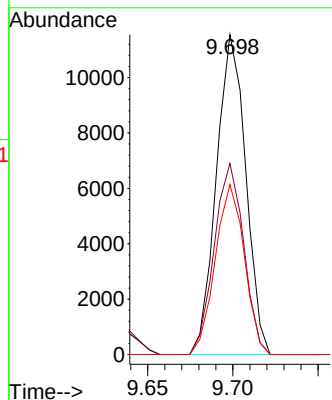
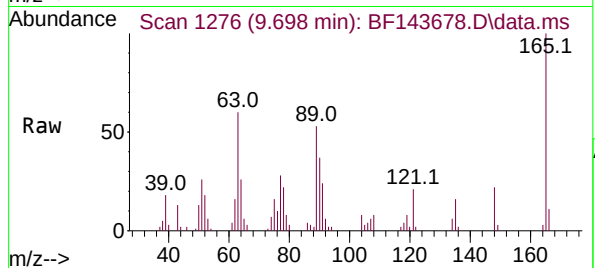




#51
2,6-Dinitrotoluene
Concen: 9.197 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

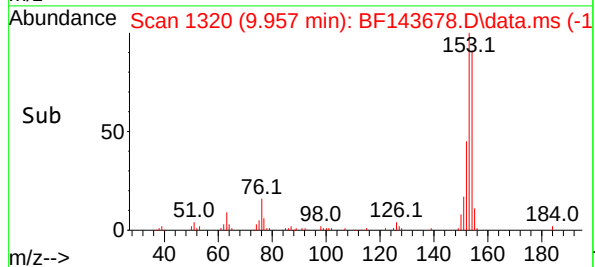
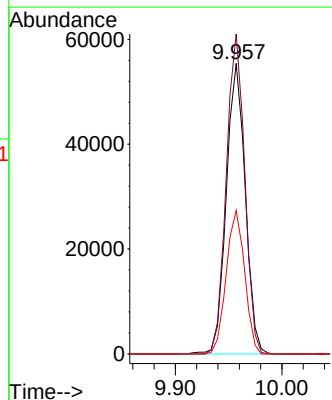
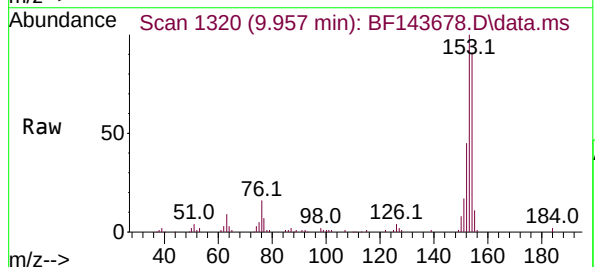
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

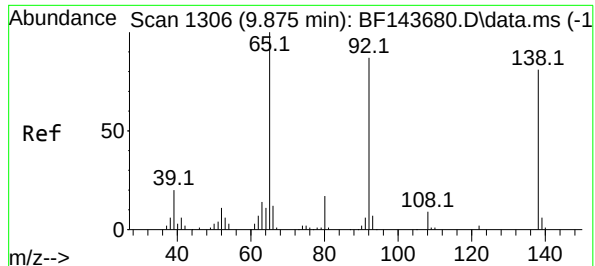
Tgt Ion:165 Resp: 13810
Ion Ratio Lower Upper
165 100
63 59.7 42.2 63.4
89 53.1 39.3 58.9



#52
Acenaphthene
Concen: 10.210 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion:154 Resp: 68652
Ion Ratio Lower Upper
154 100
153 110.1 89.4 134.0
152 49.3 41.2 61.8

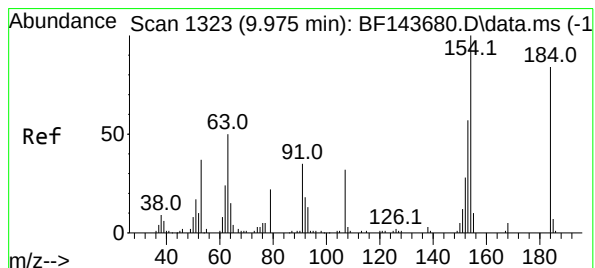
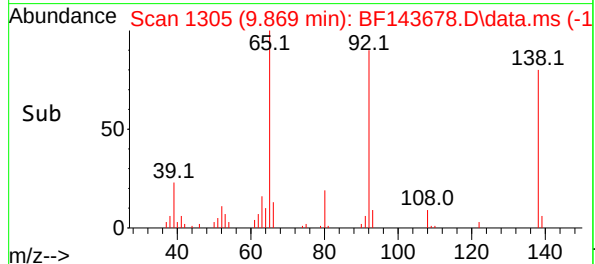
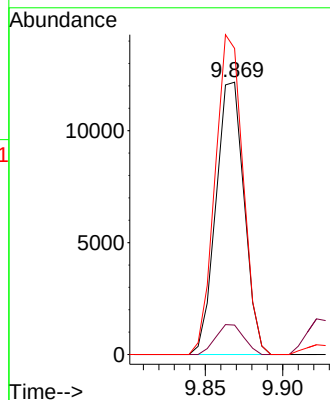
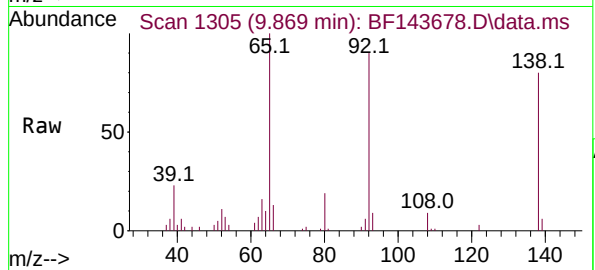




#53
3-Nitroaniline
Concen: 9.567 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

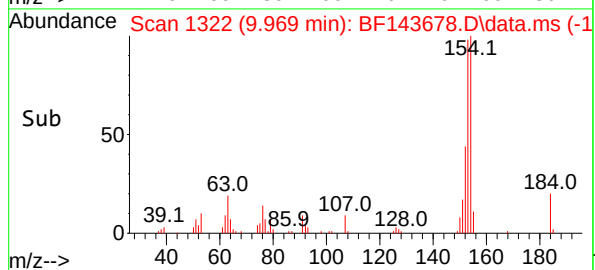
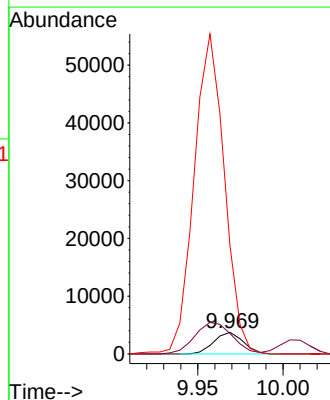
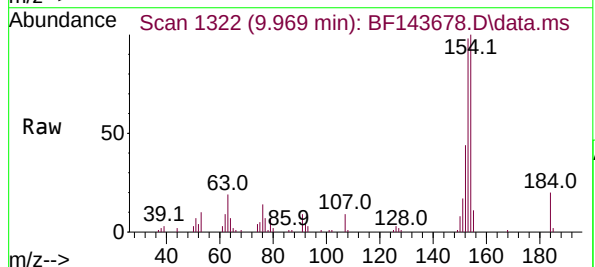
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

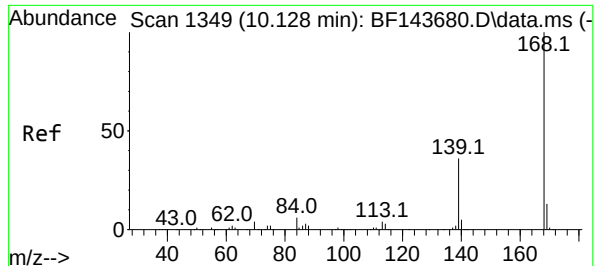
Tgt Ion:138 Resp: 15459
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 112.4 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 10.715 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion:184 Resp: 4447
Ion Ratio Lower Upper
184 100
63 94.9 52.7 79.1#
154 504.0 136.6 204.8#





#55

Dibenzenofuran

Concen: 10.245 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

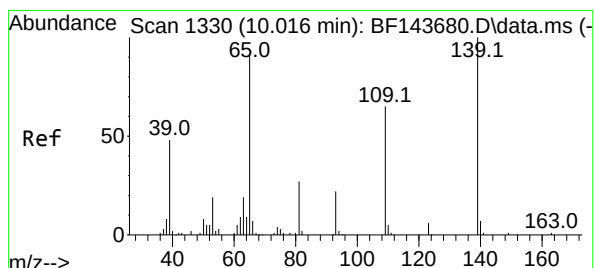
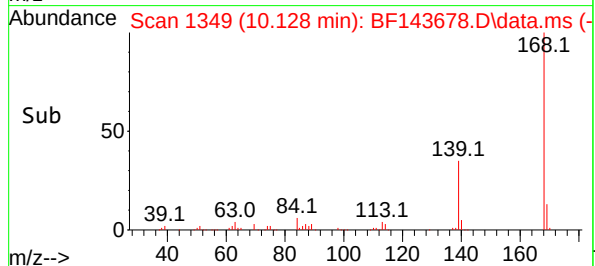
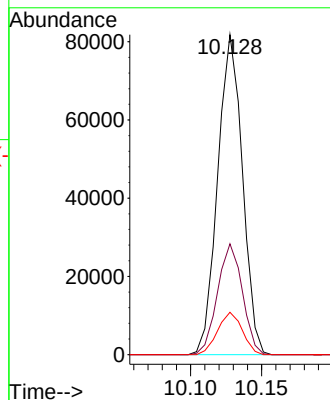
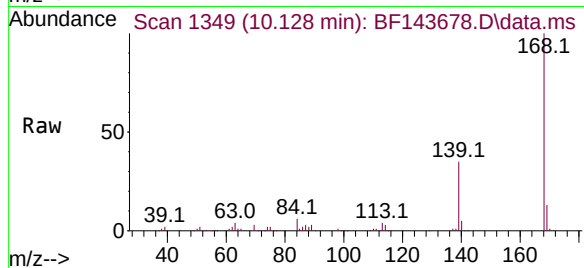
Tgt Ion:168 Resp: 99061

Ion Ratio Lower Upper

168 100

139 34.6 29.0 43.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 9.556 ng

RT: 10.010 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

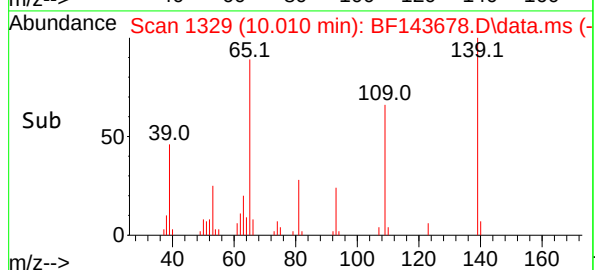
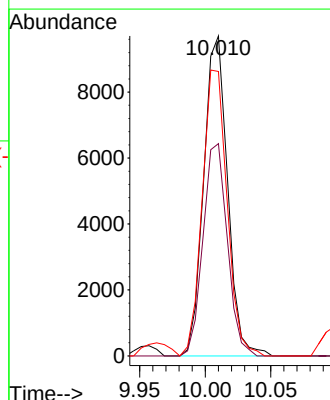
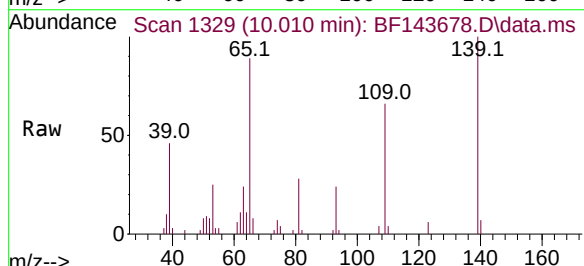
Tgt Ion:139 Resp: 12284

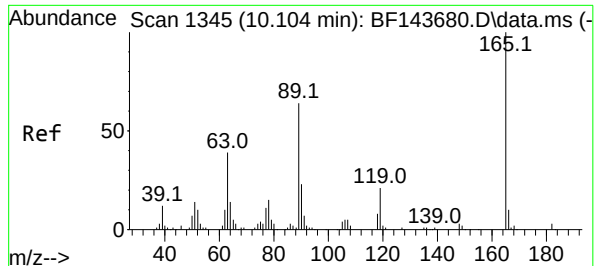
Ion Ratio Lower Upper

139 100

109 66.3 45.2 85.2

65 88.9 72.1 112.1





#57

2,4-Dinitrotoluene

Concen: 9.599 ng

RT: 10.098 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:165 Resp: 19617

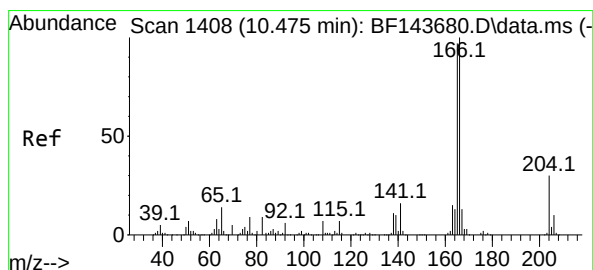
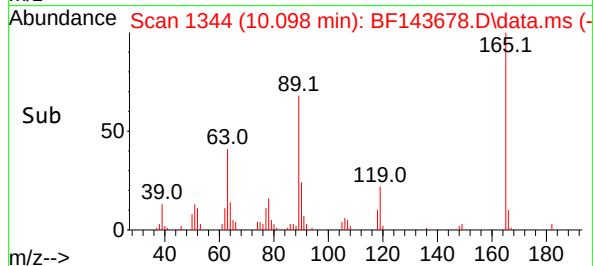
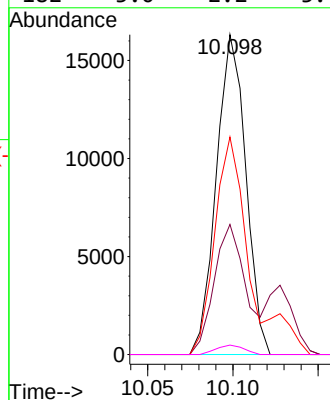
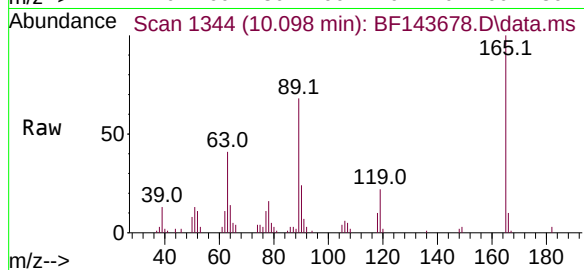
Ion Ratio Lower Upper

165 100

63 40.7 31.5 47.3

89 68.0 51.3 76.9

182 3.0 2.2 3.4



#58

Fluorene

Concen: 10.286 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

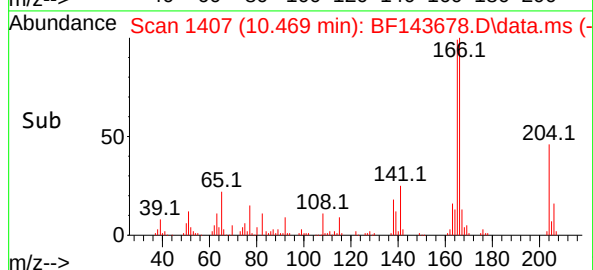
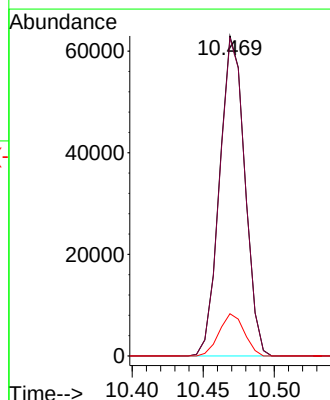
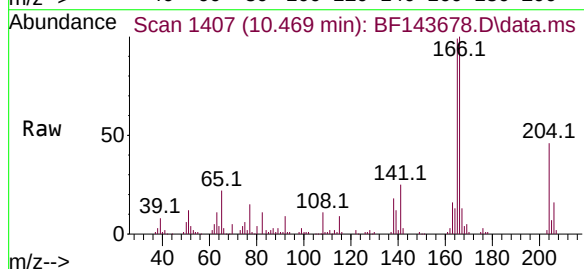
Tgt Ion:166 Resp: 77851

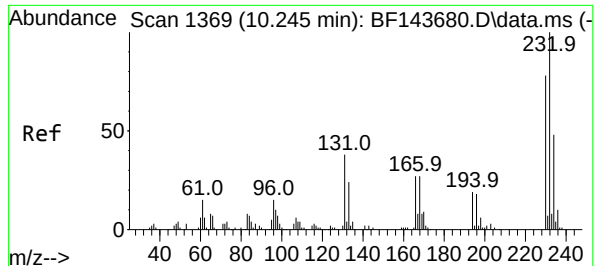
Ion Ratio Lower Upper

166 100

165 99.3 77.5 116.3

167 13.2 10.2 15.2

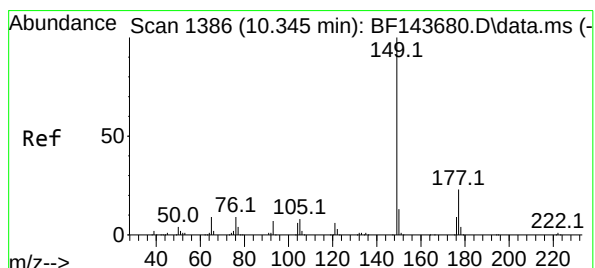
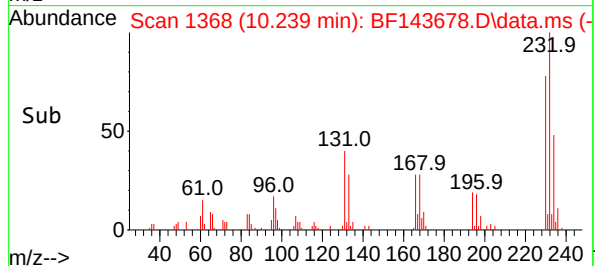
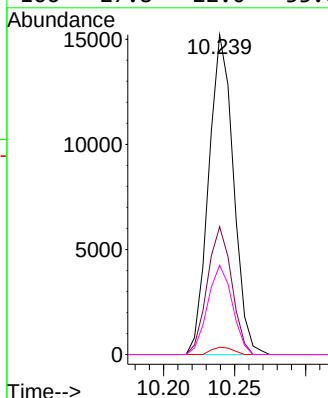
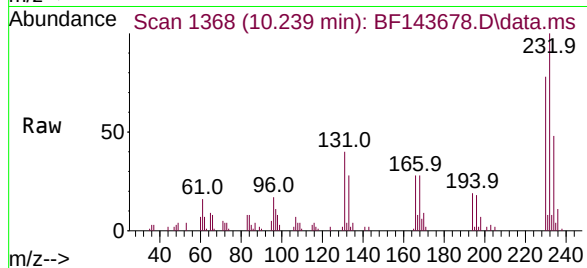




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.714 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

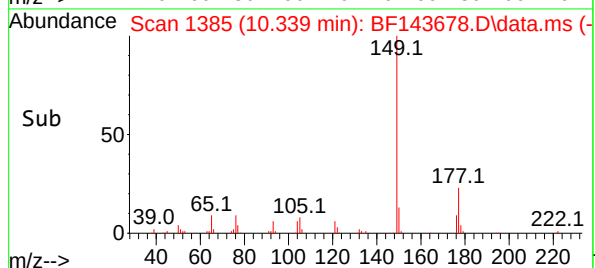
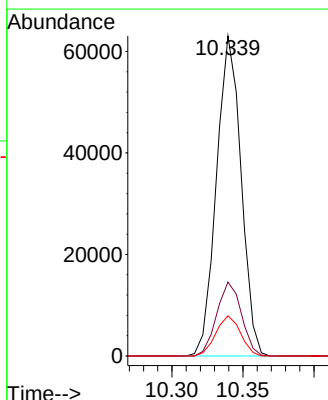
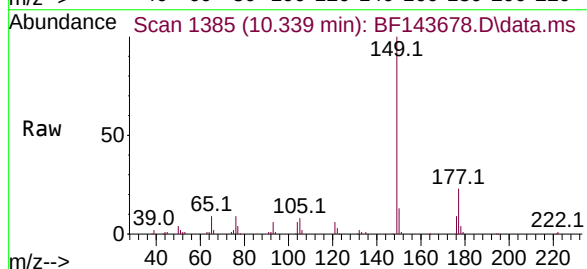
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

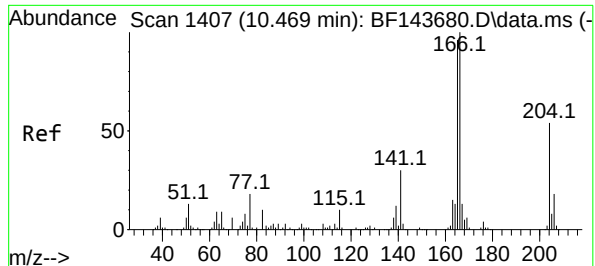
Tgt Ion:232 Resp: 18477
Ion Ratio Lower Upper
232 100
131 39.3 31.9 47.9
130 2.0 1.4 2.0
166 27.8 22.0 33.0



#60
Diethylphthalate
Concen: 10.298 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion:149 Resp: 75922
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.5 10.0 15.0

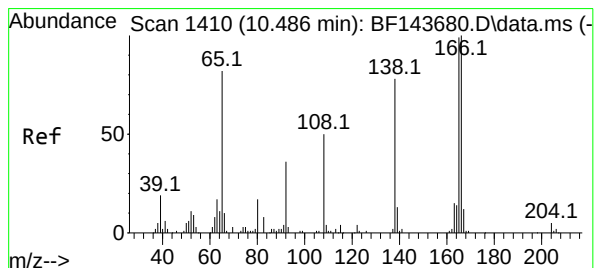
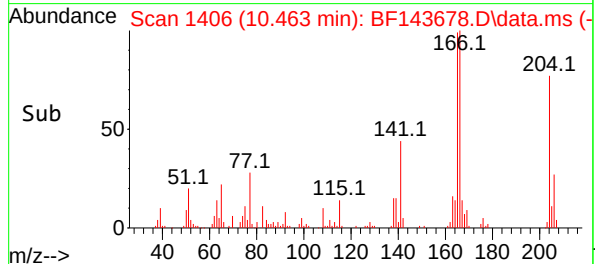
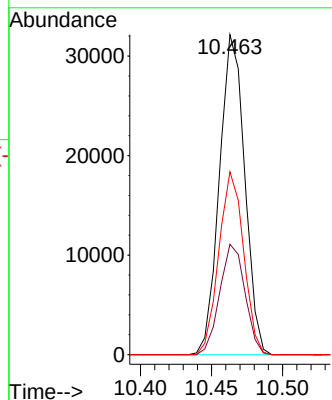
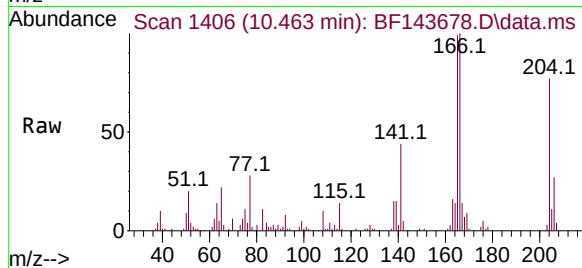




#61
4-Chlorophenyl-phenylether
Concen: 10.373 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

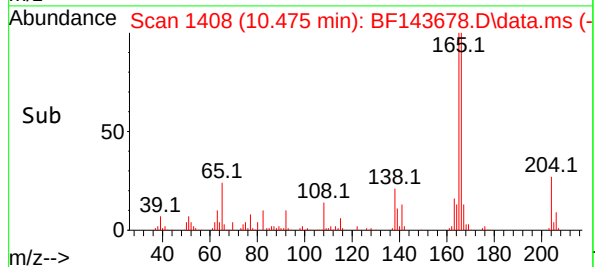
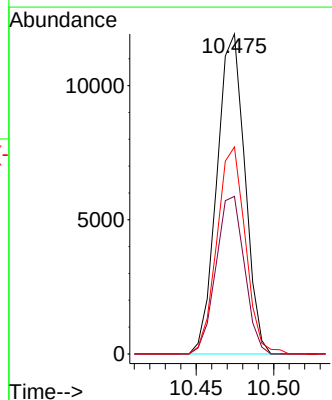
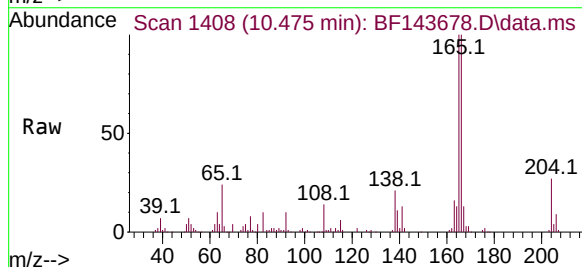
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

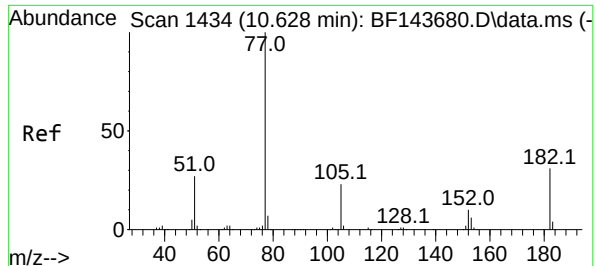
Tgt Ion	204	Resp:	39819
Ion Ratio	Lower	Upper	
204	100		
206	34.5	26.0	39.0
141	57.1	44.8	67.2



#62
4-Nitroaniline
Concen: 9.795 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion	138	Resp:	14991
Ion Ratio	Lower	Upper	
138	100		
92	49.2	26.4	66.4
108	64.7	44.3	84.3

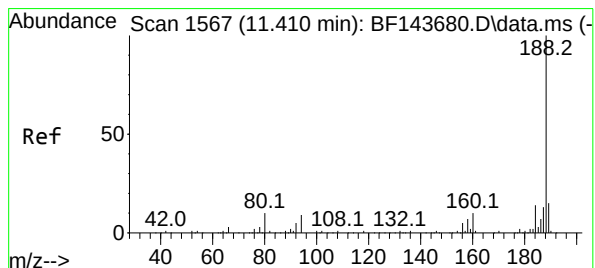
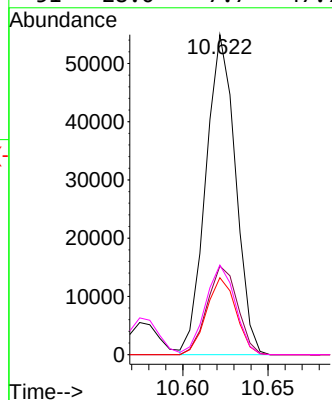
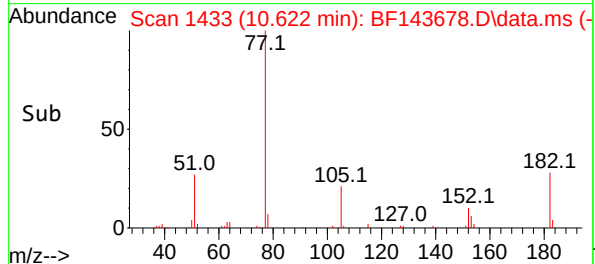
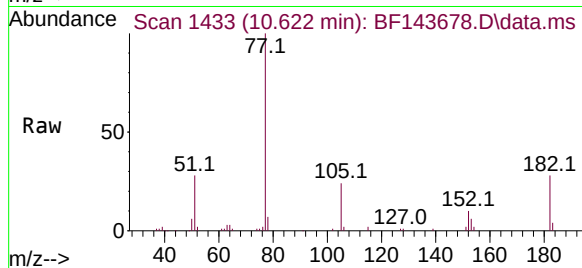




#63
Azobenzene
Concen: 10.192 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

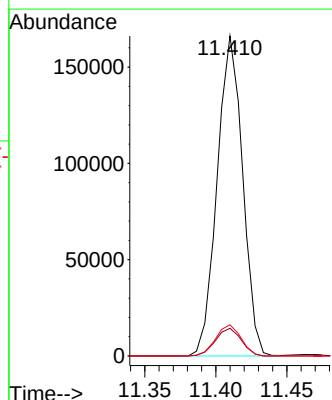
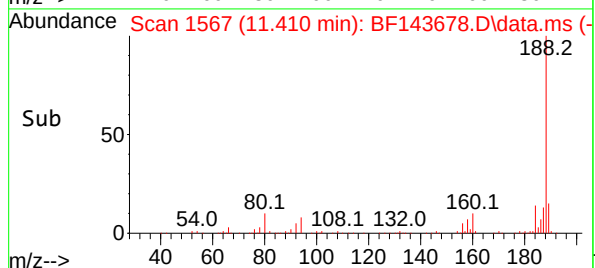
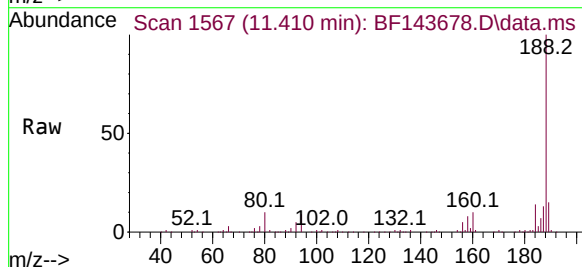
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

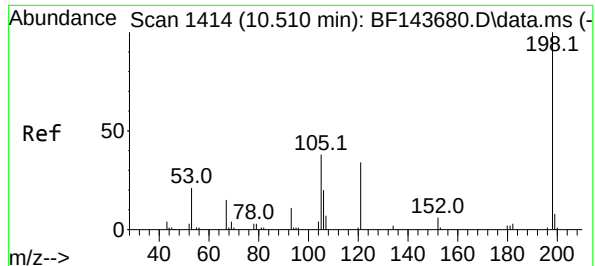
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	10.8	50.8
105	24.0	3.2	43.2
51	28.0	7.7	47.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.0
80	9.7	7.7	11.5

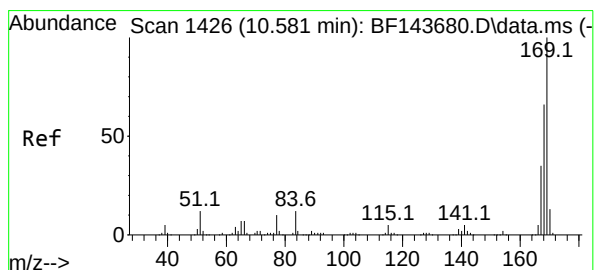
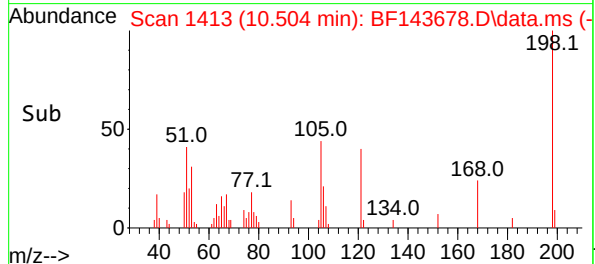
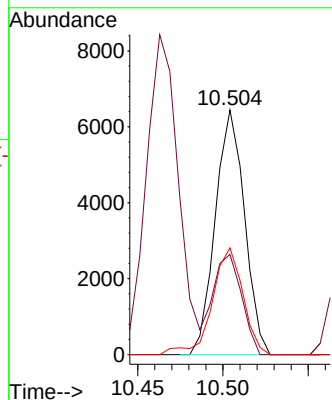
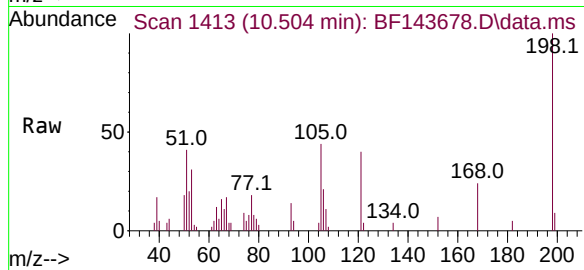




#65
4,6-Dinitro-2-methylphenol
Concen: 7.254 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

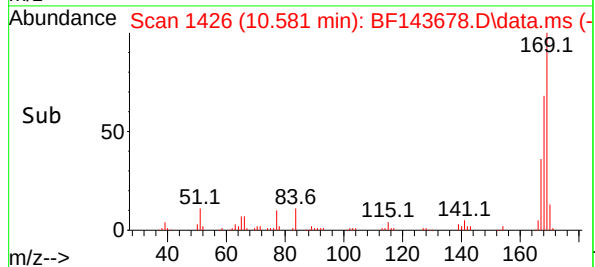
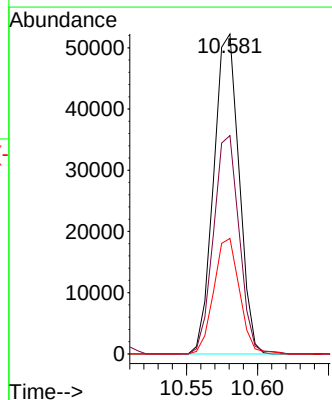
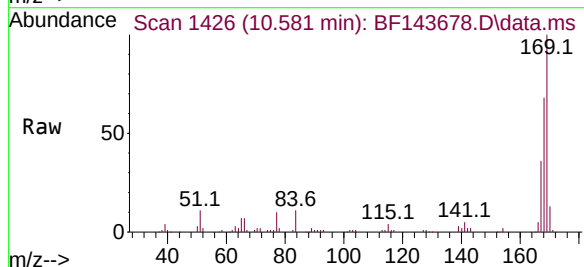
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

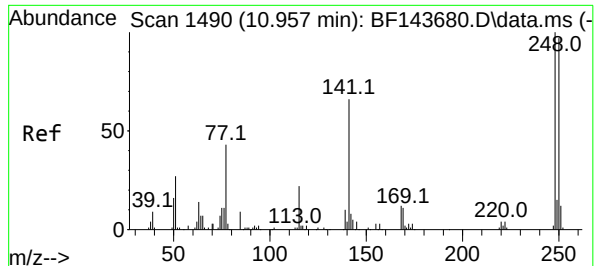
Tgt Ion:198 Resp: 7671
Ion Ratio Lower Upper
198 100
51 41.0 21.2 61.2
105 43.7 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 9.573 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion:169 Resp: 65140
Ion Ratio Lower Upper
169 100
168 68.2 53.0 79.6
167 36.1 28.1 42.1

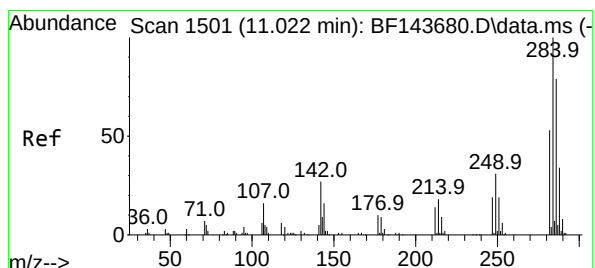
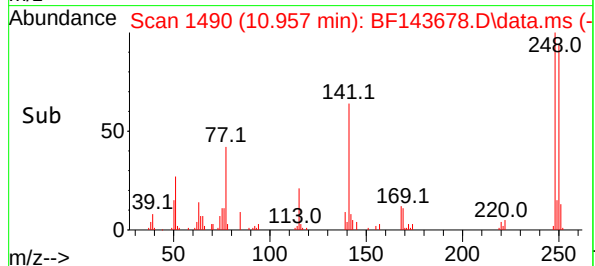
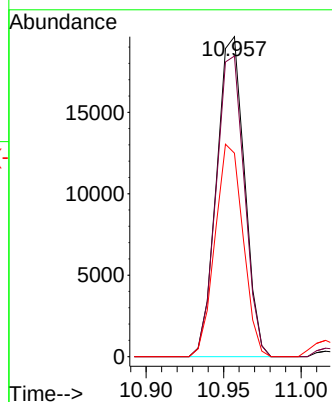
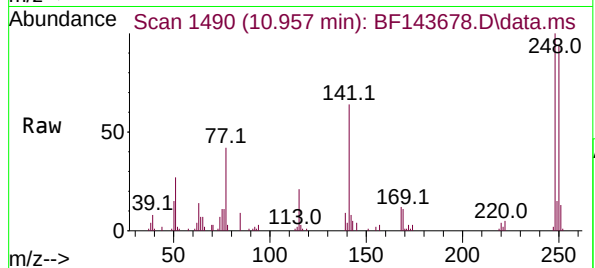




#67
4-Bromophenyl-phenylether
Concen: 9.883 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

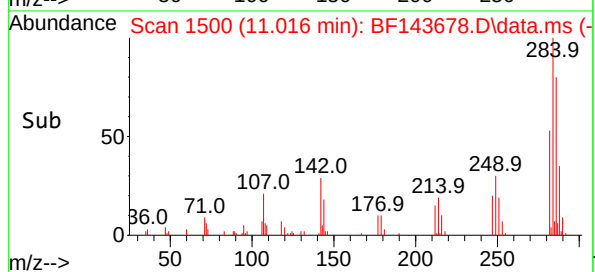
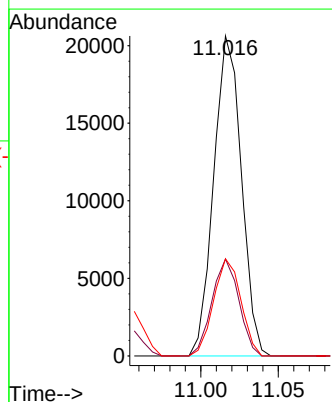
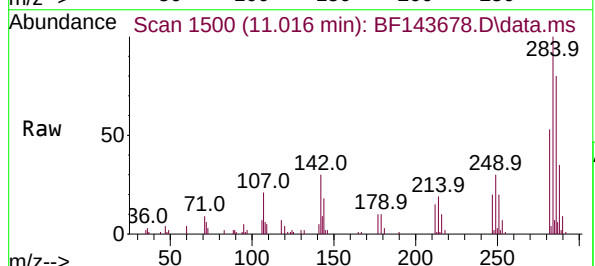
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

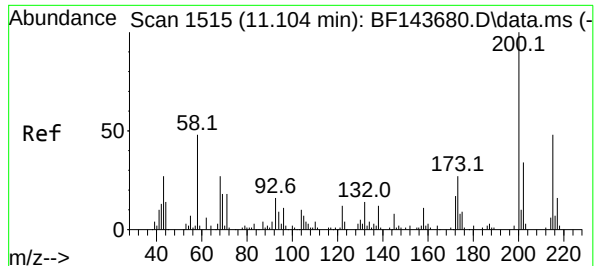
Tgt Ion:248 Resp: 24754
Ion Ratio Lower Upper
248 100
250 93.9 77.5 116.3
141 63.6 52.6 79.0



#68
Hexachlorobenzene
Concen: 9.673 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion:284 Resp: 25584
Ion Ratio Lower Upper
284 100
142 30.3 21.3 31.9
249 30.3 25.0 37.4





#69

Atrazine

Concen: 10.158 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

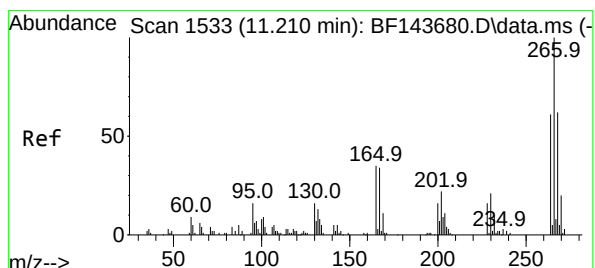
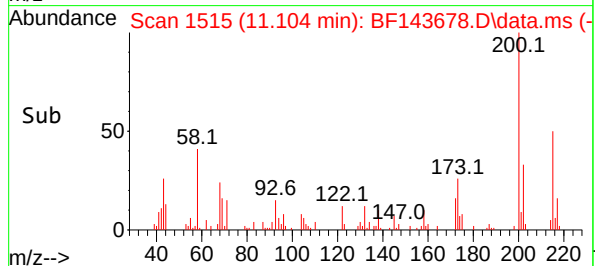
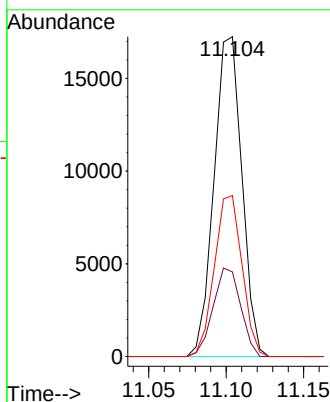
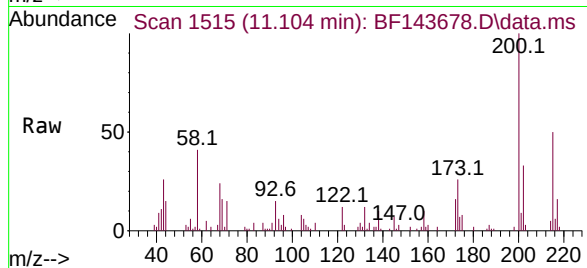
Tgt Ion:200 Resp: 21673

Ion Ratio Lower Upper

200 100

173 26.5 7.3 47.3

215 50.3 28.5 68.5



#70

Pentachlorophenol

Concen: 8.191 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

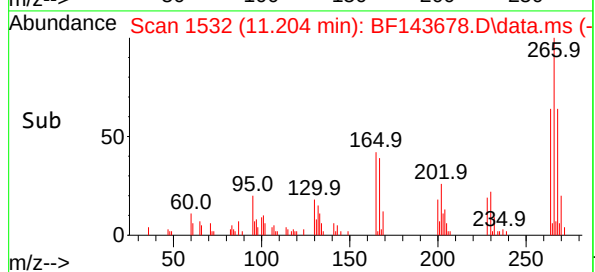
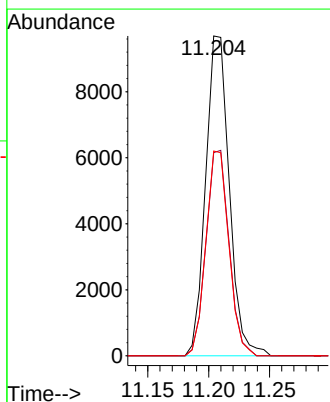
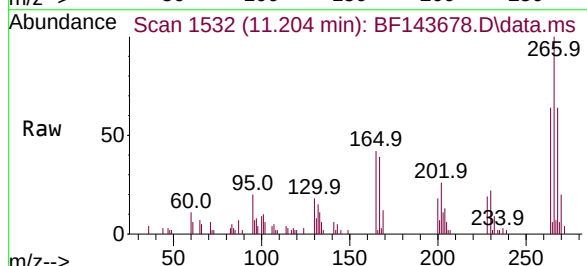
Tgt Ion:266 Resp: 13095

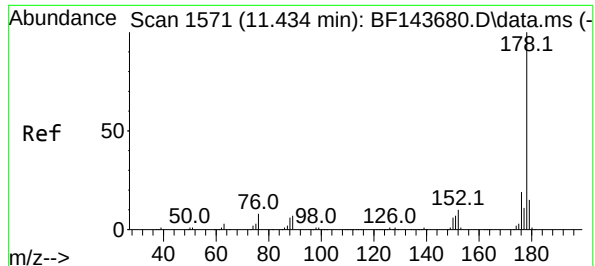
Ion Ratio Lower Upper

266 100

268 63.5 49.2 73.8

264 64.0 48.6 73.0

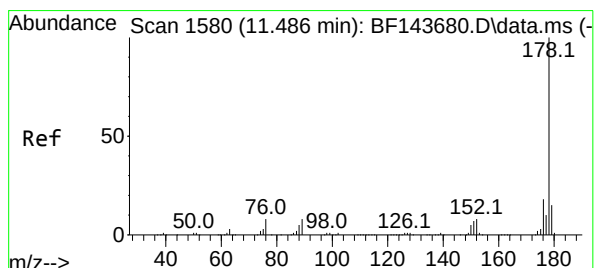
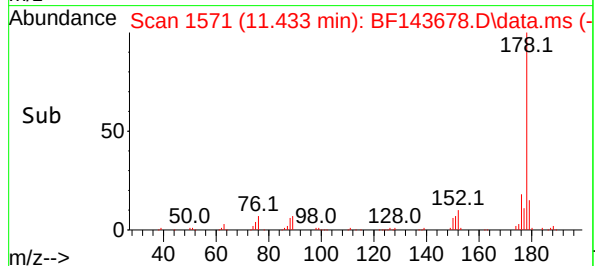
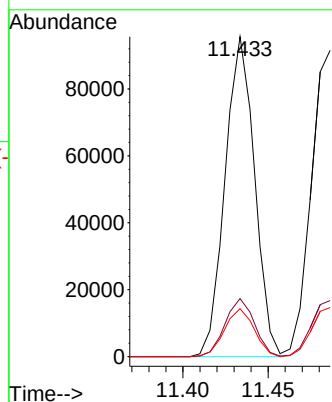
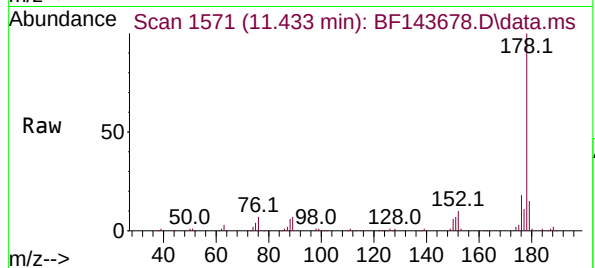




#71
Phenanthrene
Concen: 10.065 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

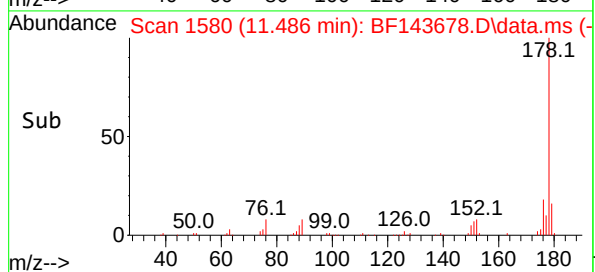
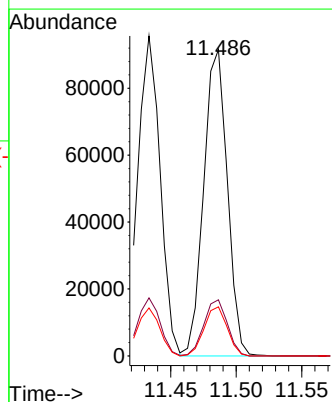
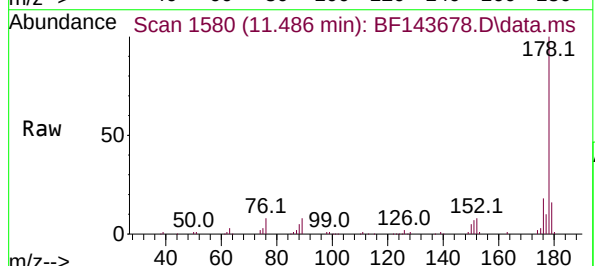
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

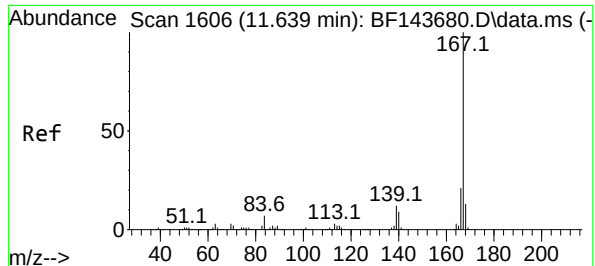
Tgt Ion:178 Resp: 115188
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.0 12.2 18.2



#72
Anthracene
Concen: 9.960 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion:178 Resp: 114618
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 16.0 12.2 18.2

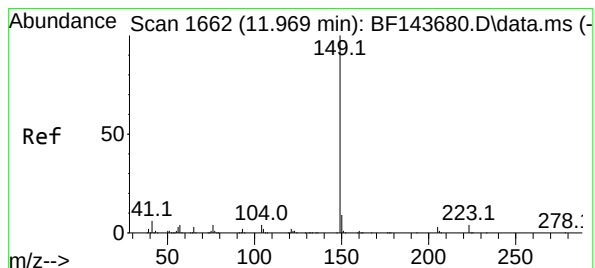
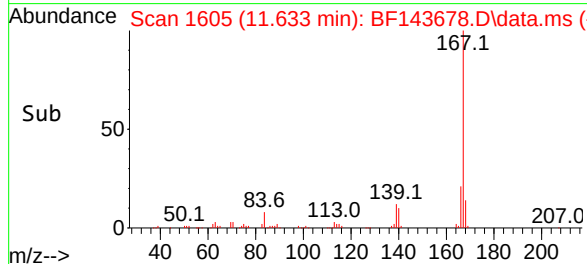
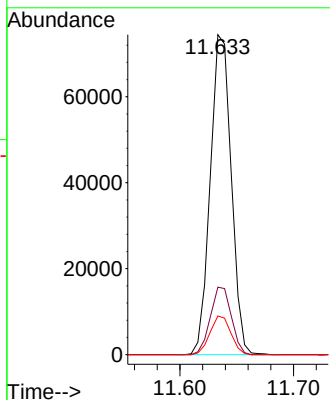
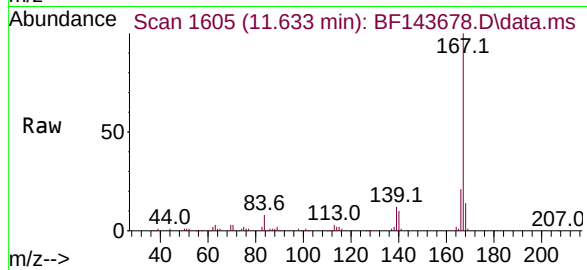




#73
Carbazole
Concen: 10.133 ng
RT: 11.633 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

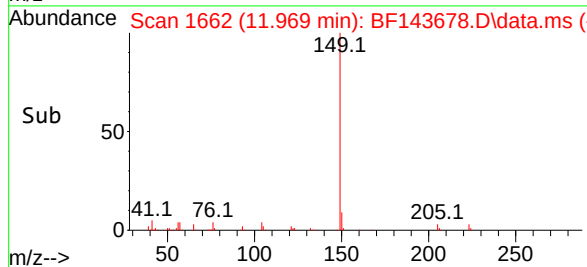
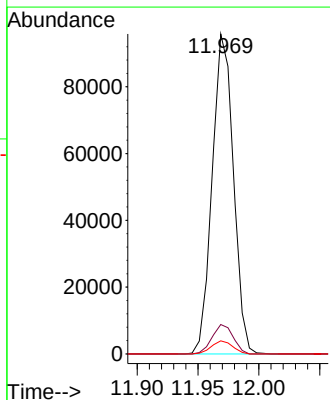
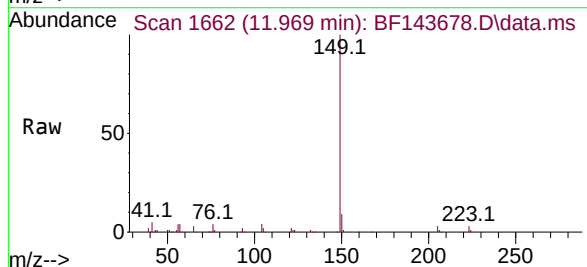
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

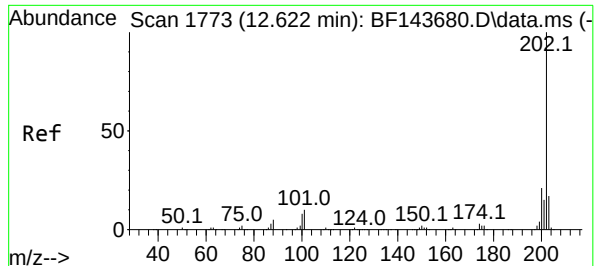
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	12.1	9.7	14.5



#74
Di-n-butylphthalate
Concen: 10.260 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.1	3.3	4.9

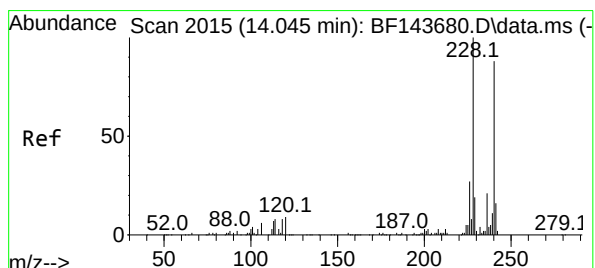
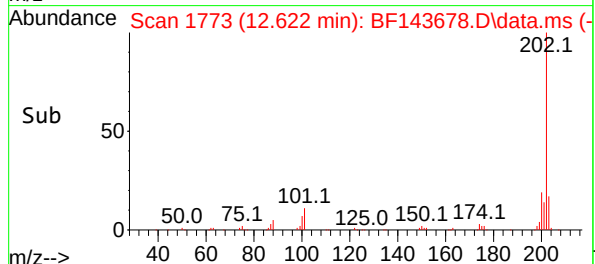
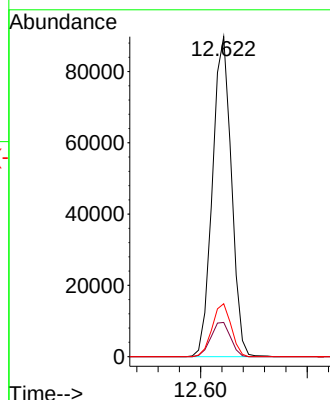
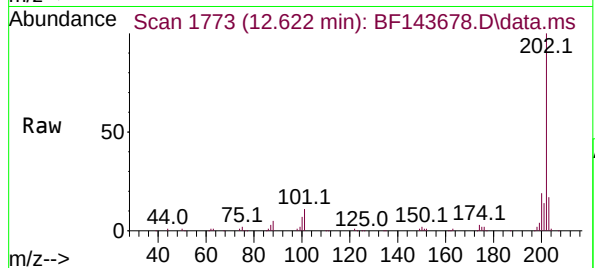




#75
Fluoranthene
Concen: 10.567 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

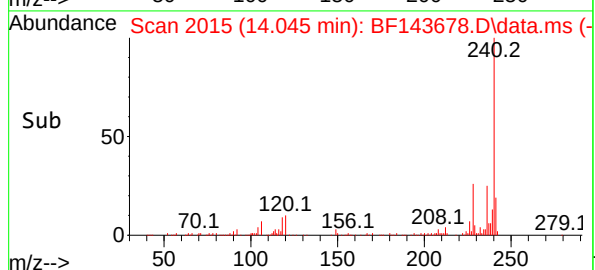
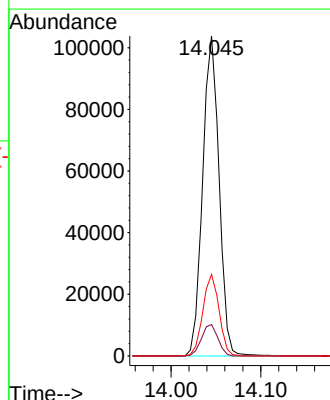
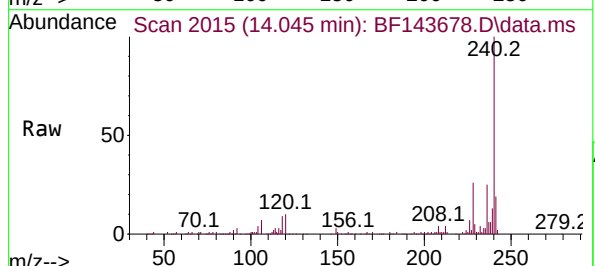
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

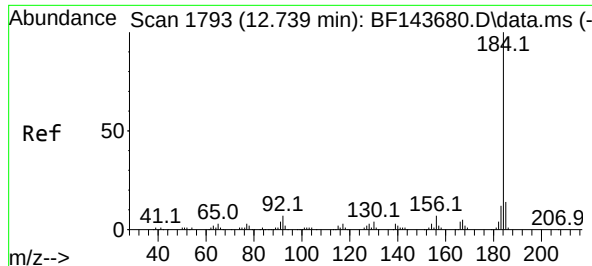
Tgt Ion:202 Resp: 111016
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.5
203 16.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion:240 Resp: 131906
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.5 18.6 28.0





#77

Benzidine

Concen: 9.275 ng

RT: 12.739 min Scan# 1793

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

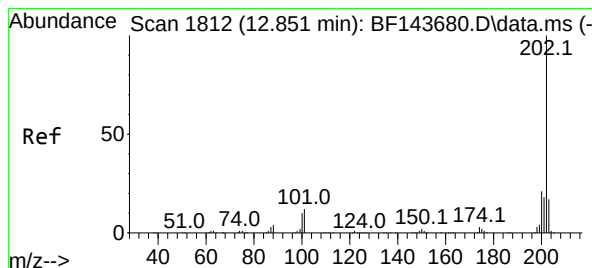
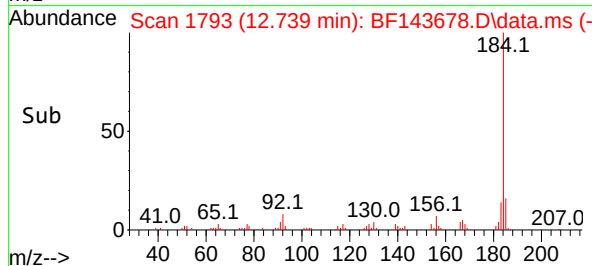
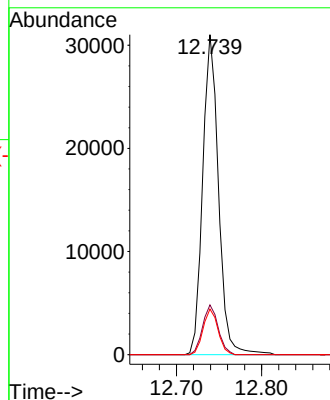
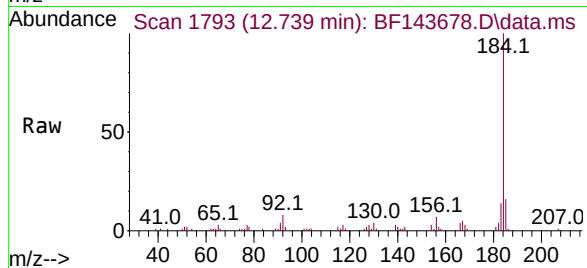
Tgt Ion:184 Resp: 39897

Ion Ratio Lower Upper

184 100

185 15.5 11.5 17.3

183 14.2 9.4 14.2#



#78

Pyrene

Concen: 10.709 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

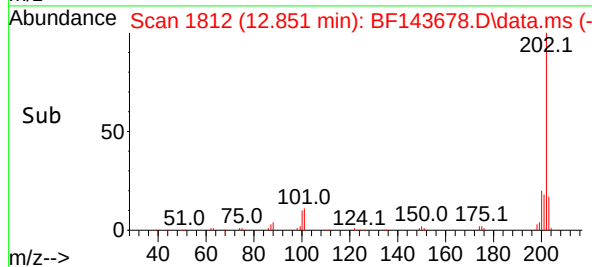
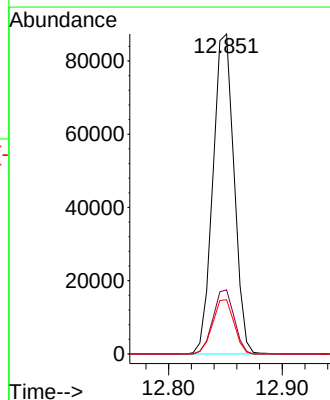
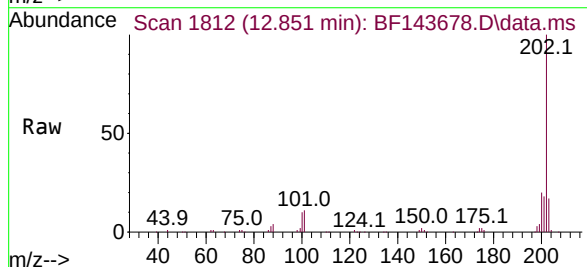
Tgt Ion:202 Resp: 112938

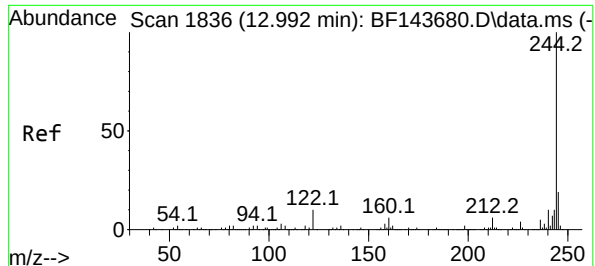
Ion Ratio Lower Upper

202 100

200 20.0 16.6 24.8

203 16.9 13.5 20.3





#79

Terphenyl-d14

Concen: 21.105 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

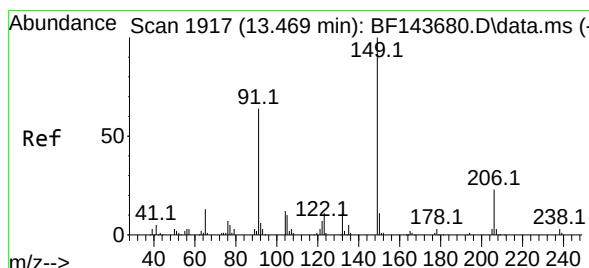
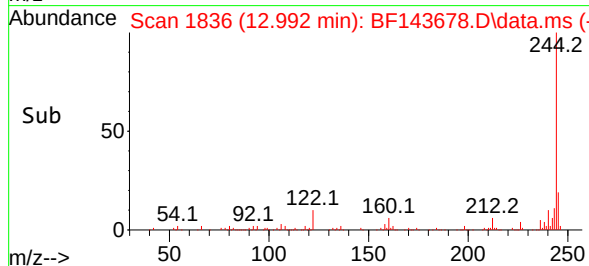
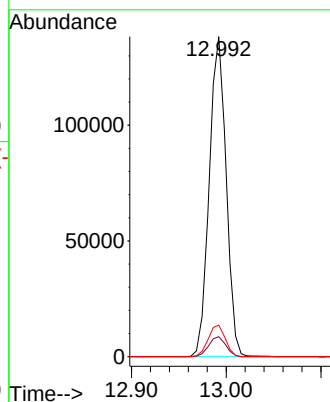
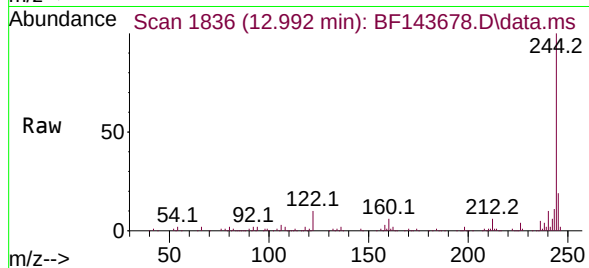
Tgt Ion:244 Resp: 171787

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.6

122 9.8 7.9 11.9



#80

Butylbenzylphthalate

Concen: 9.184 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

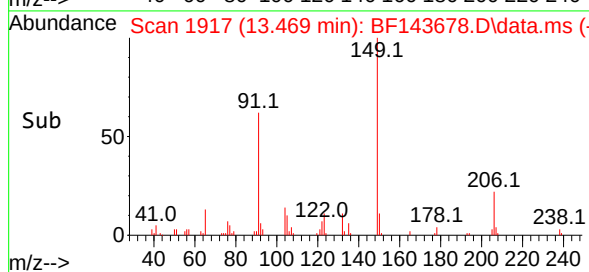
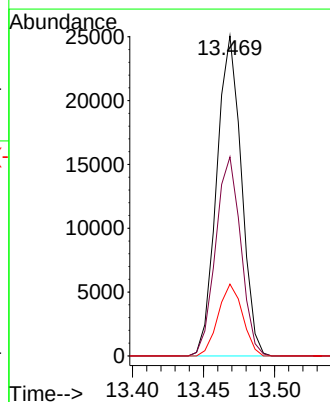
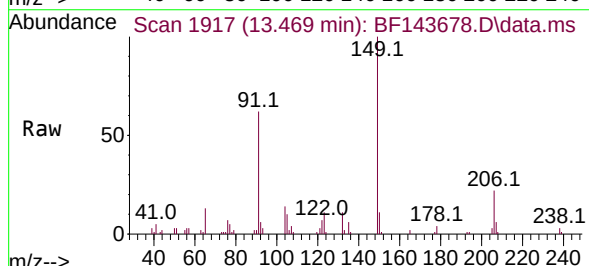
Tgt Ion:149 Resp: 30346

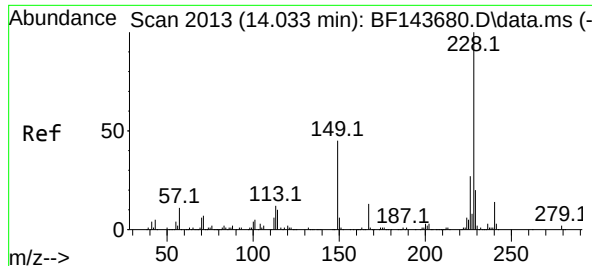
Ion Ratio Lower Upper

149 100

91 62.2 50.9 76.3

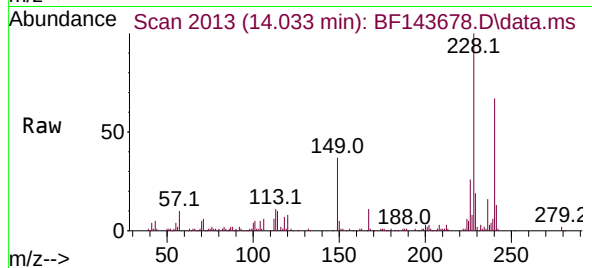
206 22.4 18.2 27.2



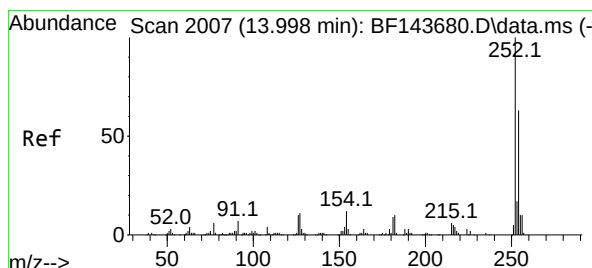
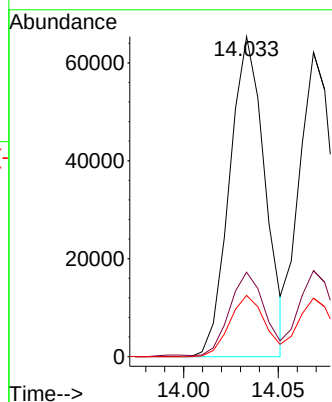
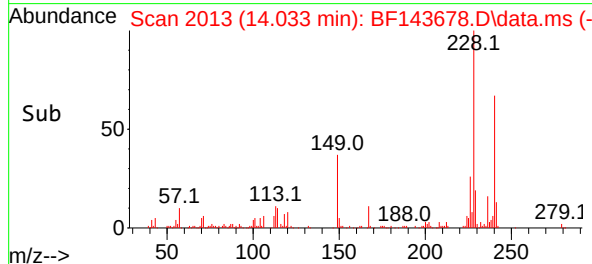


#81
Benzo(a)anthracene
Concen: 10.012 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

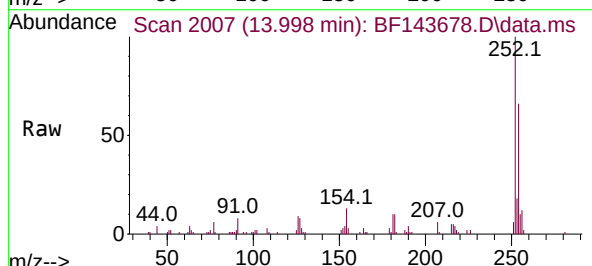
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



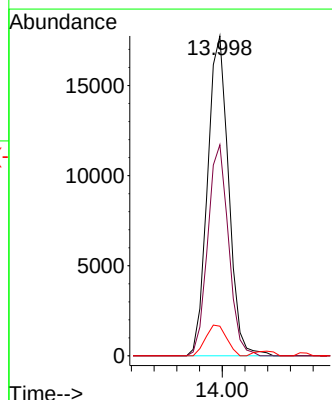
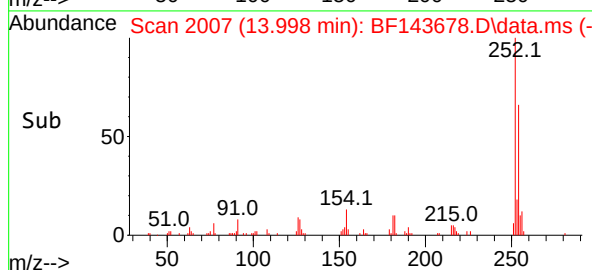
Tgt Ion:228 Resp: 84964
Ion Ratio Lower Upper
228 100
226 26.4 21.6 32.4
229 19.1 15.7 23.5

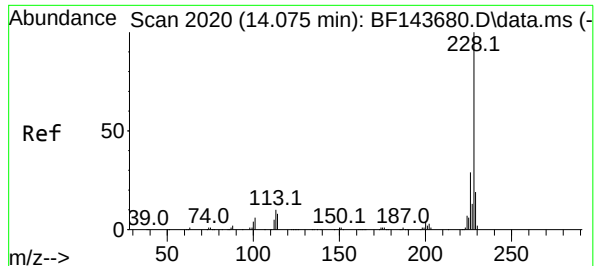


#82
3,3'-Dichlorobenzidine
Concen: 8.770 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10



Tgt Ion:252 Resp: 22897
Ion Ratio Lower Upper
252 100
254 66.0 50.5 75.7
126 9.3 8.2 12.4

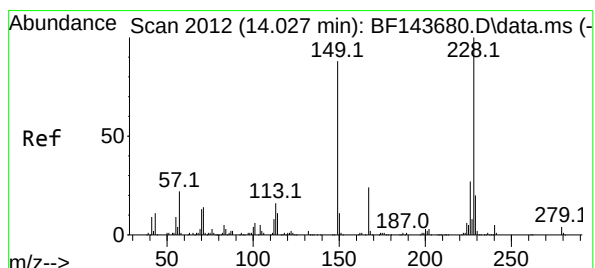
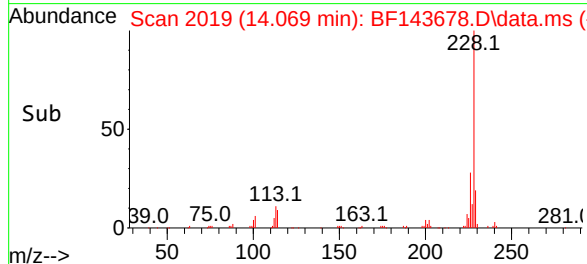
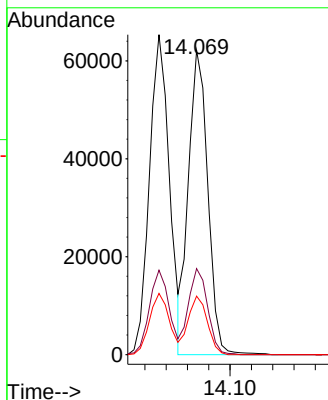
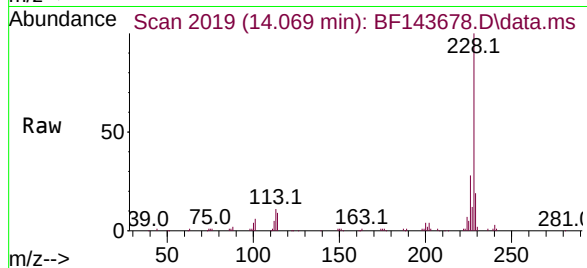




#83
Chrysene
Concen: 10.077 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

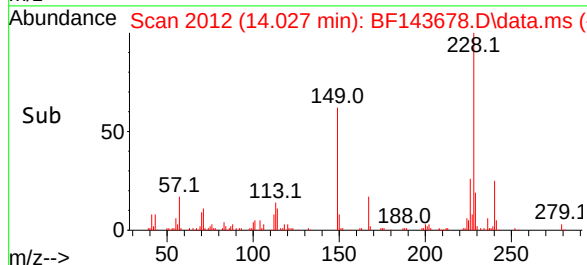
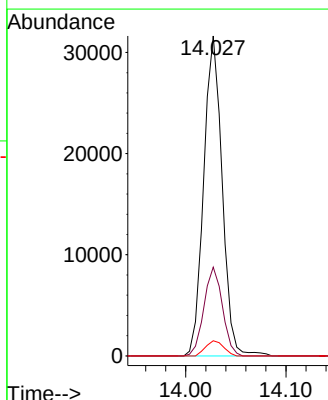
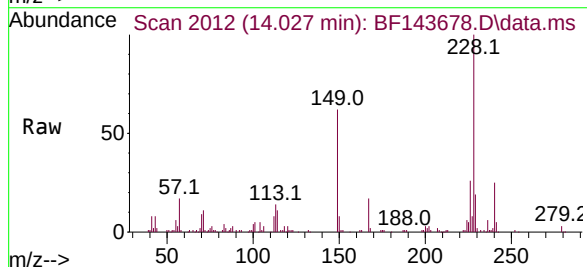
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

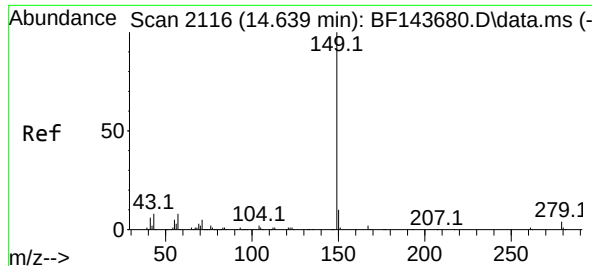
Tgt Ion:228 Resp: 78318
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 19.2 15.1 22.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.551 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion:149 Resp: 40317
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 4.7 3.5 5.3

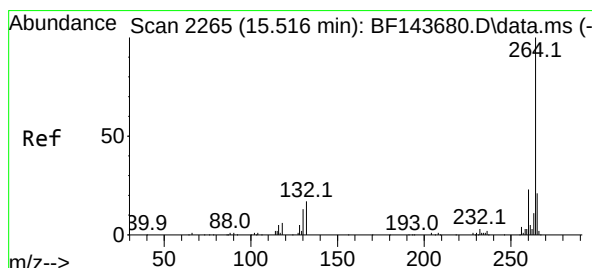
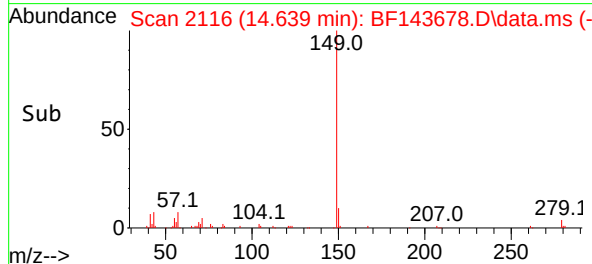
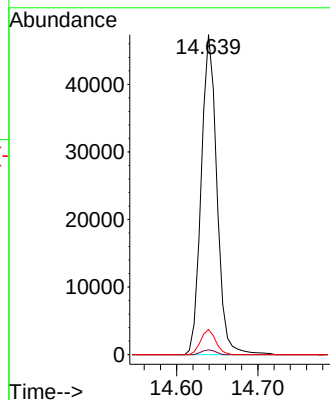
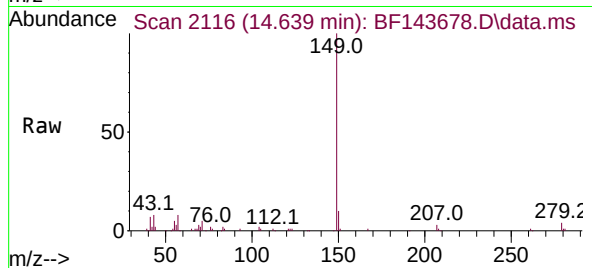




#85
Di-n-octyl phthalate
Concen: 7.520 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

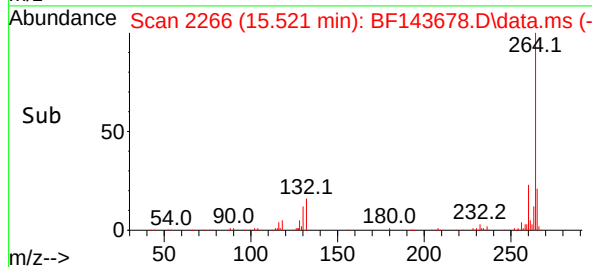
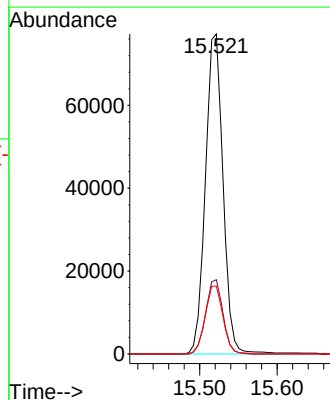
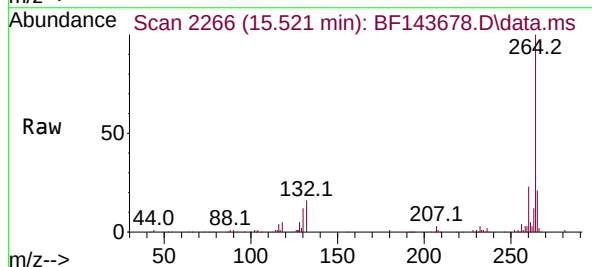
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

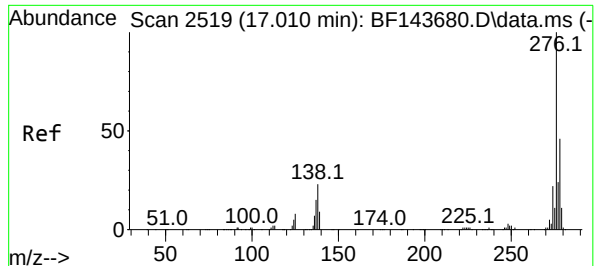
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.2	1.8
43	7.5	6.2	9.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143678.D
Acq: 09 Sep 2025 10:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.2	17.1	25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.453 ng

RT: 16.998 min Scan# 211

Delta R.T. -0.012 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

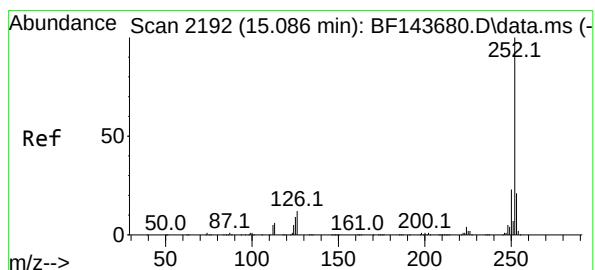
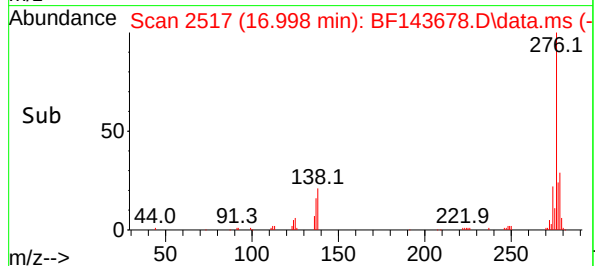
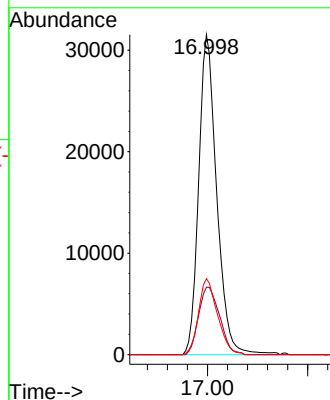
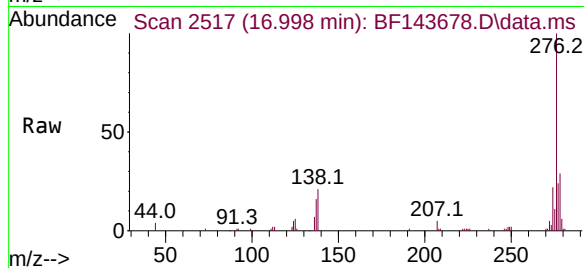
Tgt Ion:276 Resp: 78465

Ion Ratio Lower Upper

276 100

138 24.6 19.7 29.5

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 9.938 ng

RT: 15.080 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

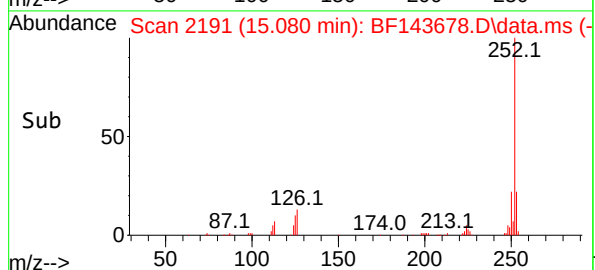
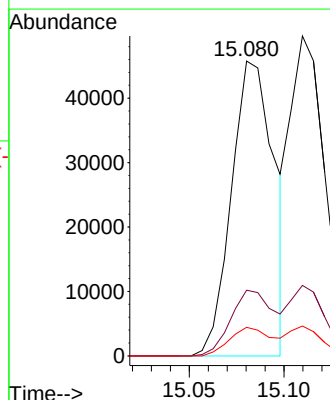
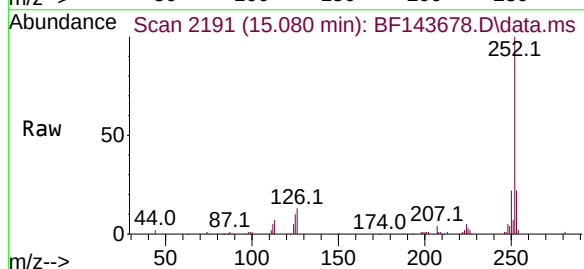
Tgt Ion:252 Resp: 71954

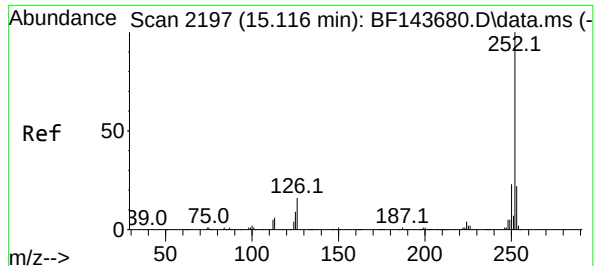
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 9.944 ng

RT: 15.110 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

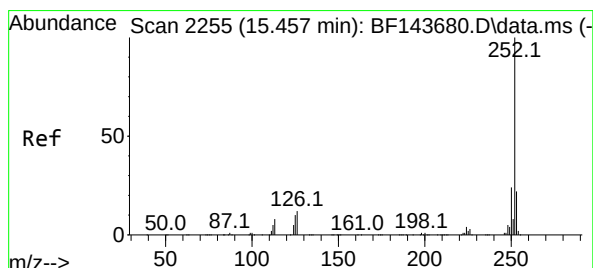
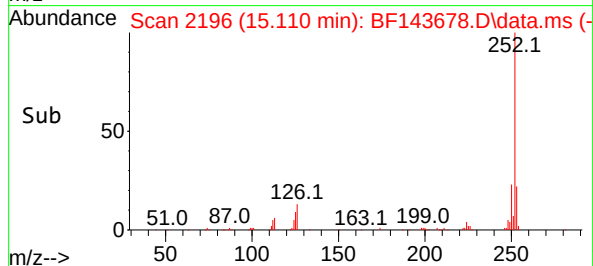
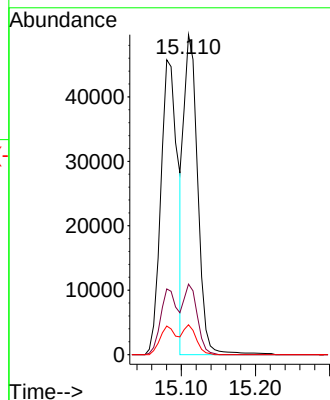
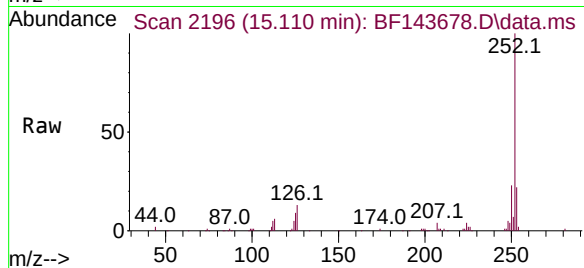
Tgt Ion:252 Resp: 64978

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.3 7.3 10.9



#90

Benzo(a)pyrene

Concen: 9.706 ng

RT: 15.451 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

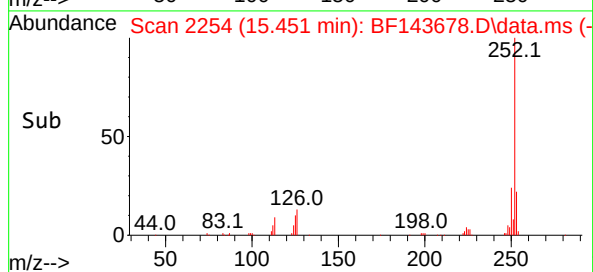
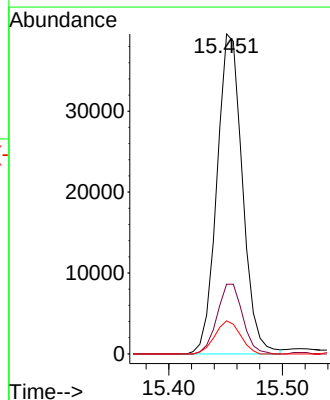
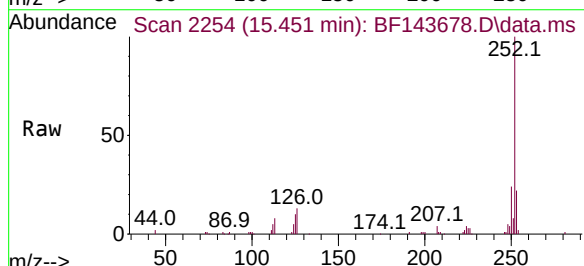
Tgt Ion:252 Resp: 61736

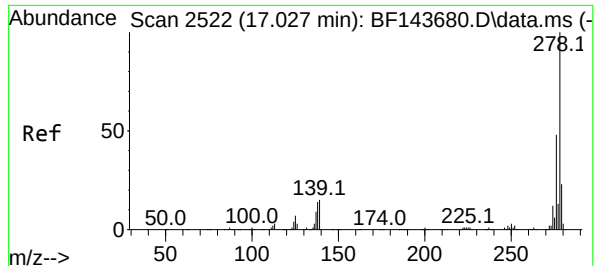
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.3 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 9.400 ng

RT: 17.021 min Scan# 2521

Delta R.T. -0.006 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

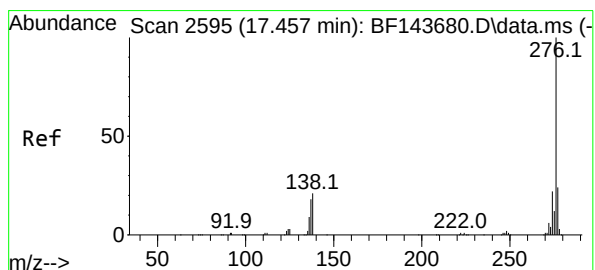
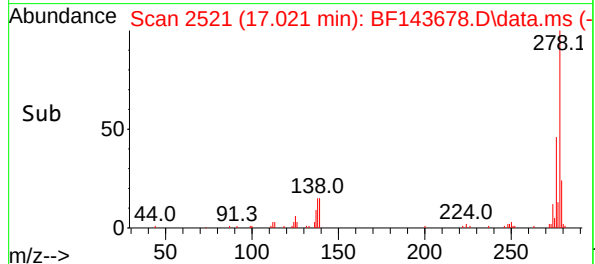
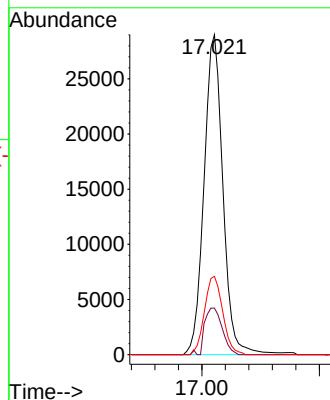
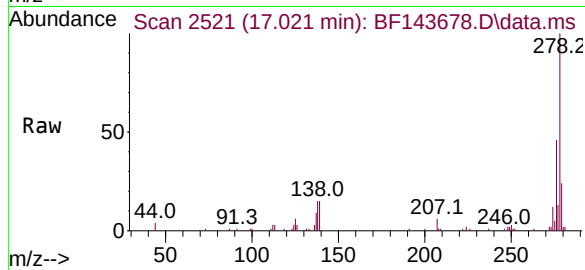
Tgt Ion:278 Resp: 64736

Ion Ratio Lower Upper

278 100

139 14.5 12.2 18.4

279 24.5 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 9.366 ng

RT: 17.445 min Scan# 2593

Delta R.T. -0.012 min

Lab File: BF143678.D

Acq: 09 Sep 2025 10:10

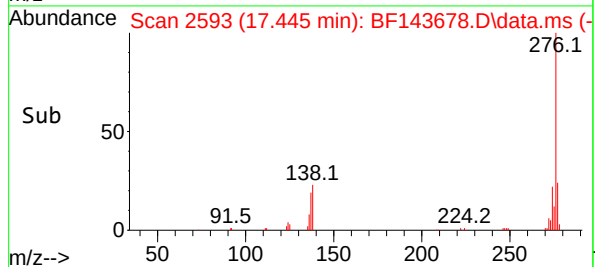
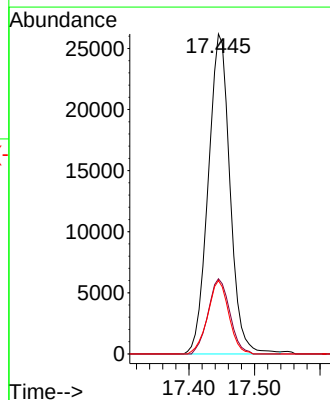
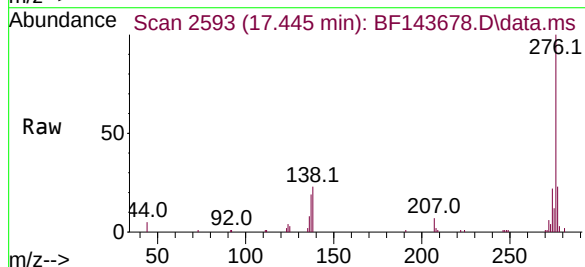
Tgt Ion:276 Resp: 60330

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 22.9 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143679.D
 Acq On : 09 Sep 2025 10:39
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:25:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	51759	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	200551	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	112988	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	185175	20.000	ng	0.00
76) Chrysene-d12	14.045	240	115456	20.000	ng	0.00
86) Perylene-d12	15.521	264	117544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	124977	41.196	ng	0.00
7) Phenol-d6	6.504	99	153629	41.591	ng	0.00
23) Nitrobenzene-d5	7.445	82	131653	40.832	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	48468	42.566	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	308716	41.274	ng	0.00
79) Terphenyl-d14	12.992	244	296135	41.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	27755	20.510	ng	99
3) Pyridine	3.434	79	70975	20.304	ng	95
4) n-Nitrosodimethylamine	3.369	42	26857	20.226	ng	95
6) Aniline	6.551	93	99293	20.296	ng	100
8) 2-Chlorophenol	6.669	128	67137	20.491	ng	98
9) Benzaldehyde	6.439	77	44806	15.034	ng	99
10) Phenol	6.516	94	83341	20.411	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	62534	20.506	ng	99
12) 1,3-Dichlorobenzene	6.834	146	76843	20.507	ng	97
13) 1,4-Dichlorobenzene	6.910	146	78263	20.692	ng	99
14) 1,2-Dichlorobenzene	7.057	146	72296	20.242	ng	98
15) Benzyl Alcohol	7.022	79	55349	20.599	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	82156	20.592	ng	99
17) 2-Methylphenol	7.128	107	54318	20.609	ng	99
18) Hexachloroethane	7.404	117	24927	20.402	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	47677	21.016	ng	99
20) 3+4-Methylphenols	7.281	107	71152	20.500	ng	92
22) Acetophenone	7.292	105	92408	20.402	ng	99
24) Nitrobenzene	7.469	77	69021	20.645	ng	98
25) Isophorone	7.704	82	125784	20.345	ng	100
26) 2-Nitrophenol	7.786	139	32862	19.992	ng	98
27) 2,4-Dimethylphenol	7.816	122	58327	19.766	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	76956	20.254	ng	99
29) 2,4-Dichlorophenol	8.022	162	61224	20.625	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	62242	20.240	ng	98
31) Naphthalene	8.192	128	200925	20.238	ng	99
32) Benzoic acid	7.886	122	32355m	17.972	ng	
33) 4-Chloroaniline	8.233	127	70979	20.537	ng	98
34) Hexachlorobutadiene	8.310	225	41282	20.581	ng	98
35) Caprolactam	8.580	113	15671	19.836	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	59249	20.243	ng	98
37) 2-Methylnaphthalene	8.880	142	138476	20.376	ng	99
38) 1-Methylnaphthalene	8.980	142	132313	20.287	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	67509	20.870	ng	99
41) Hexachlorocyclopentadiene	9.039	237	32658	19.666	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	45798	21.203	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143679.D
 Acq On : 09 Sep 2025 10:39
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:25:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	42661	19.428	ng	97
46) 1,1'-Biphenyl	9.345	154	170247	20.930	ng	99
47) 2-Chloronaphthalene	9.369	162	132606	20.795	ng	100
48) 2-Nitroaniline	9.463	65	34775	20.607	ng	99
49) Acenaphthylene	9.786	152	189590	20.755	ng	100
50) Dimethylphthalate	9.639	163	150319	20.448	ng	100
51) 2,6-Dinitrotoluene	9.704	165	29023	20.649	ng	97
52) Acenaphthene	9.957	154	129597	20.589	ng	99
53) 3-Nitroaniline	9.869	138	30714	20.305	ng	97
54) 2,4-Dinitrophenol	9.969	184	10941	19.052	ng	# 1
55) Dibenzofuran	10.127	168	186539	20.609	ng	100
56) 4-Nitrophenol	10.010	139	24583	20.428	ng	99
57) 2,4-Dinitrotoluene	10.104	165	39667	20.736	ng	95
58) Fluorene	10.474	166	147019	20.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	36636	20.577	ng	98
60) Diethylphthalate	10.345	149	142360	20.627	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	74802	20.817	ng	97
62) 4-Nitroaniline	10.480	138	30144	21.041	ng	97
63) Azobenzene	10.622	77	125055	20.496	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	17425	18.482	ng	97
66) n-Nitrosodiphenylamine	10.580	169	124787	20.570	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	45665	20.450	ng	99
68) Hexachlorobenzene	11.016	284	47505	20.147	ng	95
69) Atrazine	11.104	200	40086	21.075	ng	96
70) Pentachlorophenol	11.210	266	27910	19.581	ng	97
71) Phenanthrene	11.433	178	209980	20.581	ng	99
72) Anthracene	11.486	178	212686	20.732	ng	99
73) Carbazole	11.639	167	174552	20.775	ng	100
74) Di-n-butylphthalate	11.968	149	207739	20.537	ng	99
75) Fluoranthene	12.621	202	197089	21.042	ng	100
77) Benzidine	12.739	184	69388	18.430	ng	98
78) Pyrene	12.851	202	196937	21.334	ng	100
80) Butylbenzylphthalate	13.468	149	59872	20.700	ng	99
81) Benzo(a)anthracene	14.033	228	151517	20.399	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	45683	19.992	ng	98
83) Chrysene	14.068	228	142412	20.934	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	82925	20.094	ng	99
85) Di-n-octyl phthalate	14.639	149	142412	19.257	ng	99
87) Indeno(1,2,3-cd)pyrene	17.003	276	165403	20.618	ng	99
88) Benzo(b)fluoranthene	15.086	252	137629	19.669	ng	99
89) Benzo(k)fluoranthene	15.115	252	133771	21.183	ng	99
90) Benzo(a)pyrene	15.456	252	124377	20.233	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	137209	20.615	ng	98
92) Benzo(g,h,i)perylene	17.450	276	127434	20.470	ng	99

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

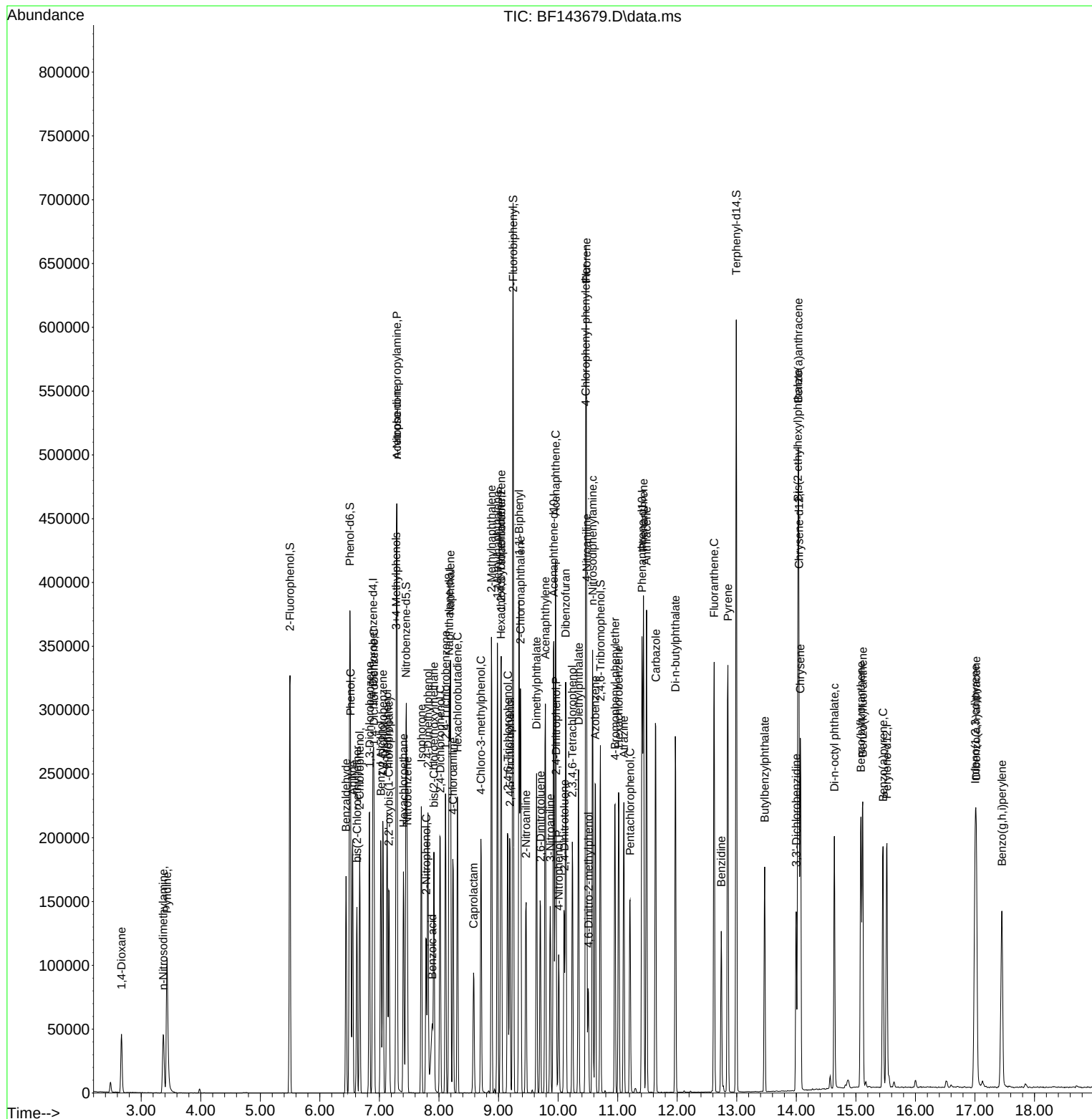
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Data File : BF143679.D
Acq On : 09 Sep 2025 10:39
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

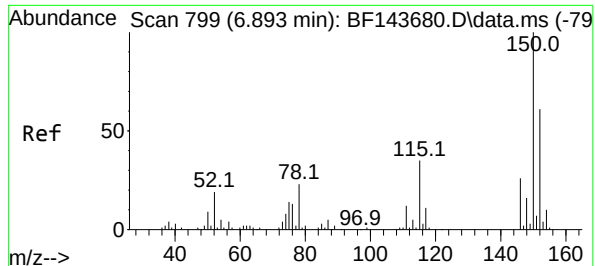
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

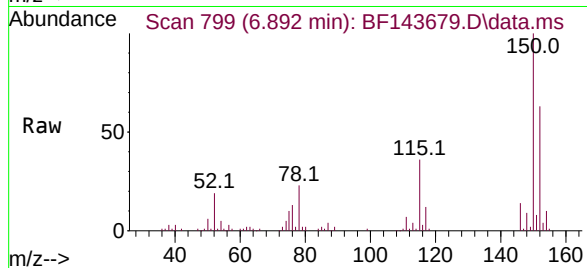
Quant Time: Sep 09 15:25:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

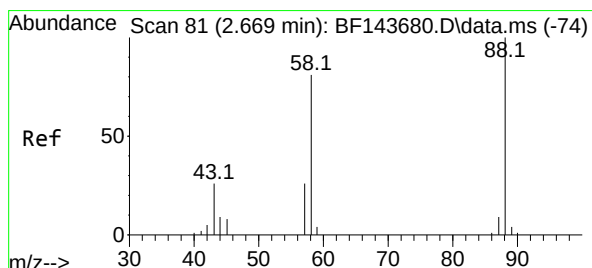
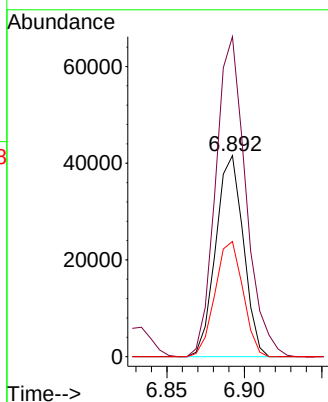
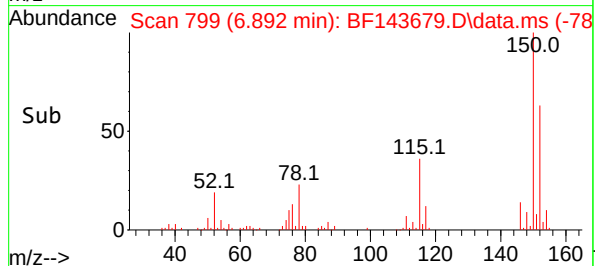
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



Tgt Ion:152 Resp: 51759
Ion Ratio Lower Upper
152 100
150 159.2 130.7 196.1
115 57.2 45.9 68.9

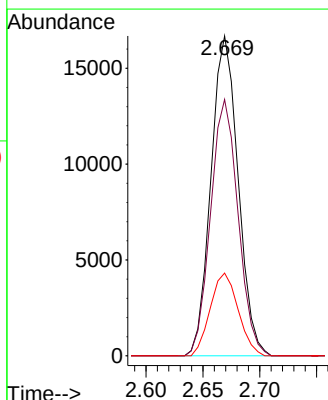
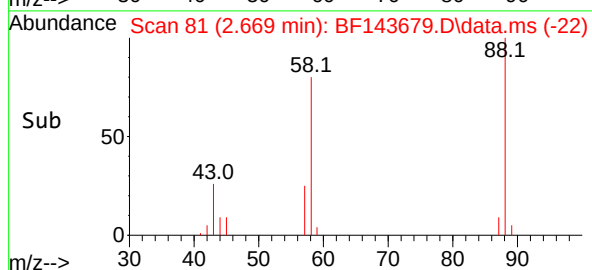
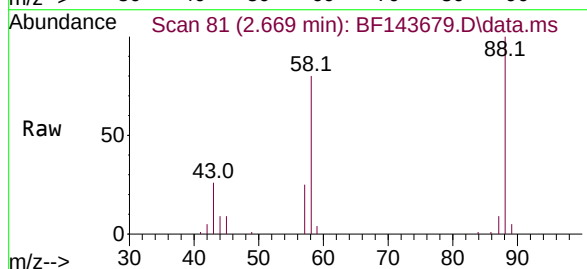
Manual Integrations
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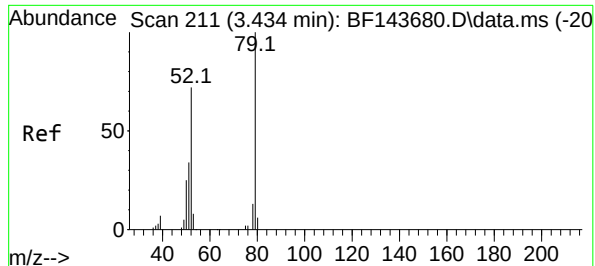
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#2
1,4-Dioxane
Concen: 20.510 ng
RT: 2.669 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Tgt Ion: 88 Resp: 27755
Ion Ratio Lower Upper
88 100
58 81.1 65.8 98.6
43 26.6 20.6 31.0





#3

Pyridine

Concen: 20.304 ng

RT: 3.434 min Scan# 211

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

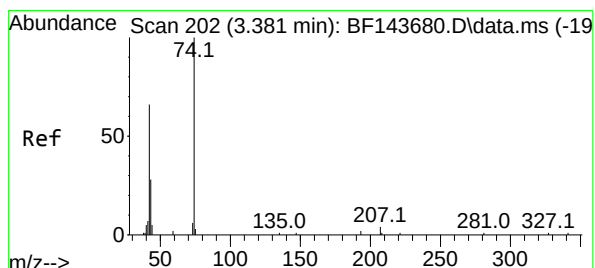
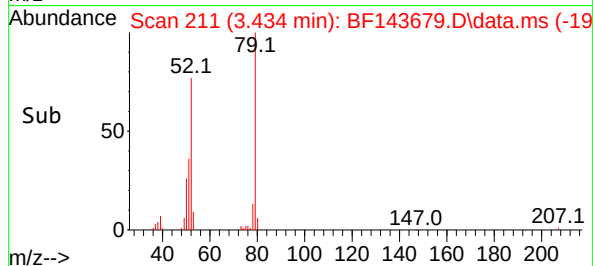
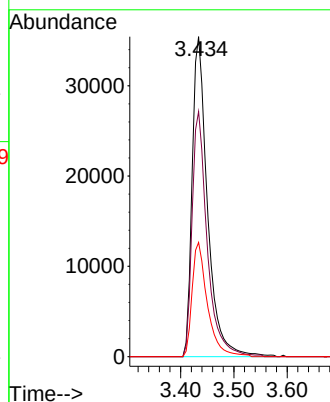
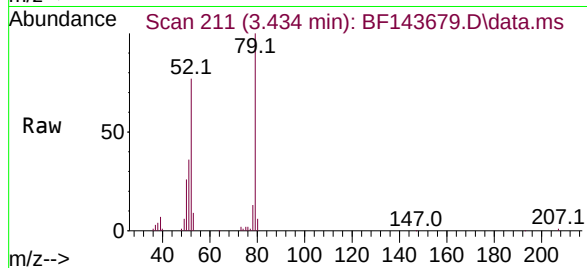
SSTDICC020

Tgt Ion:	79	Resp:	70975
Ion	Ratio	Lower	Upper
79	100		
52	76.6	57.2	85.8
51	35.7	27.0	40.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#4

n-Nitrosodimethylamine

Concen: 20.226 ng

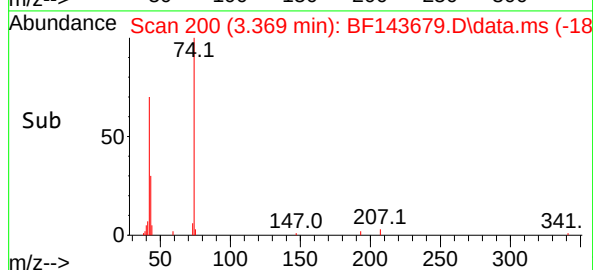
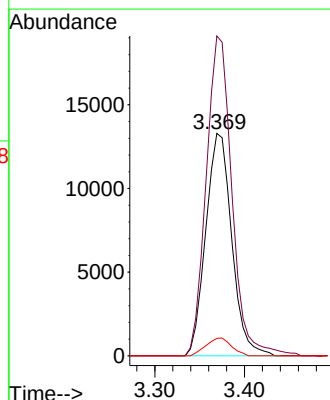
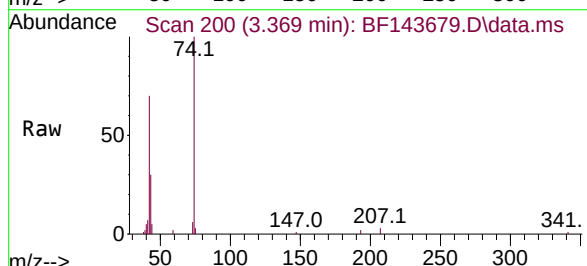
RT: 3.369 min Scan# 200

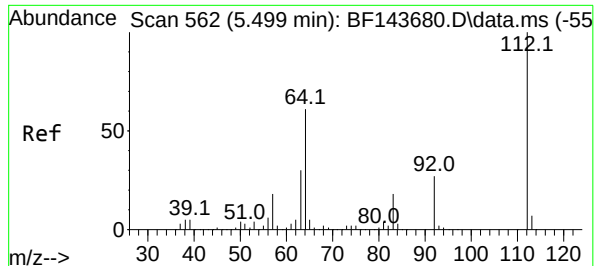
Delta R.T. -0.012 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Tgt Ion:	42	Resp:	26857
Ion	Ratio	Lower	Upper
42	100		
74	143.8	120.9	181.3
44	7.9	6.5	9.7





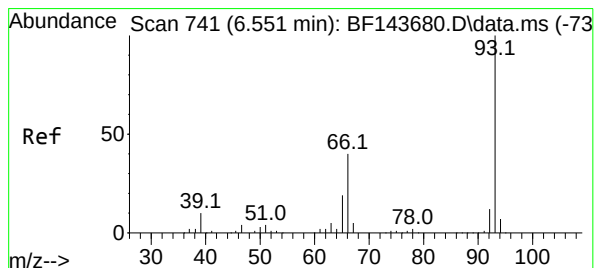
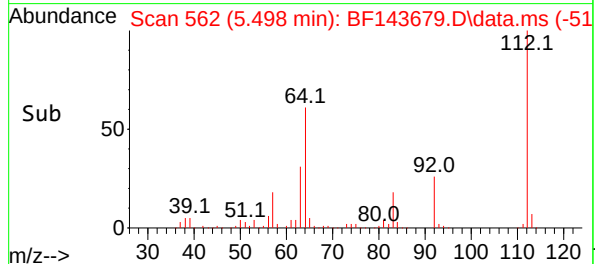
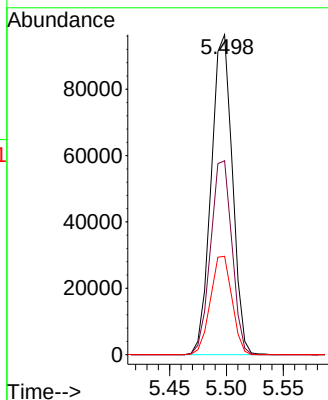
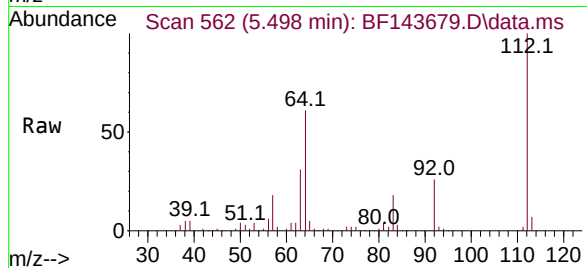
#5
2-Fluorophenol
Concen: 41.196 ng
RT: 5.498 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 124972
Ion Ratio Lower Upper
112 100
64 60.6 49.0 73.4
63 30.7 24.3 36.5

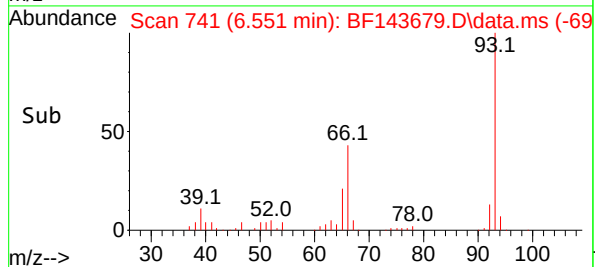
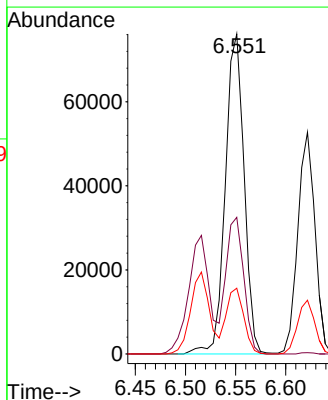
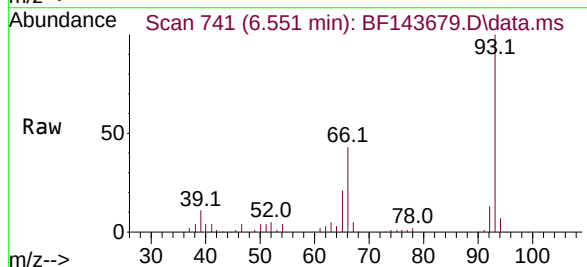
Manual Integrations
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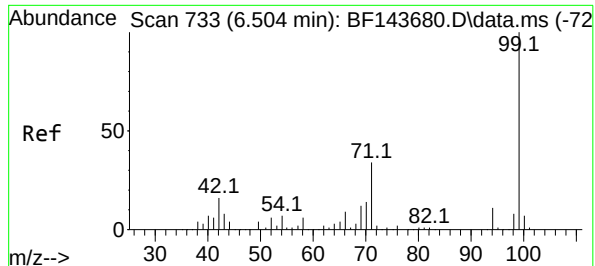
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#6
Aniline
Concen: 20.296 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

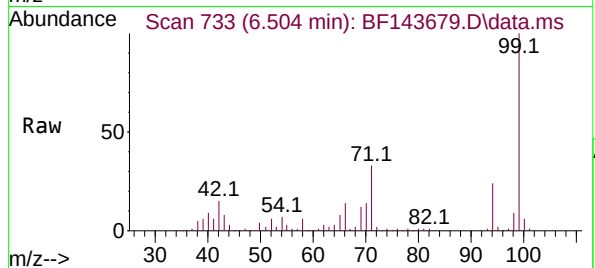
Tgt Ion: 93 Resp: 99293
Ion Ratio Lower Upper
93 100
66 42.7 34.1 51.1
65 20.5 16.1 24.1





#7
Phenol-d6
Concen: 41.591 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

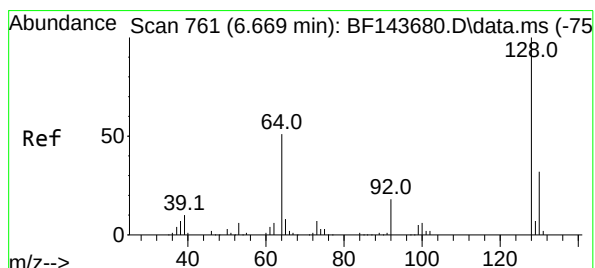
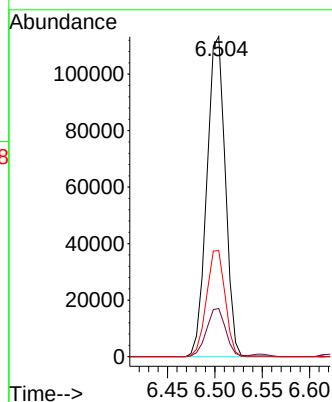
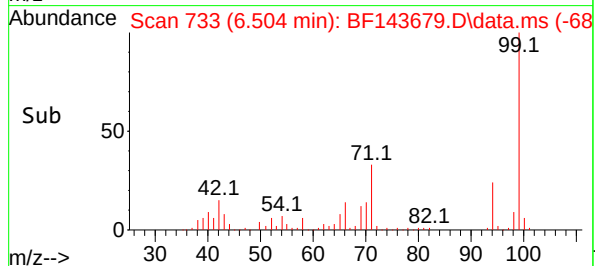
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 153629
Ion Ratio Lower Upper
99 100
42 15.0 13.0 19.4
71 33.2 27.4 41.2

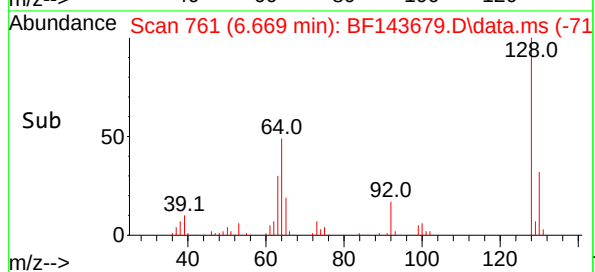
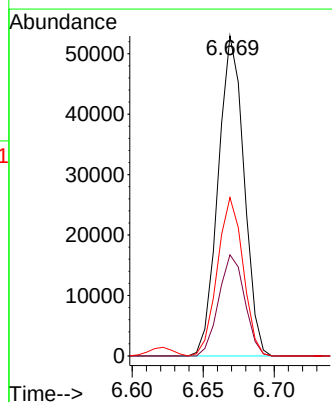
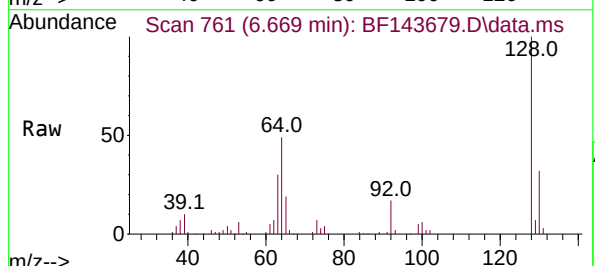
Manual Integrations
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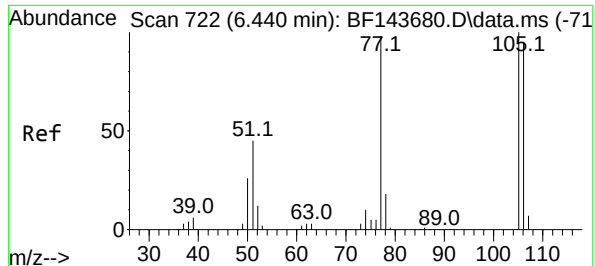
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#8
2-Chlorophenol
Concen: 20.491 ng
RT: 6.669 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Tgt Ion:128 Resp: 67137
Ion Ratio Lower Upper
128 100
130 31.6 12.0 52.0
64 49.5 31.9 71.9



#9
Benzaldehyde

Concen: 15.034 ng

RT: 6.439 min Scan# 722

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 44806

Ion Ratio Lower Upper

77 100

105 103.5 81.7 121.7

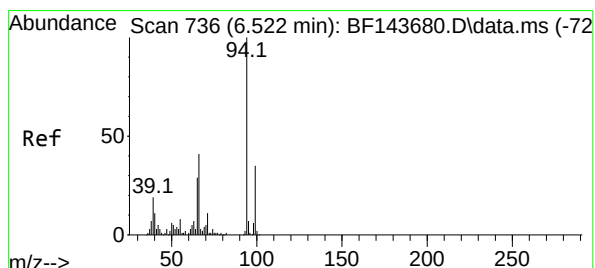
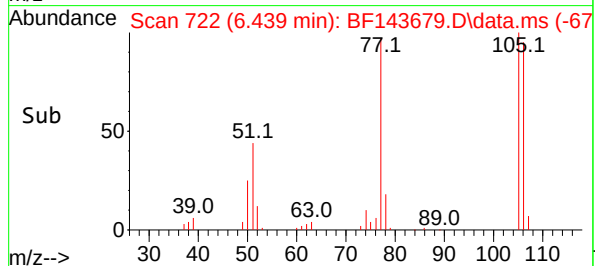
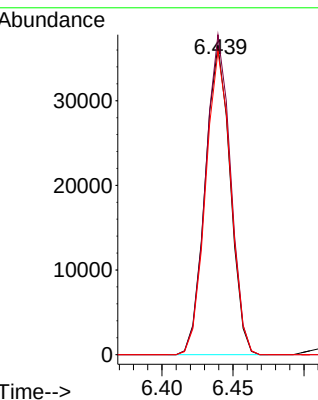
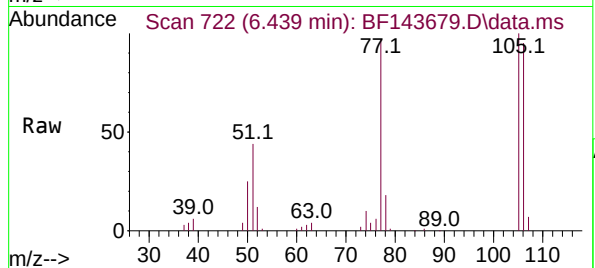
106 98.0 76.9 116.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#10

Phenol

Concen: 20.411 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

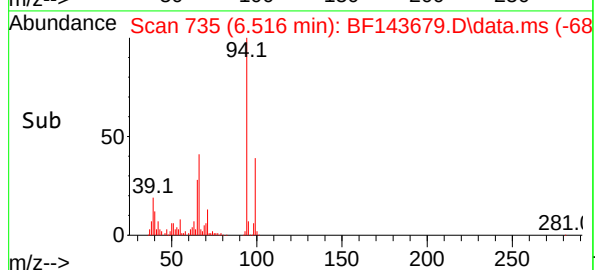
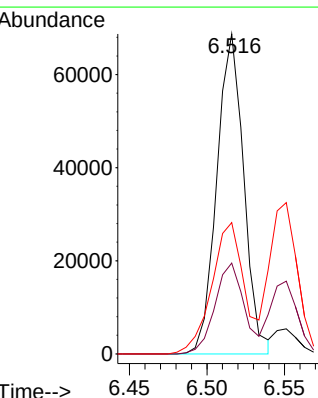
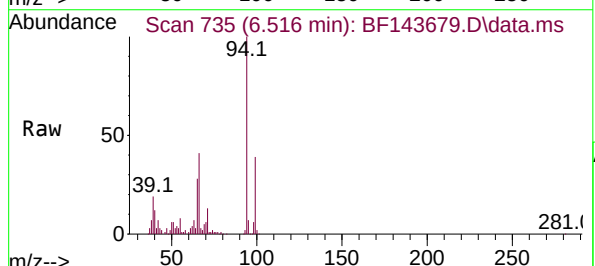
Tgt Ion: 94 Resp: 83341

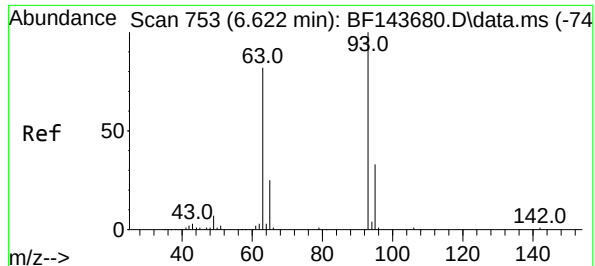
Ion Ratio Lower Upper

94 100

65 28.4 9.1 49.1

66 41.0 20.8 60.8





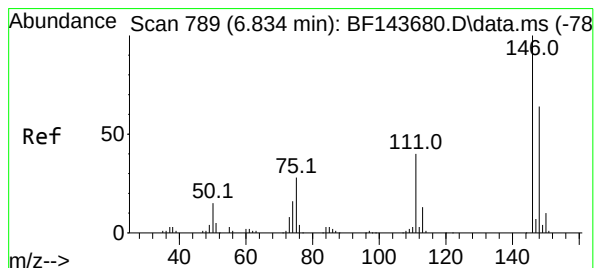
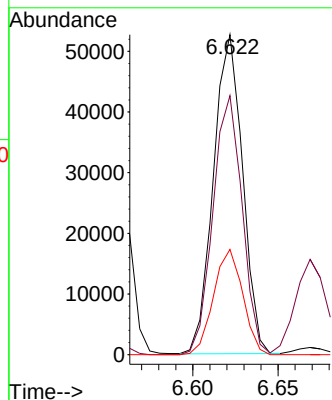
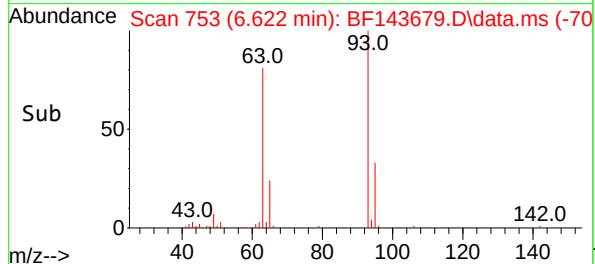
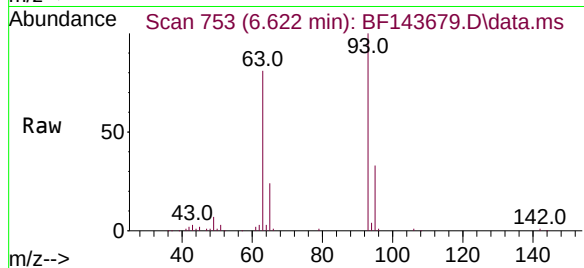
#11
bis(2-Chloroethyl)ether
Concen: 20.506 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 62534
Ion Ratio Lower Upper
93 100
63 80.9 61.8 101.8
95 32.9 12.6 52.6

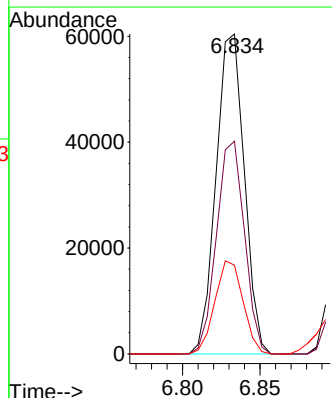
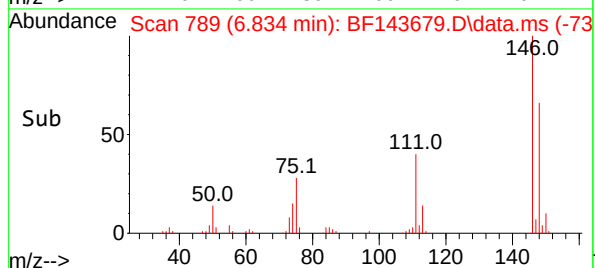
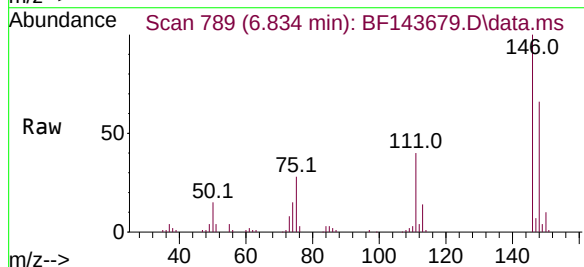
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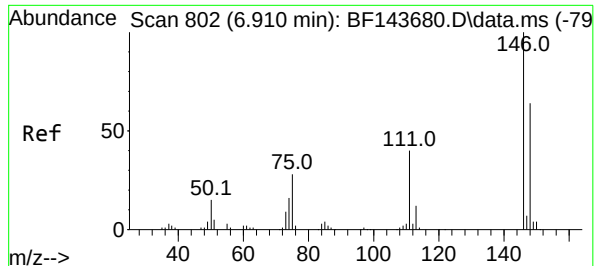
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#12
1,3-Dichlorobenzene
Concen: 20.507 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Tgt Ion:146 Resp: 76843
Ion Ratio Lower Upper
146 100
148 66.5 51.0 76.4
75 27.7 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 20.692 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 78263

Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

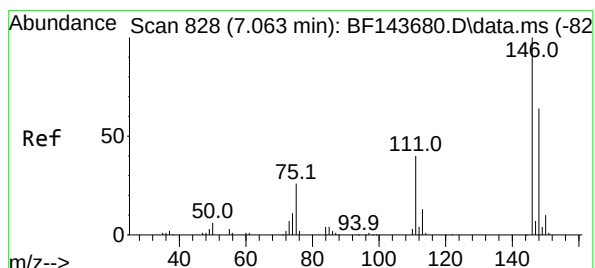
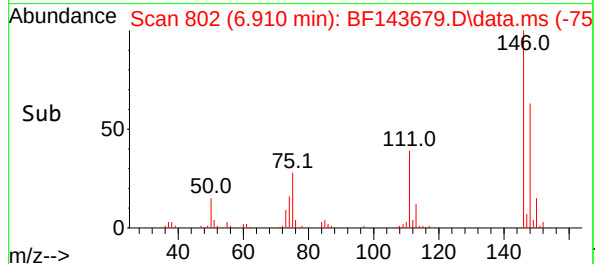
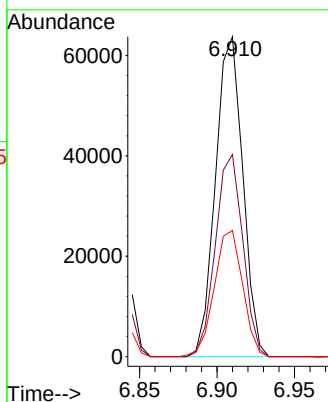
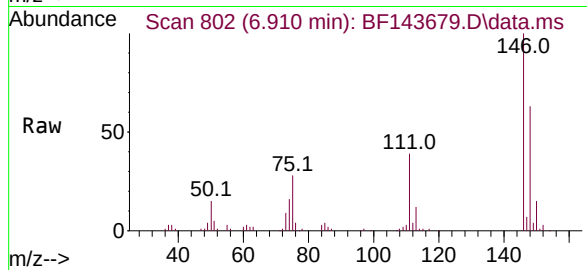
111 39.4 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#14

1,2-Dichlorobenzene

Concen: 20.242 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

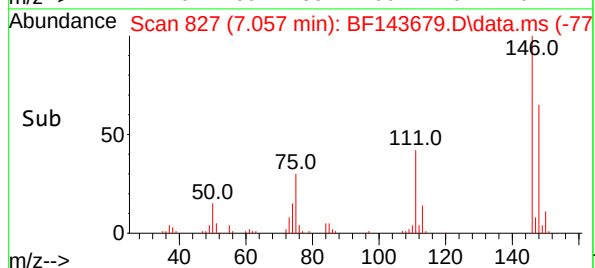
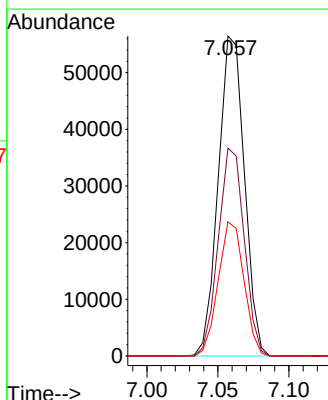
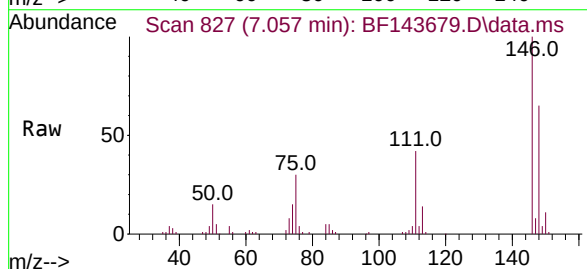
Tgt Ion:146 Resp: 72296

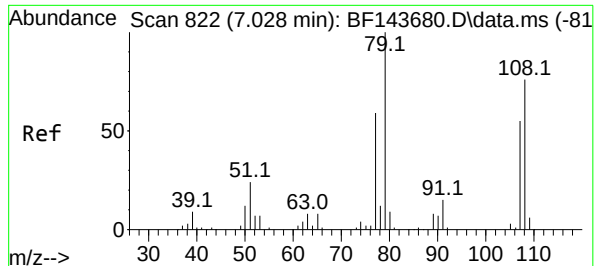
Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.4

111 41.9 32.3 48.5





#15

Benzyl Alcohol

Concen: 20.599 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

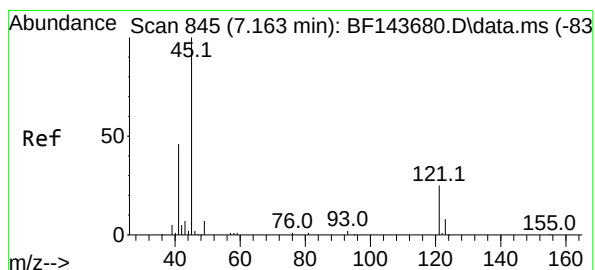
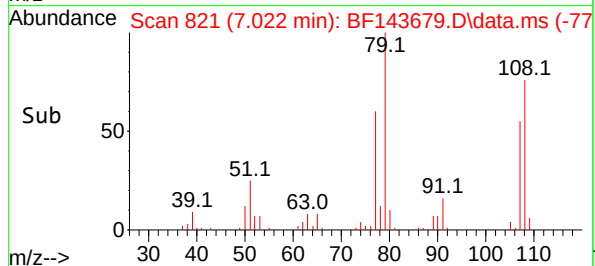
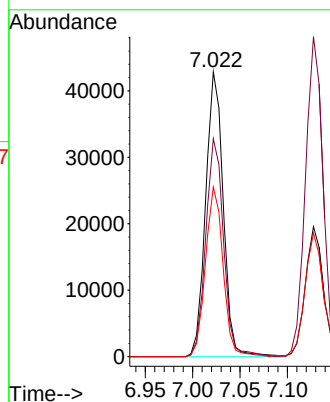
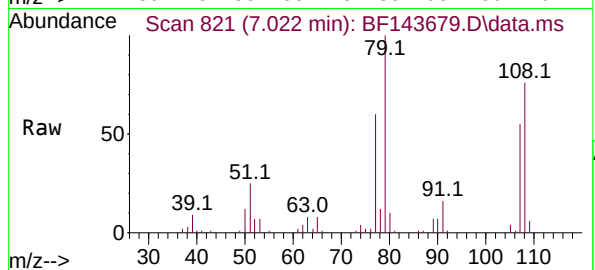
SSTDICC020

Tgt Ion:	79	Resp:	55349
Ion	Ratio	Lower	Upper
79	100		
108	76.5	60.9	91.3
77	59.6	47.4	71.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.592 ng

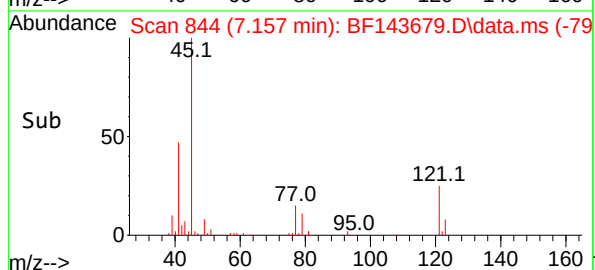
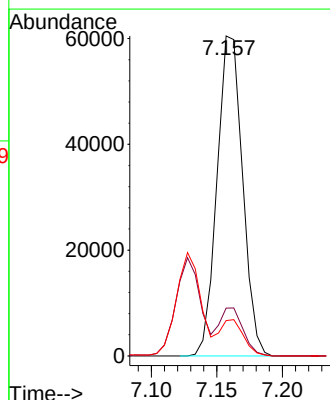
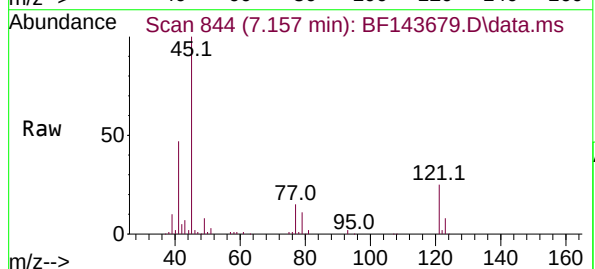
RT: 7.157 min Scan# 844

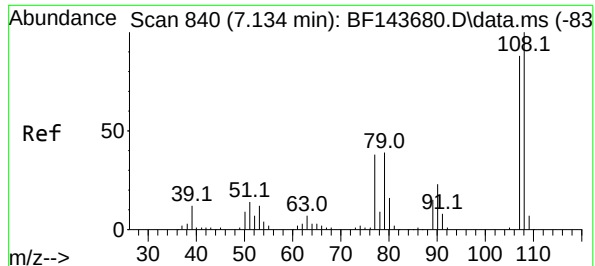
Delta R.T. -0.006 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

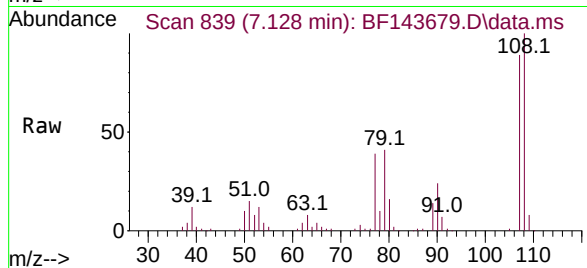
Tgt Ion:	45	Resp:	82156
Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.6
79	11.0	0.0	31.3





#17
2-Methylphenol
Concen: 20.609 ng
RT: 7.128 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

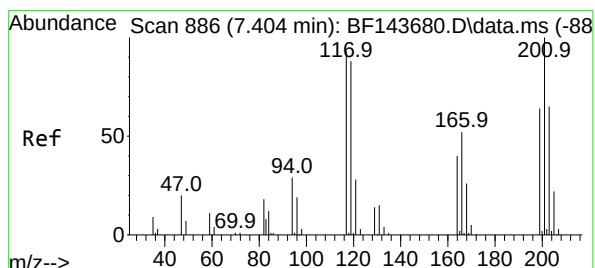
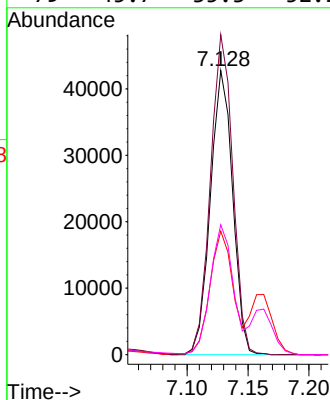
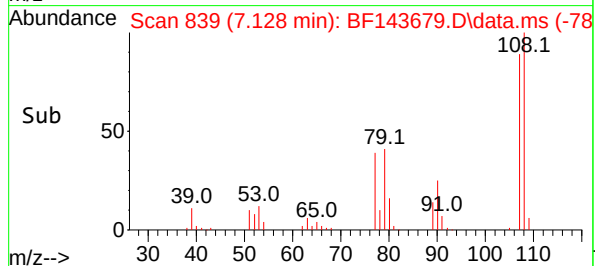
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



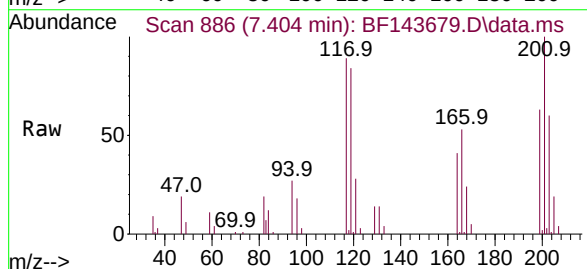
Tgt Ion:107 Resp: 54318
Ion Ratio Lower Upper
107 100
108 112.6 90.9 136.3
77 43.4 34.4 51.6
79 45.7 35.3 52.9

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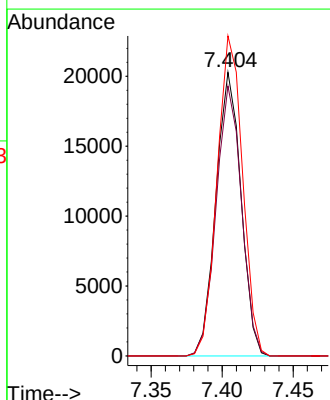
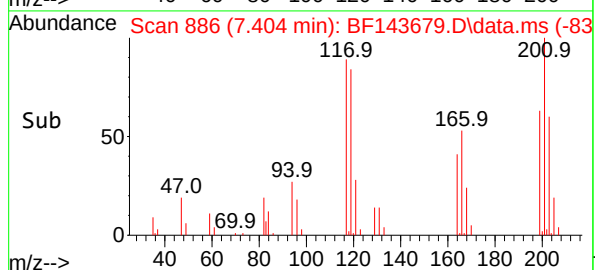
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

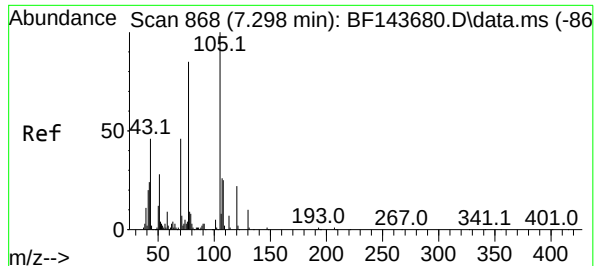


#18
Hexachloroethane
Concen: 20.402 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39



Tgt Ion:117 Resp: 24927
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.2
201 112.8 86.4 129.6





#19

n-Nitroso-di-n-propylamine

Concen: 21.016 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 4767

Ion Ratio Lower Upper

70 100

42 51.3 41.4 62.2

101 8.9 8.1 12.1

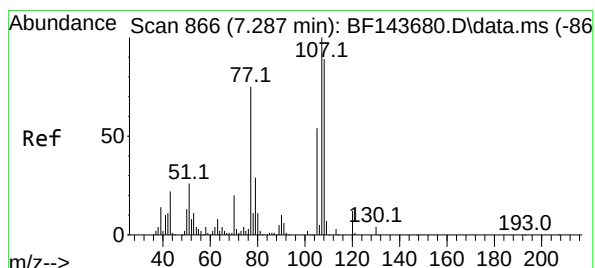
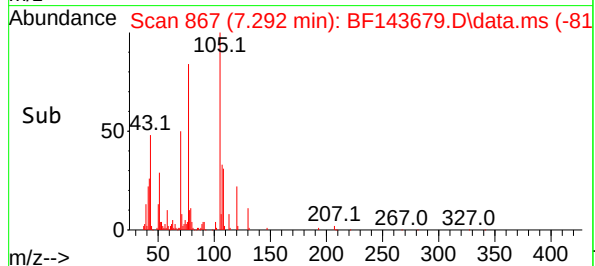
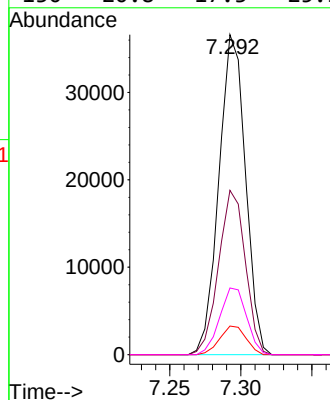
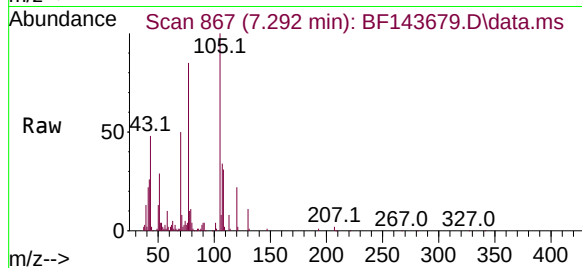
130 20.8 17.3 25.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#20

3+4-Methylphenols

Concen: 20.500 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Tgt Ion:107 Resp: 71152

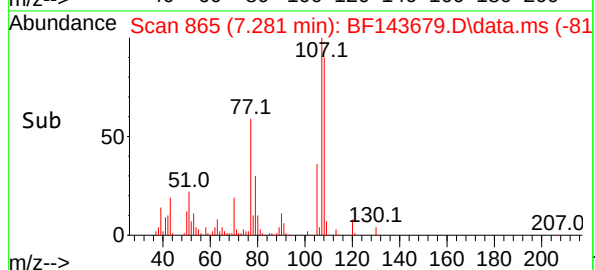
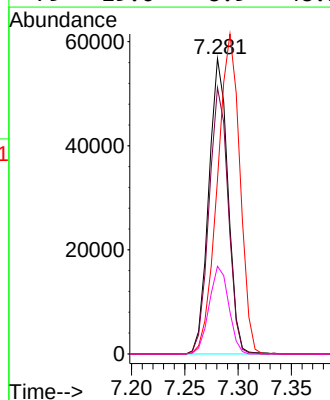
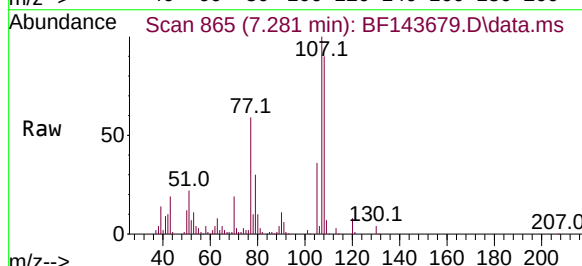
Ion Ratio Lower Upper

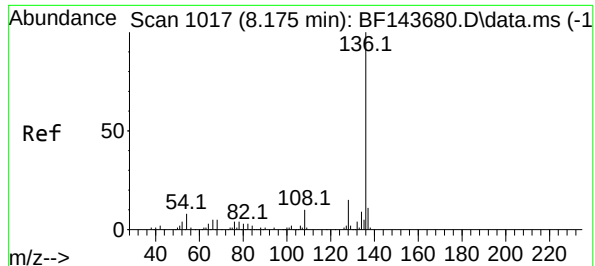
107 100

108 90.1 68.6 108.6

77 59.0 54.6 94.6

79 29.6 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

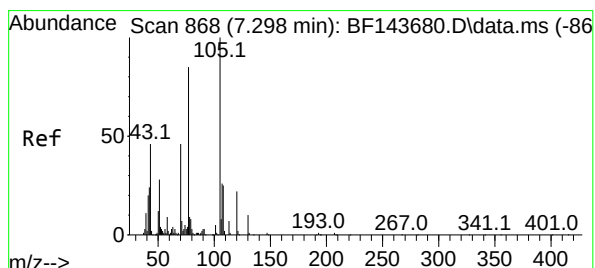
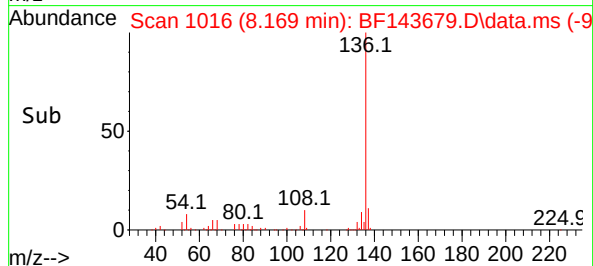
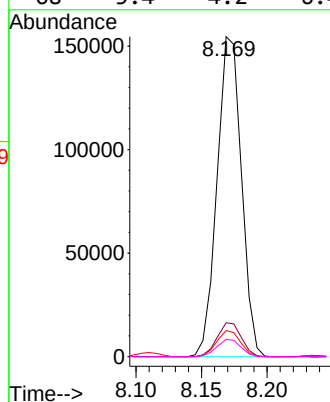
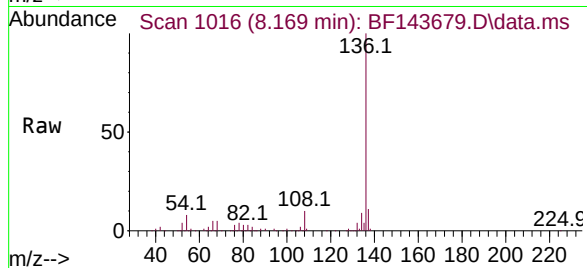
SSTDICC020

Tgt Ion:136	Resp: 20055
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 8.1	6.2 9.2
68 5.4	4.2 6.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#22

Acetophenone

Concen: 20.402 ng

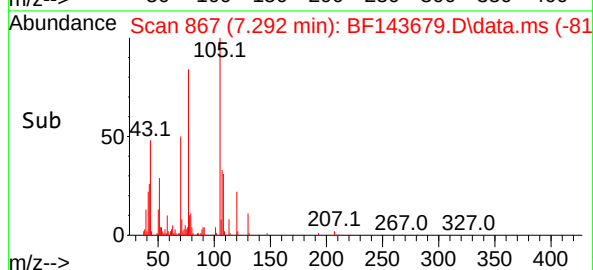
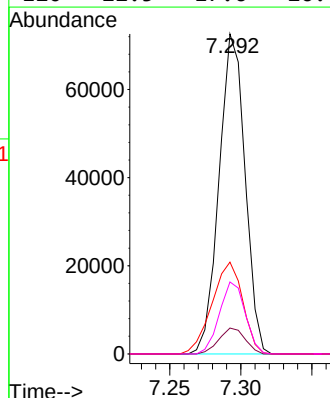
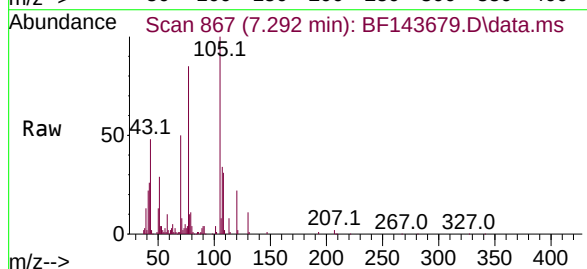
RT: 7.292 min Scan# 867

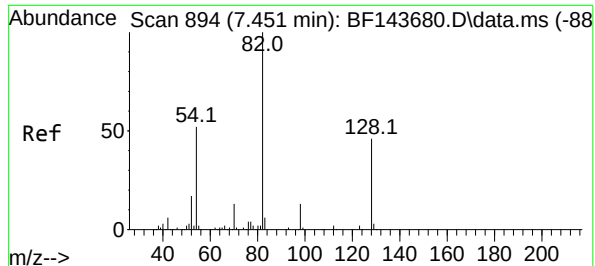
Delta R.T. -0.006 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

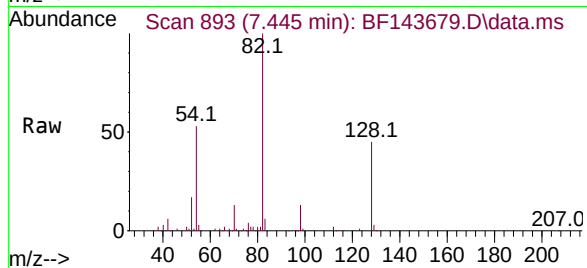
Tgt Ion:105	Resp: 92408
Ion Ratio	Lower Upper
105 100	
71 8.1	5.9 8.9
51 28.7	22.4 33.6
120 22.5	17.6 26.4





#23
Nitrobenzene-d5
Concen: 40.832 ng
RT: 7.445 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

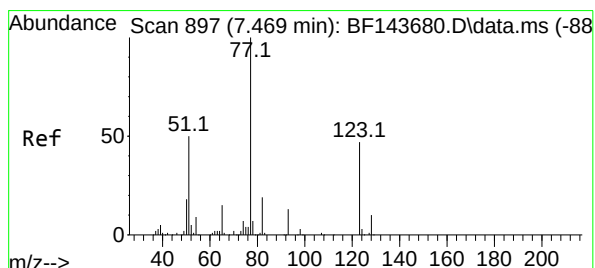
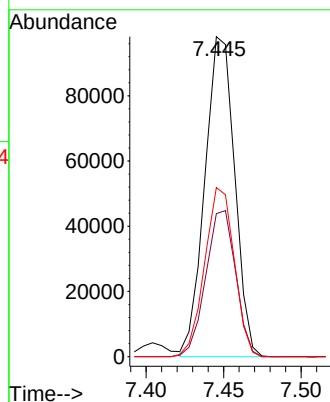
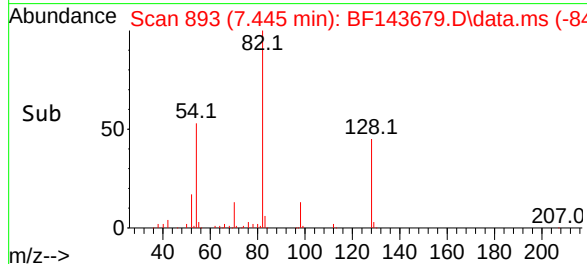
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 131653
Ion Ratio Lower Upper
82 100
128 44.7 37.0 55.4
54 52.8 41.8 62.8

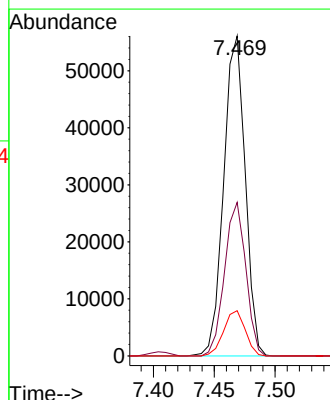
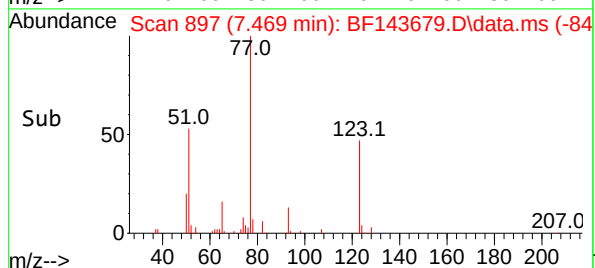
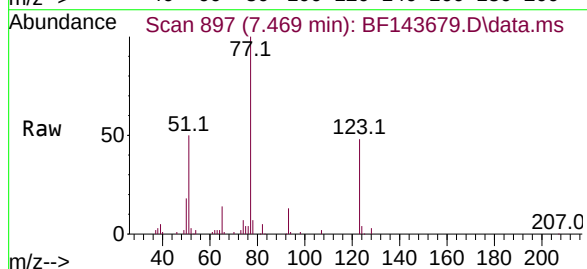
Manual Integrations
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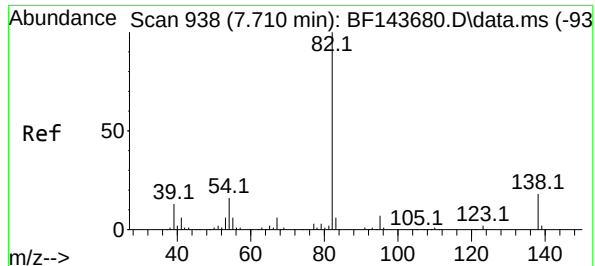
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#24
Nitrobenzene
Concen: 20.645 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

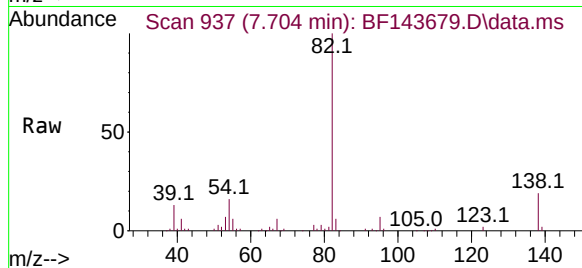
Tgt Ion: 77 Resp: 69021
Ion Ratio Lower Upper
77 100
123 48.0 37.4 56.0
65 14.1 11.6 17.4





#25
Isophorone
Concen: 20.345 ng
RT: 7.704 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

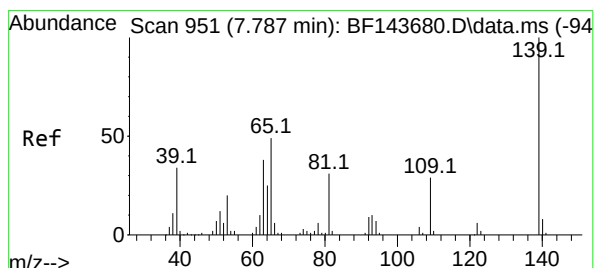
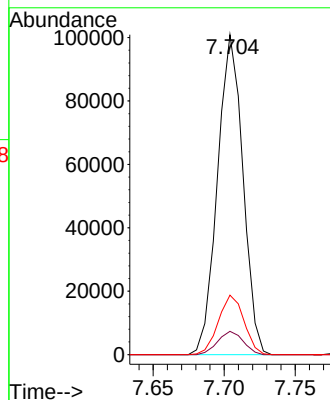
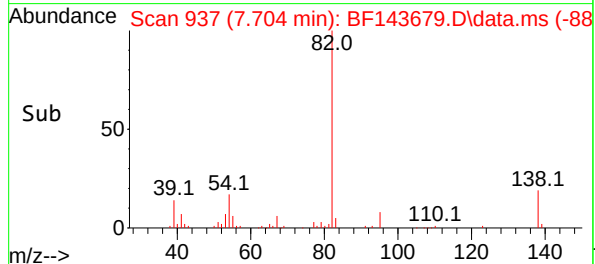
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



Tgt Ion: 82 Resp: 125784
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.6 14.8 22.2

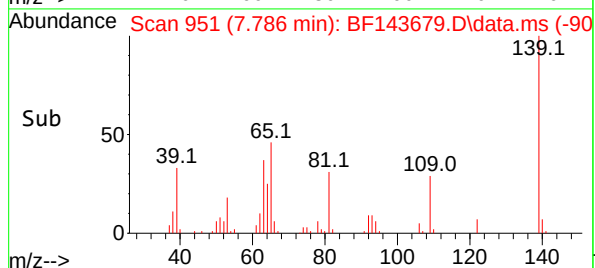
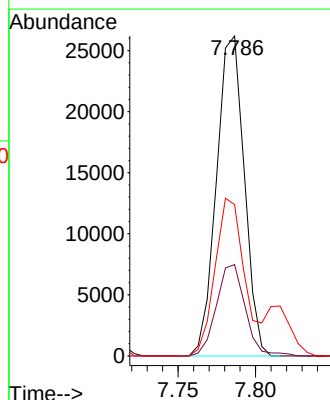
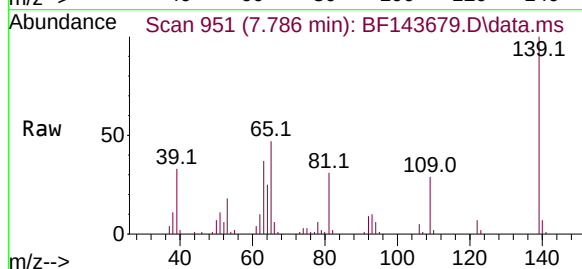
Manual Integrations
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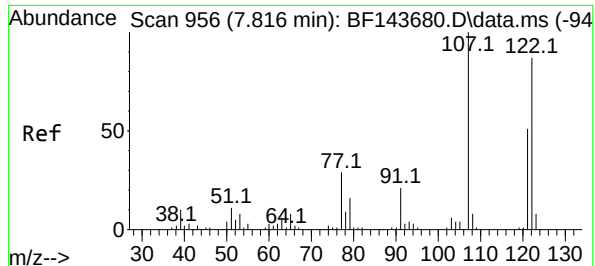
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 19.992 ng
RT: 7.786 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Tgt Ion:139 Resp: 32862
Ion Ratio Lower Upper
139 100
109 28.5 22.8 34.2
65 47.3 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 19.766 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

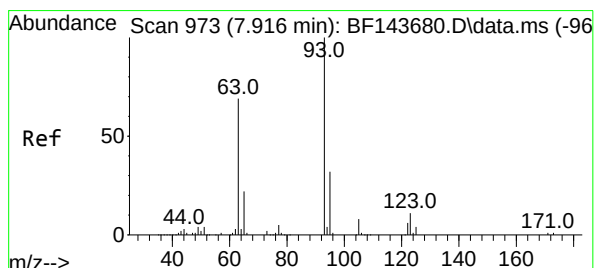
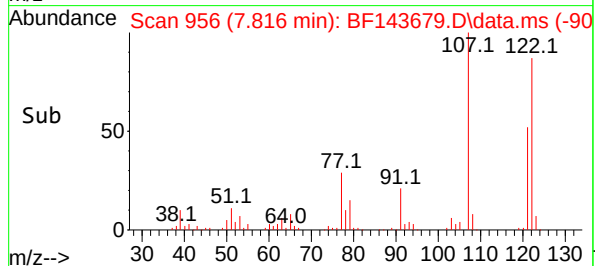
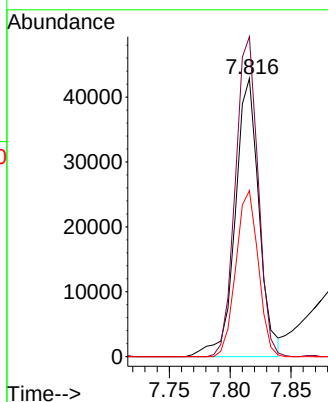
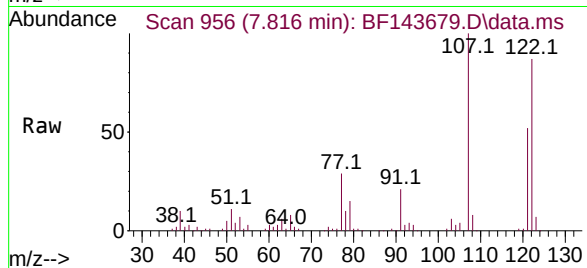
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.1	92.1	138.1
121	59.7	46.9	70.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.254 ng

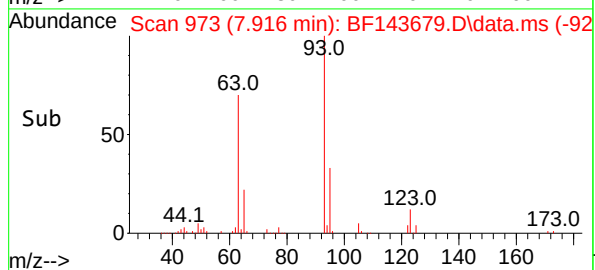
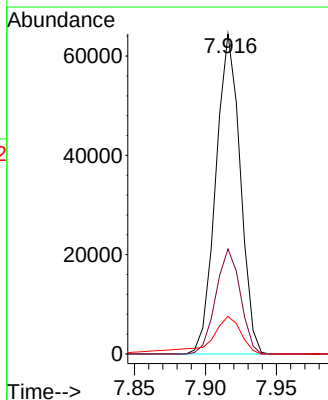
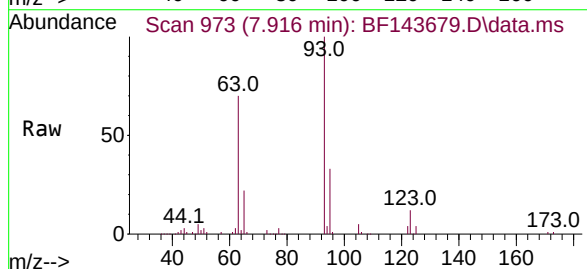
RT: 7.916 min Scan# 973

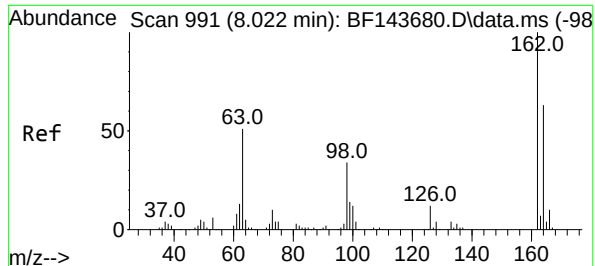
Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.7	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 20.625 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

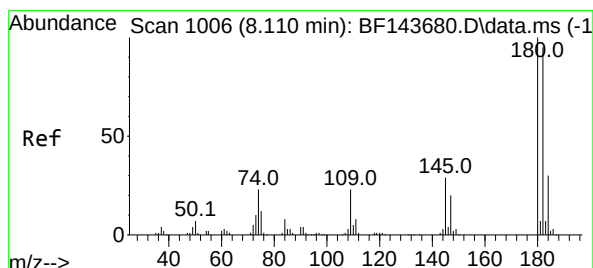
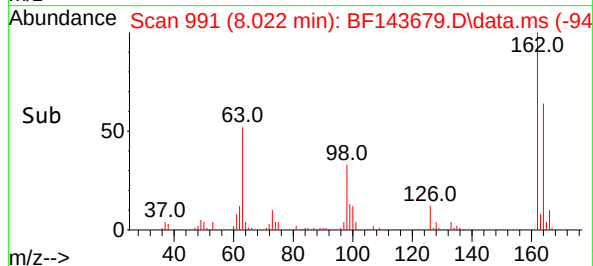
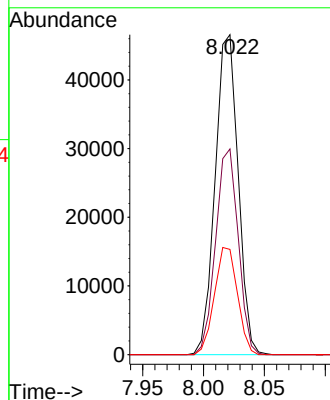
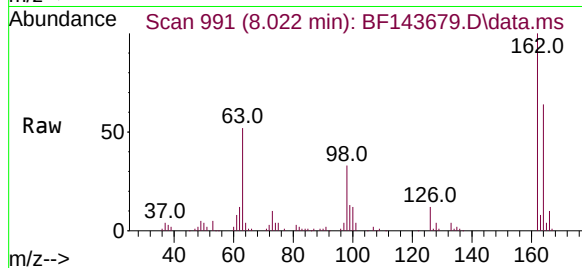
SSTDICC020

Tgt Ion:162	Resp:	61224
Ion Ratio	Lower	Upper
162	100	
164	64.3	43.0 83.0
98	32.9	13.8 53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.240 ng

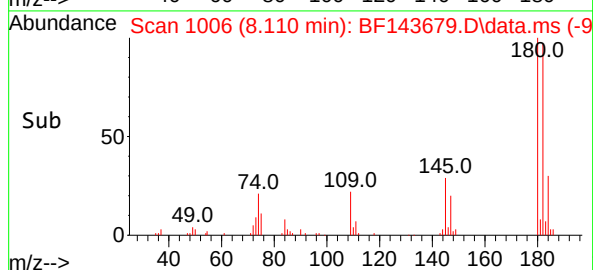
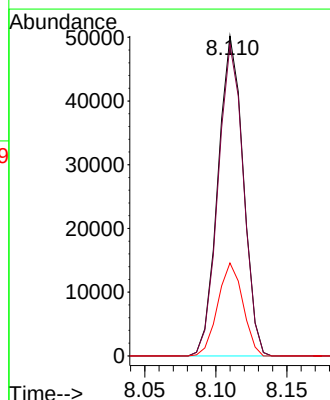
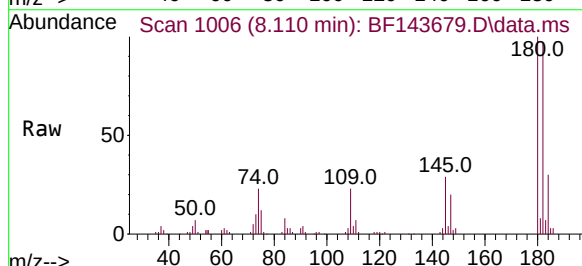
RT: 8.110 min Scan# 1006

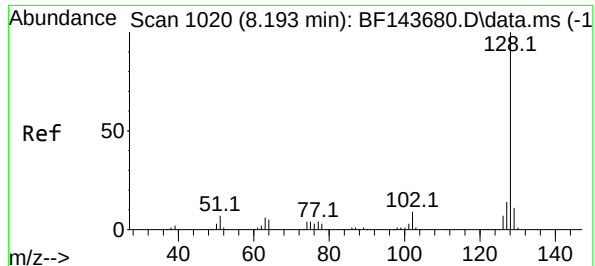
Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Tgt Ion:180	Resp:	62242
Ion Ratio	Lower	Upper
180	100	
182	97.3	76.2 114.4
145	29.0	23.2 34.8





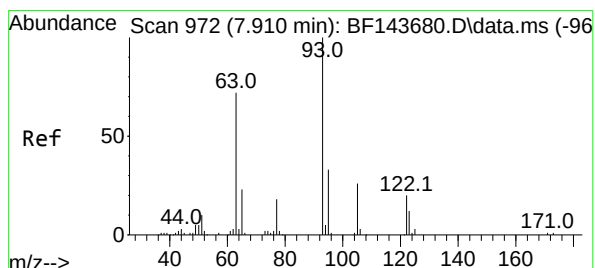
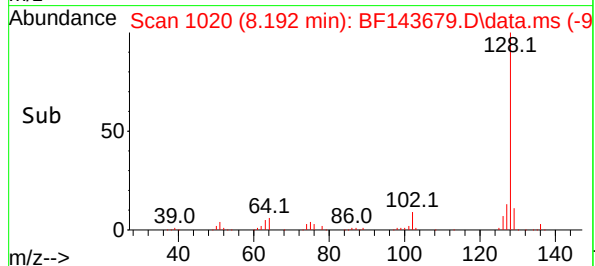
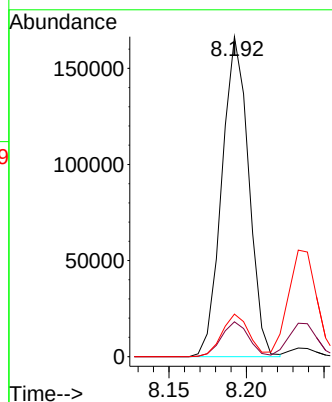
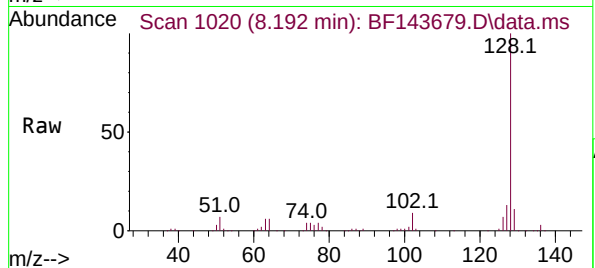
#31
Naphthalene
Concen: 20.238 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 200925
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.9 16.3

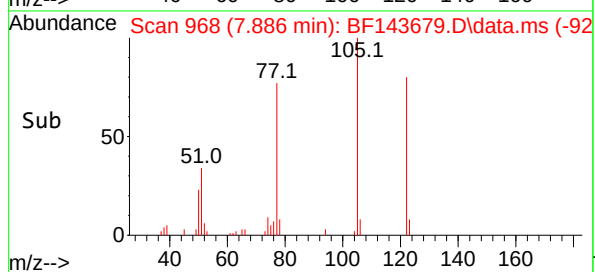
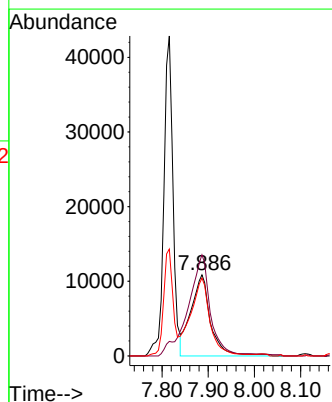
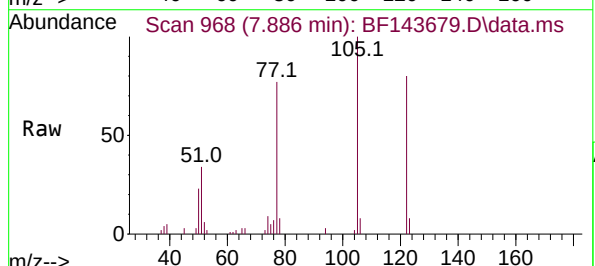
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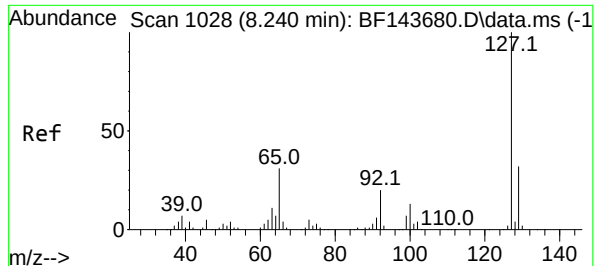
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#32
Benzoic acid
Concen: 17.972 ng m
RT: 7.886 min Scan# 968
Delta R.T. -0.024 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Tgt Ion:122 Resp: 32355
Ion Ratio Lower Upper
122 100
105 124.8 105.2 145.2
77 96.0 72.0 112.0





#33

4-Chloroaniline

Concen: 20.537 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 70979

Ion Ratio Lower Upper

127 100

129 31.3 26.0 39.0

65 32.0 24.6 36.8

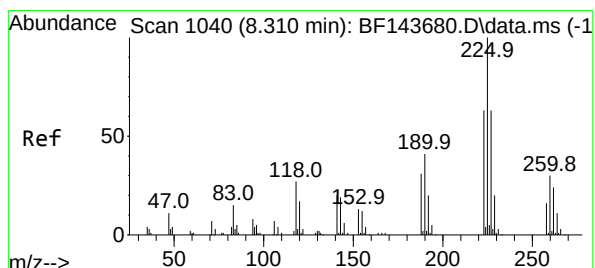
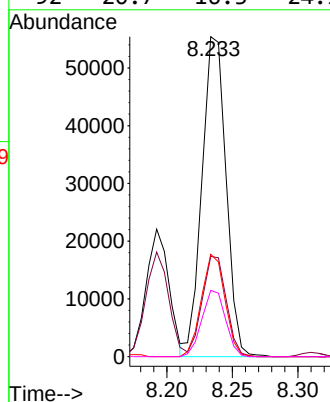
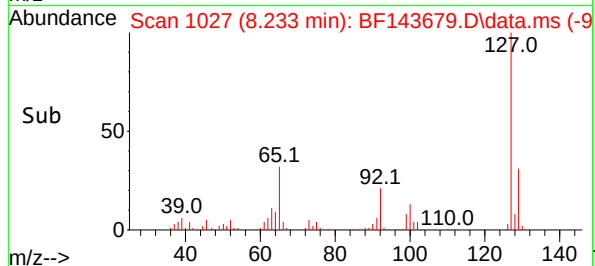
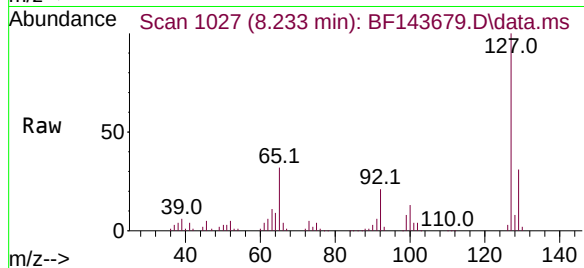
92 20.7 16.3 24.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#34

Hexachlorobutadiene

Concen: 20.581 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

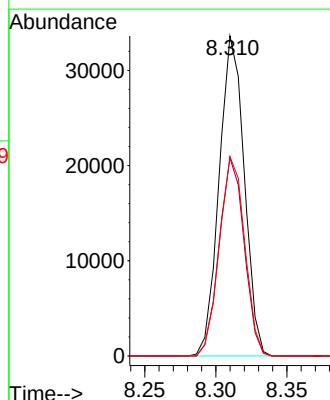
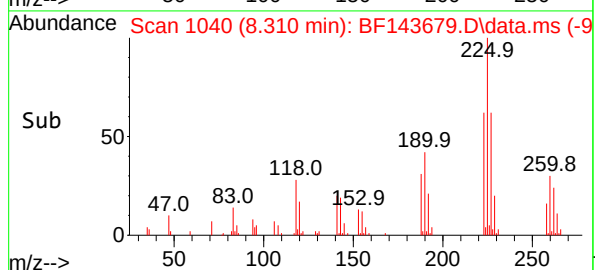
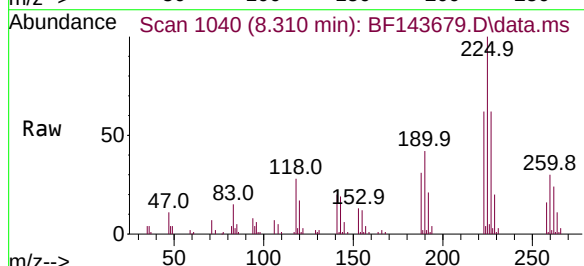
Tgt Ion:225 Resp: 41282

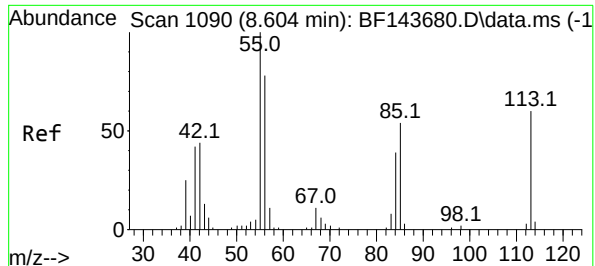
Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

227 62.3 50.8 76.2





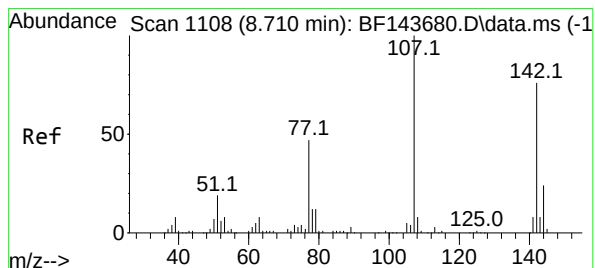
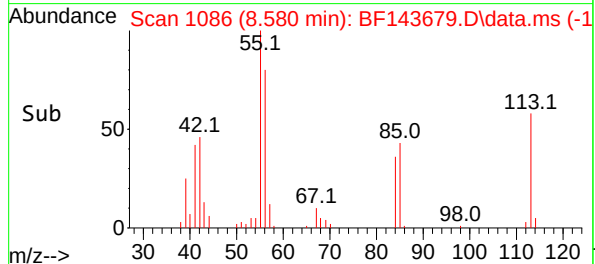
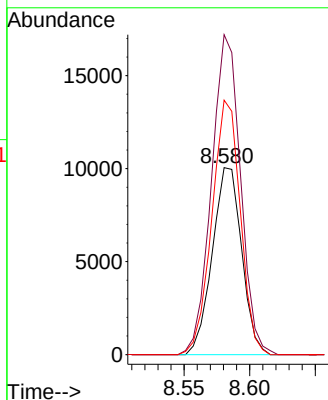
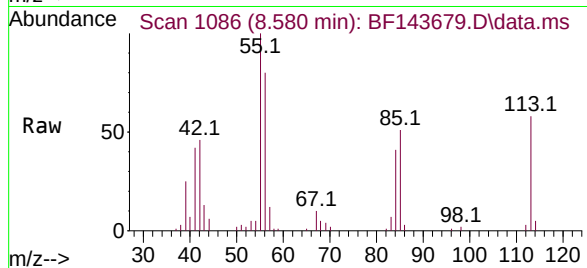
#35
Caprolactam
Concen: 19.836 ng
RT: 8.580 min Scan# 1090
Delta R.T. -0.024 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 1567
Ion Ratio Lower Upper
113 100
55 171.1 148.9 188.9
56 136.1 112.8 152.8

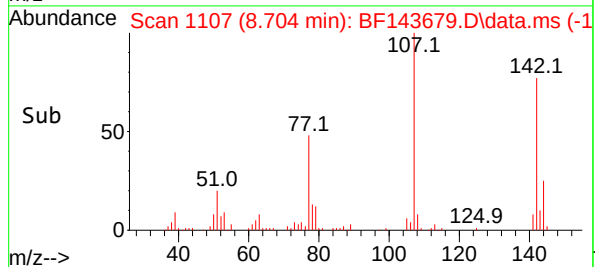
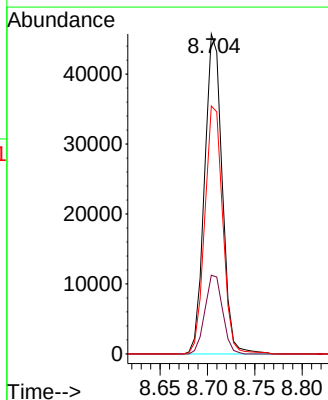
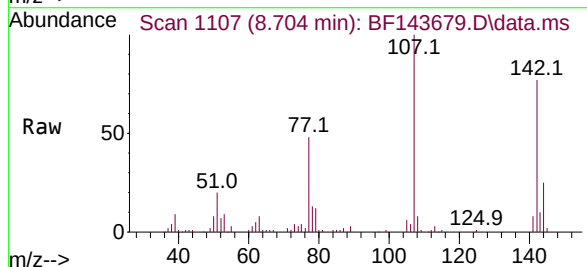
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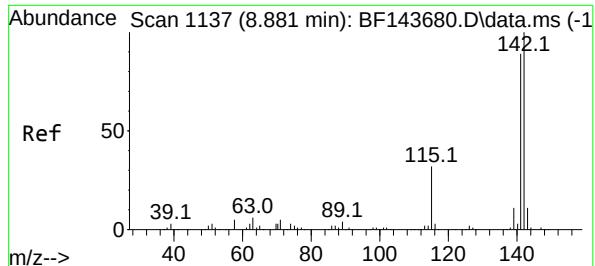
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#36
4-Chloro-3-methylphenol
Concen: 20.243 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Tgt Ion:107 Resp: 59249
Ion Ratio Lower Upper
107 100
144 24.6 19.4 29.2
142 77.5 60.6 91.0





#37

2-Methylnaphthalene

Concen: 20.376 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 138476

Ion Ratio Lower Upper

142 100

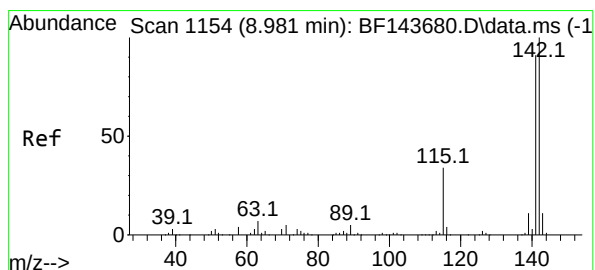
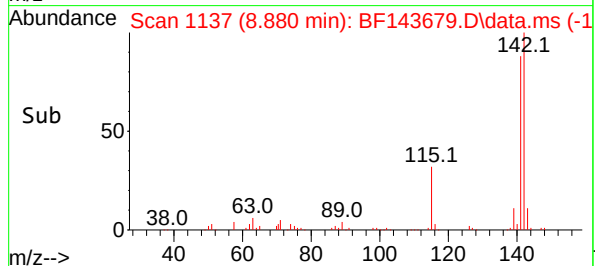
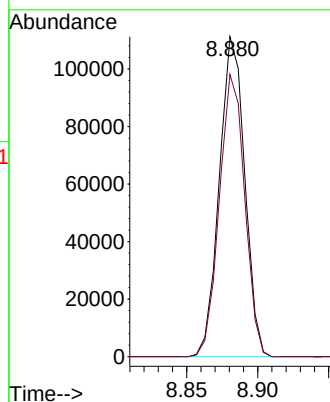
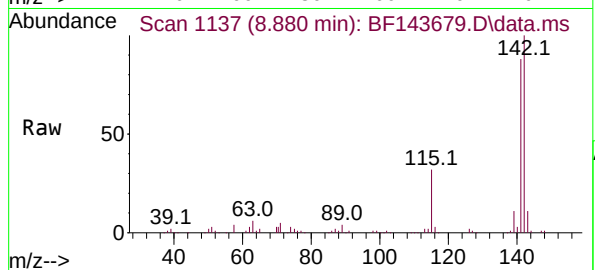
141 88.2 71.1 106.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#38

1-Methylnaphthalene

Concen: 20.287 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143679.D

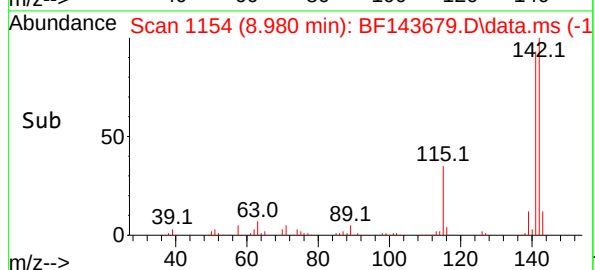
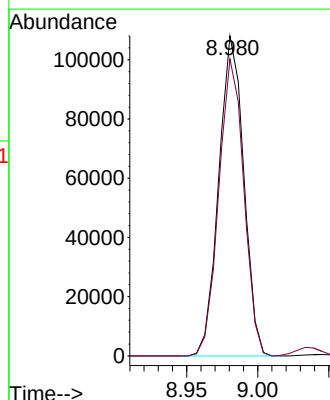
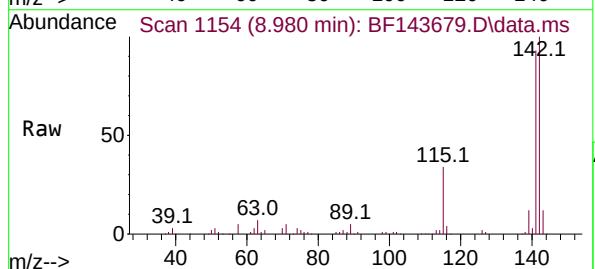
Acq: 09 Sep 2025 10:39

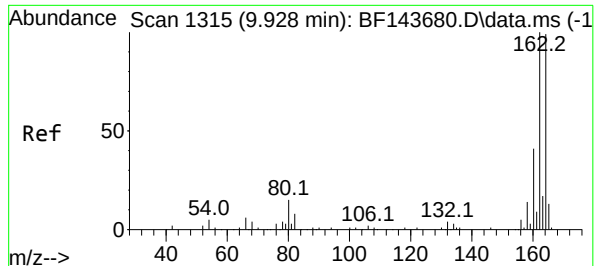
Tgt Ion:142 Resp: 132313

Ion Ratio Lower Upper

142 100

141 92.8 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF143679.D

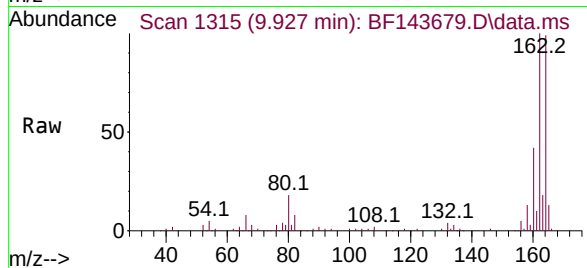
Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 112988

Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

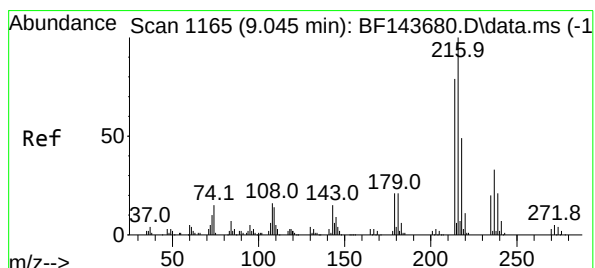
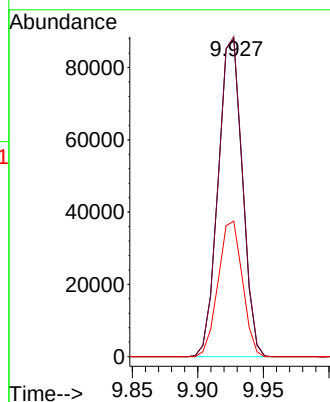
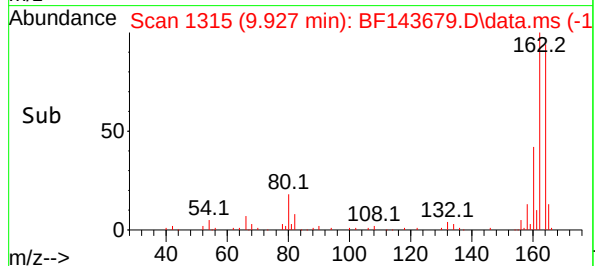
160 42.6 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.870 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Tgt Ion:216 Resp: 67509

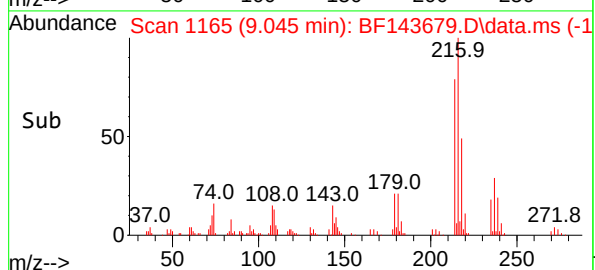
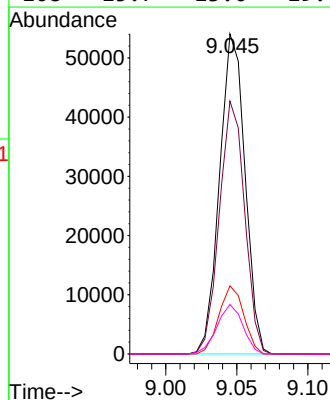
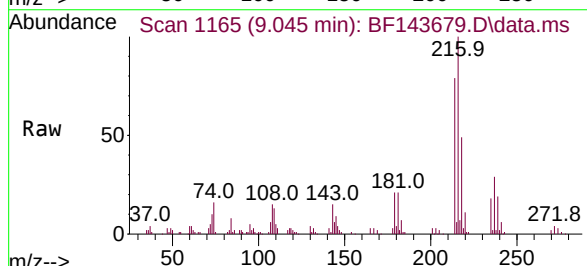
Ion Ratio Lower Upper

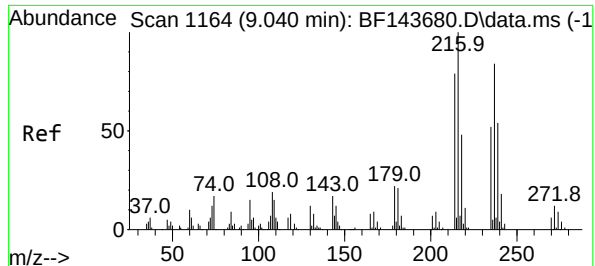
216 100

214 78.3 63.2 94.8

179 20.8 16.8 25.2

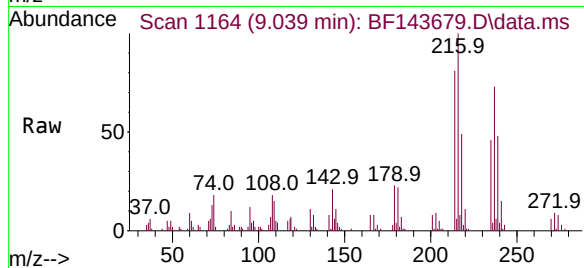
108 15.7 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 19.666 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

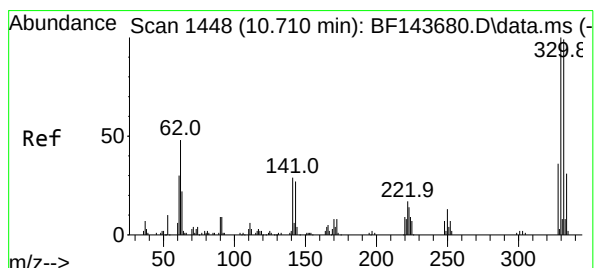
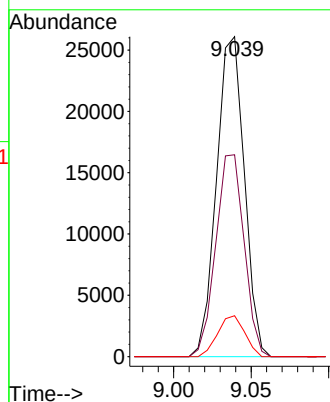
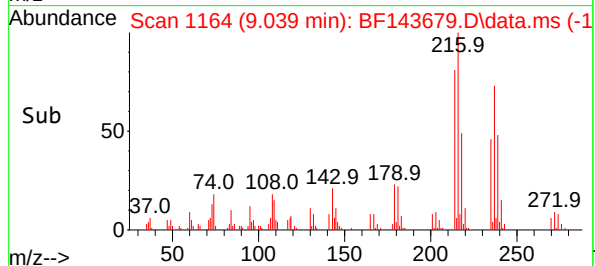
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



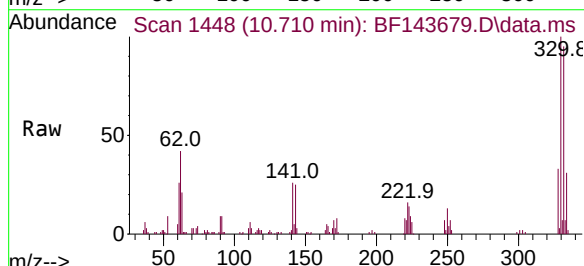
Tgt Ion: 237 Resp: 32658
Ion Ratio Lower Upper
237 100
235 63.1 41.6 81.6
272 12.8 0.0 33.9

Manual Integrations
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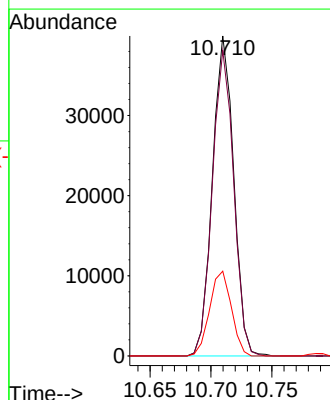
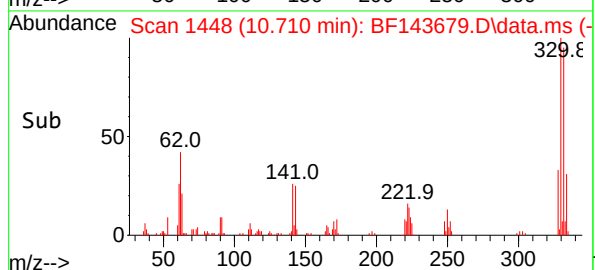
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

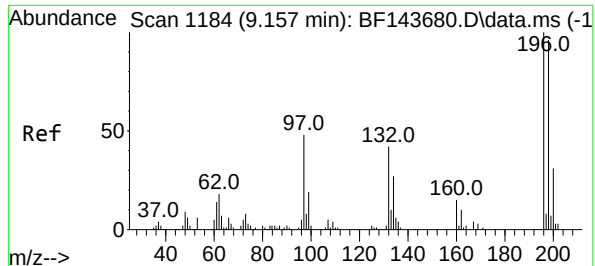


#42
2,4,6-Tribromophenol
Concen: 42.566 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39



Tgt Ion: 330 Resp: 48468
Ion Ratio Lower Upper
330 100
332 95.7 79.2 118.8
141 27.1 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 21.203 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF143679.D

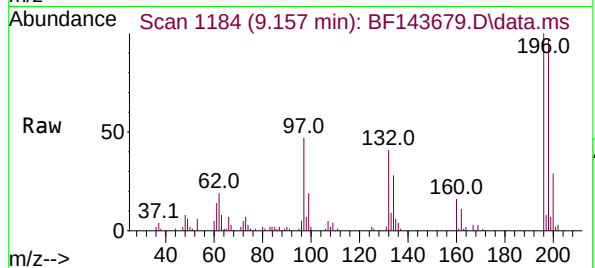
Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 45798

Ion Ratio Lower Upper

196 100

198 96.5 76.5 114.7

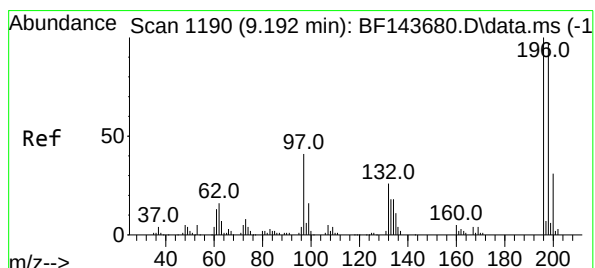
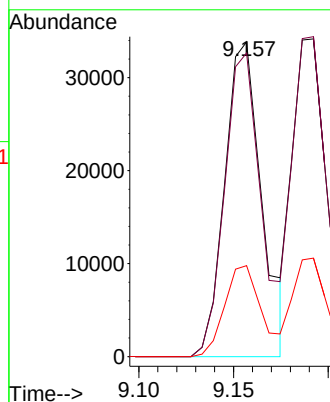
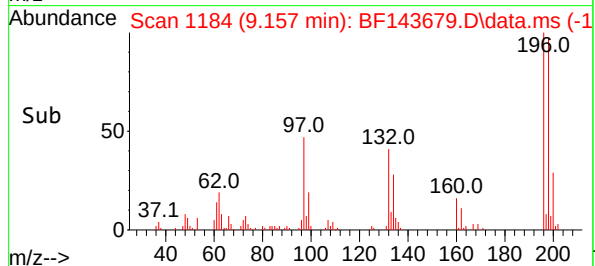
200 28.9 24.5 36.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#44

2,4,5-Trichlorophenol

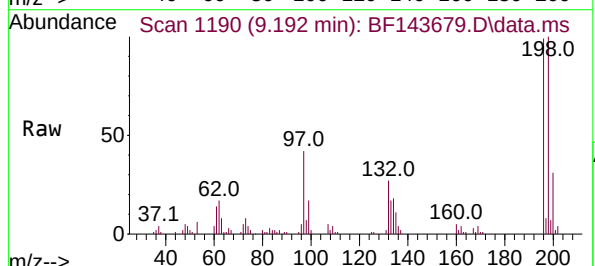
Concen: 19.428 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39



Tgt Ion:196 Resp: 42661

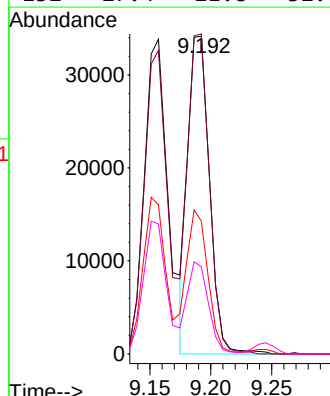
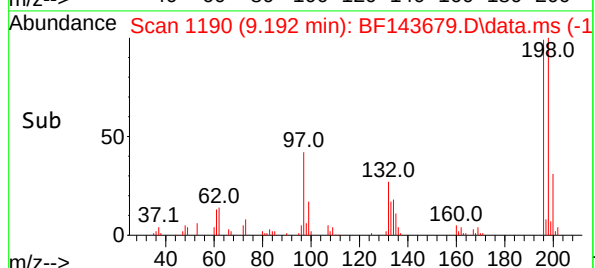
Ion Ratio Lower Upper

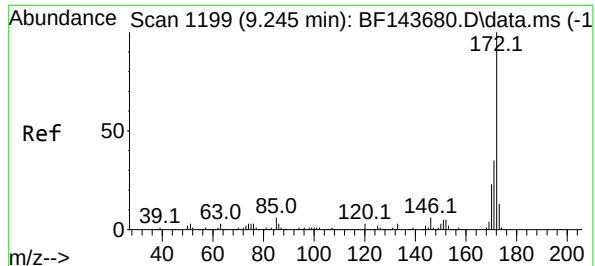
196 100

198 100.7 77.0 115.6

97 41.8 34.2 51.4

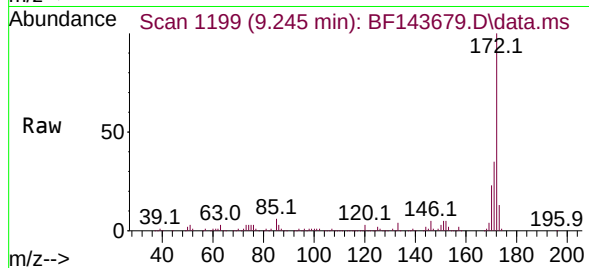
132 27.4 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 41.274 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

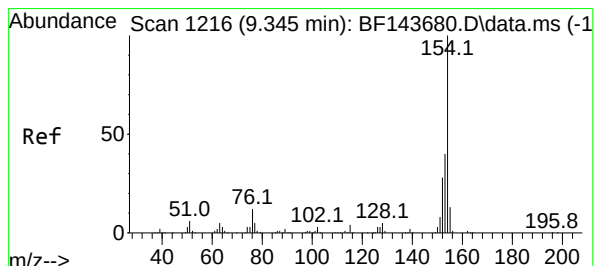
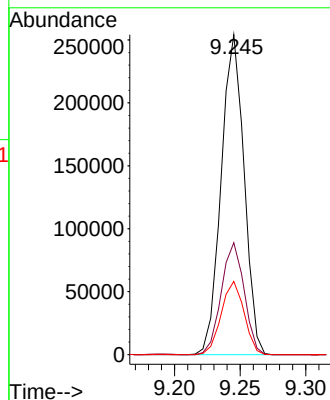
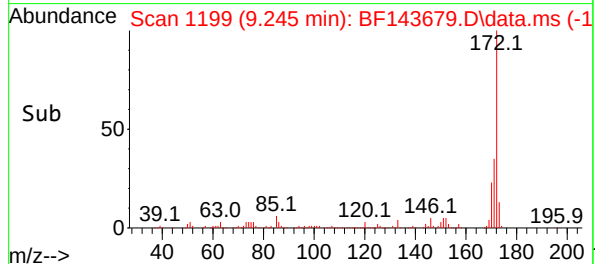
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 308716
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 22.9 18.6 27.8

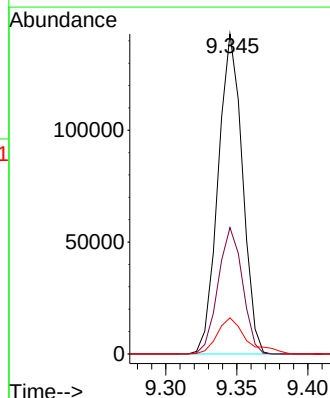
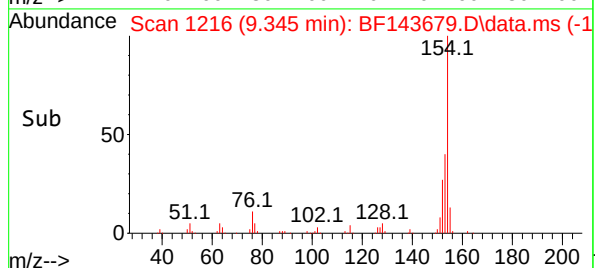
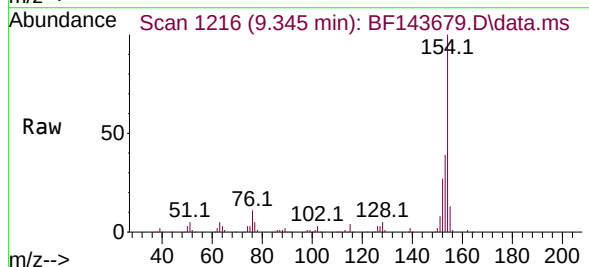
Manual Integrations
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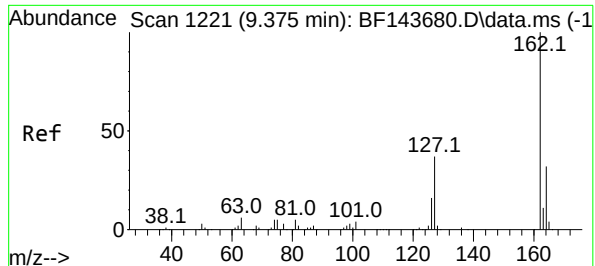
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#46
1,1'-Biphenyl
Concen: 20.930 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Tgt Ion:154 Resp: 170247
Ion Ratio Lower Upper
154 100
153 39.5 20.2 60.2
76 11.3 0.0 31.6





#47

2-Chloronaphthalene

Concen: 20.795 ng

RT: 9.369 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF143679.D

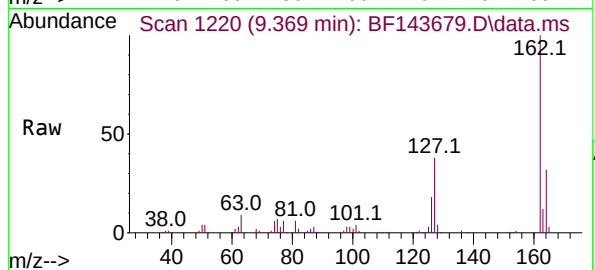
Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 132606

Ion Ratio Lower Upper

162 100

127 38.4 30.6 45.8

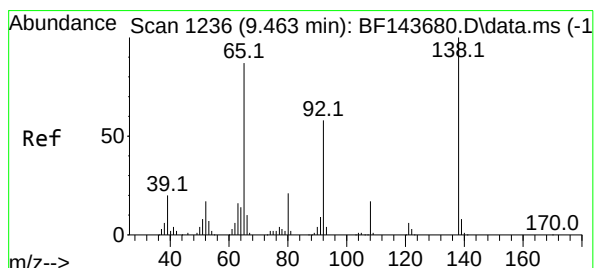
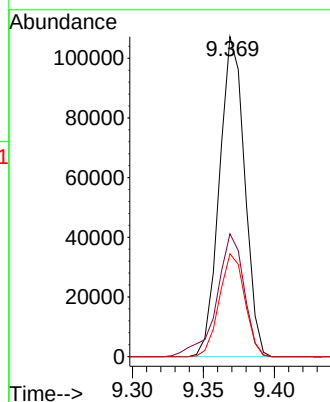
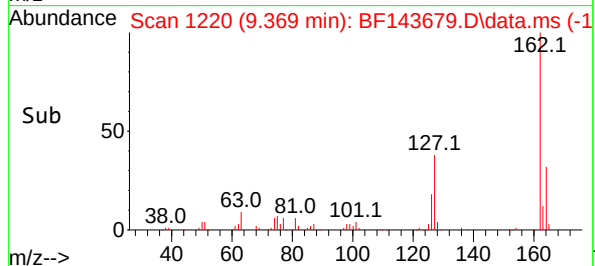
164 32.2 25.8 38.8

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#48

2-Nitroaniline

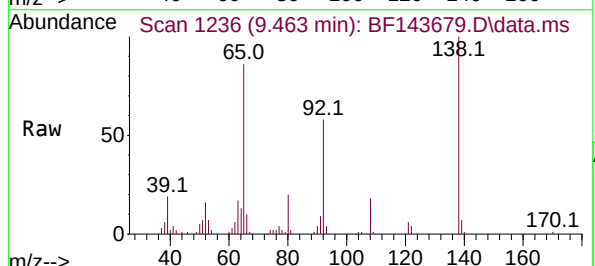
Concen: 20.607 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39



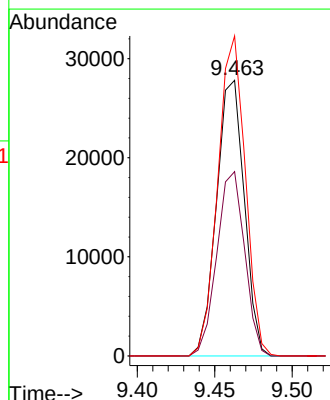
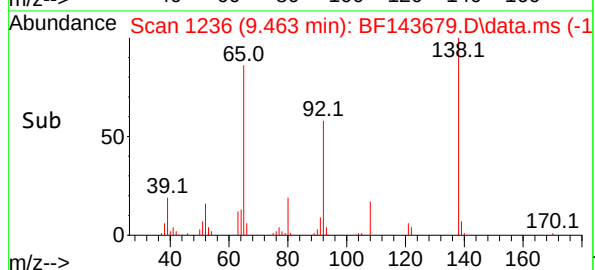
Tgt Ion: 65 Resp: 34775

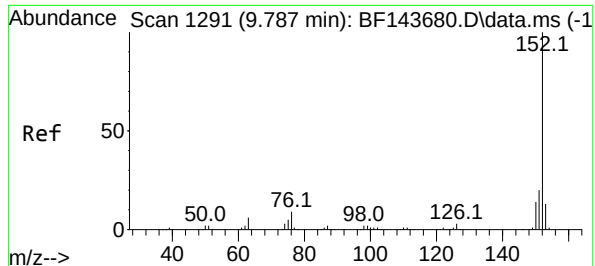
Ion Ratio Lower Upper

65 100

92 66.8 53.3 79.9

138 116.1 92.1 138.1





#49

Acenaphthylene

Concen: 20.755 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143679.D

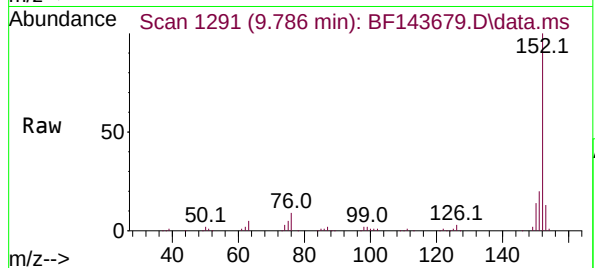
Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 189590

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

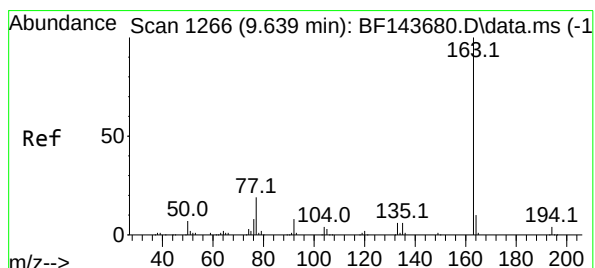
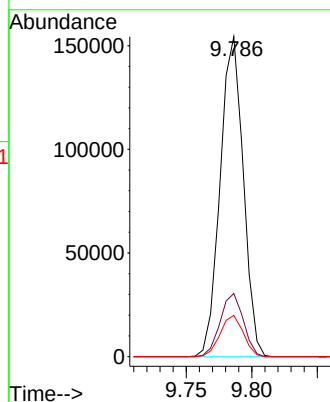
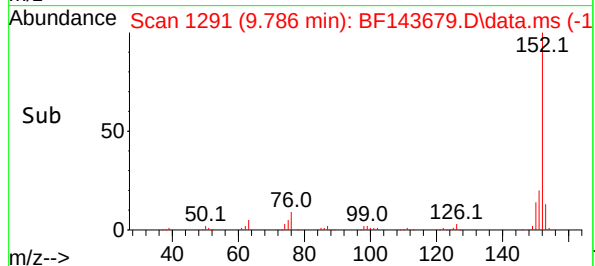
153 12.9 10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#50

Dimethylphthalate

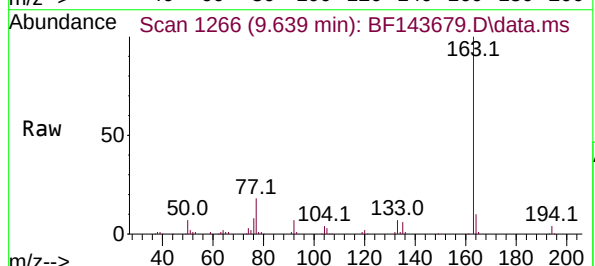
Concen: 20.448 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39



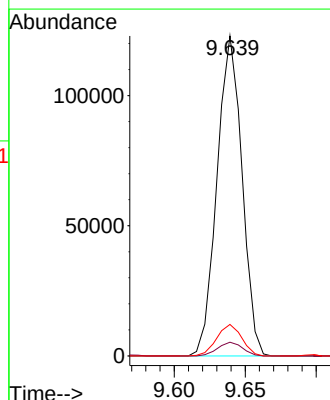
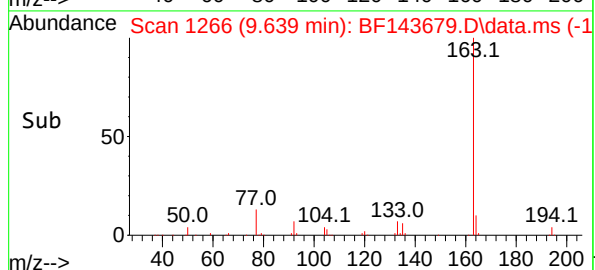
Tgt Ion:163 Resp: 150319

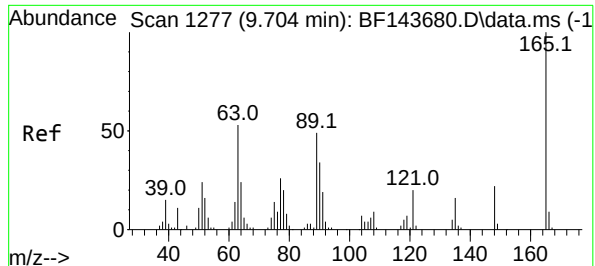
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

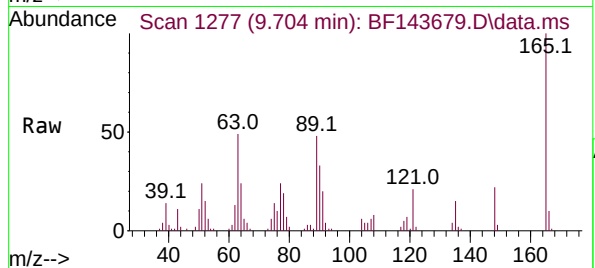
164 9.8 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 20.649 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

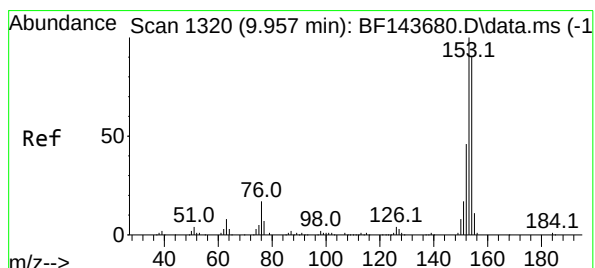
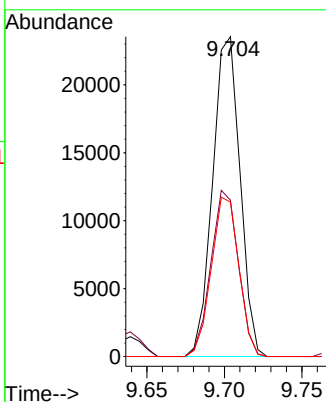
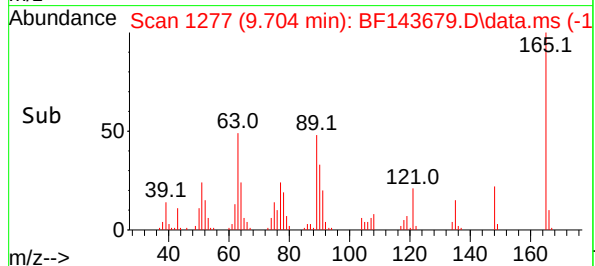
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



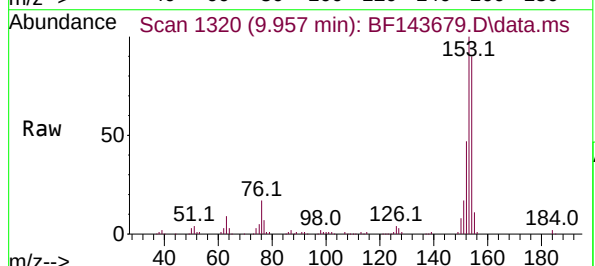
Tgt Ion:165 Resp: 29023
Ion Ratio Lower Upper
165 100
63 48.9 42.2 63.4
89 48.3 39.3 58.9

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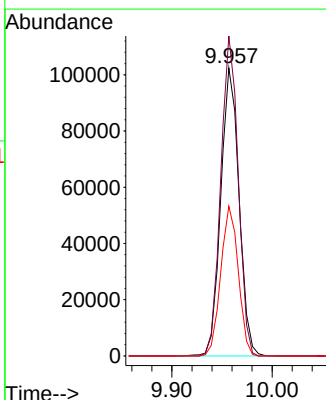
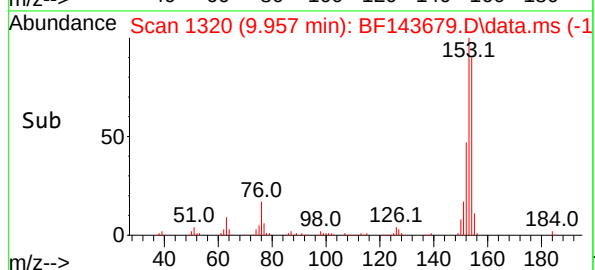
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

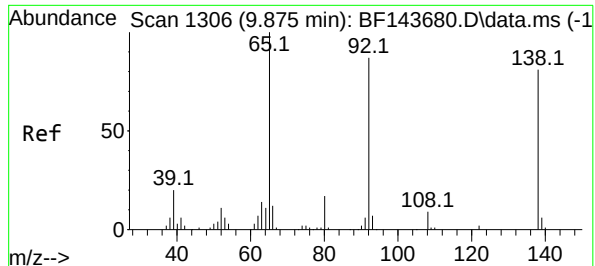


#52
Acenaphthene
Concen: 20.589 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39



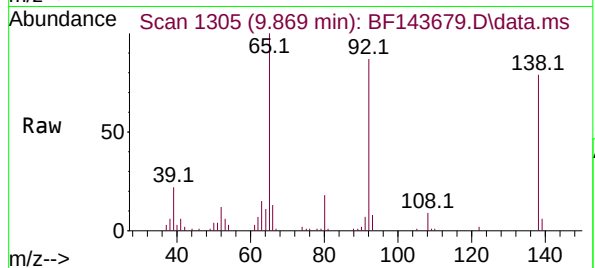
Tgt Ion:154 Resp: 129597
Ion Ratio Lower Upper
154 100
153 111.1 89.4 134.0
152 52.0 41.2 61.8





#53
3-Nitroaniline
Concen: 20.305 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

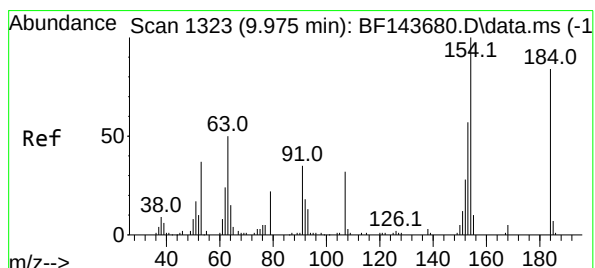
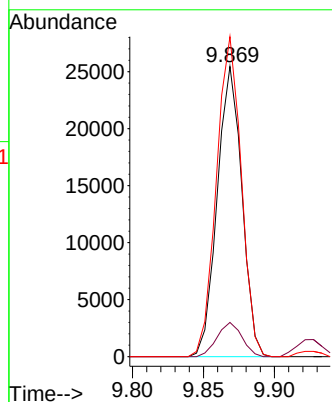
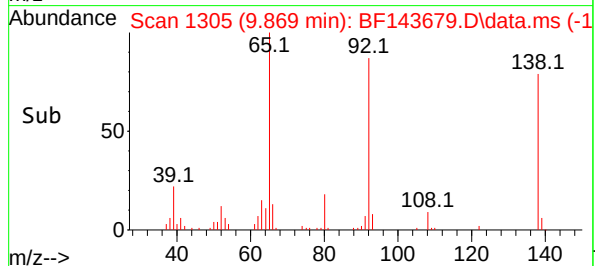
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 30714
Ion Ratio Lower Upper
138 100
108 11.8 8.6 12.8
92 110.3 85.5 128.3

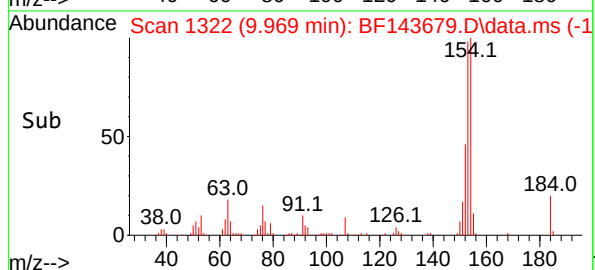
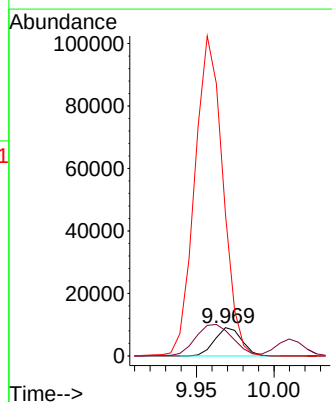
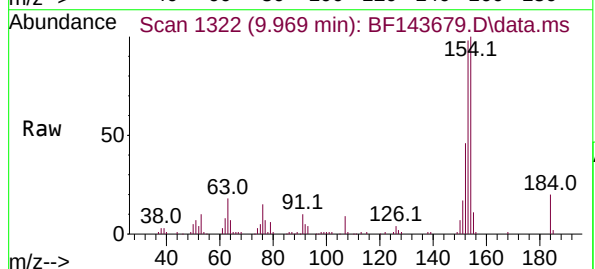
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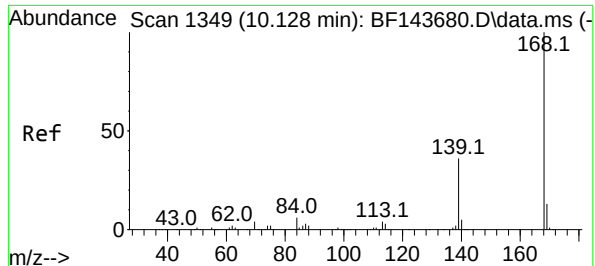
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#54
2,4-Dinitrophenol
Concen: 19.052 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Tgt Ion:184 Resp: 10941
Ion Ratio Lower Upper
184 100
63 89.7 52.7 79.1#
154 501.6 136.6 204.8#





#55

Dibenzenofuran

Concen: 20.609 ng

RT: 10.127 min Scan# 1349

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 186539

Ion Ratio Lower Upper

168 100

139 36.4 29.0 43.4

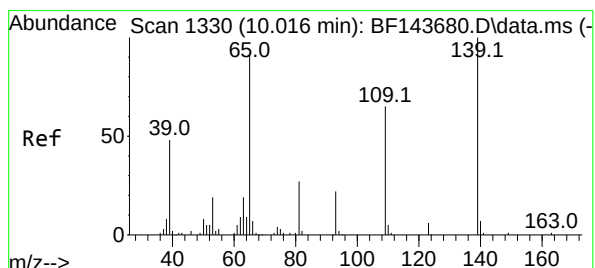
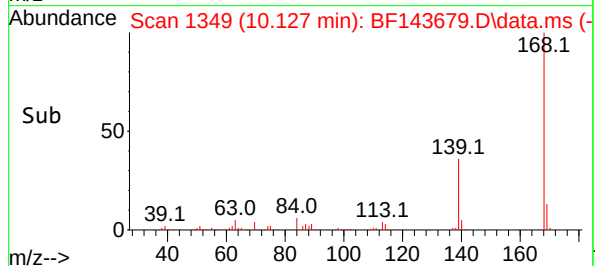
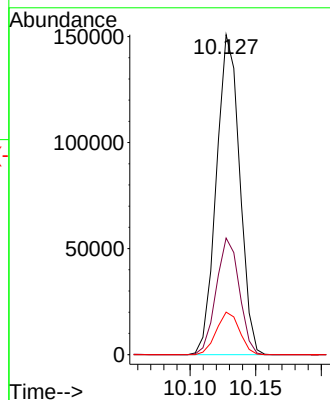
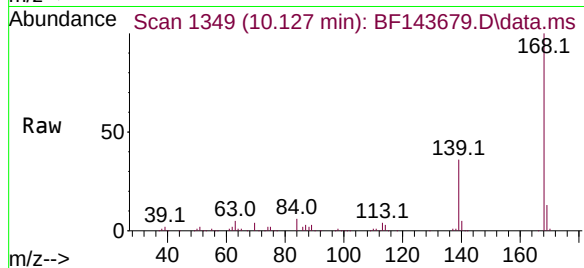
169 13.3 10.8 16.2

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#56

4-Nitrophenol

Concen: 20.428 ng

RT: 10.010 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

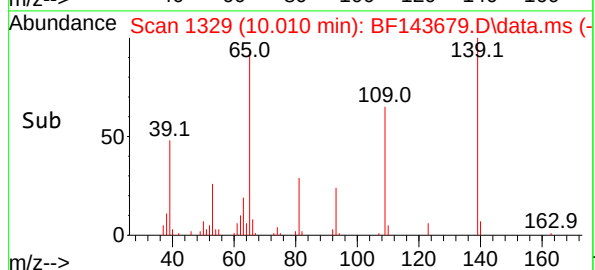
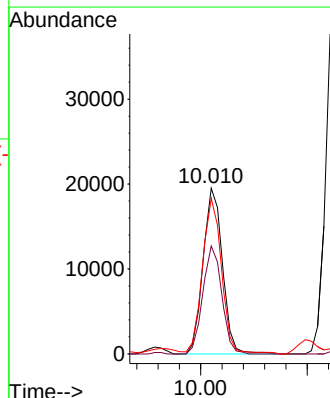
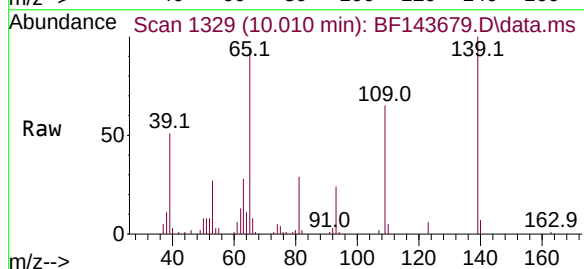
Tgt Ion:139 Resp: 24583

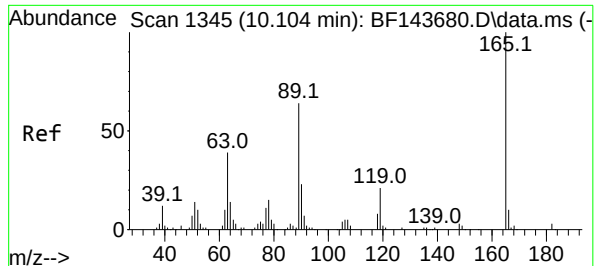
Ion Ratio Lower Upper

139 100

109 65.2 45.2 85.2

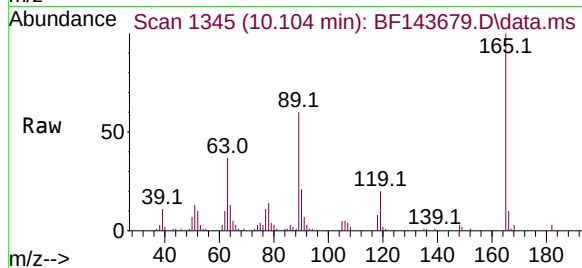
65 93.8 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 20.736 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

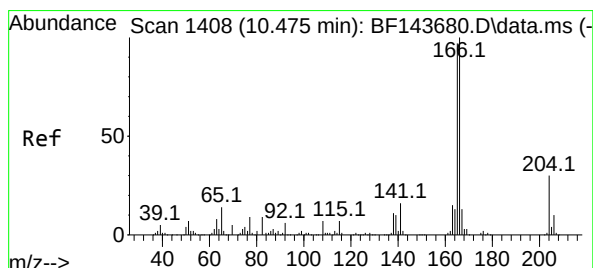
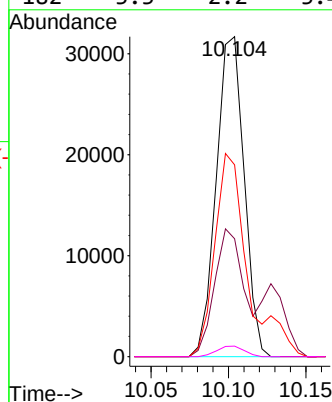
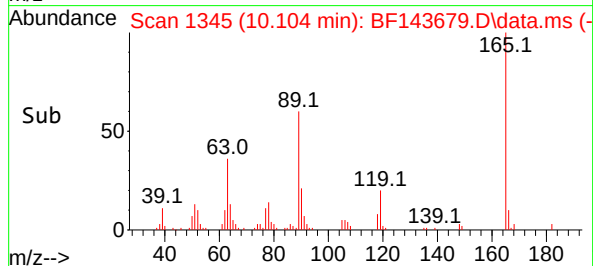
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 39662
Ion Ratio Lower Upper
165 100
63 36.8 31.5 47.3
89 59.9 51.3 76.9
182 3.3 2.2 3.4

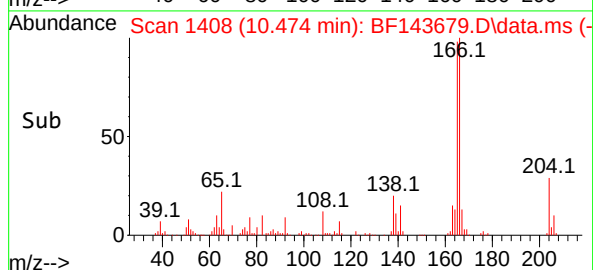
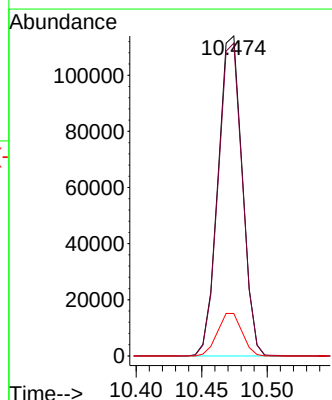
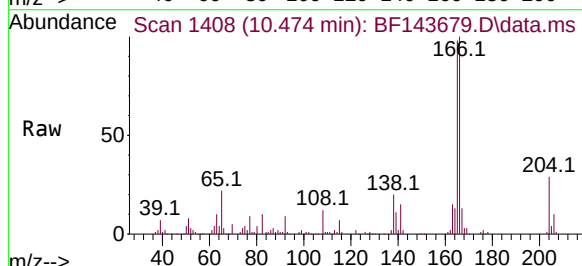
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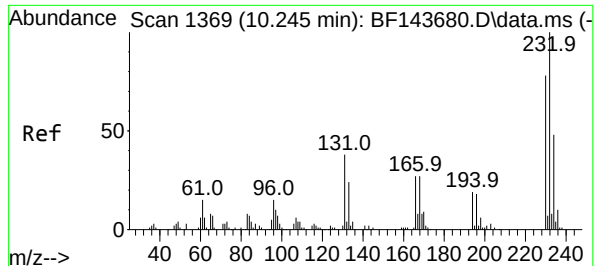
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#58
Fluorene
Concen: 20.750 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

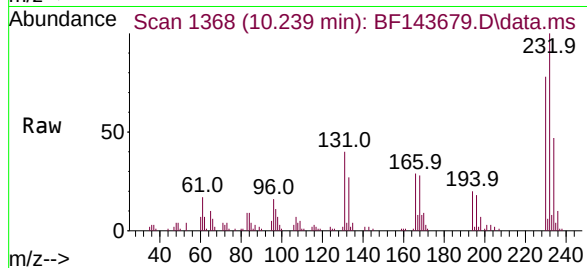
Tgt Ion:166 Resp: 147019
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.2 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.577 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

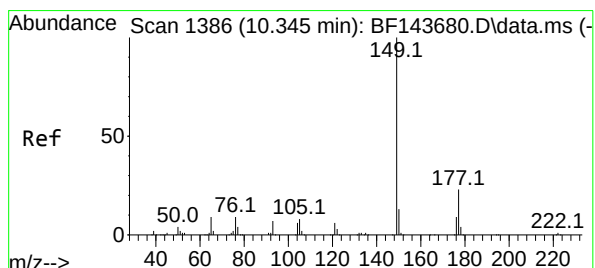
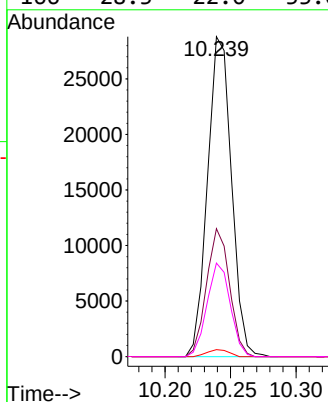
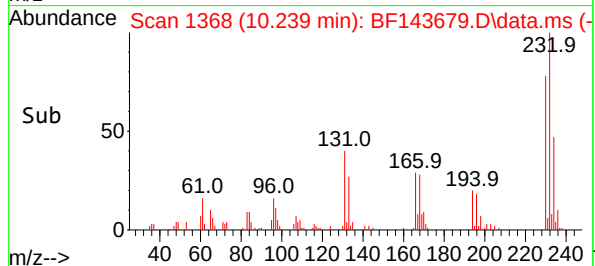
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



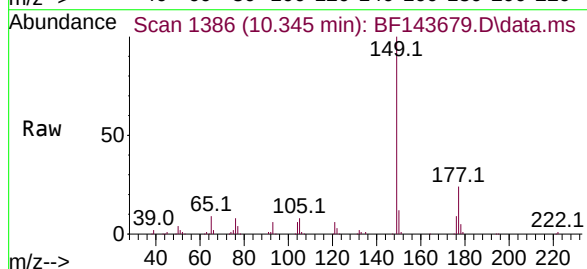
Tgt Ion:232 Resp: 36636
Ion Ratio Lower Upper
232 100
131 38.4 31.9 47.9
130 2.0 1.4 2.0
166 28.3 22.0 33.0

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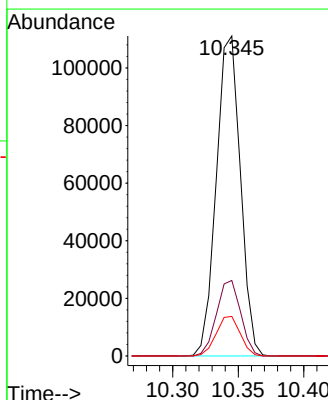
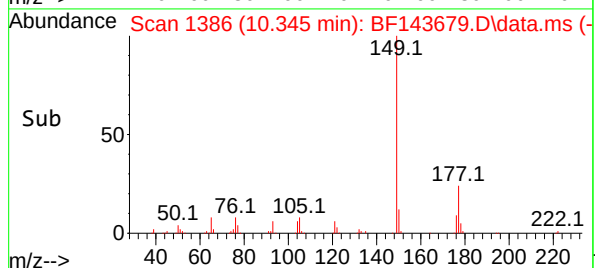
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

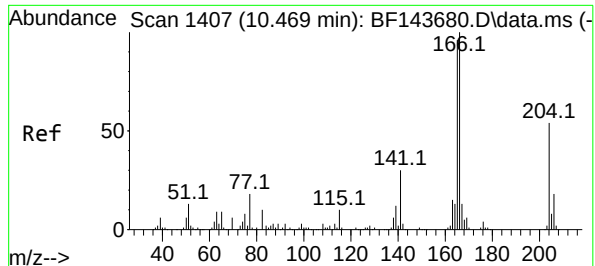


#60
Diethylphthalate
Concen: 20.627 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39



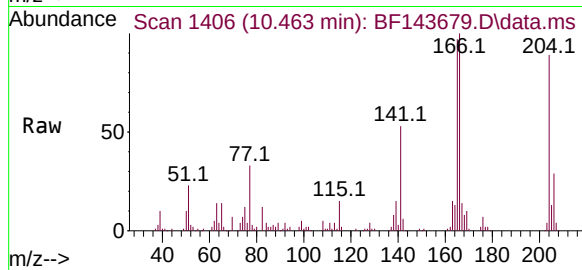
Tgt Ion:149 Resp: 142360
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.2
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 20.817 ng
RT: 10.463 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

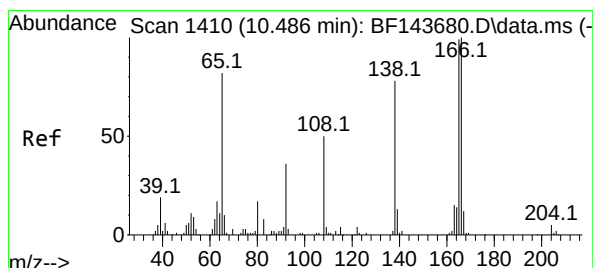
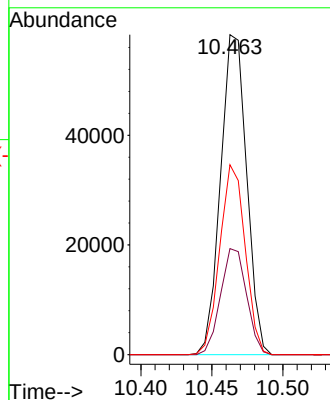
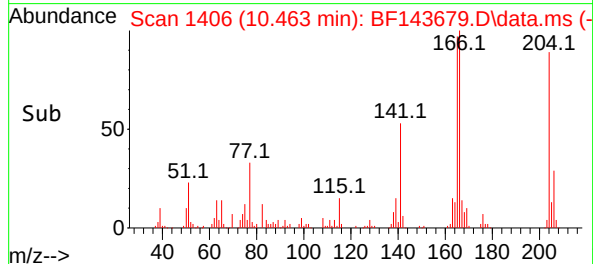
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 74802
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 59.3 44.8 67.2

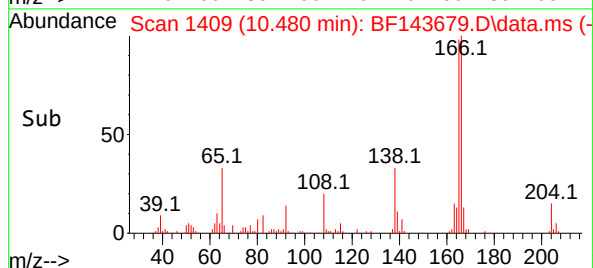
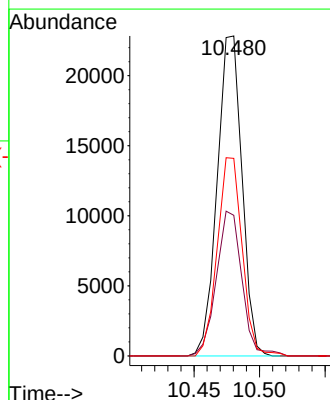
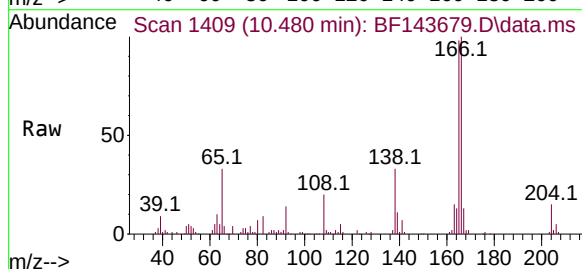
Manual Integrations
APPROVED

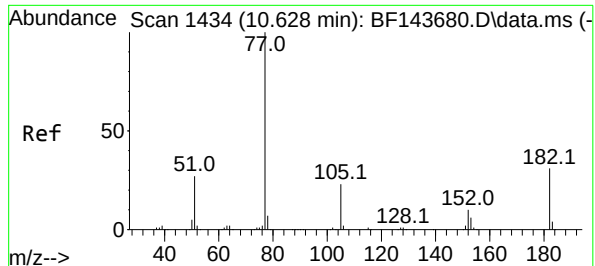
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#62
4-Nitroaniline
Concen: 21.041 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

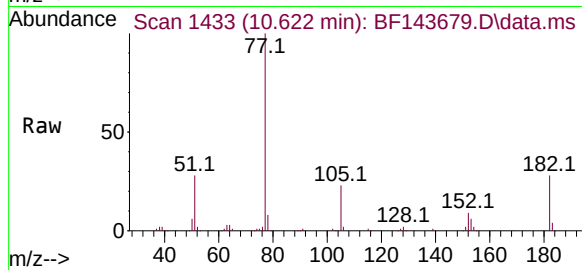
Tgt Ion:138 Resp: 30144
Ion Ratio Lower Upper
138 100
92 43.9 26.4 66.4
108 61.7 44.3 84.3





#63
Azobenzene
Concen: 20.496 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

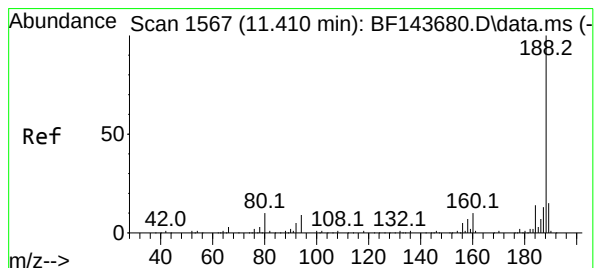
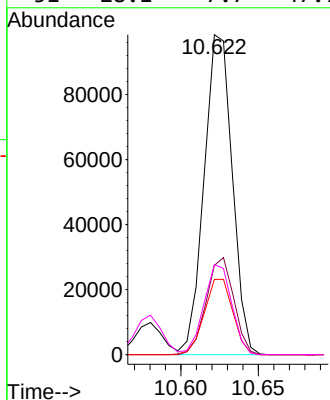
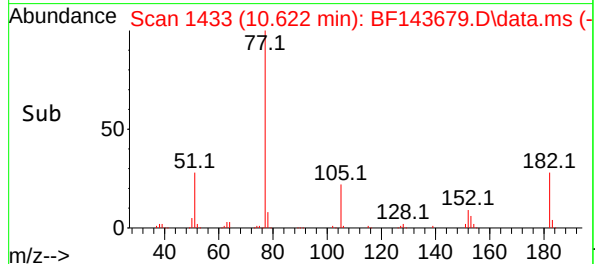
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 125055
Ion Ratio Lower Upper
77 100
182 27.9 10.8 50.8
105 23.5 3.2 43.2
51 28.1 7.7 47.7

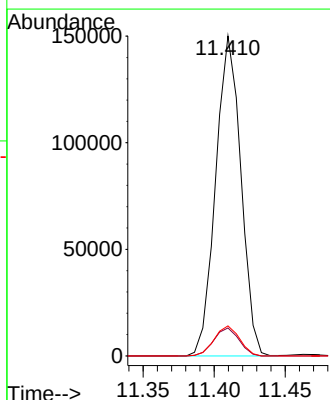
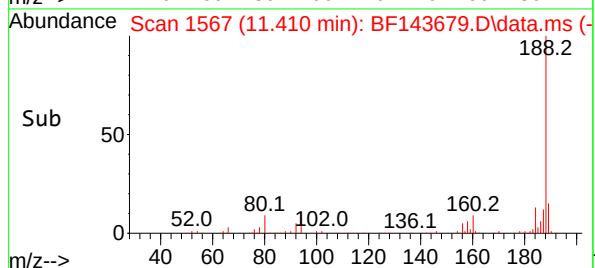
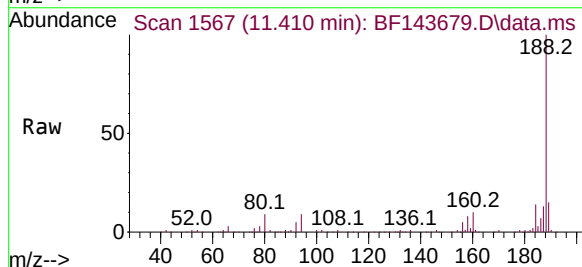
Manual Integrations
APPROVED

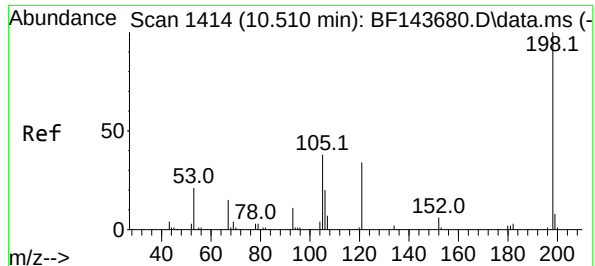
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

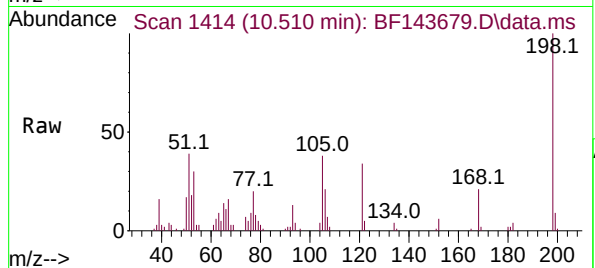
Tgt Ion:188 Resp: 185175
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 9.4 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 18.482 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

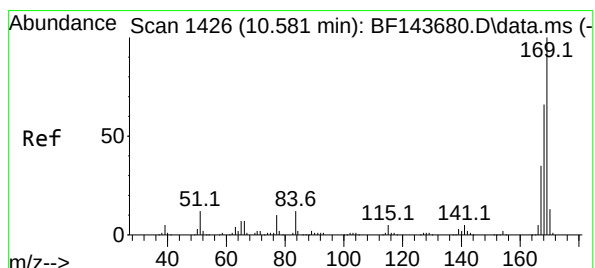
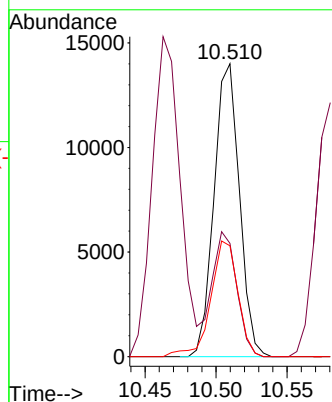
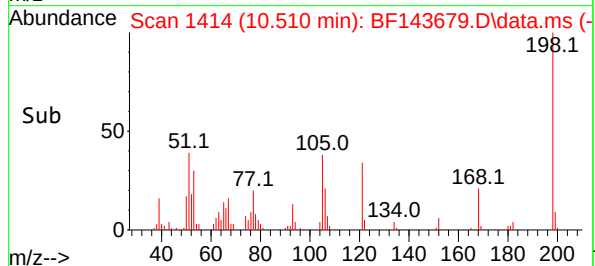
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



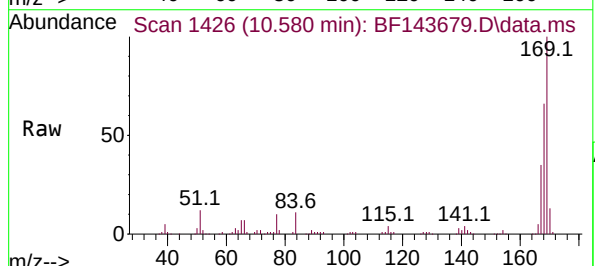
Tgt Ion:198 Resp: 17425
Ion Ratio Lower Upper
198 100
51 38.6 21.2 61.2
105 37.8 19.0 59.0

Manual Integrations
APPROVED

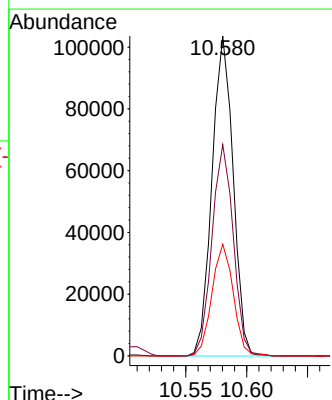
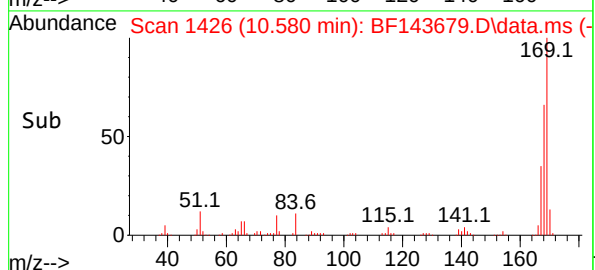
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

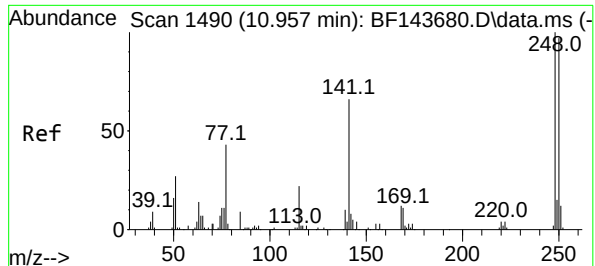


#66
n-Nitrosodiphenylamine
Concen: 20.570 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39



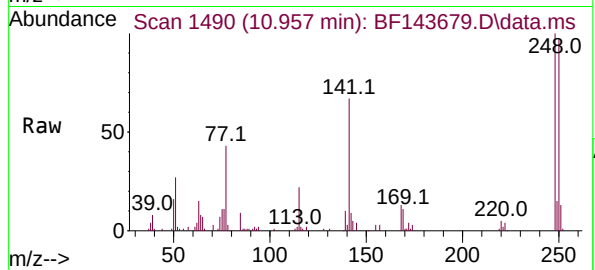
Tgt Ion:169 Resp: 124787
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 34.9 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 20.450 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

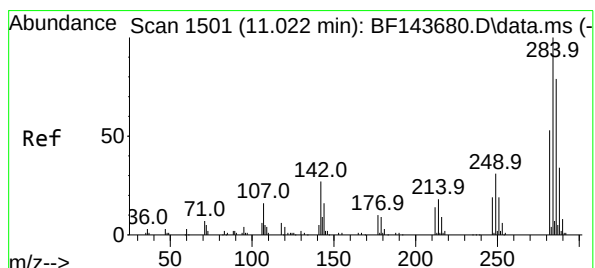
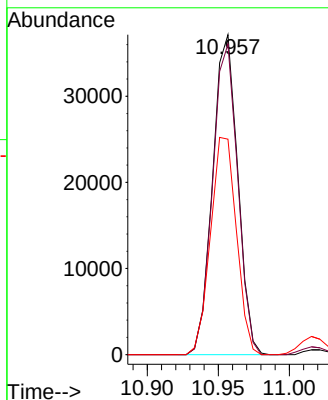
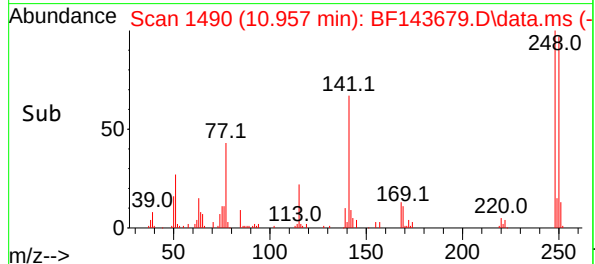
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



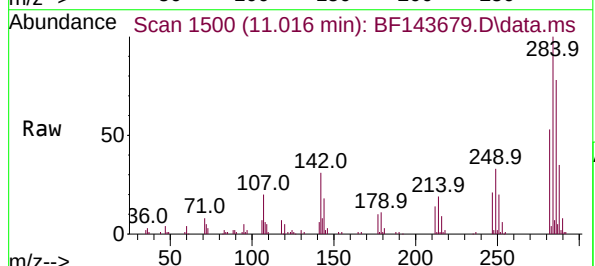
Tgt Ion:248 Resp: 45665
Ion Ratio Lower Upper
248 100
250 97.0 77.5 116.3
141 67.3 52.6 79.0

Manual Integrations
APPROVED

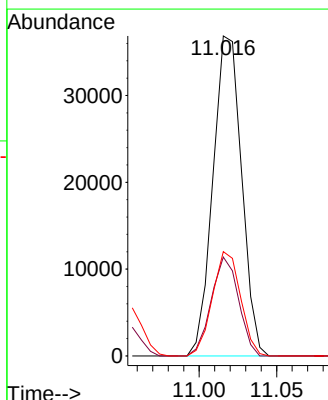
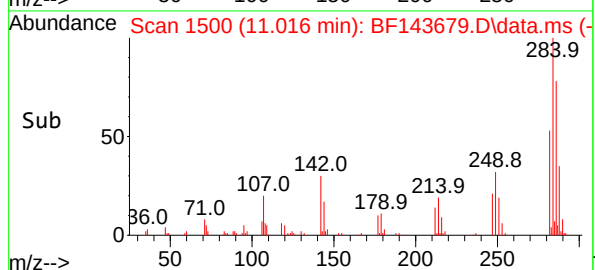
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

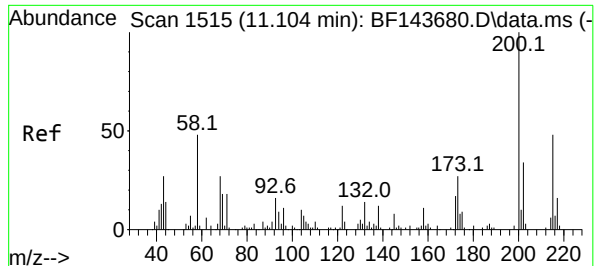


#68
Hexachlorobenzene
Concen: 20.147 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39



Tgt Ion:284 Resp: 47505
Ion Ratio Lower Upper
284 100
142 30.9 21.3 31.9
249 32.6 25.0 37.4





#69

Atrazine

Concen: 21.075 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 40086

Ion Ratio Lower Upper

200 100

173 25.5 7.3 47.3

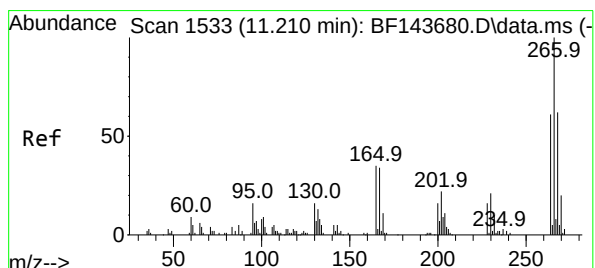
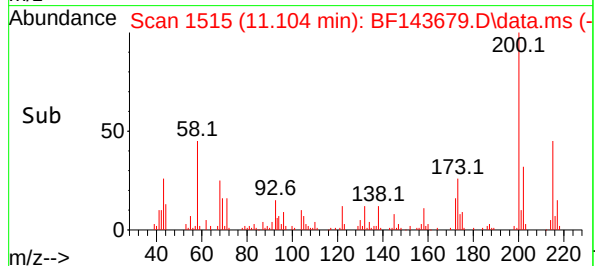
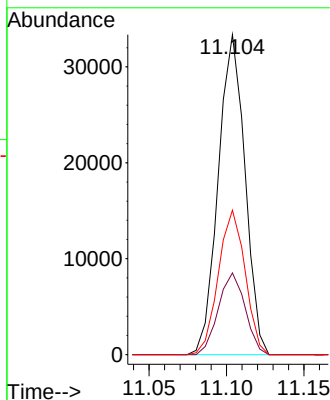
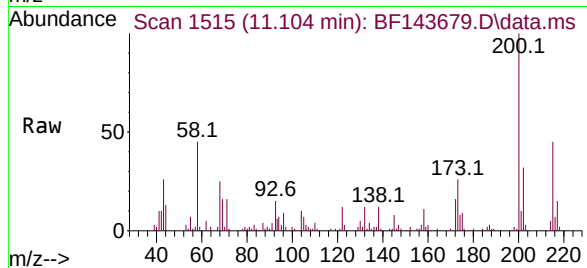
215 45.1 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#70

Pentachlorophenol

Concen: 19.581 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

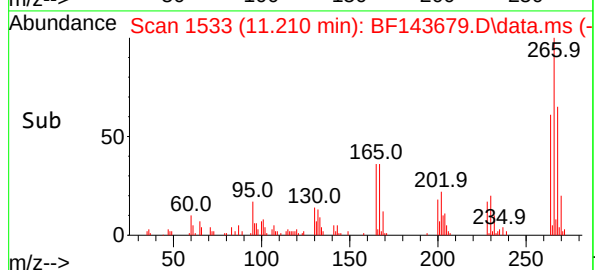
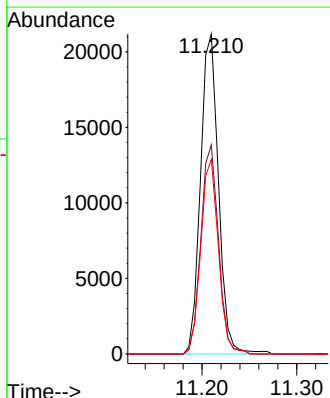
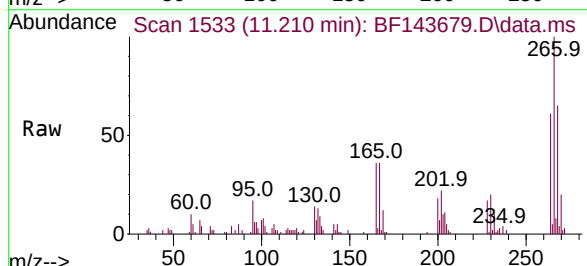
Tgt Ion:266 Resp: 27910

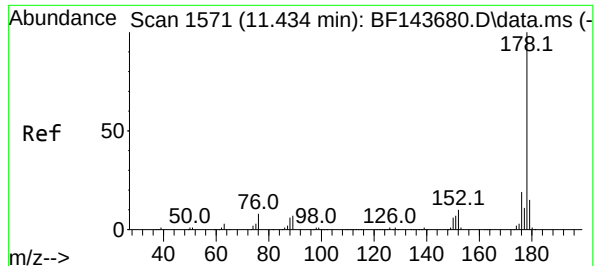
Ion Ratio Lower Upper

266 100

268 65.3 49.2 73.8

264 60.7 48.6 73.0





#71

Phenanthrene

Concen: 20.581 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:178 Resp: 209980

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

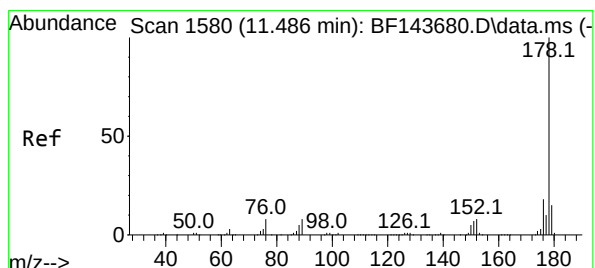
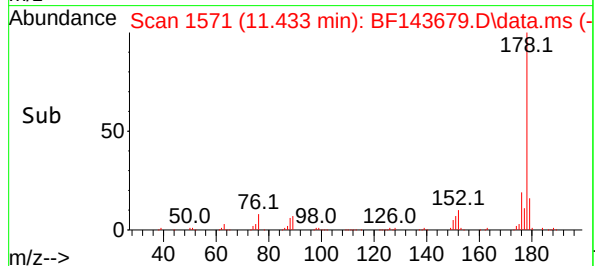
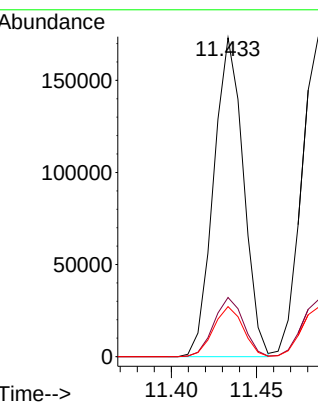
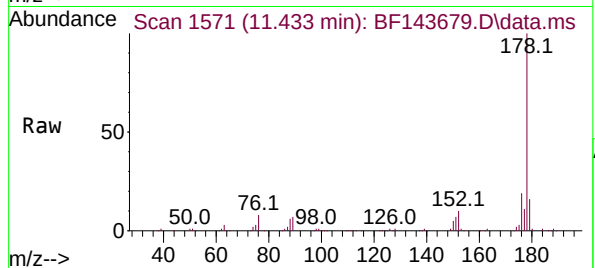
179 15.7 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#72

Anthracene

Concen: 20.732 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

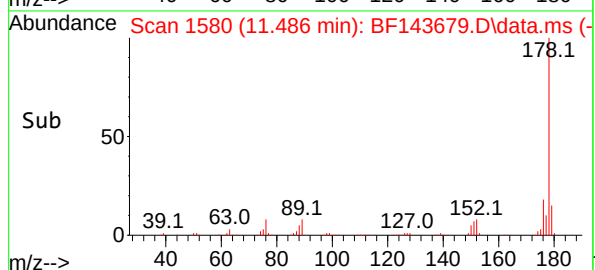
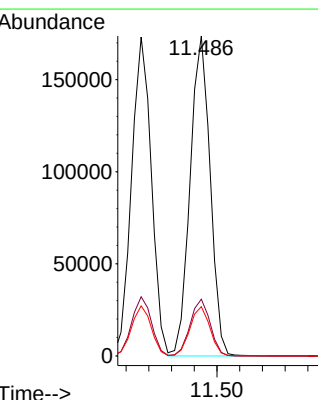
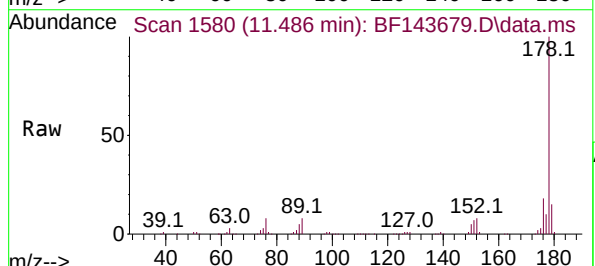
Tgt Ion:178 Resp: 212686

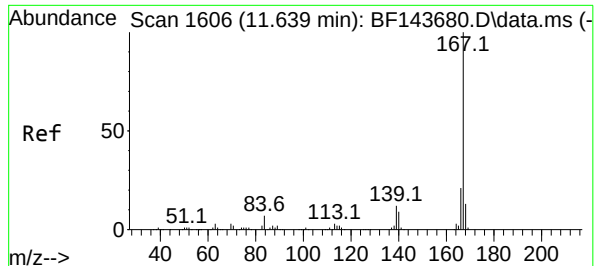
Ion Ratio Lower Upper

178 100

176 17.7 14.5 21.7

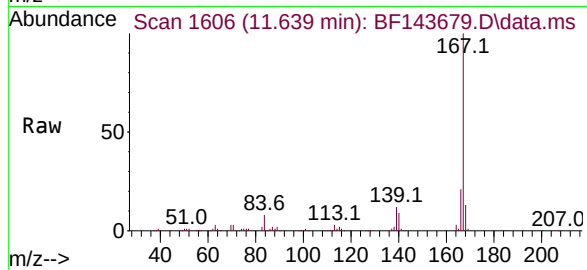
179 15.4 12.2 18.2





#73
Carbazole
Concen: 20.775 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

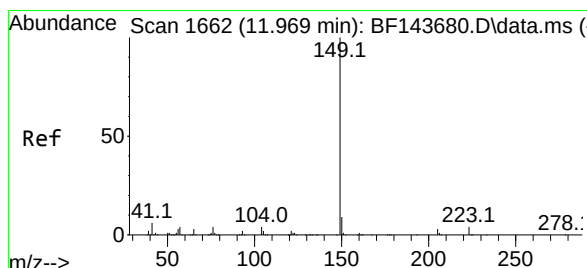
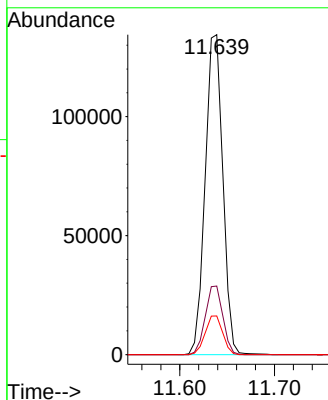
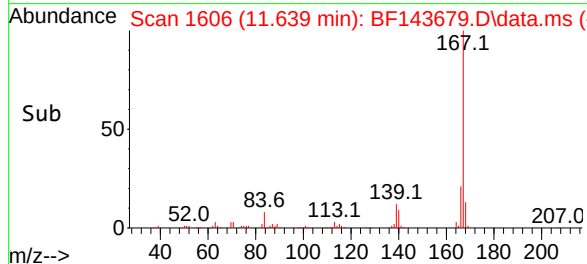
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



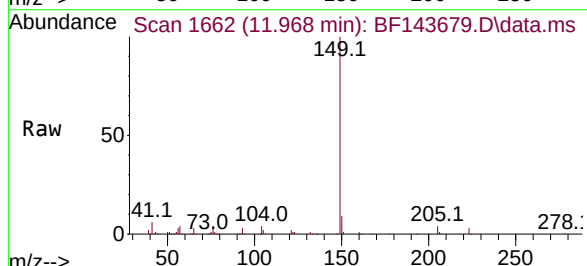
Tgt Ion:167 Resp: 174552
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 12.1 9.7 14.5

Manual Integrations
APPROVED

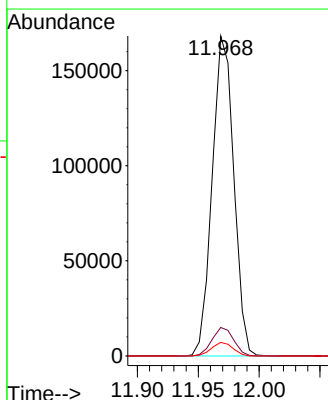
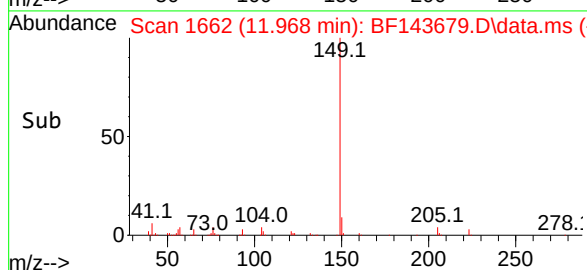
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

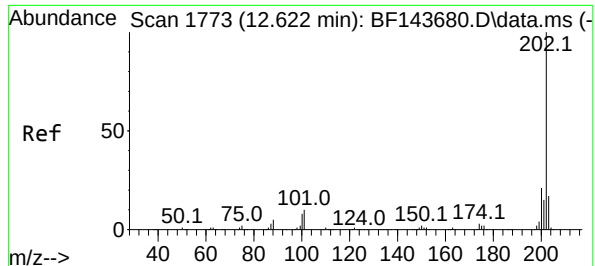


#74
Di-n-butylphthalate
Concen: 20.537 ng
RT: 11.968 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39



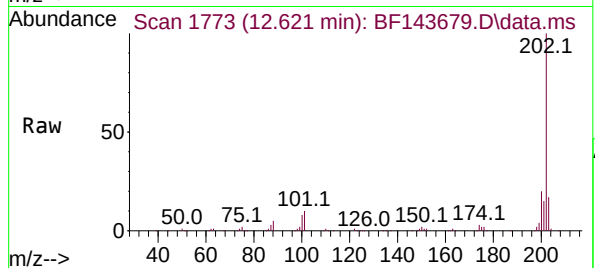
Tgt Ion:149 Resp: 207739
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.2 3.3 4.9





#75
Fluoranthene
Concen: 21.042 ng
RT: 12.621 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

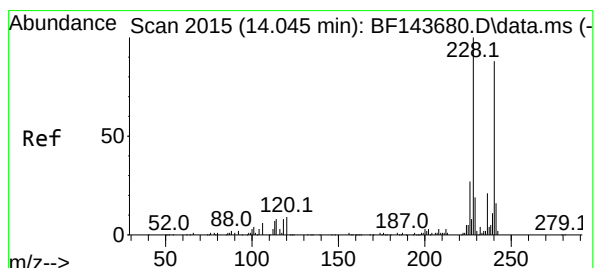
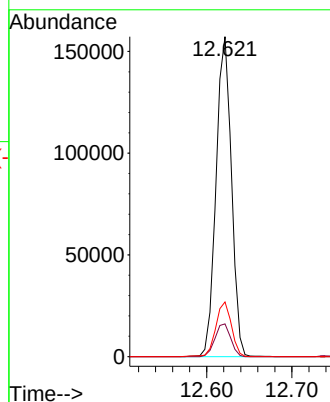
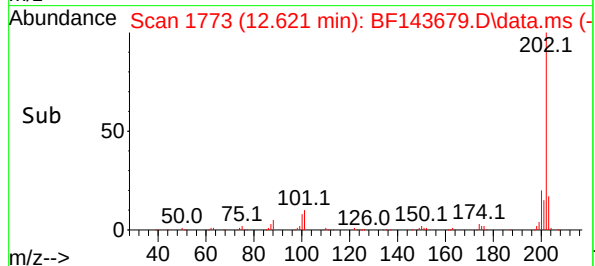
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



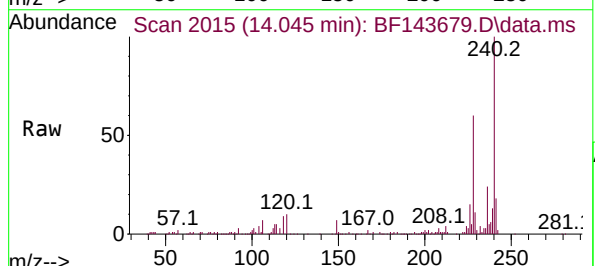
Tgt Ion:202 Resp: 197089
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.5
203 17.1 0.0 37.1

Manual Integrations
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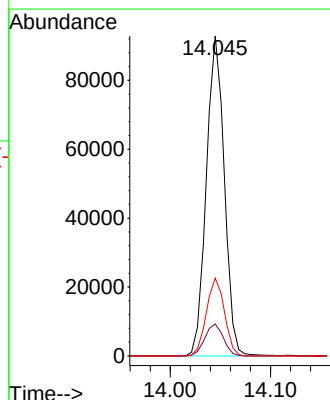
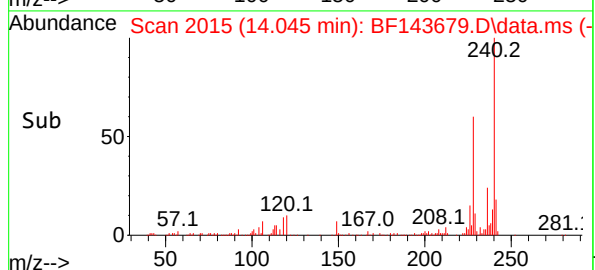
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

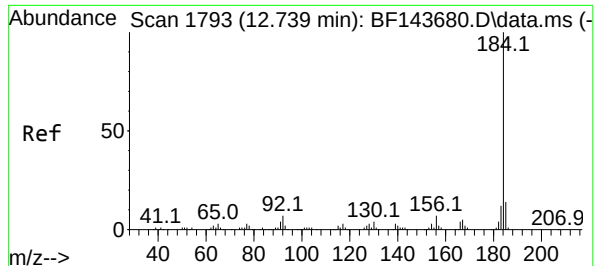


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39



Tgt Ion:240 Resp: 115456
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 24.3 18.6 28.0





#77

Benzidine

Concen: 18.430 ng

RT: 12.739 min Scan# 1793

Delta R.T. -0.000 min

Lab File: BF143679.D

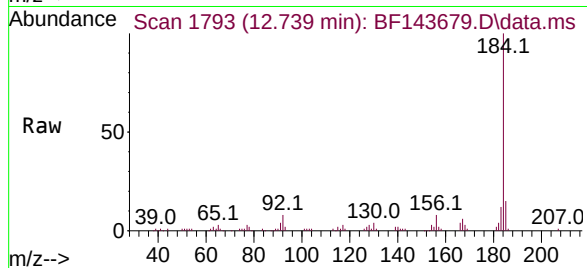
Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



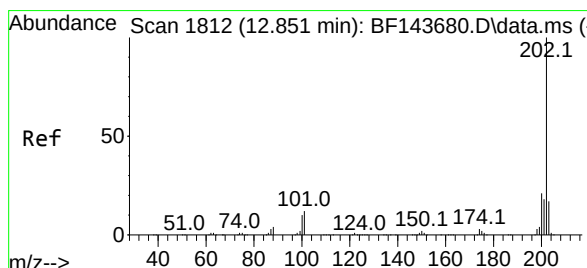
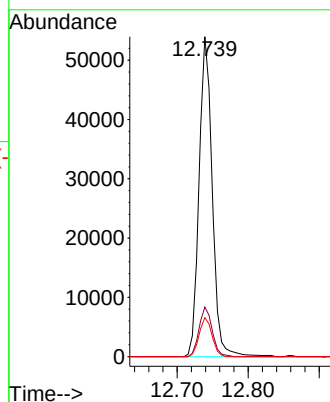
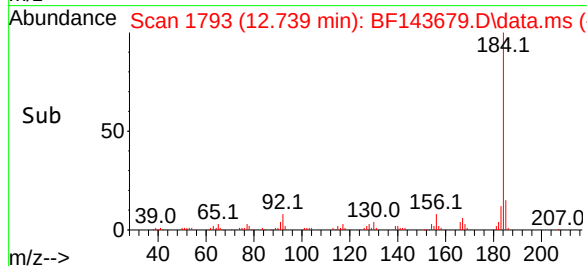
Tgt Ion:184	Resp:	69388
Ion	Ratio	Lower Upper
184	100	
185	15.5	11.5 17.3
183	12.2	9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#78

Pyrene

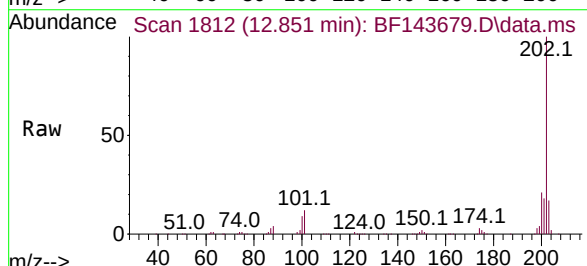
Concen: 21.334 ng

RT: 12.851 min Scan# 1812

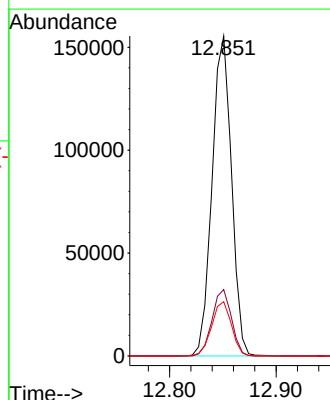
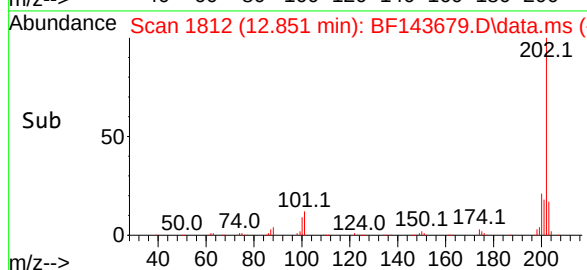
Delta R.T. -0.000 min

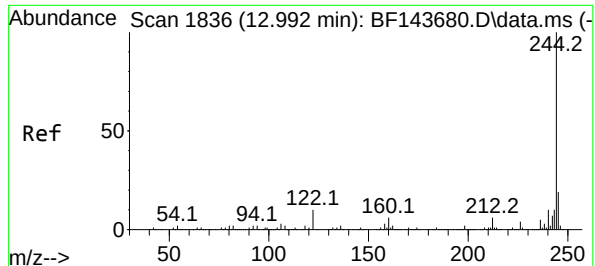
Lab File: BF143679.D

Acq: 09 Sep 2025 10:39



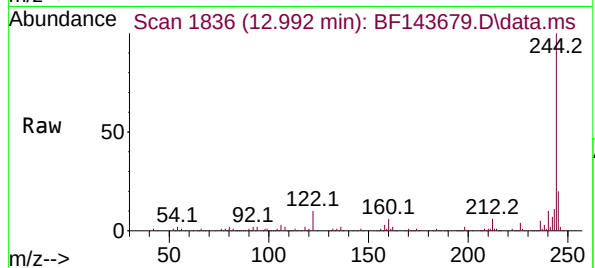
Tgt Ion:202	Resp:	196937
Ion	Ratio	Lower Upper
202	100	
200	20.7	16.6 24.8
203	16.9	13.5 20.3





#79
Terphenyl-d14
Concen: 41.565 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

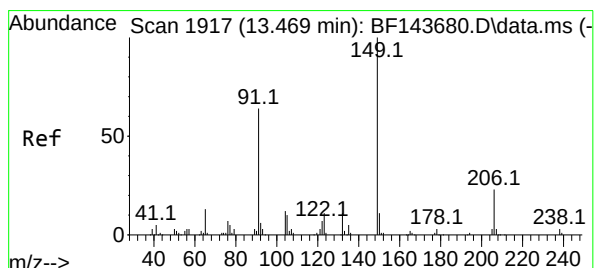
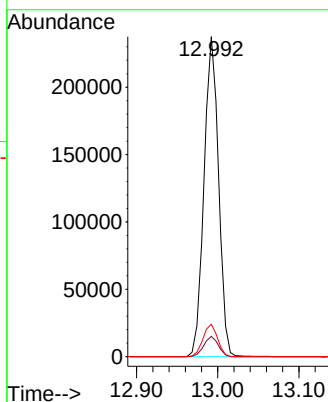
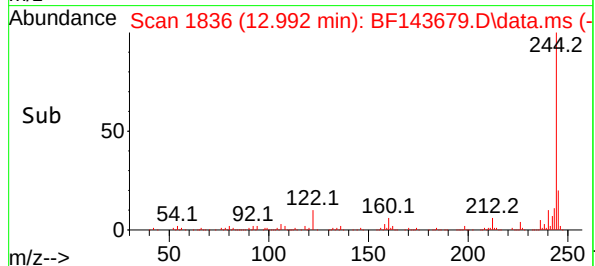
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



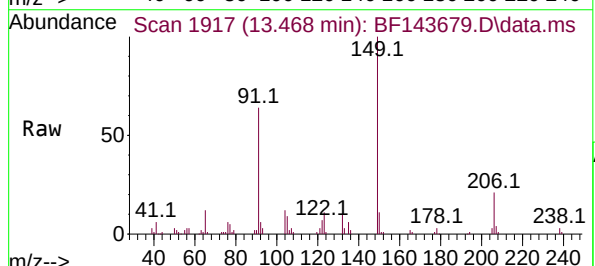
Tgt Ion:244 Resp: 296135
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.6
122 10.1 7.9 11.9

Manual Integrations
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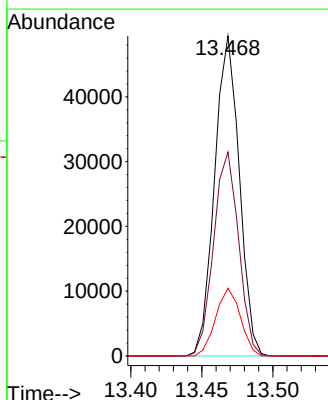
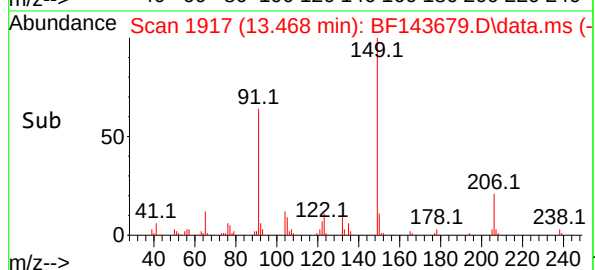
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

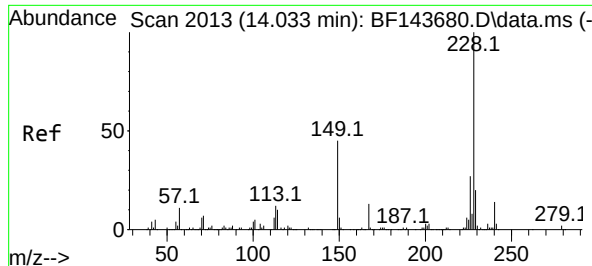


#80
Butylbenzylphthalate
Concen: 20.700 ng
RT: 13.468 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39



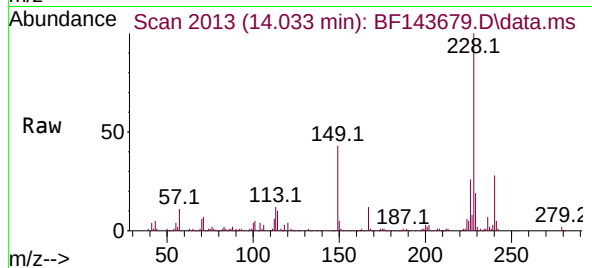
Tgt Ion:149 Resp: 59872
Ion Ratio Lower Upper
149 100
91 63.7 50.9 76.3
206 21.1 18.2 27.2





#81
Benzo(a)anthracene
Concen: 20.399 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

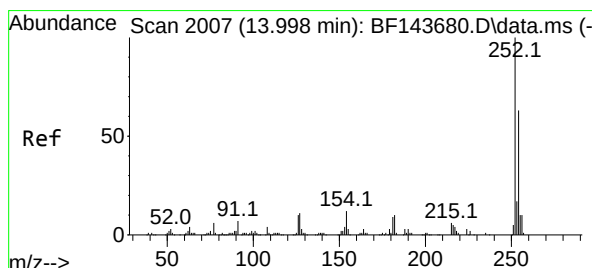
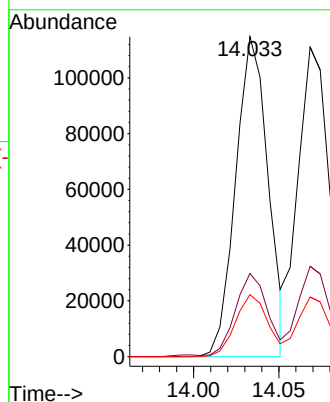
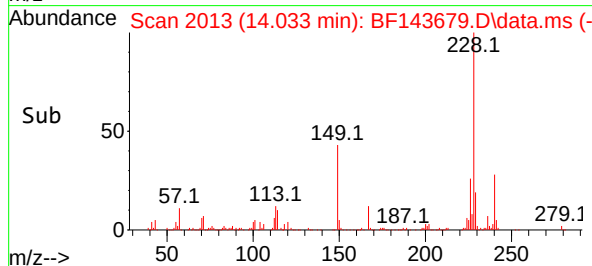
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 151517
Ion Ratio Lower Upper
228 100
226 26.0 21.6 32.4
229 19.4 15.7 23.5

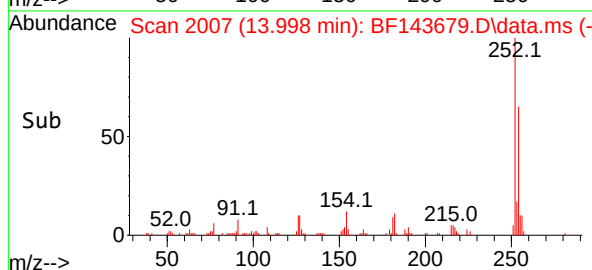
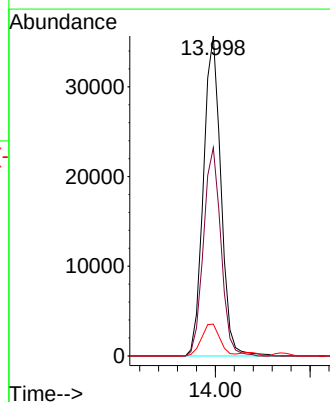
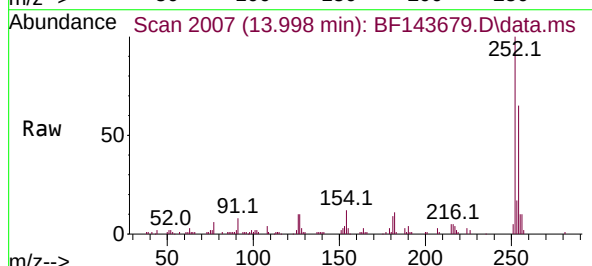
Manual Integrations
APPROVED

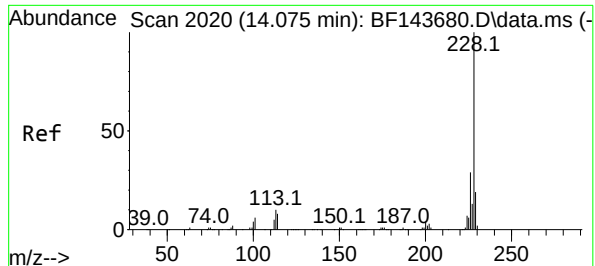
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 19.992 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

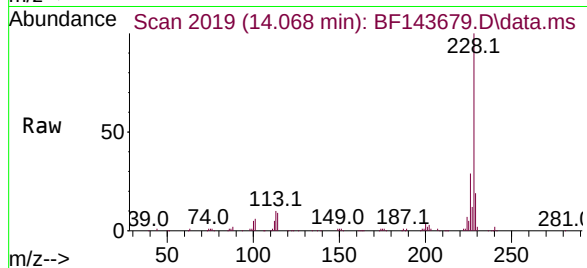
Tgt Ion:252 Resp: 45683
Ion Ratio Lower Upper
252 100
254 65.1 50.5 75.7
126 9.9 8.2 12.4





#83
Chrysene
Concen: 20.934 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

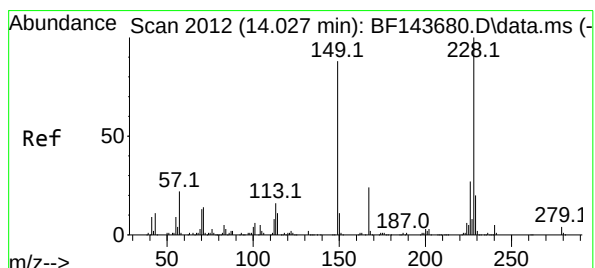
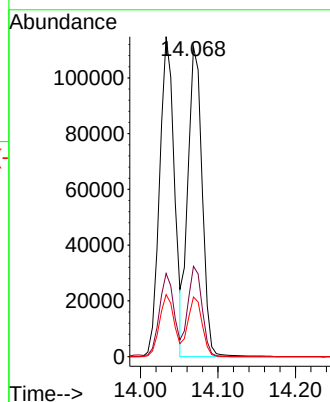
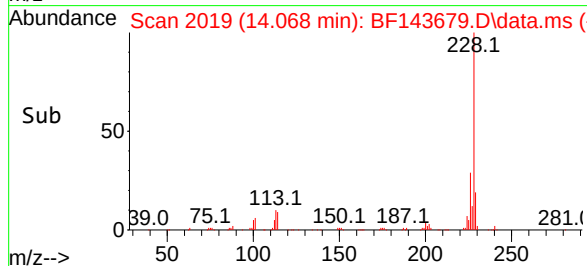
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 142412
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 19.3 15.1 22.7

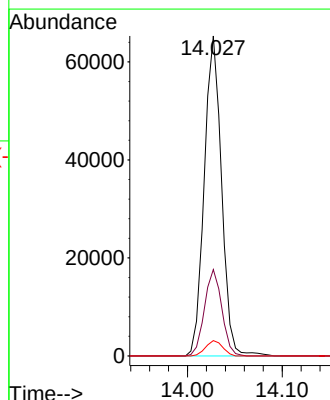
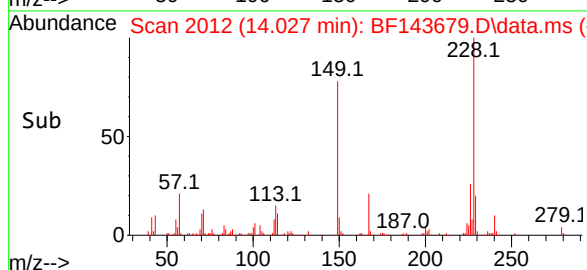
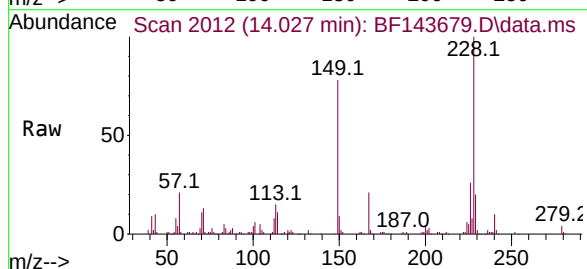
Manual Integrations
APPROVED

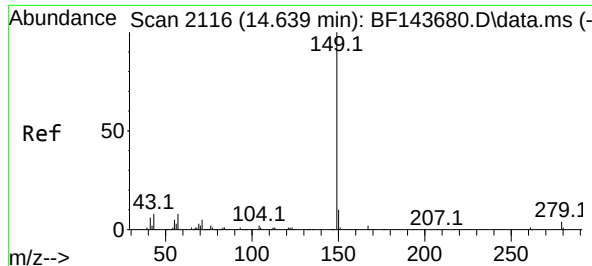
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.094 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

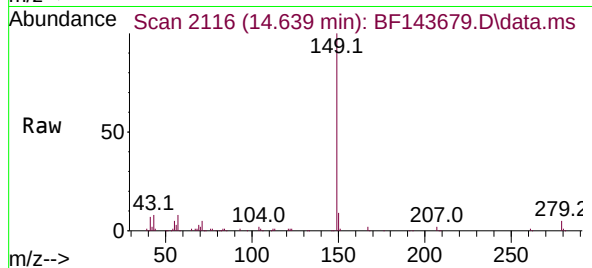
Tgt Ion:149 Resp: 82925
Ion Ratio Lower Upper
149 100
167 27.0 22.2 33.2
279 4.8 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 19.257 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

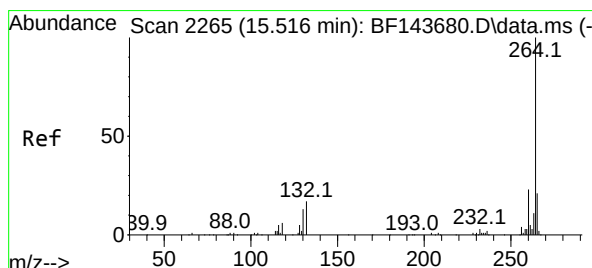
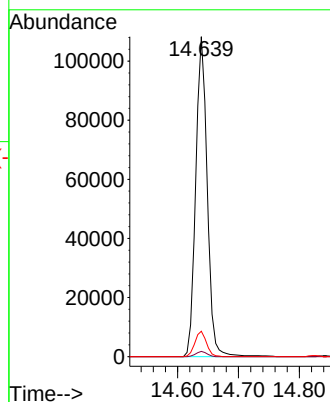
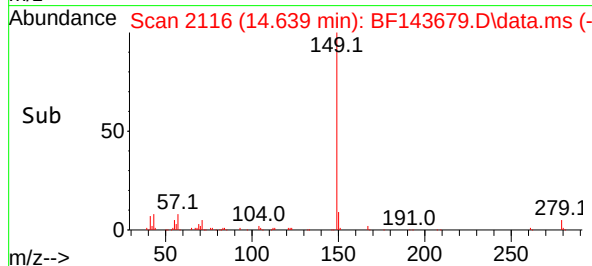
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



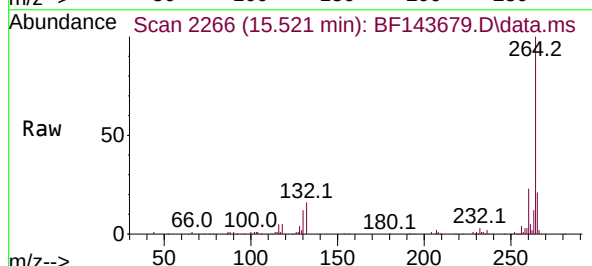
Tgt Ion:149 Resp: 142412
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.9 6.2 9.2

Manual Integrations
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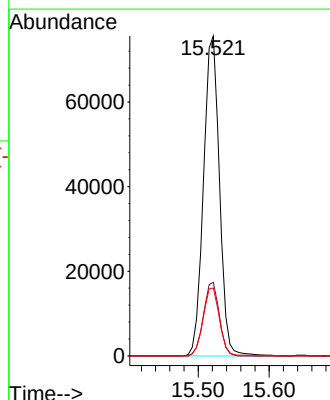
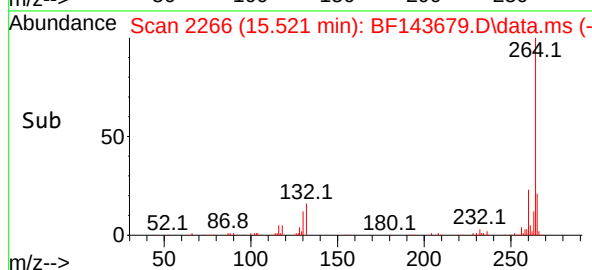
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

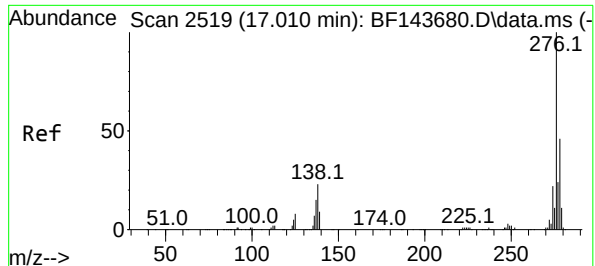


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39



Tgt Ion:264 Resp: 117544
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 21.2 17.1 25.7





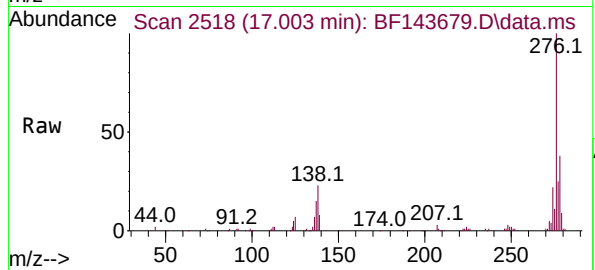
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.618 ng
RT: 17.003 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

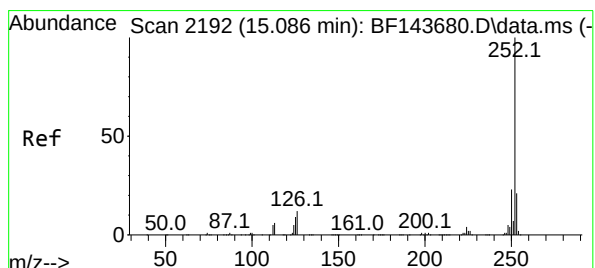
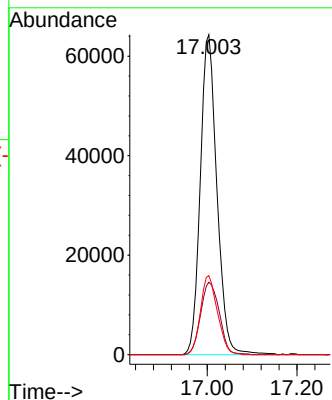
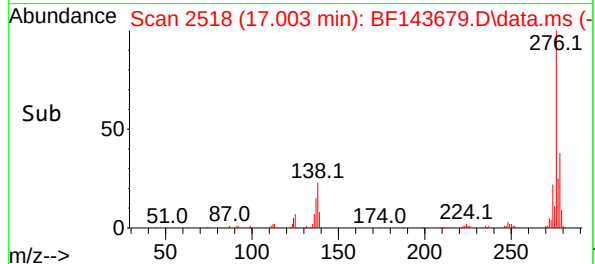


Tgt Ion:276 Resp: 165403
Ion Ratio Lower Upper
276 100
138 25.3 19.7 29.5
277 25.2 20.2 30.2

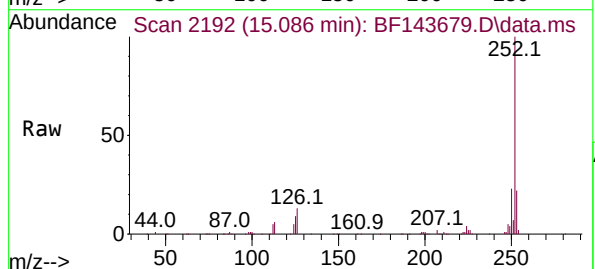
Manual Integrations

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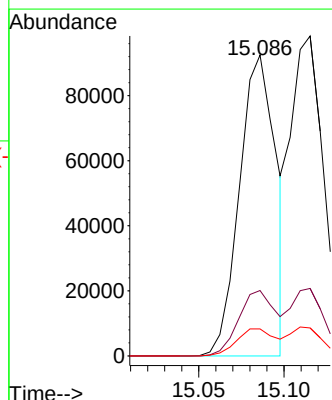
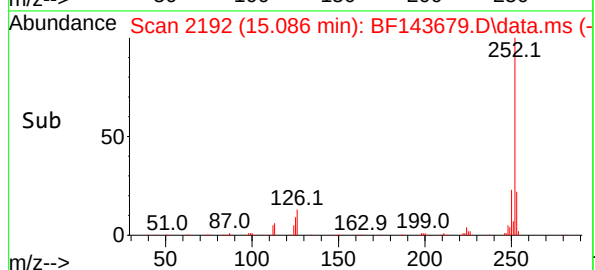
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

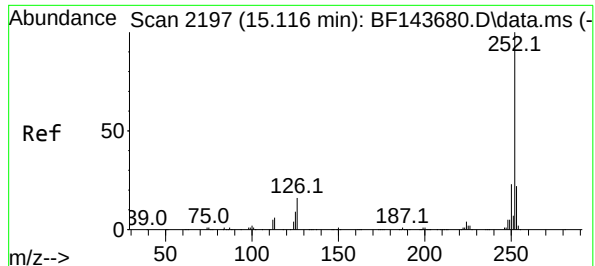


#88
Benzo(b)fluoranthene
Concen: 19.669 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39



Tgt Ion:252 Resp: 137629
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 9.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 21.183 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 133777

Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

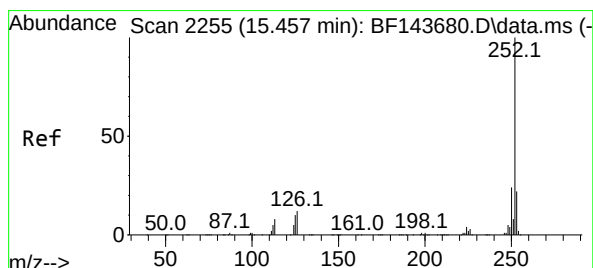
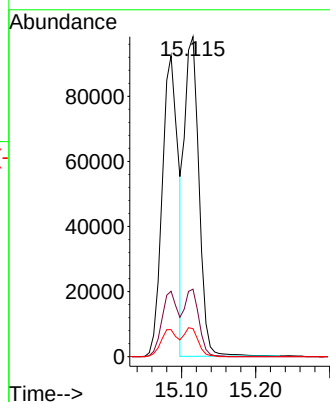
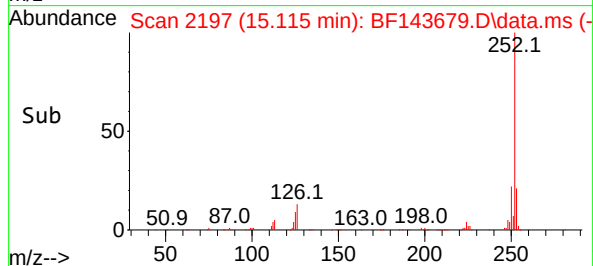
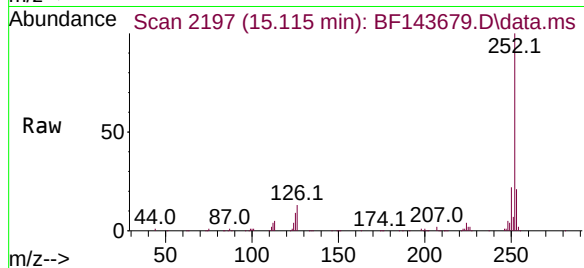
125 8.7 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#90

Benzo(a)pyrene

Concen: 20.233 ng

RT: 15.456 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF143679.D

Acq: 09 Sep 2025 10:39

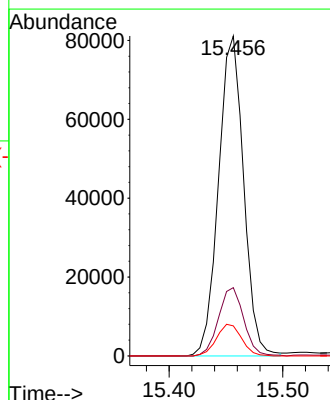
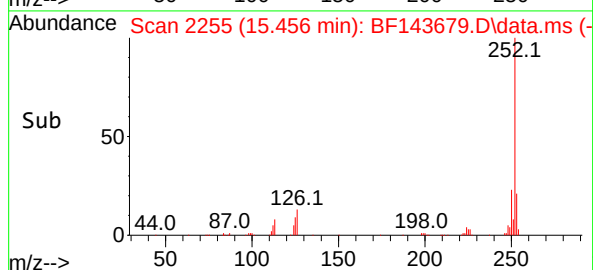
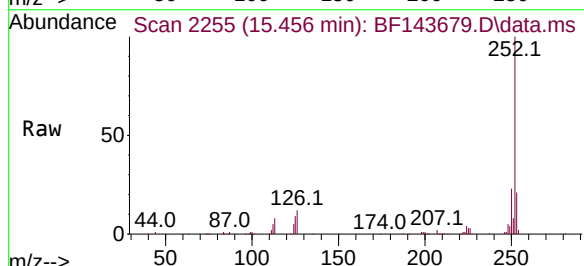
Tgt Ion:252 Resp: 124377

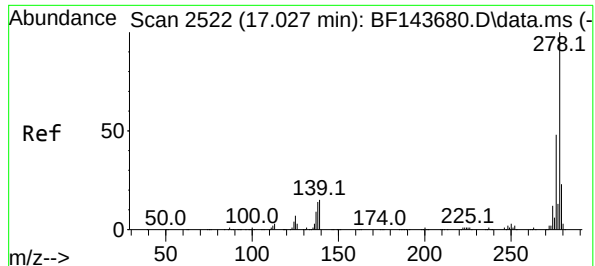
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

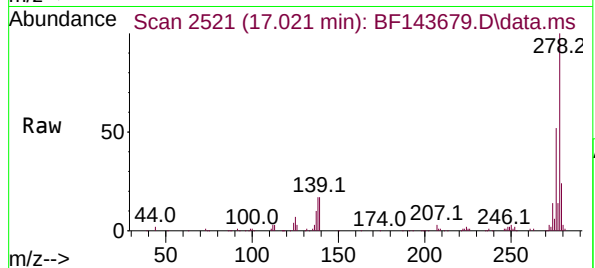
125 9.4 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 20.615 ng
RT: 17.021 min Scan# 2521
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

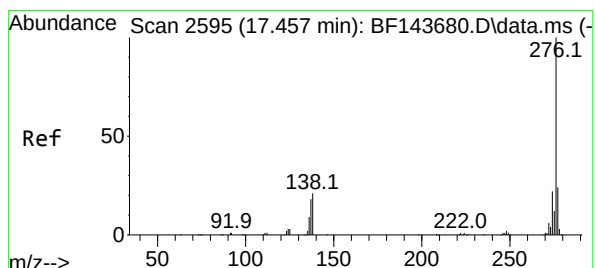
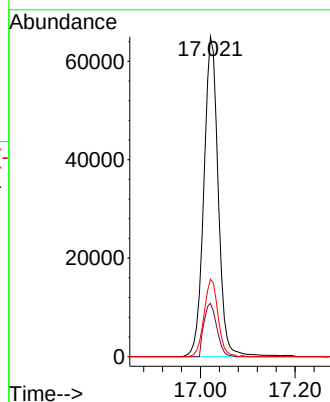
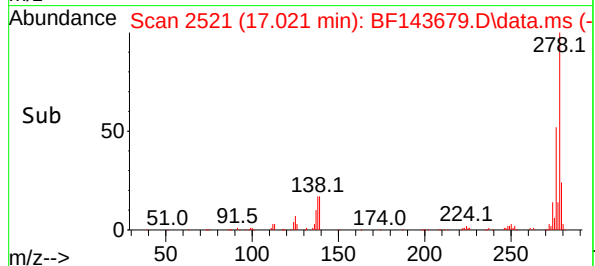
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 137209
Ion Ratio Lower Upper
278 100
139 16.6 12.2 18.4
279 24.2 18.7 28.1

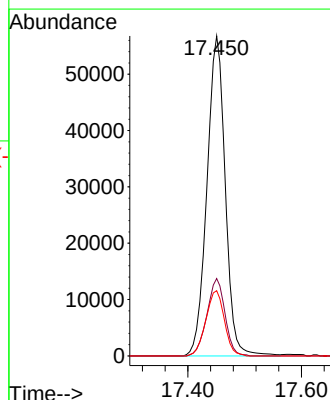
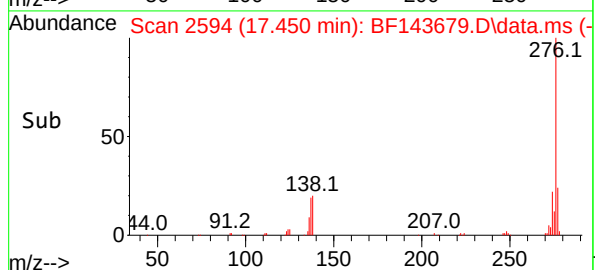
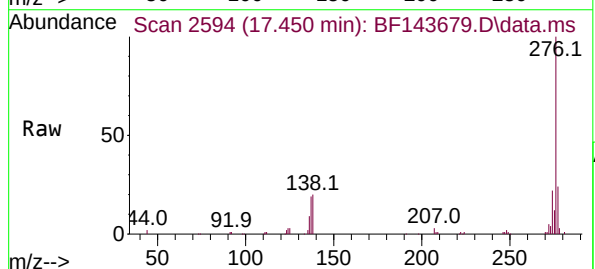
Manual Integrations
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Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#92
Benzo(g,h,i)perylene
Concen: 20.470 ng
RT: 17.450 min Scan# 2594
Delta R.T. -0.006 min
Lab File: BF143679.D
Acq: 09 Sep 2025 10:39

Tgt Ion:276 Resp: 127434
Ion Ratio Lower Upper
276 100
277 24.2 19.2 28.8
138 20.4 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143680.D
 Acq On : 09 Sep 2025 11:08
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:25:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	47169	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	183638	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	104252	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	165335	20.000	ng	0.00
76) Chrysene-d12	14.045	240	108683	20.000	ng	0.00
86) Perylene-d12	15.516	264	113725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	231423	83.708	ng	0.00
7) Phenol-d6	6.504	99	277083	82.312	ng	0.00
23) Nitrobenzene-d5	7.451	82	242752	82.223	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	86787	82.605	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	556021	80.568	ng	0.00
79) Terphenyl-d14	12.992	244	509820	76.017	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	50533	40.976	ng	100
3) Pyridine	3.434	79	132038	41.447	ng	100
4) n-Nitrosodimethylamine	3.381	42	49229	40.681	ng	100
6) Aniline	6.551	93	182625	40.961	ng	100
8) 2-Chlorophenol	6.669	128	122875	41.151	ng	100
9) Benzaldehyde	6.440	77	116644	42.947	ng	100
10) Phenol	6.522	94	151461m	40.704	ng	
11) bis(2-Chloroethyl)ether	6.622	93	113344	40.784	ng	100
12) 1,3-Dichlorobenzene	6.834	146	141494	41.434	ng	100
13) 1,4-Dichlorobenzene	6.910	146	141426	41.031	ng	100
14) 1,2-Dichlorobenzene	7.063	146	133199	40.922	ng	100
15) Benzyl Alcohol	7.028	79	100930	41.219	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	151468	41.659	ng	100
17) 2-Methylphenol	7.134	107	98232	40.896	ng	100
18) Hexachloroethane	7.404	117	46442	41.711	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	84284	40.768	ng	100
20) 3+4-Methylphenols	7.287	107	132548	41.905	ng	100
22) Acetophenone	7.298	105	166474	40.139	ng	100
24) Nitrobenzene	7.469	77	125270	40.921	ng	100
25) Isophorone	7.710	82	229325	40.508	ng	100
26) 2-Nitrophenol	7.787	139	62466	41.502	ng	100
27) 2,4-Dimethylphenol	7.816	122	108371	40.107	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	140865	40.489	ng	100
29) 2,4-Dichlorophenol	8.022	162	112730	41.475	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	114331	40.602	ng	100
31) Naphthalene	8.193	128	367480	40.424	ng	100
32) Benzoic acid	7.910	122	70556m	42.800	ng	
33) 4-Chloroaniline	8.240	127	128117	40.483	ng	100
34) Hexachlorobutadiene	8.310	225	74998	40.834	ng	100
35) Caprolactam	8.604	113	29280	40.475	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	112361	41.926	ng	100
37) 2-Methylnaphthalene	8.881	142	249730	40.131	ng	100
38) 1-Methylnaphthalene	8.981	142	240789	40.320	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	120893	40.506	ng	100
41) Hexachlorocyclopentadiene	9.040	237	64250	41.931	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	83786	42.042	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143680.D
 Acq On : 09 Sep 2025 11:08
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:25:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	83964	41.443	ng	100
46) 1,1'-Biphenyl	9.345	154	308203	41.065	ng	100
47) 2-Chloronaphthalene	9.375	162	241460	41.038	ng	100
48) 2-Nitroaniline	9.463	65	64957	41.717	ng	100
49) Acenaphthylene	9.787	152	342828	40.676	ng	100
50) Dimethylphthalate	9.639	163	275767	40.656	ng	100
51) 2,6-Dinitrotoluene	9.704	165	54581	42.086	ng	100
52) Acenaphthene	9.957	154	236114	40.654	ng	100
53) 3-Nitroaniline	9.875	138	58440	41.873	ng	100
54) 2,4-Dinitrophenol	9.975	184	25316	39.342	ng	100
55) Dibenzofuran	10.128	168	336132	40.249	ng	100
56) 4-Nitrophenol	10.016	139	46445	41.829	ng	100
57) 2,4-Dinitrotoluene	10.104	165	74327	42.110	ng	100
58) Fluorene	10.475	166	267557	40.928	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	68379	41.623	ng	100
60) Diethylphthalate	10.345	149	259562	40.760	ng	100
61) 4-Chlorophenyl-phenylether	10.469	204	135281	40.803	ng	100
62) 4-Nitroaniline	10.486	138	55128	41.705	ng	100
63) Azobenzene	10.628	77	228960	40.670	ng	100
65) 4,6-Dinitro-2-methylphthalate	10.510	198	35103	41.701	ng	100
66) n-Nitrosodiphenylamine	10.581	169	223544	41.272	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	84304	42.283	ng	100
68) Hexachlorobenzene	11.022	284	86656	41.162	ng	100
69) Atrazine	11.104	200	68140	40.123	ng	100
70) Pentachlorophenol	11.210	266	54265	42.640	ng	100
71) Phenanthrene	11.434	178	368361	40.436	ng	100
72) Anthracene	11.486	178	375041	40.944	ng	100
73) Carbazole	11.639	167	305808	40.765	ng	100
74) Di-n-butylphthalate	11.969	149	369098	40.868	ng	100
75) Fluoranthene	12.622	202	333725	39.906	ng	100
77) Benzidine	12.739	184	142412	40.182	ng	100
78) Pyrene	12.851	202	332356	38.247	ng	100
80) Butylbenzylphthalate	13.469	149	112482	41.314	ng	100
81) Benzo(a)anthracene	14.033	228	270771	38.726	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	88020	40.919	ng	100
83) Chrysene	14.075	228	257577	40.223	ng	100
84) Bis(2-ethylhexyl)phthalate	14.027	149	165062	42.490	ng	100
85) Di-n-octyl phthalate	14.639	149	290289	41.700	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	327534	42.200	ng	100
88) Benzo(b)fluoranthene	15.086	252	262466	38.770	ng	100
89) Benzo(k)fluoranthene	15.116	252	265883	43.517	ng	100
90) Benzo(a)pyrene	15.457	252	246850	41.505	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	269482	41.849	ng	100
92) Benzo(g,h,i)perylene	17.457	276	250547	41.597	ng	100

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

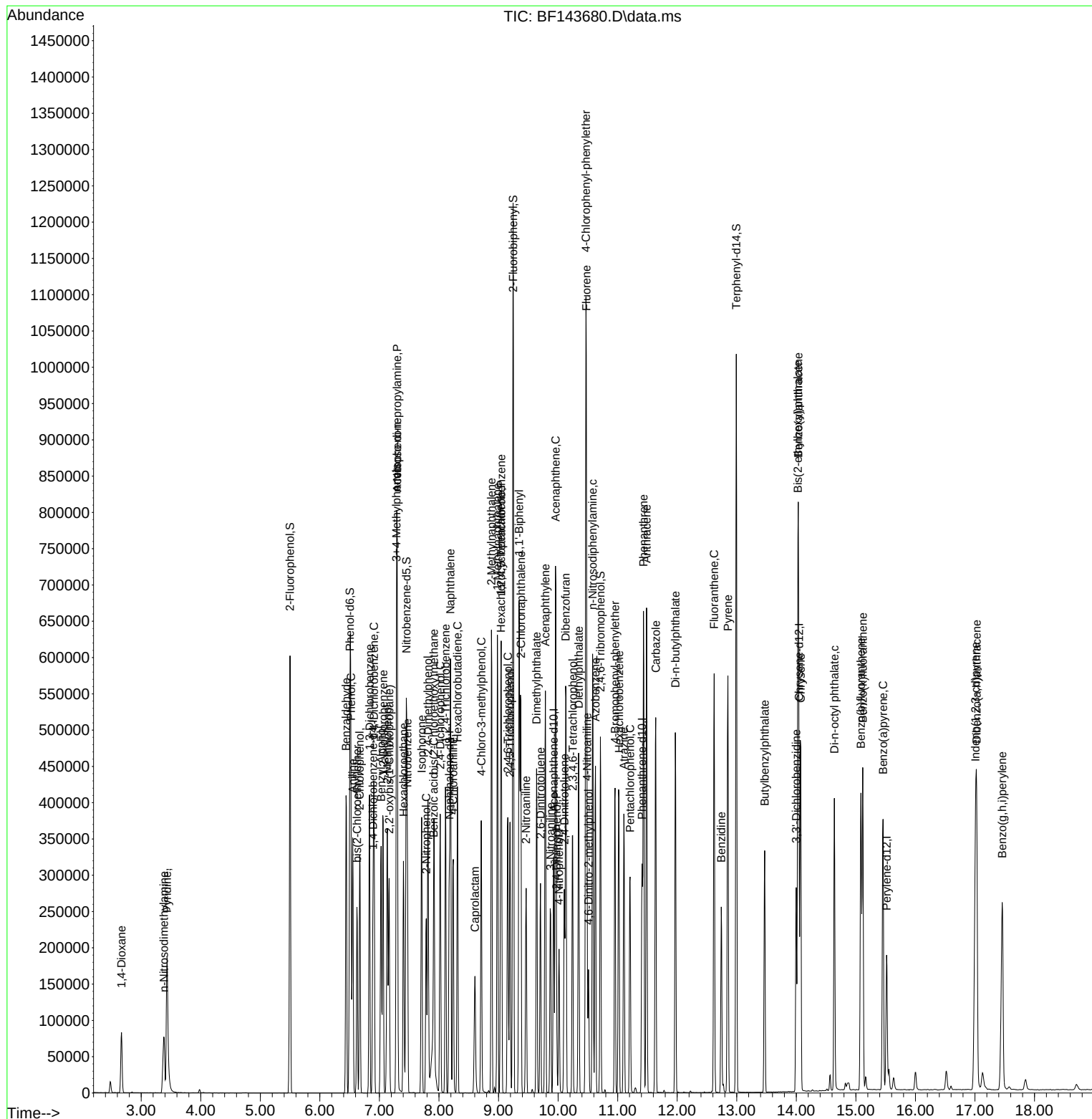
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Data File : BF143680.D
Acq On : 09 Sep 2025 11:08
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

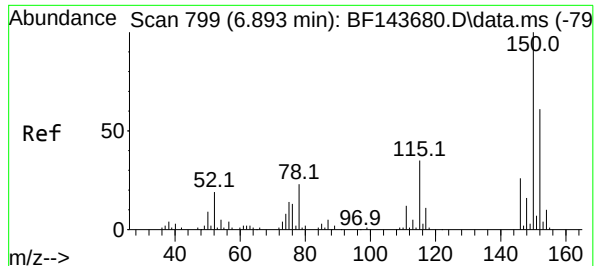
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

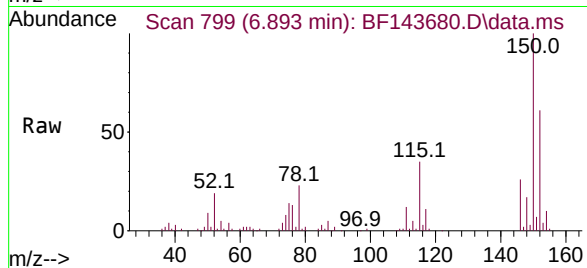
Quant Time: Sep 09 15:25:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

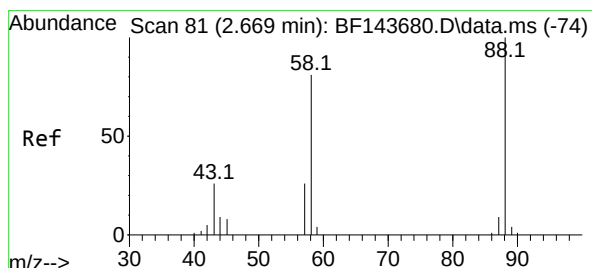
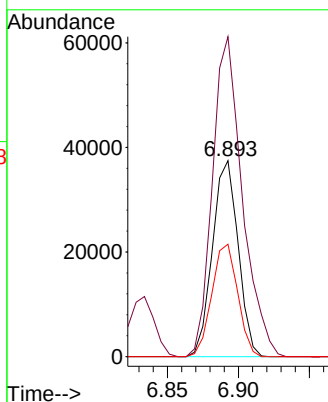
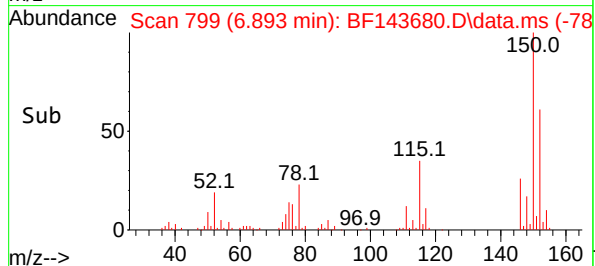
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 47169
Ion Ratio Lower Upper
152 100
150 163.4 130.7 196.1
115 57.4 45.9 68.9

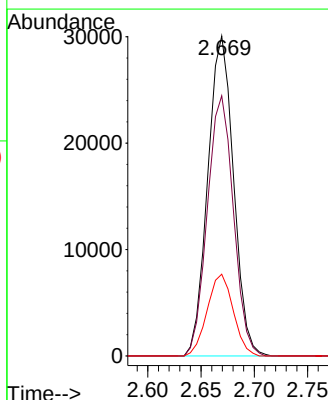
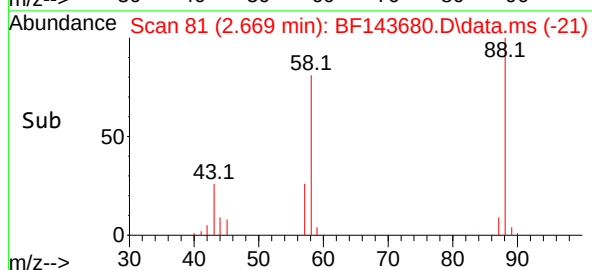
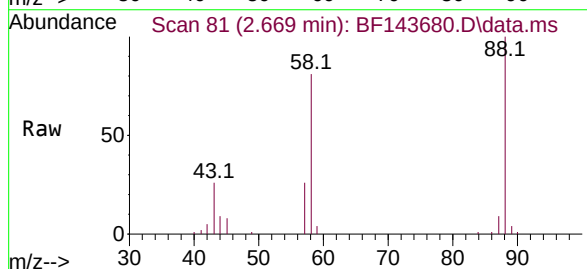
Manual Integrations
APPROVED

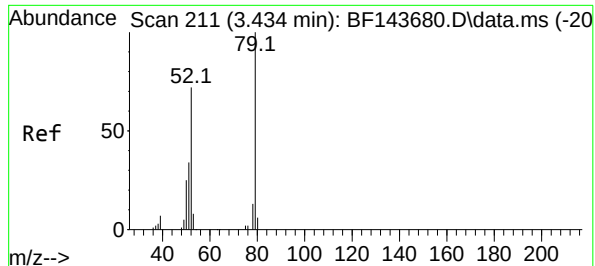
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#2
1,4-Dioxane
Concen: 40.976 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion: 88 Resp: 50533
Ion Ratio Lower Upper
88 100
58 82.2 65.8 98.6
43 25.8 20.6 31.0





#3

Pyridine

Concen: 41.447 ng

RT: 3.434 min Scan# 211

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 132038

Ion Ratio Lower Upper

79 100

52 71.5 57.2 85.8

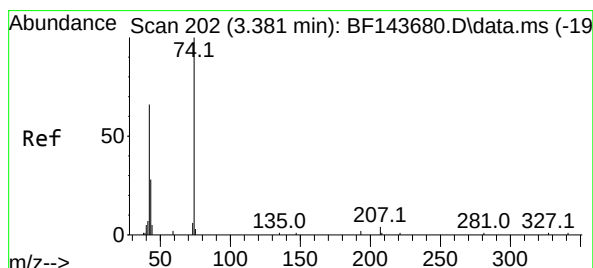
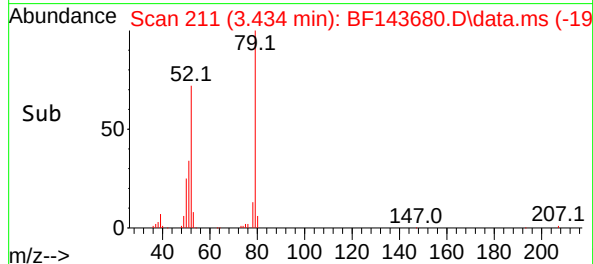
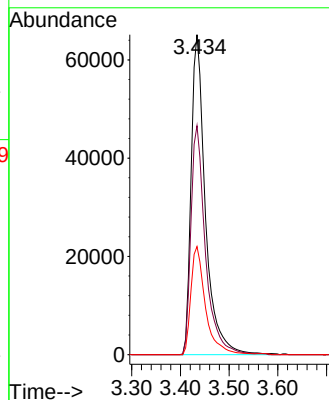
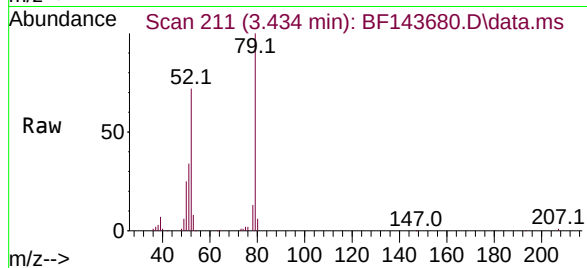
51 33.8 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#4

n-Nitrosodimethylamine

Concen: 40.681 ng

RT: 3.381 min Scan# 202

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

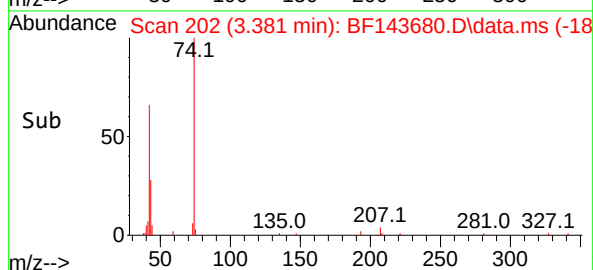
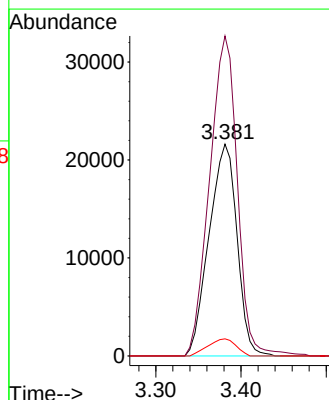
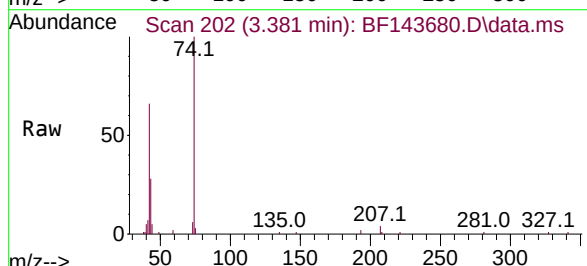
Tgt Ion: 42 Resp: 49229

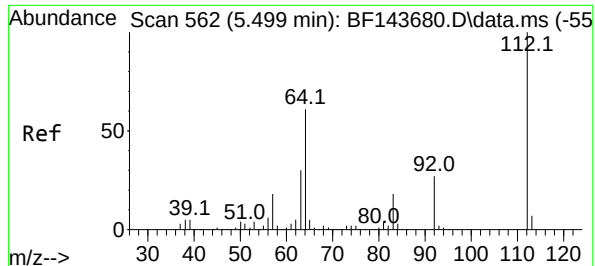
Ion Ratio Lower Upper

42 100

74 151.1 120.9 181.3

44 8.1 6.5 9.7





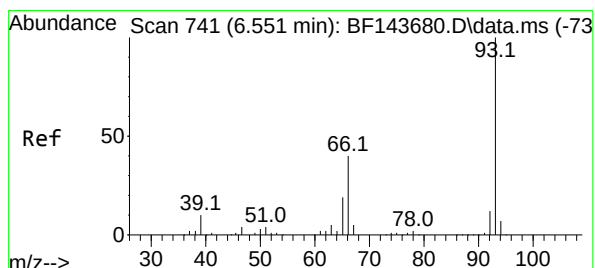
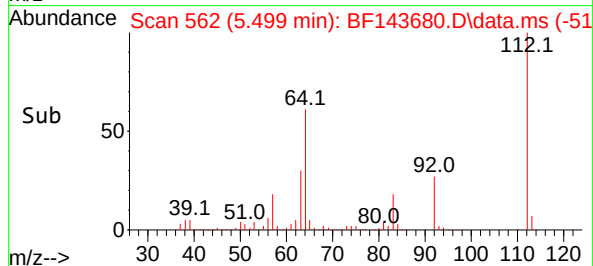
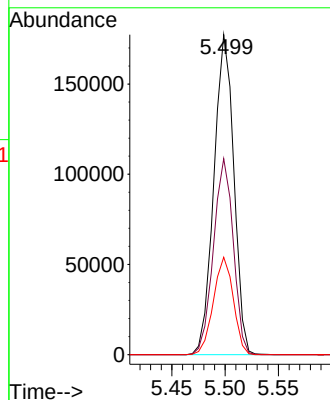
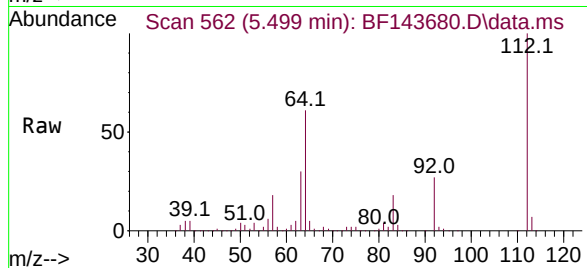
#5
2-Fluorophenol
Concen: 83.708 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
Client Sample Id :
SSTDICCC040

Tgt Ion: 112 Resp: 231423
Ion Ratio Lower Upper
112 100
64 61.2 49.0 73.4
63 30.4 24.3 36.5

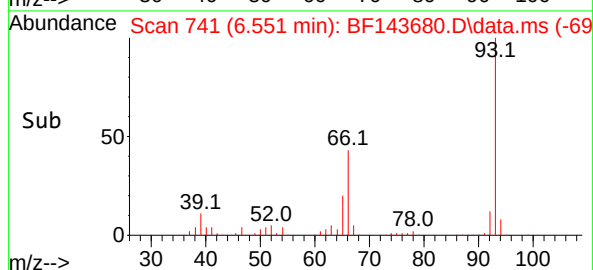
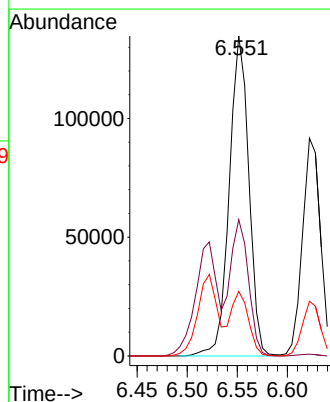
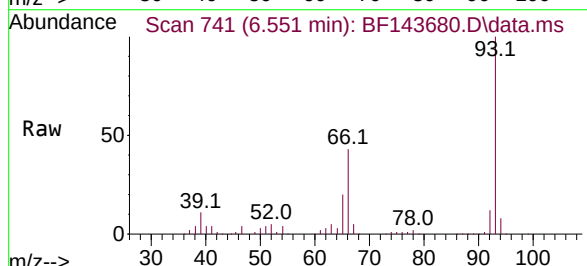
Manual Integrations
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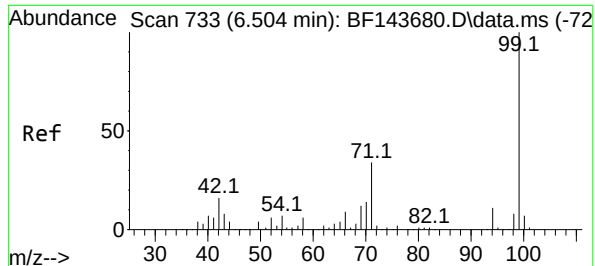
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#6
Aniline
Concen: 40.961 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion: 93 Resp: 182625
Ion Ratio Lower Upper
93 100
66 42.6 34.1 51.1
65 20.1 16.1 24.1





#7

Phenol-d6

Concen: 82.312 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 277083

Ion Ratio Lower Upper

99 100

42 16.2 13.0 19.4

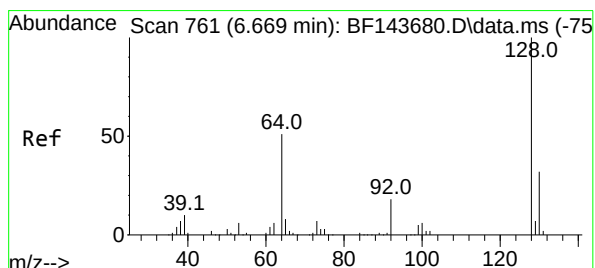
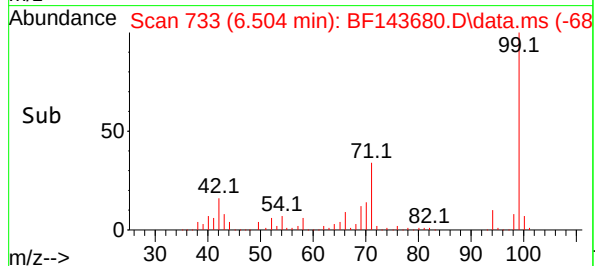
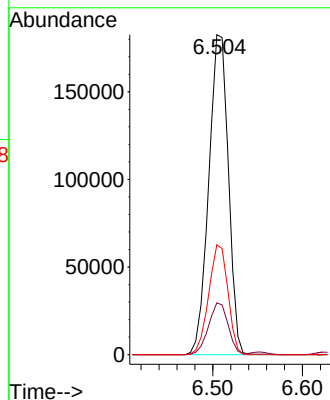
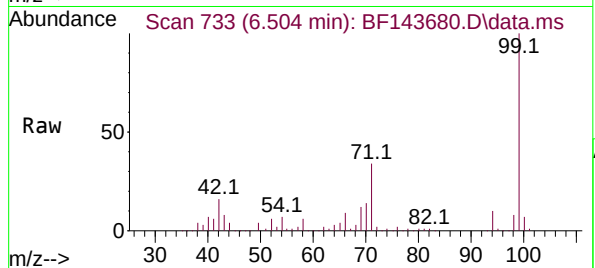
71 34.3 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#8

2-Chlorophenol

Concen: 41.151 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

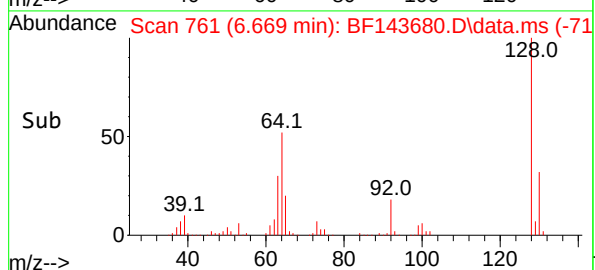
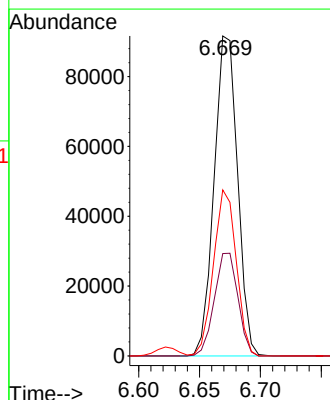
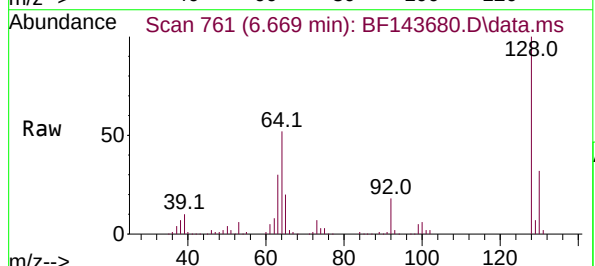
Tgt Ion:128 Resp: 122875

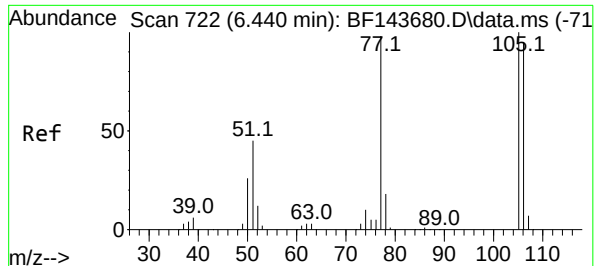
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 51.9 31.9 71.9





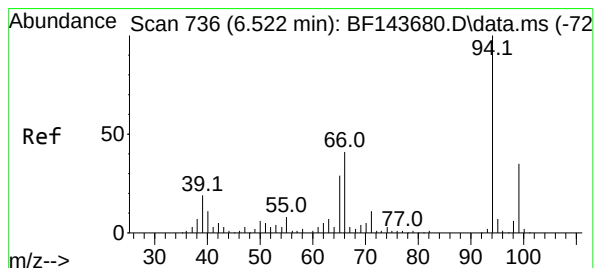
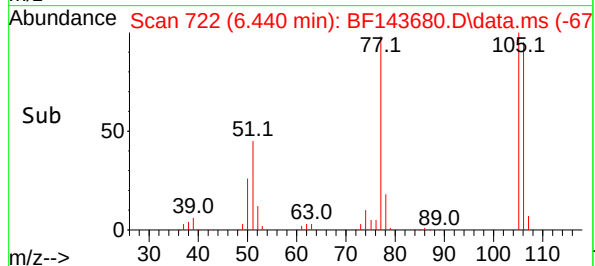
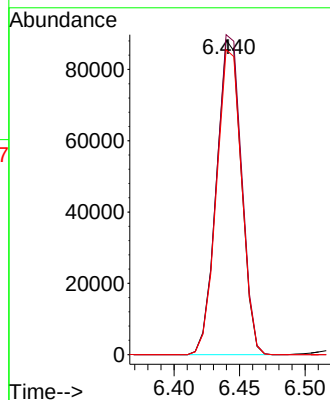
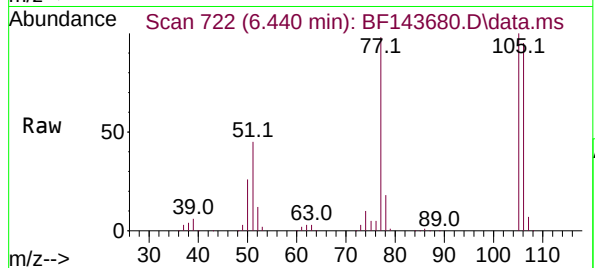
#9
Benzaldehyde
Concen: 42.947 ng
RT: 6.440 min Scan# 722
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 116644
Ion Ratio Lower Upper
77 100
105 101.7 81.7 121.7
106 96.9 76.9 116.9

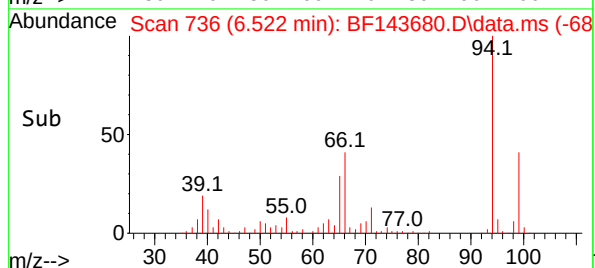
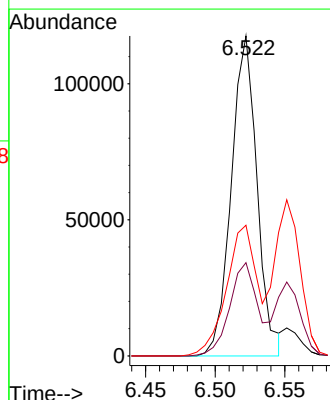
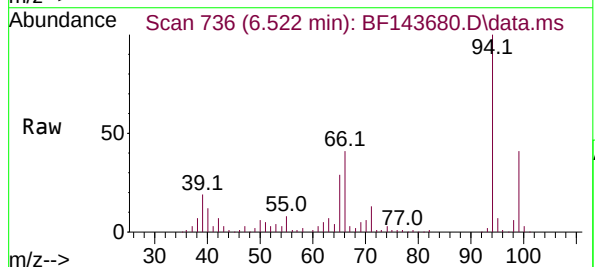
Manual Integrations
APPROVED

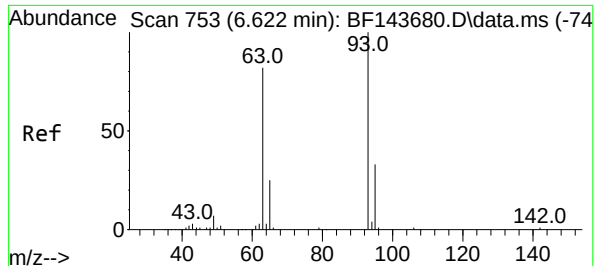
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#10
Phenol
Concen: 40.704 ng m
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion: 94 Resp: 151461
Ion Ratio Lower Upper
94 100
65 29.1 9.1 49.1
66 40.8 20.8 60.8





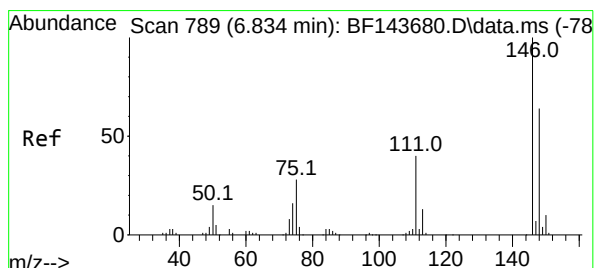
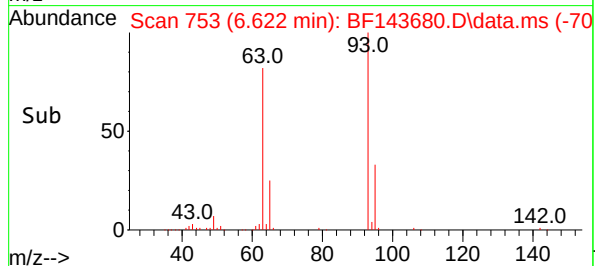
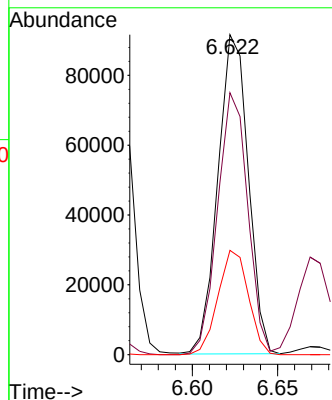
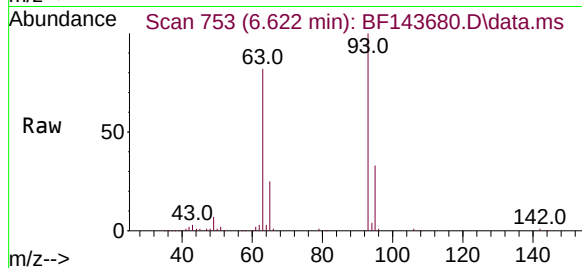
#11
bis(2-Chloroethyl)ether
Concen: 40.784 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 113344
Ion Ratio Lower Upper
93 100
63 81.8 61.8 101.8
95 32.6 12.6 52.6

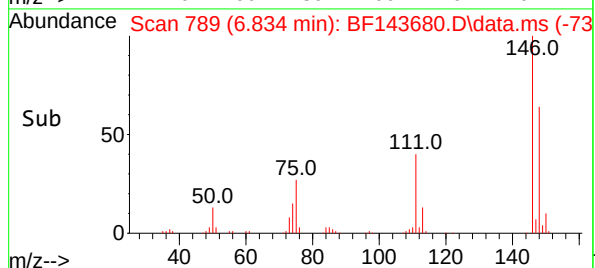
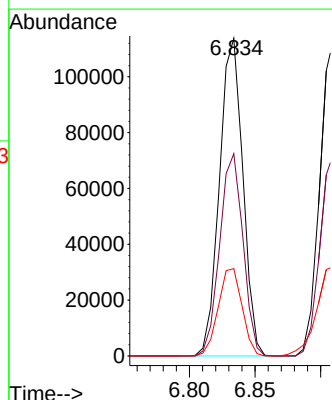
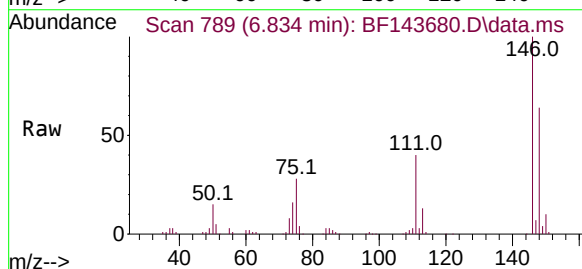
Manual Integrations
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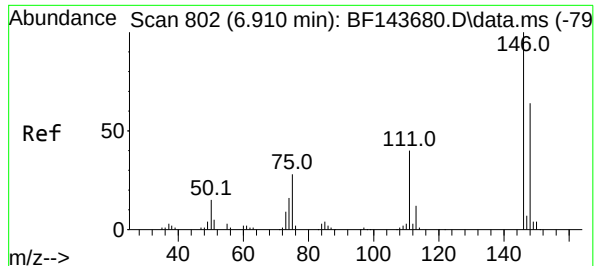
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#12
1,3-Dichlorobenzene
Concen: 41.434 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:146 Resp: 141494
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 27.5 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 41.031 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 141426

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

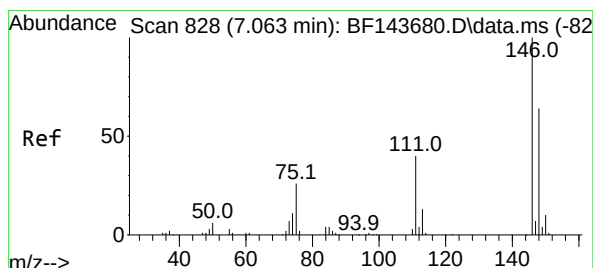
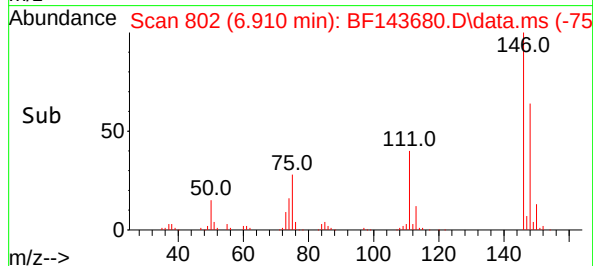
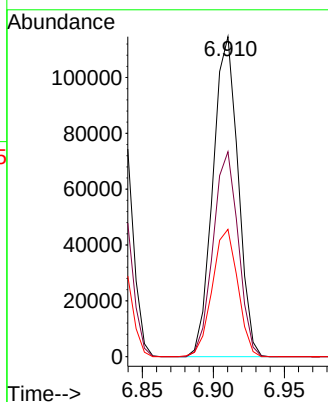
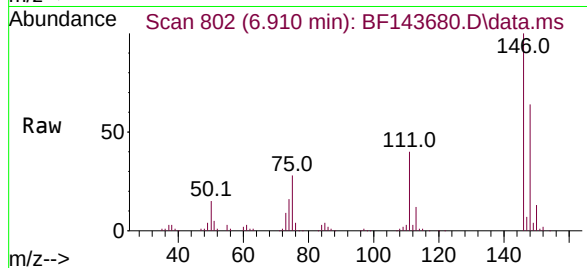
111 39.8 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#14

1,2-Dichlorobenzene

Concen: 40.922 ng

RT: 7.063 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

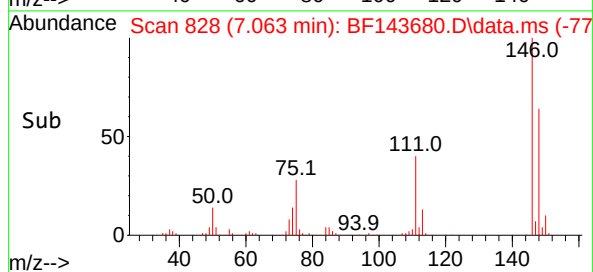
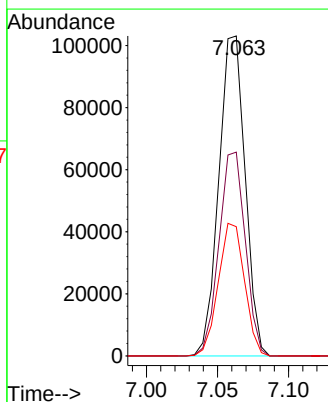
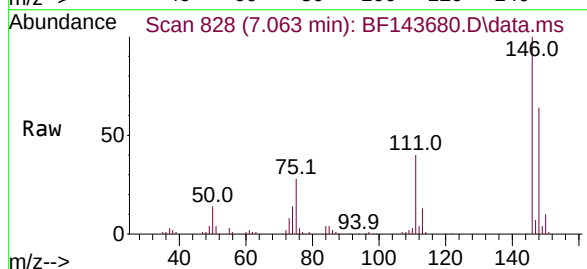
Tgt Ion:146 Resp: 133199

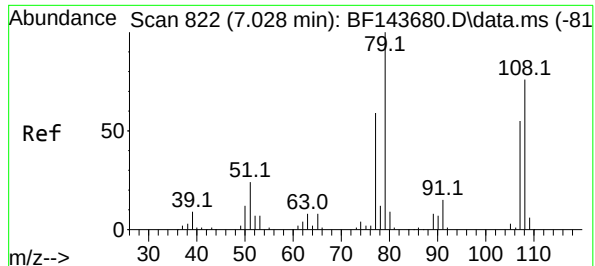
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 40.4 32.3 48.5





#15

Benzyl Alcohol

Concen: 41.219 ng

RT: 7.028 min Scan# 822

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 100930

Ion Ratio Lower Upper

79 100

108 76.1 60.9 91.3

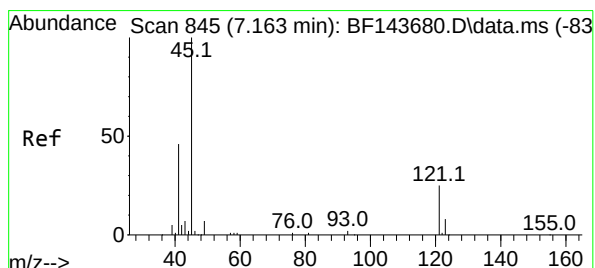
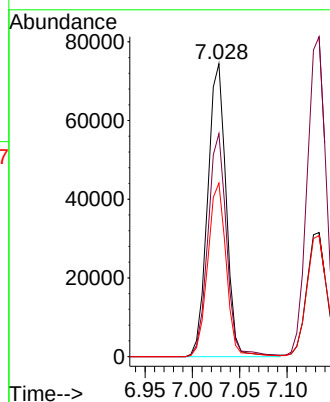
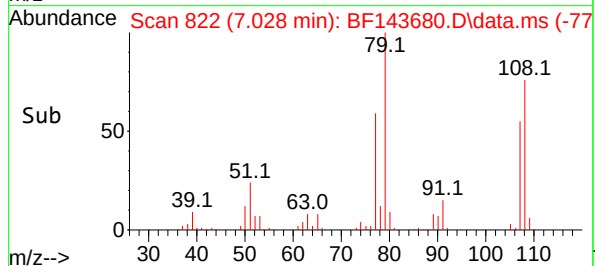
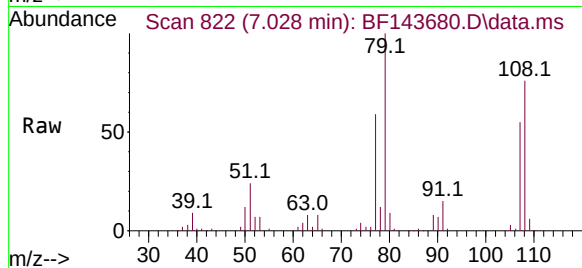
77 59.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.659 ng

RT: 7.163 min Scan# 845

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

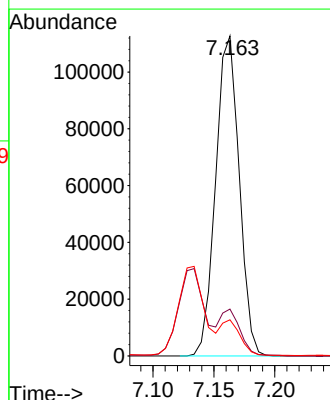
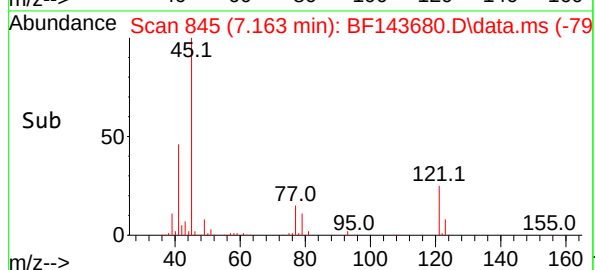
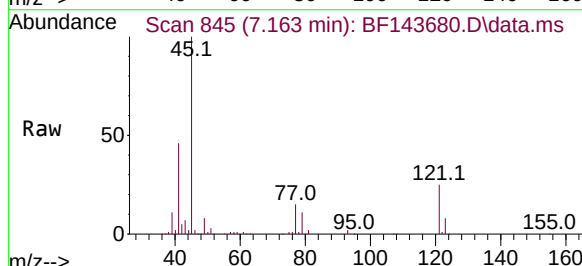
Tgt Ion: 45 Resp: 151468

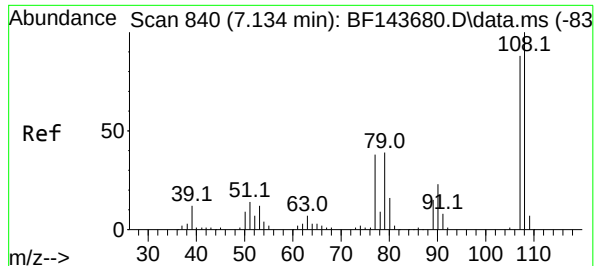
Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.6

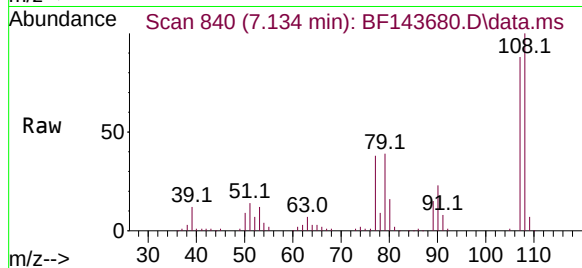
79 11.3 0.0 31.3





#17
2-Methylphenol
Concen: 40.896 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

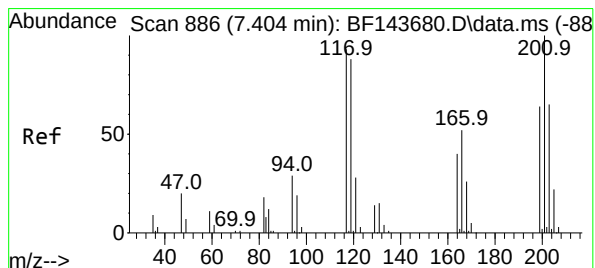
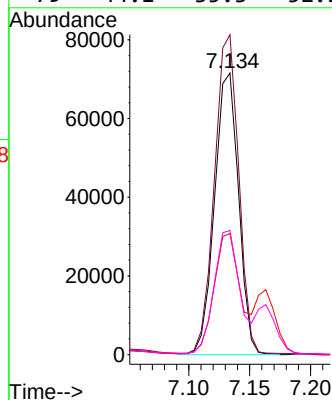
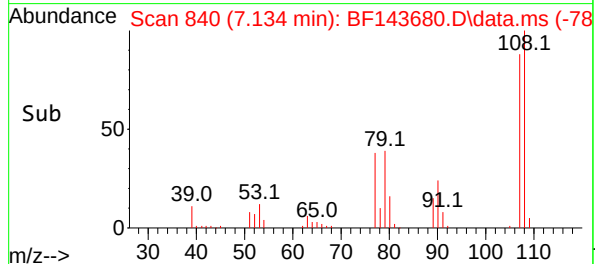
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



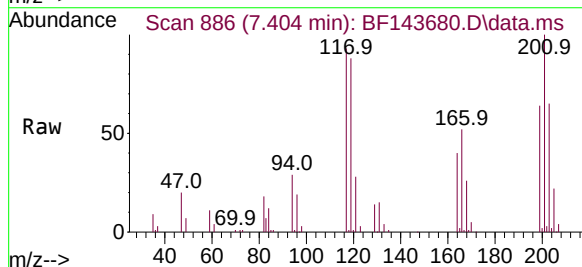
Tgt Ion:107 Resp: 98232
Ion Ratio Lower Upper
107 100
108 113.6 90.9 136.3
77 43.0 34.4 51.6
79 44.1 35.3 52.9

Manual Integrations
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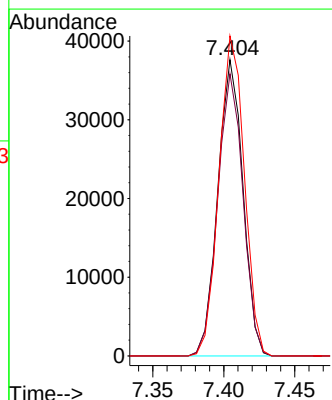
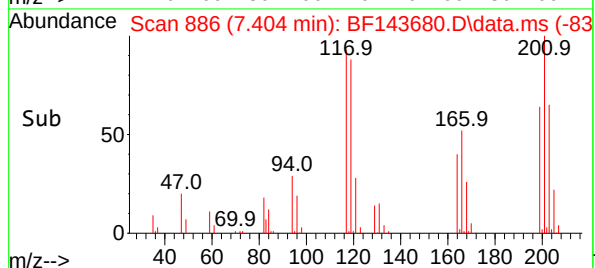
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

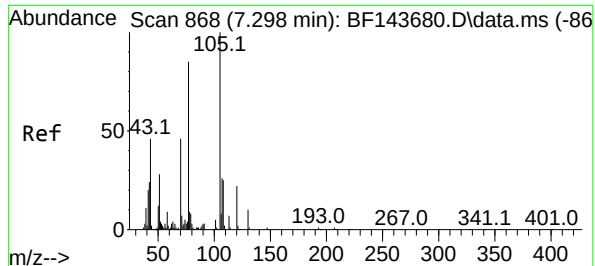


#18
Hexachloroethane
Concen: 41.711 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08



Tgt Ion:117 Resp: 46442
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
201 108.0 86.4 129.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.768 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 84284

Ion Ratio Lower Upper

70 100

42 51.8 41.4 62.2

101 10.1 8.1 12.1

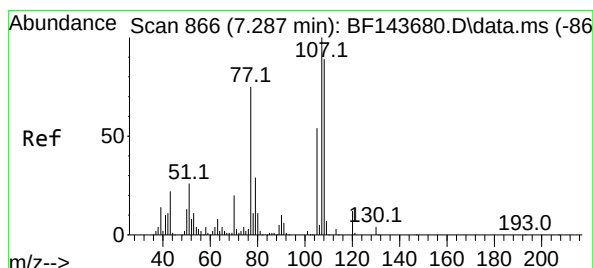
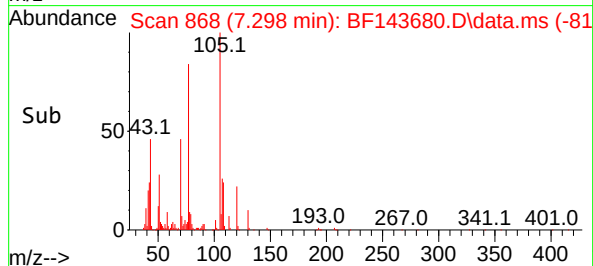
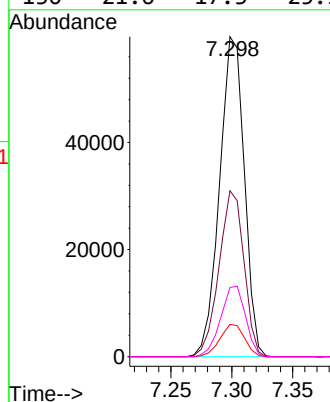
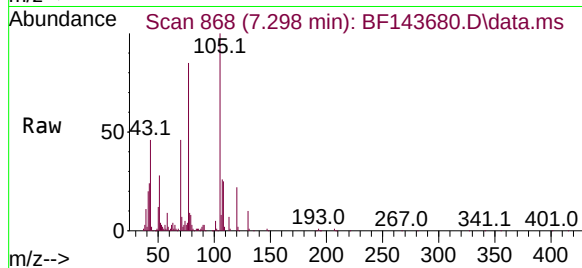
130 21.6 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#20

3+4-Methylphenols

Concen: 41.905 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Tgt Ion:107 Resp: 132548

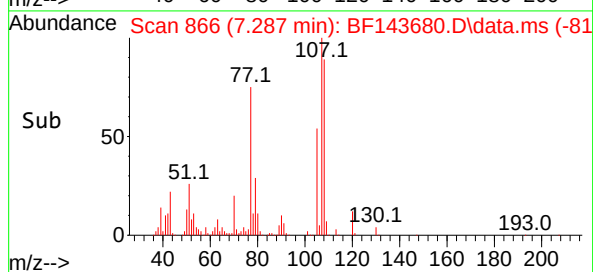
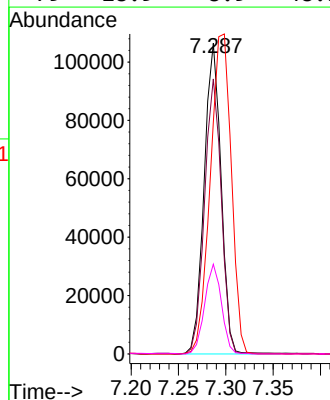
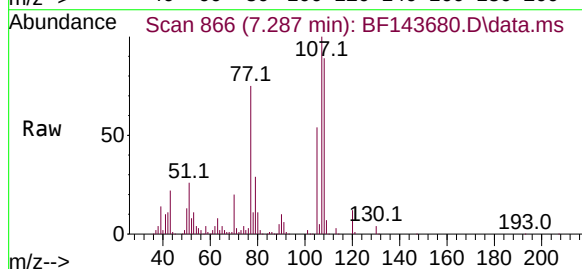
Ion Ratio Lower Upper

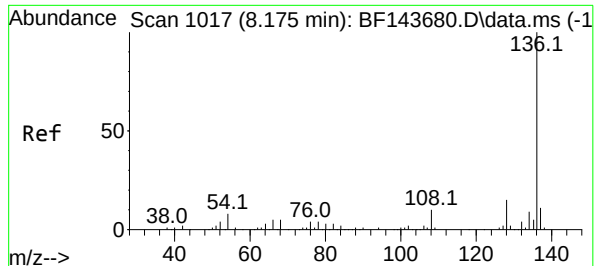
107 100

108 88.6 68.6 108.6

77 74.6 54.6 94.6

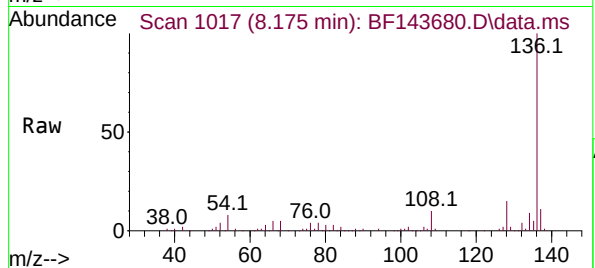
79 28.9 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

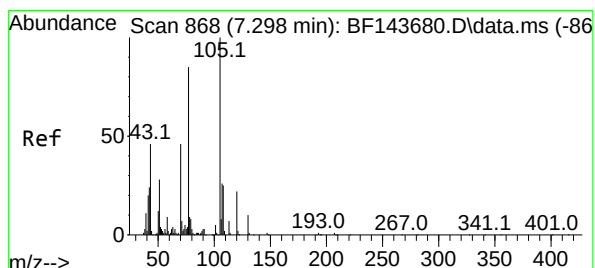
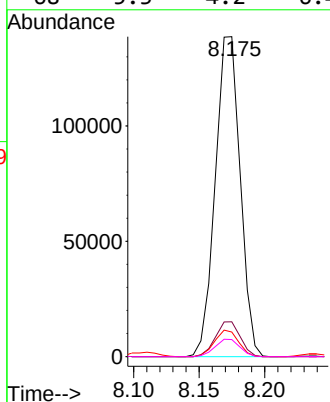
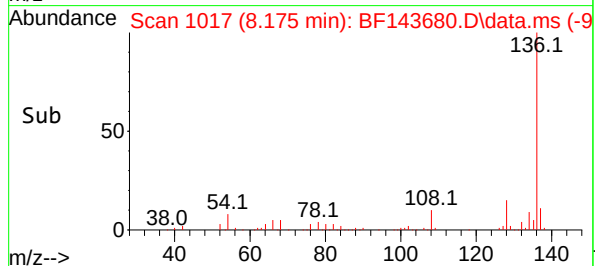
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 183638
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.7 6.2 9.2
68 5.3 4.2 6.4

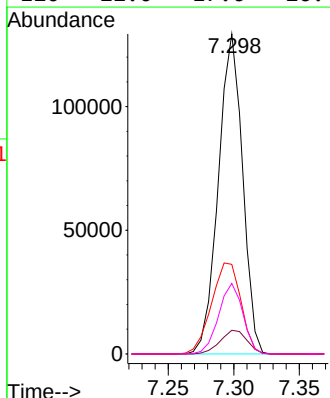
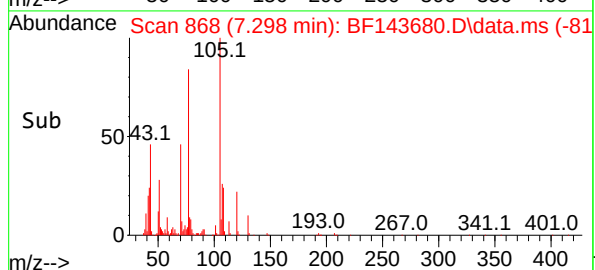
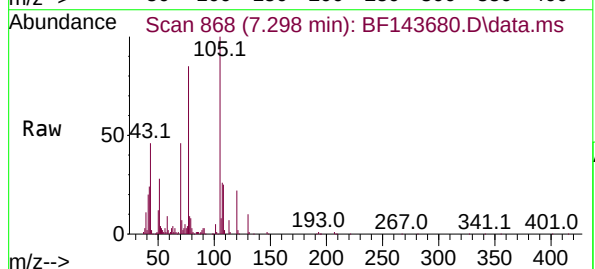
Manual Integrations
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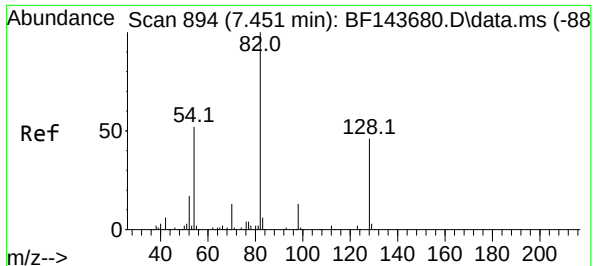
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#22
Acetophenone
Concen: 40.139 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:105 Resp: 166474
Ion Ratio Lower Upper
105 100
71 7.4 5.9 8.9
51 28.0 22.4 33.6
120 22.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 82.223 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 242752

Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.4

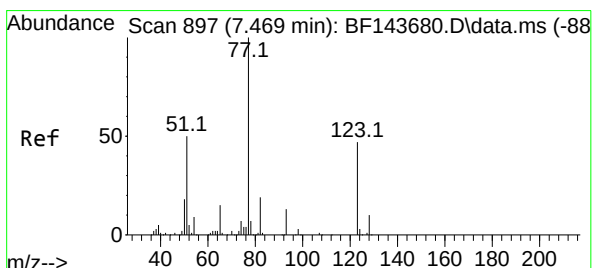
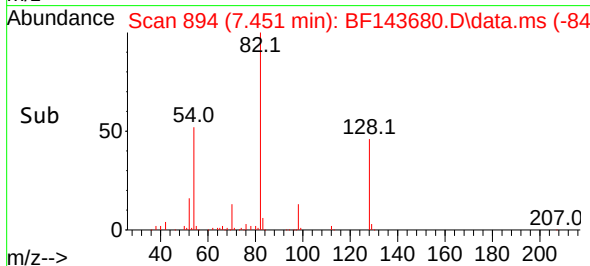
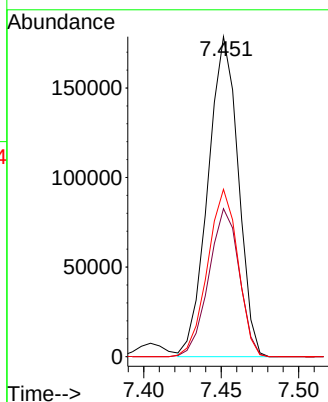
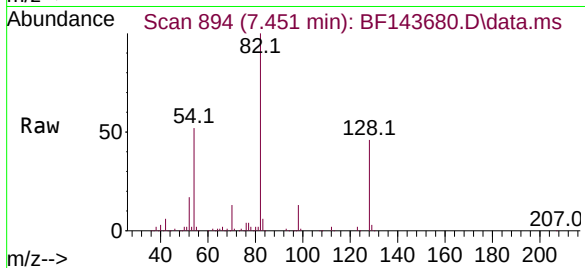
54 52.3 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#24

Nitrobenzene

Concen: 40.921 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

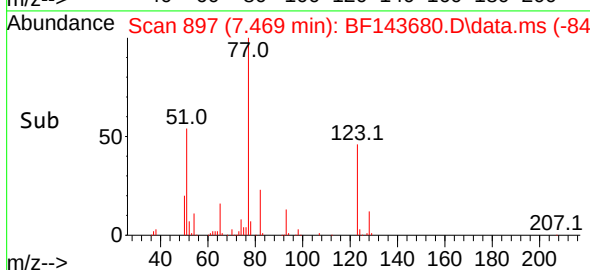
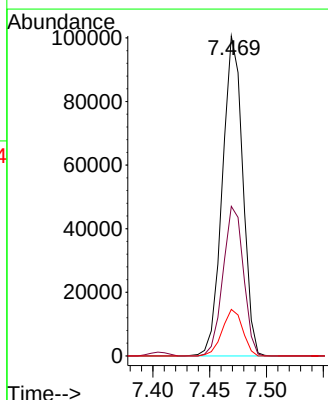
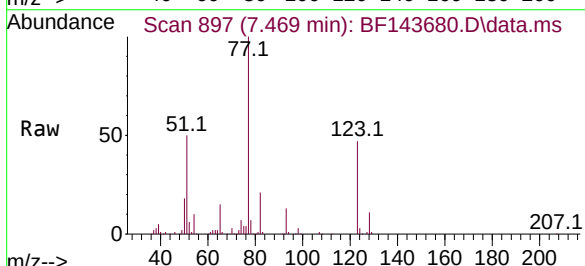
Tgt Ion: 77 Resp: 125270

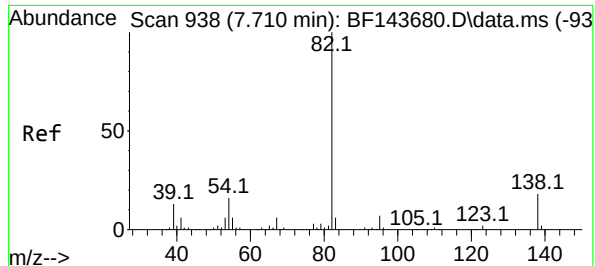
Ion Ratio Lower Upper

77 100

123 46.7 37.4 56.0

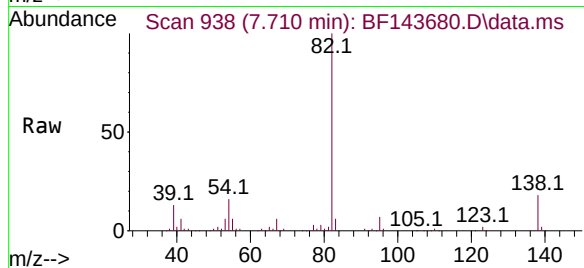
65 14.5 11.6 17.4





#25
Isophorone
Concen: 40.508 ng
RT: 7.710 min Scan# 938
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

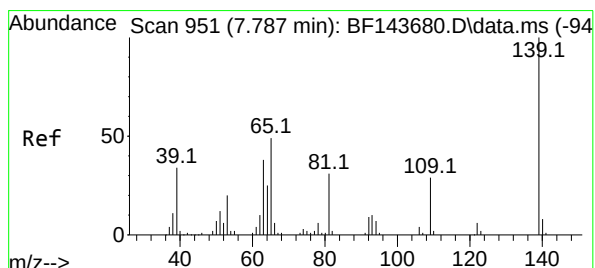
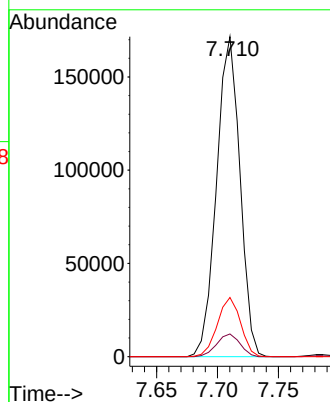
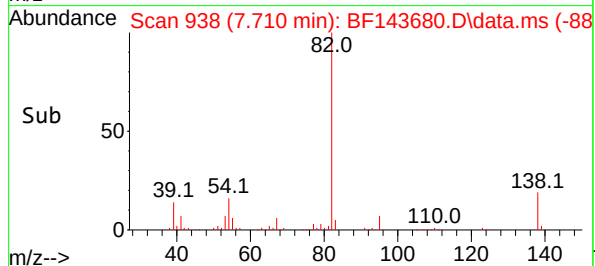
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



Tgt Ion: 82 Resp: 229325
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.5 14.8 22.2

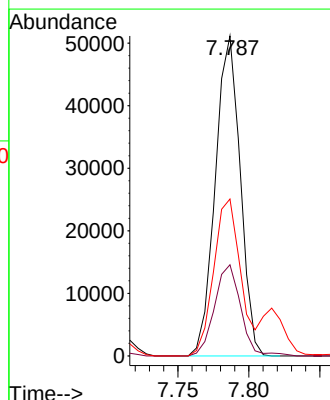
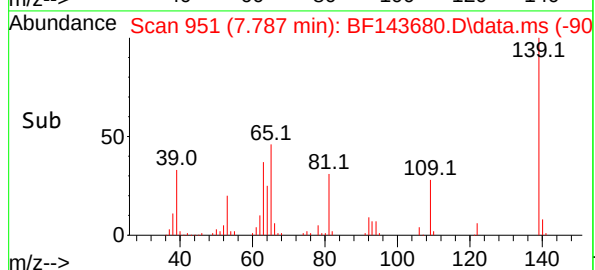
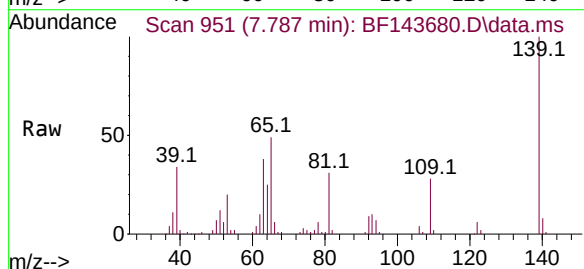
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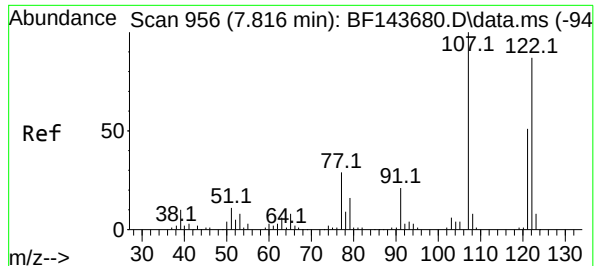
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 41.502 ng
RT: 7.787 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:139 Resp: 62466
Ion Ratio Lower Upper
139 100
109 28.5 22.8 34.2
65 49.0 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 40.107 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 10837

Ion Ratio Lower Upper

122 100

107 115.1 92.1 138.1

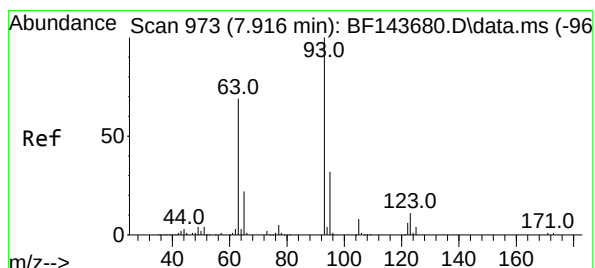
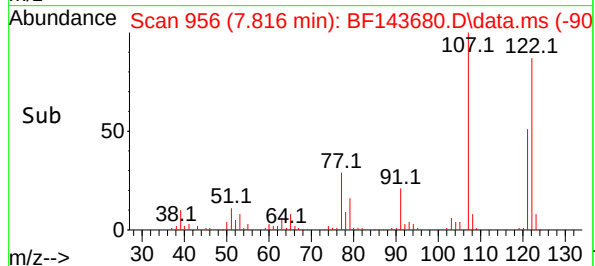
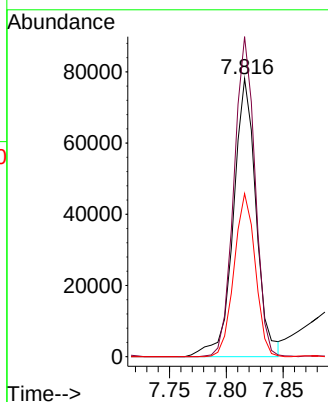
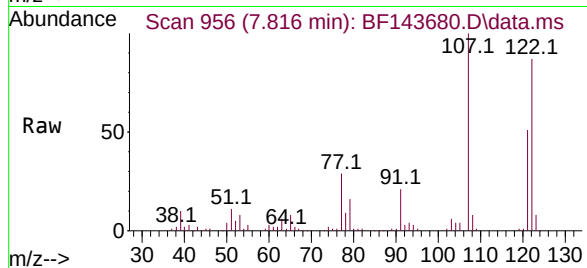
121 58.6 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.489 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

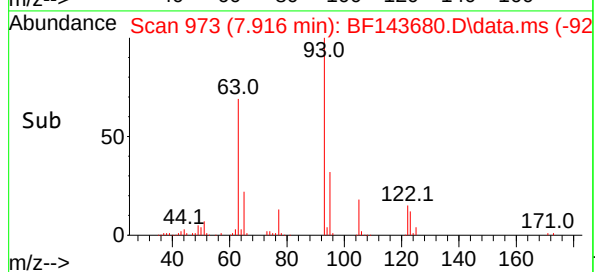
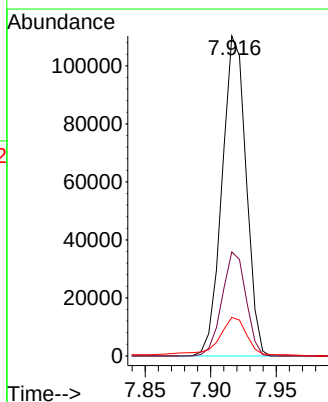
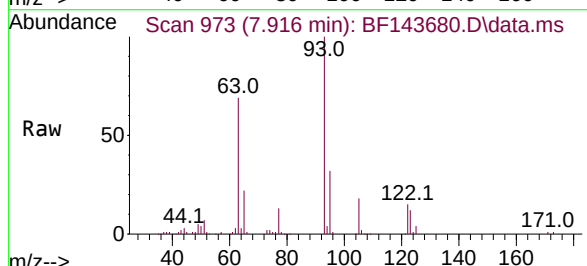
Tgt Ion: 93 Resp: 140865

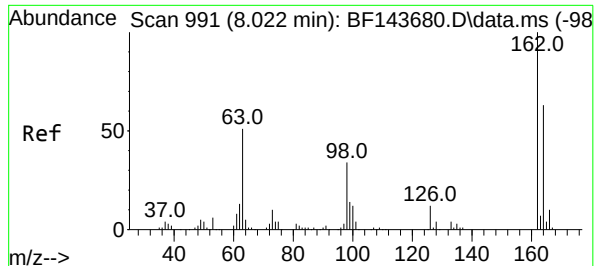
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 12.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.475 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 112730

Ion Ratio Lower Upper

162 100

164 63.0 43.0 83.0

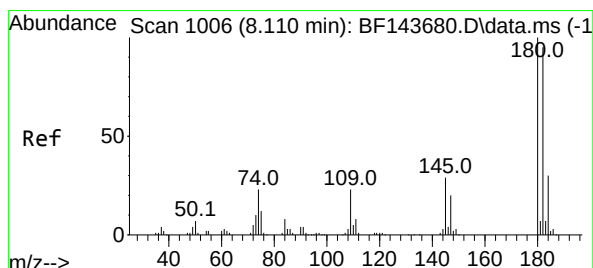
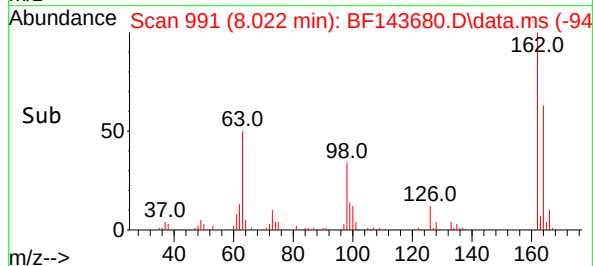
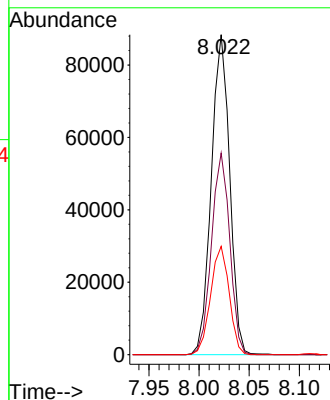
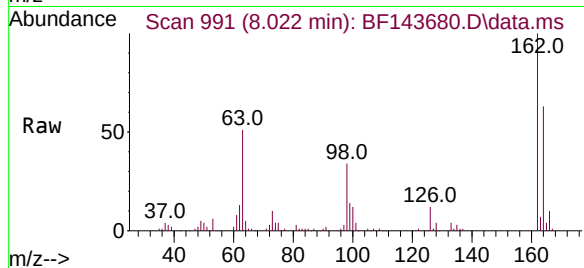
98 33.8 13.8 53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.602 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

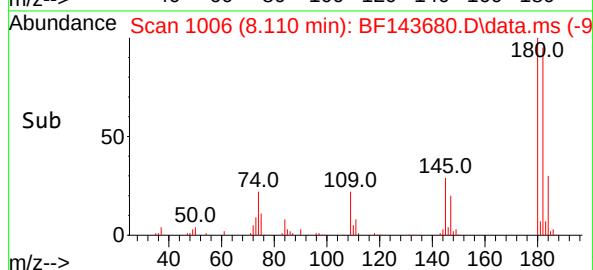
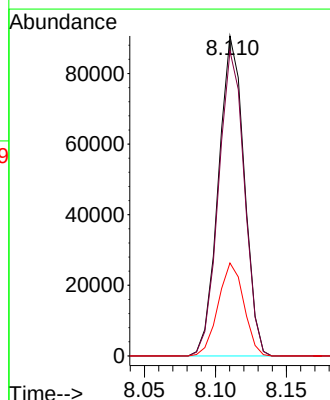
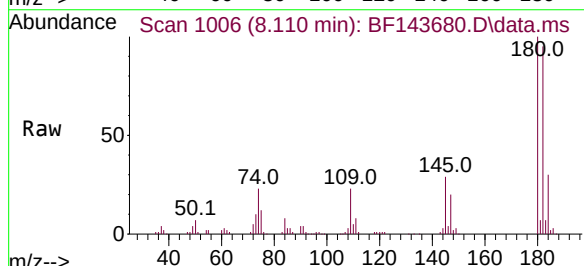
Tgt Ion:180 Resp: 114331

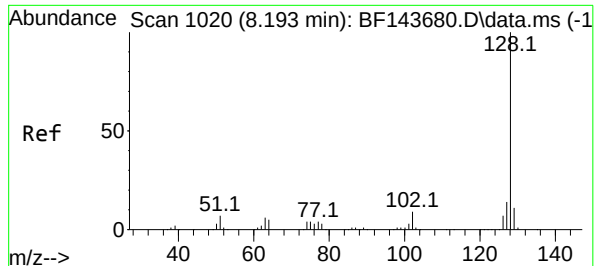
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

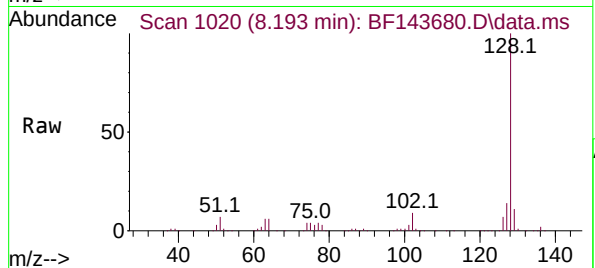
145 29.0 23.2 34.8





#31
Naphthalene
Concen: 40.424 ng
RT: 8.193 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

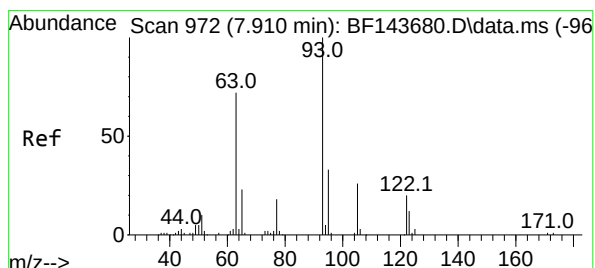
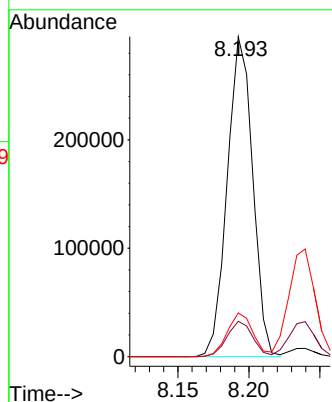
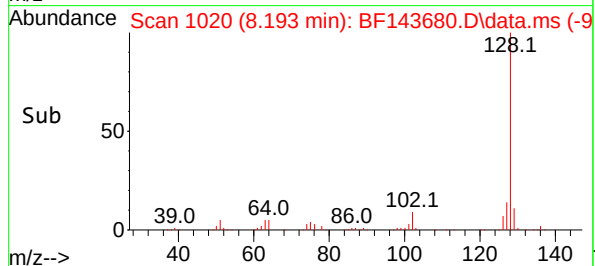
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 367480
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.9 16.3

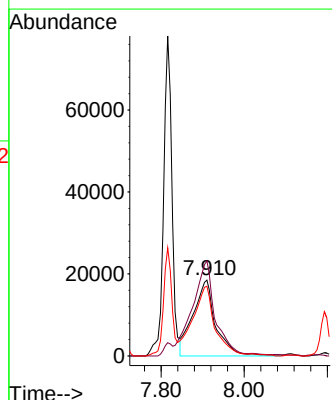
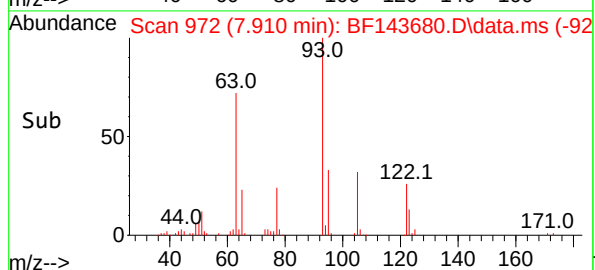
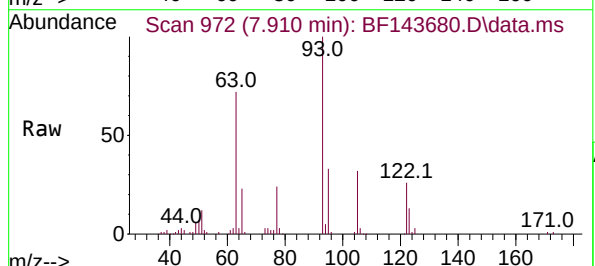
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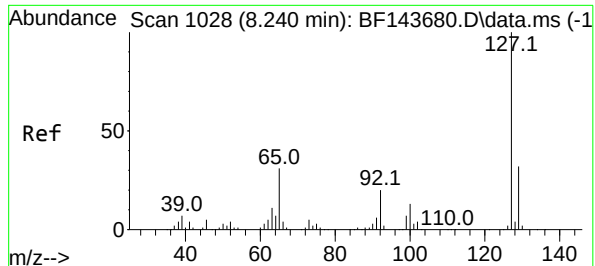
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#32
Benzoic acid
Concen: 42.800 ng m
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:122 Resp: 70556
Ion Ratio Lower Upper
122 100
105 125.2 105.2 145.2
77 92.0 72.0 112.0





#33

4-Chloroaniline

Concen: 40.483 ng

RT: 8.240 min Scan# 1028

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 12811

Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 30.7 24.6 36.8

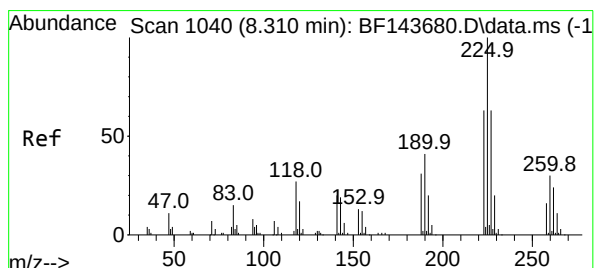
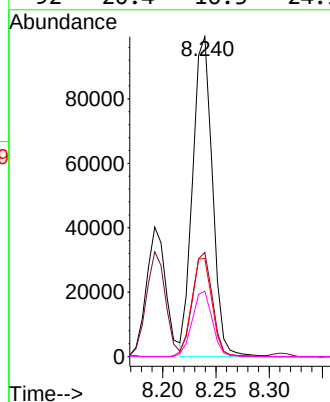
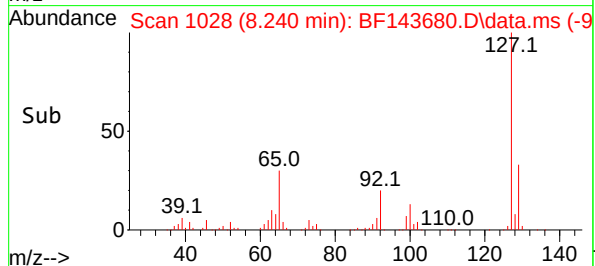
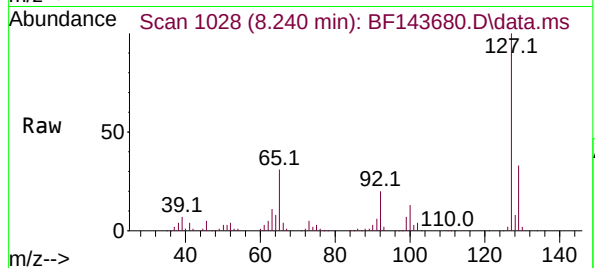
92 20.4 16.3 24.5

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#34

Hexachlorobutadiene

Concen: 40.834 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

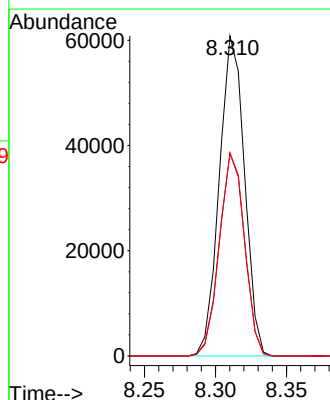
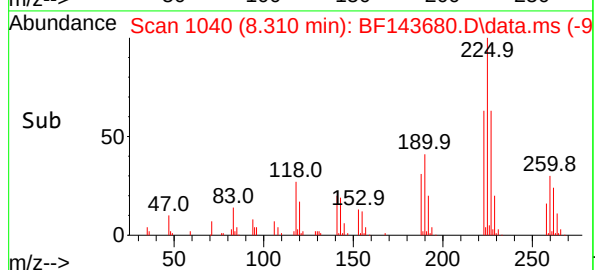
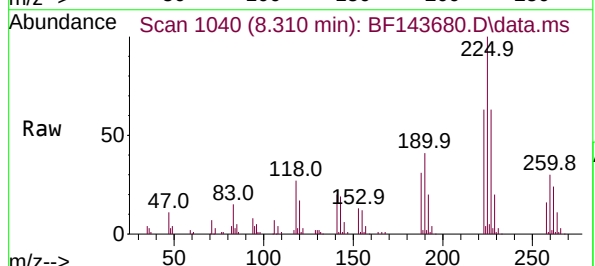
Tgt Ion:225 Resp: 74998

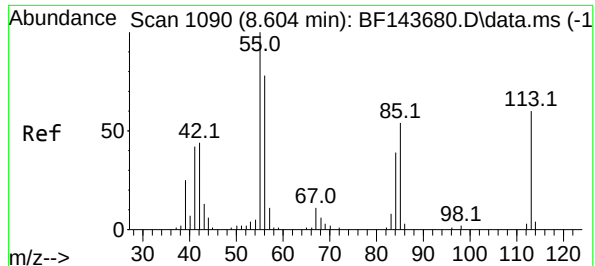
Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

227 63.5 50.8 76.2





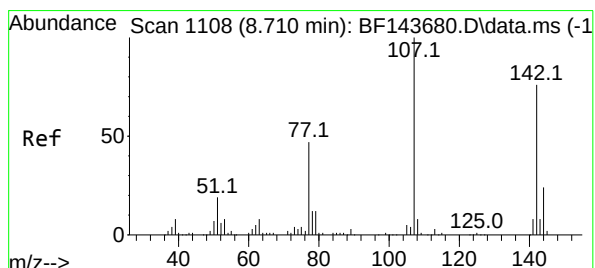
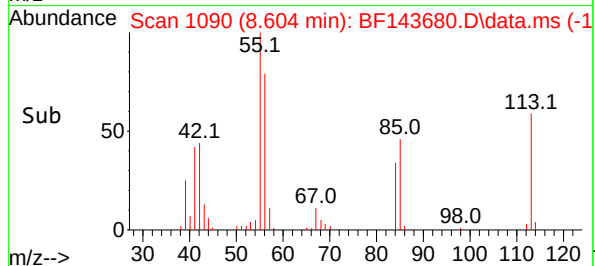
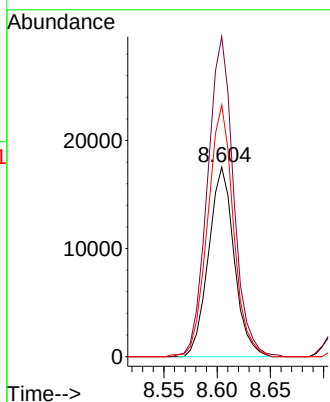
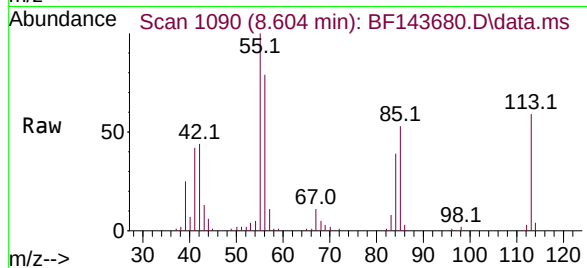
#35
 Caprolactam
 Concen: 40.475 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:113 Resp: 29280
 Ion Ratio Lower Upper
 113 100
 55 168.9 148.9 188.9
 56 132.8 112.8 152.8

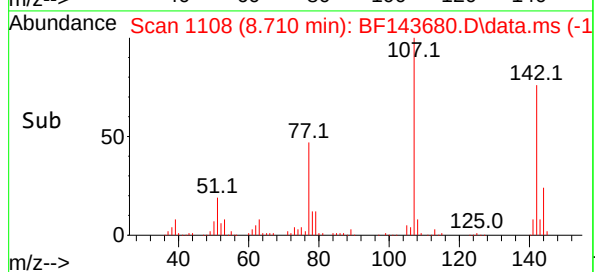
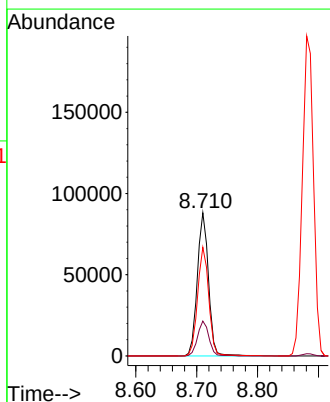
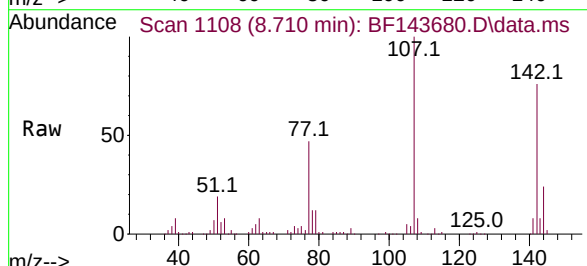
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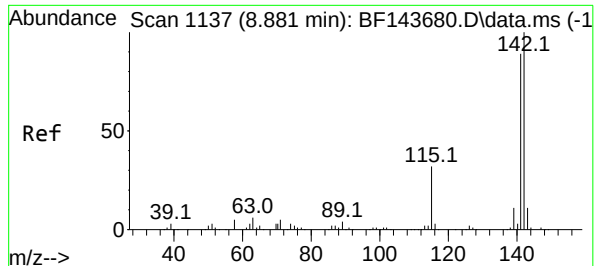
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025



#36
 4-Chloro-3-methylphenol
 Concen: 41.926 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF143680.D
 Acq: 09 Sep 2025 11:08

Tgt Ion:107 Resp: 112361
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.4 29.2
 142 75.8 60.6 91.0





#37

2-Methylnaphthalene

Concen: 40.131 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 249730

Ion Ratio Lower Upper

142 100

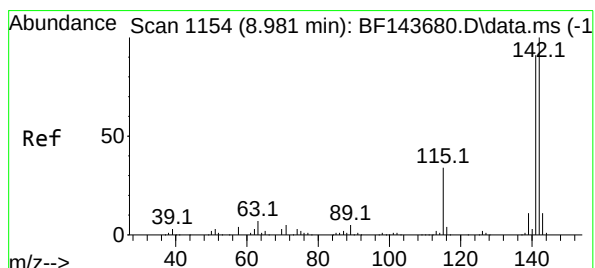
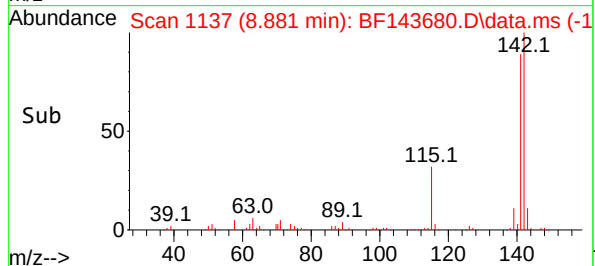
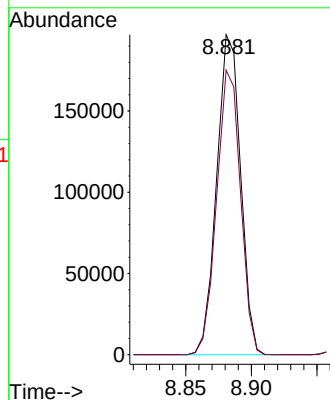
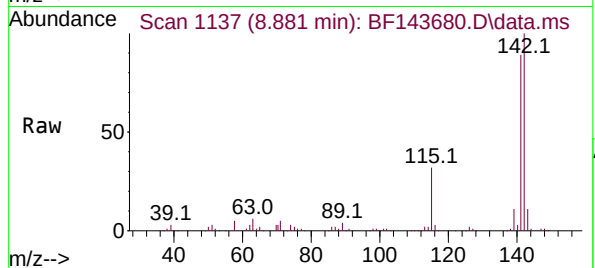
141 88.9 71.1 106.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#38

1-Methylnaphthalene

Concen: 40.320 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143680.D

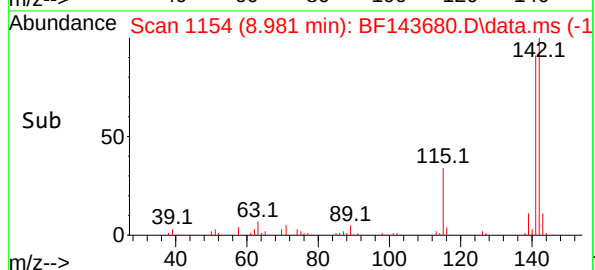
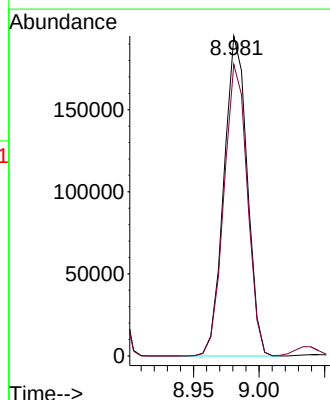
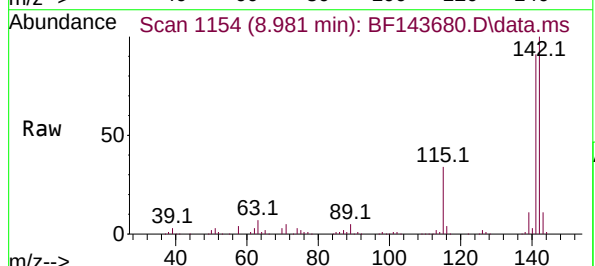
Acq: 09 Sep 2025 11:08

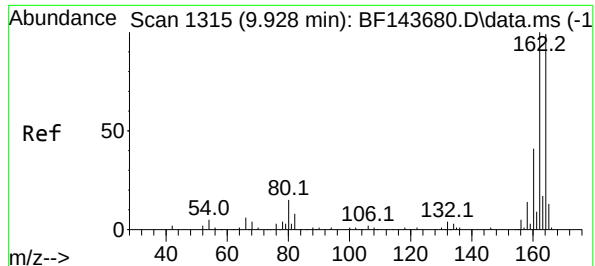
Tgt Ion:142 Resp: 240789

Ion Ratio Lower Upper

142 100

141 91.1 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BF143680.D

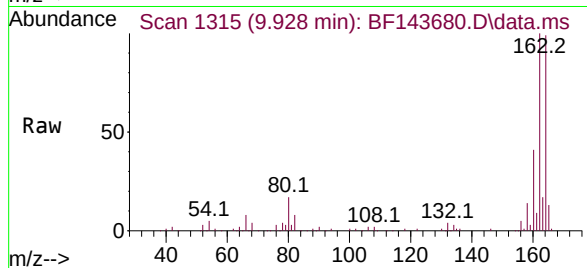
Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 104252

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

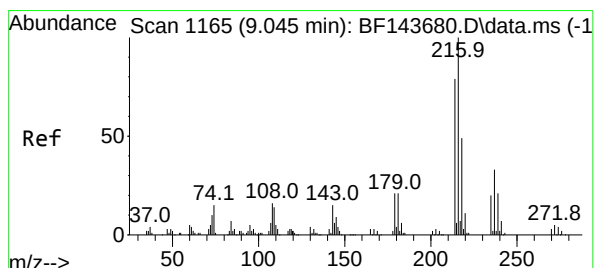
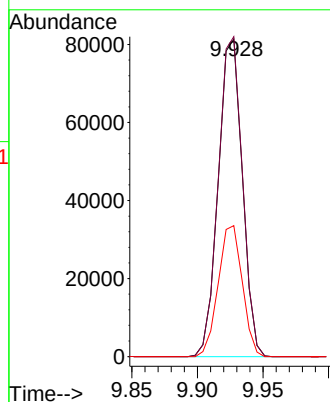
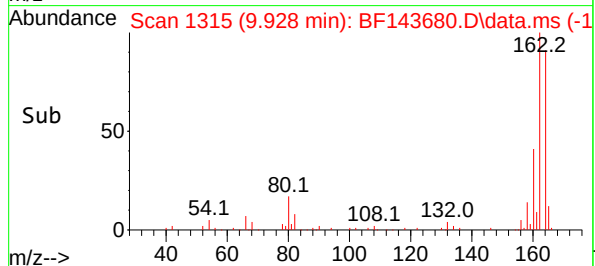
160 41.2 33.0 49.4

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.506 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Tgt Ion:216 Resp: 120893

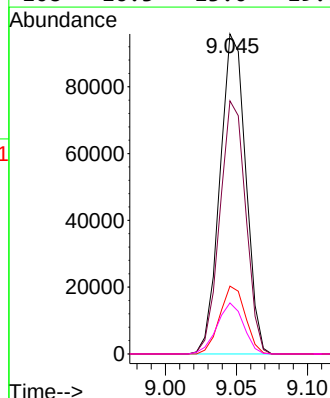
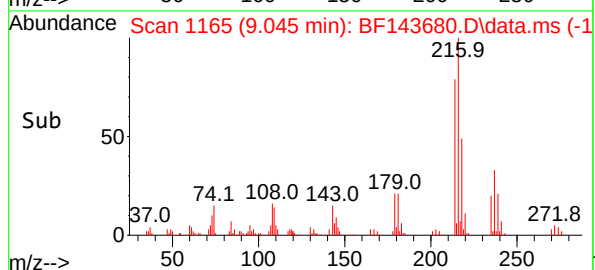
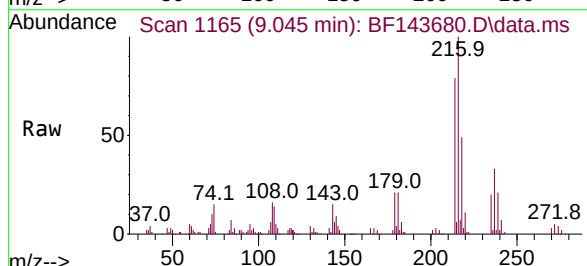
Ion Ratio Lower Upper

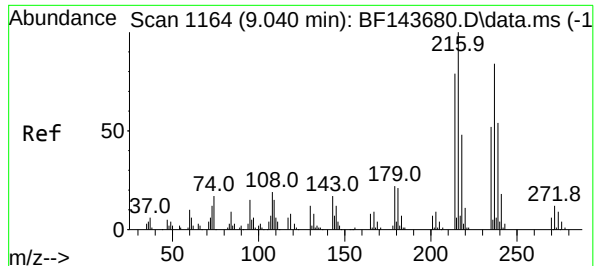
216 100

214 79.0 63.2 94.8

179 21.0 16.8 25.2

108 16.3 13.0 19.6





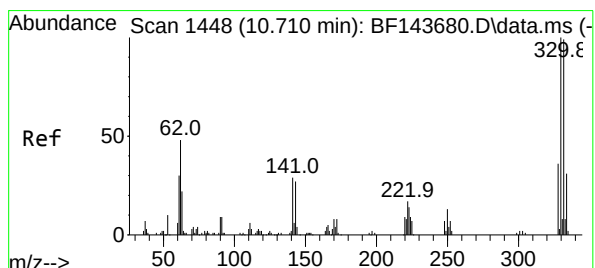
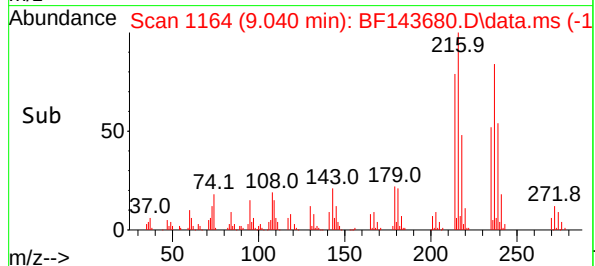
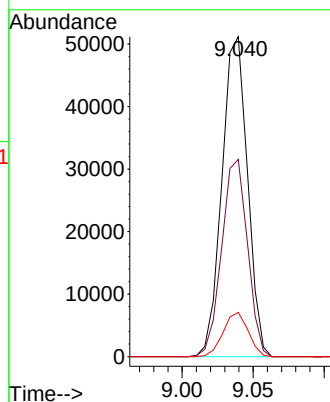
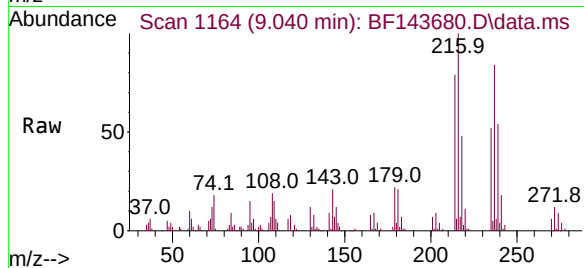
#41
Hexachlorocyclopentadiene
Concen: 41.931 ng
RT: 9.040 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 64250
Ion Ratio Lower Upper
237 100
235 61.6 41.6 81.6
272 13.9 0.0 33.9

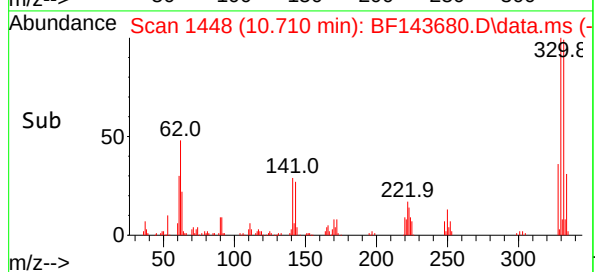
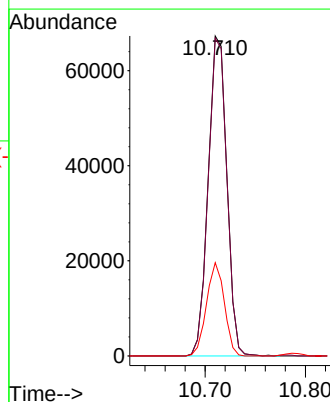
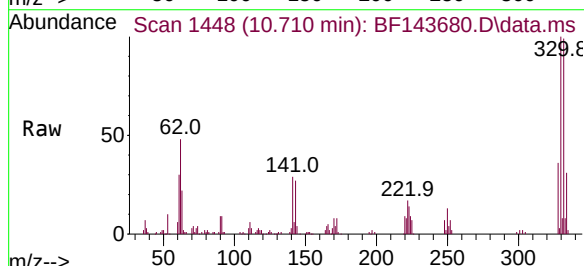
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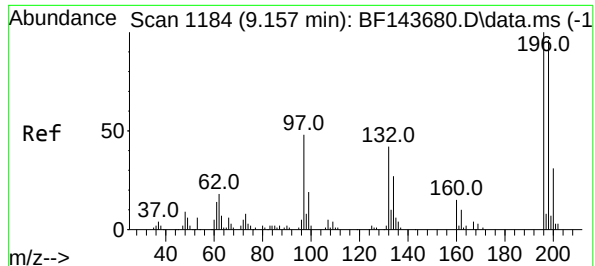
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#42
2,4,6-Tribromophenol
Concen: 82.605 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:330 Resp: 86787
Ion Ratio Lower Upper
330 100
332 99.0 79.2 118.8
141 27.8 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 42.042 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

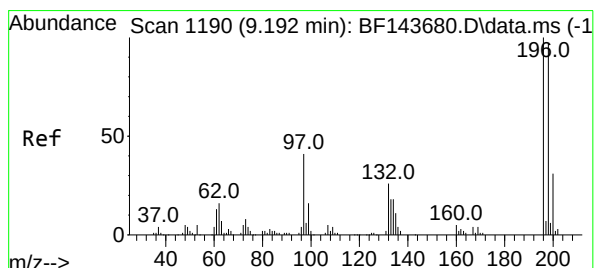
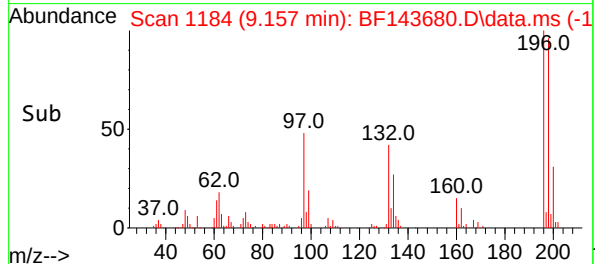
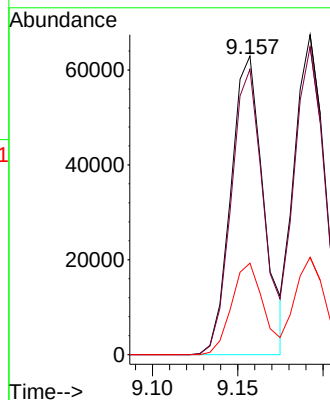
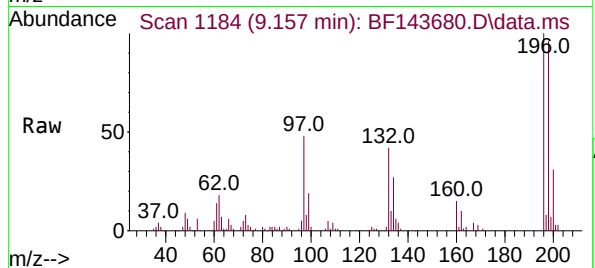
Tgt Ion:196 Resp: 83786
Ion Ratio Lower Upper
196 100
198 95.6 76.5 114.7
200 30.6 24.5 36.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#44

2,4,5-Trichlorophenol

Concen: 41.443 ng

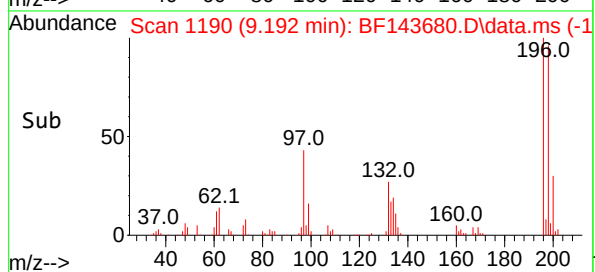
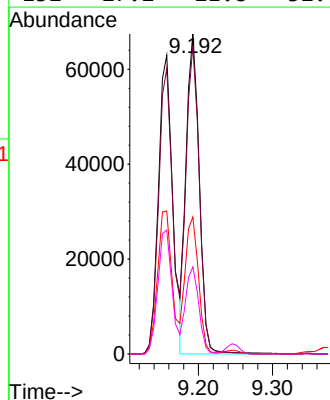
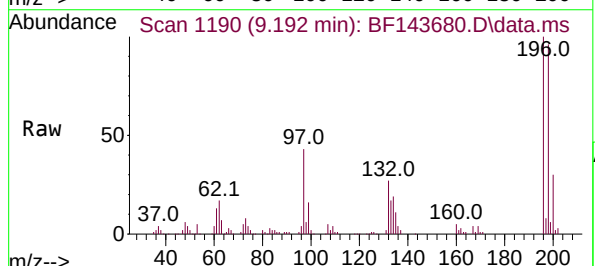
RT: 9.192 min Scan# 1190

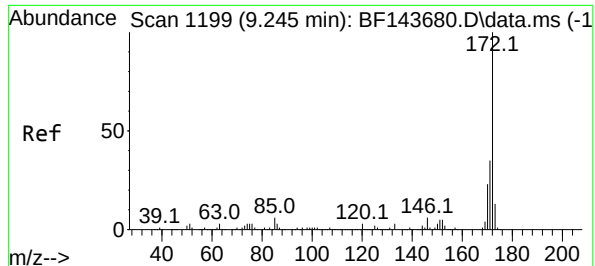
Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

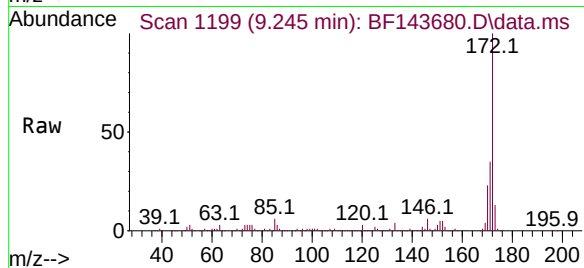
Tgt Ion:196 Resp: 83964
Ion Ratio Lower Upper
196 100
198 96.3 77.0 115.6
97 42.8 34.2 51.4
132 27.2 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 80.568 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

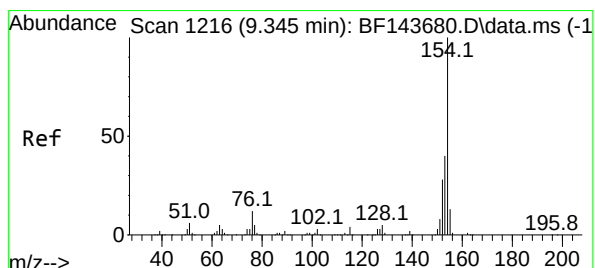
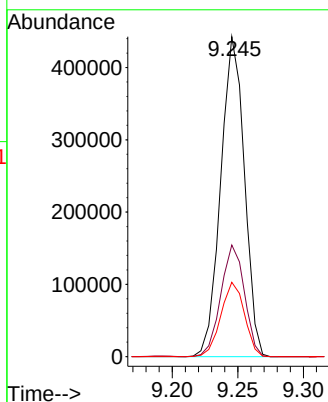
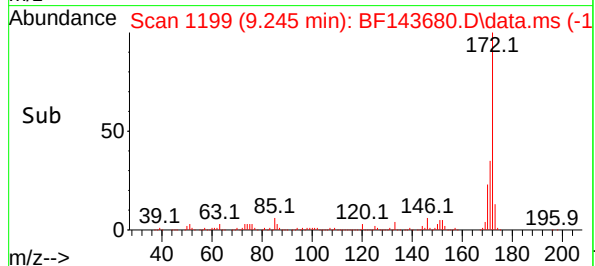
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 556021
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 18.6 27.8

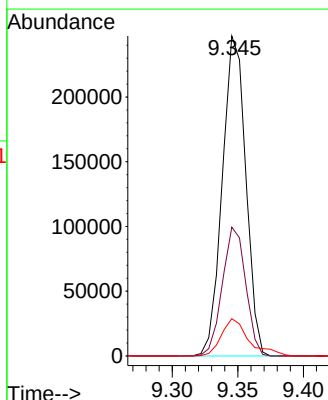
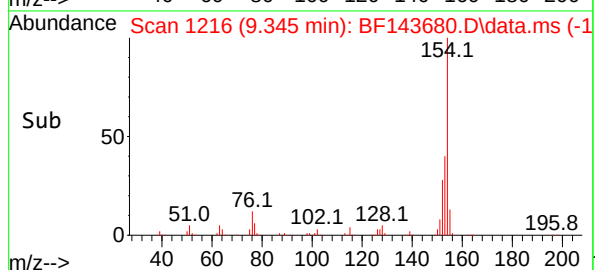
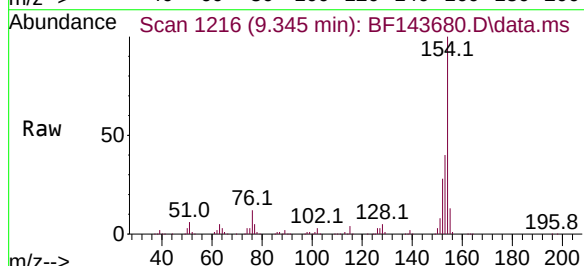
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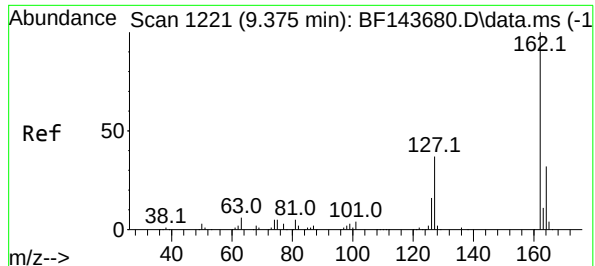
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#46
1,1'-Biphenyl
Concen: 41.065 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:154 Resp: 308203
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 11.6 0.0 31.6





#47

2-Chloronaphthalene

Concen: 41.038 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143680.D

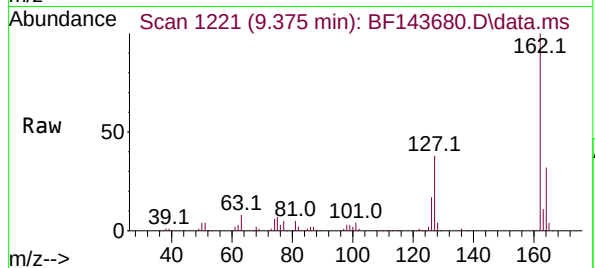
Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 241460

Ion Ratio Lower Upper

162 100

127 38.2 30.6 45.8

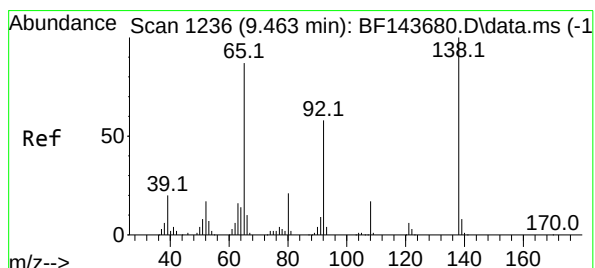
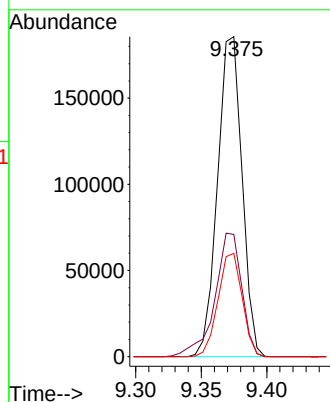
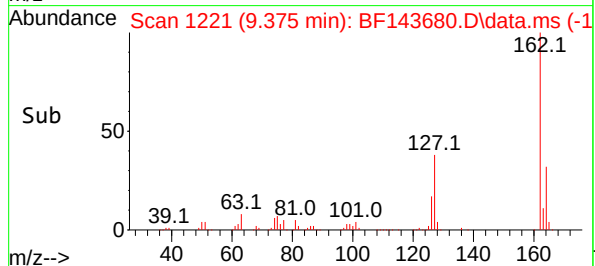
164 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#48

2-Nitroaniline

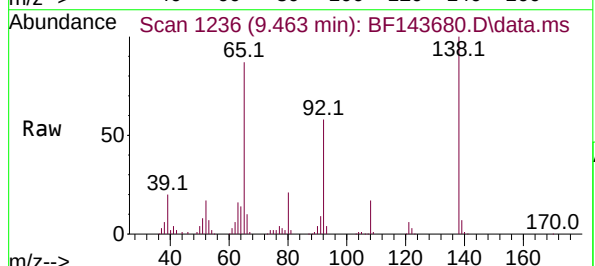
Concen: 41.717 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08



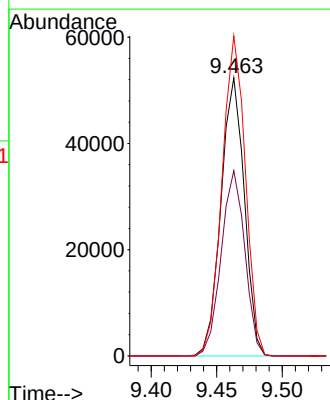
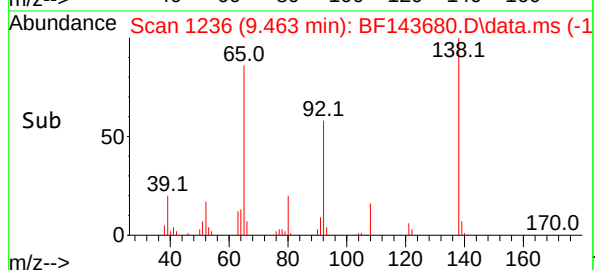
Tgt Ion: 65 Resp: 64957

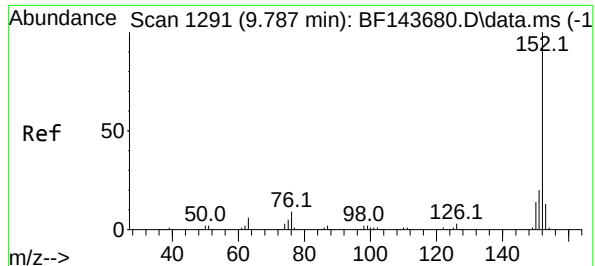
Ion Ratio Lower Upper

65 100

92 66.6 53.3 79.9

138 115.1 92.1 138.1





#49

Acenaphthylene

Concen: 40.676 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143680.D

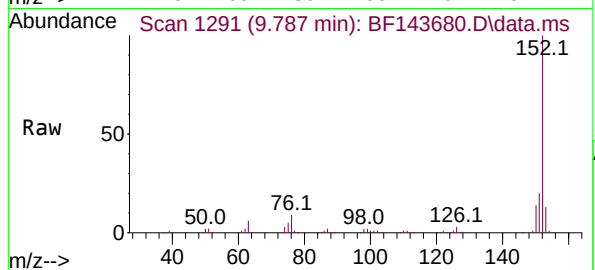
Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:152 Resp: 342828

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

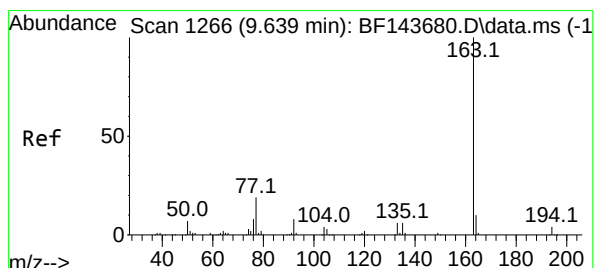
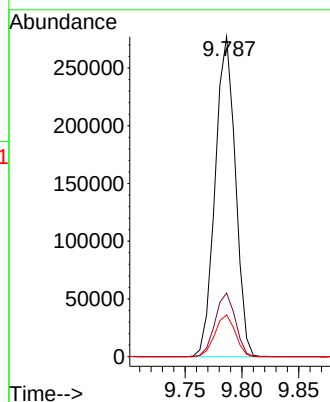
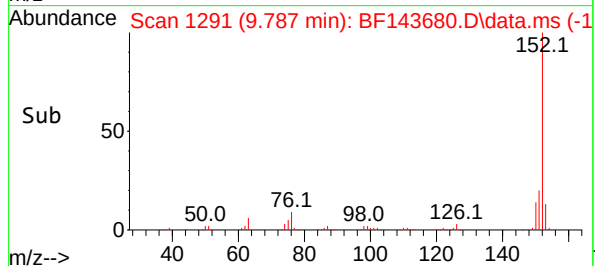
153 13.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#50

Dimethylphthalate

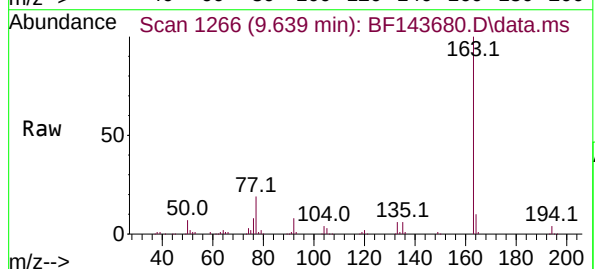
Concen: 40.656 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08



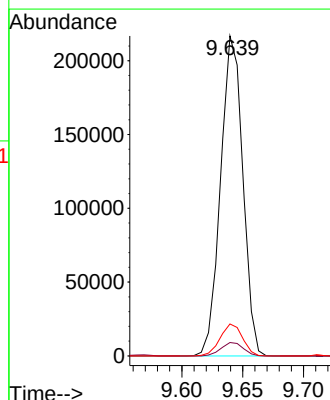
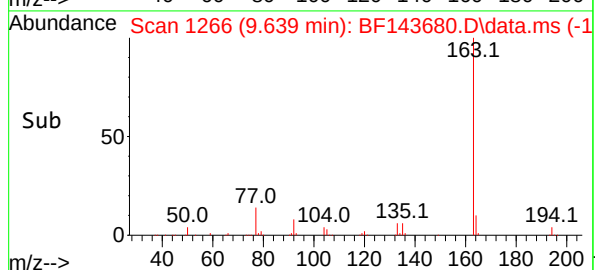
Tgt Ion:163 Resp: 275767

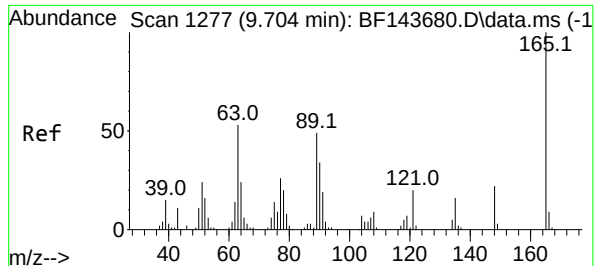
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.0 12.0





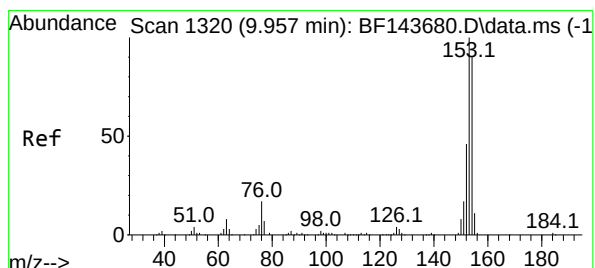
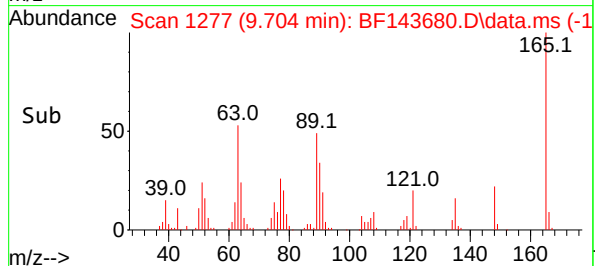
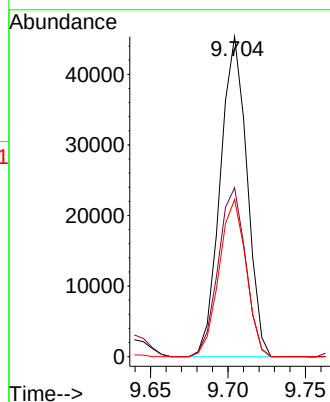
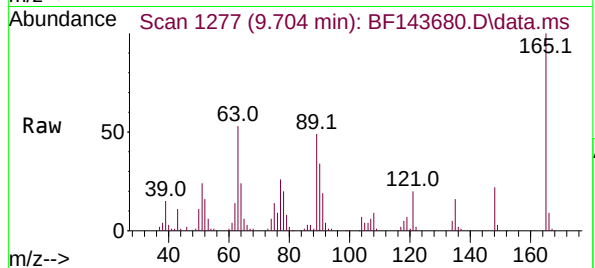
#51
2,6-Dinitrotoluene
Concen: 42.086 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 5458
Ion Ratio Lower Upper
165 100
63 52.8 42.2 63.4
89 49.1 39.3 58.9

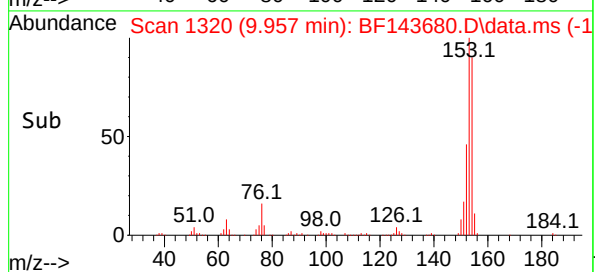
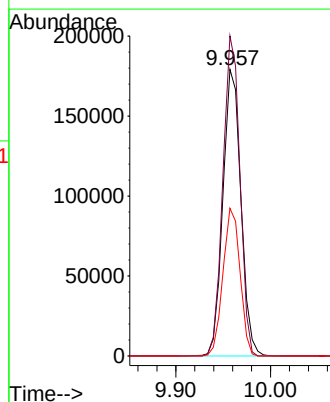
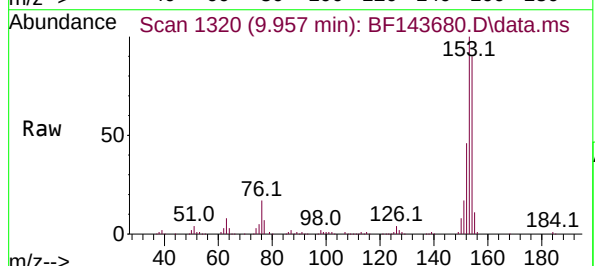
Manual Integrations
APPROVED

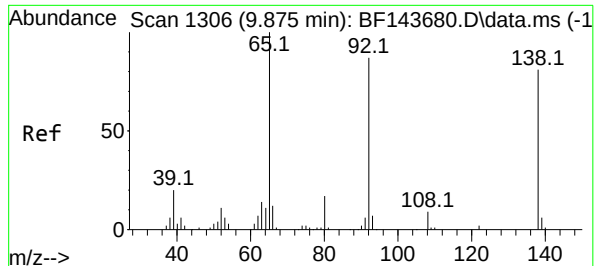
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#52
Acenaphthene
Concen: 40.654 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:154 Resp: 236114
Ion Ratio Lower Upper
154 100
153 111.7 89.4 134.0
152 51.5 41.2 61.8





#53

3-Nitroaniline

Concen: 41.873 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF143680.D

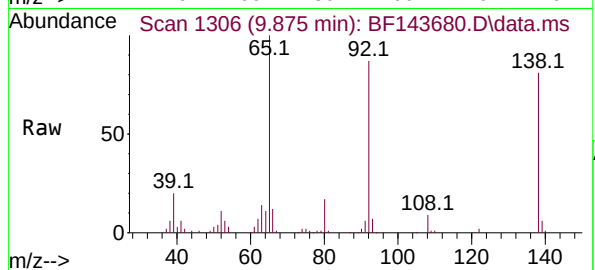
Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

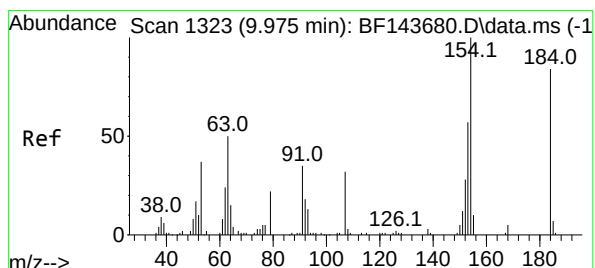
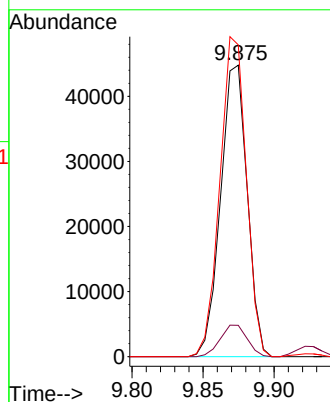
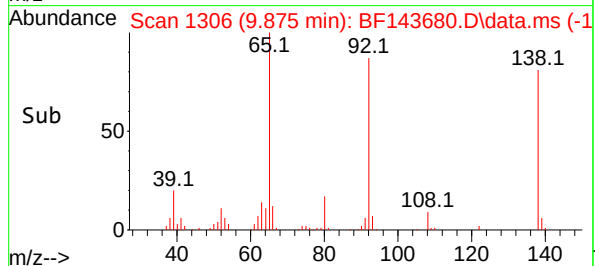


Tgt Ion:138	Resp:	58440
Ion Ratio	Lower	Upper
138	100	
108	10.7	8.6 12.8
92	106.9	85.5 128.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#54

2,4-Dinitrophenol

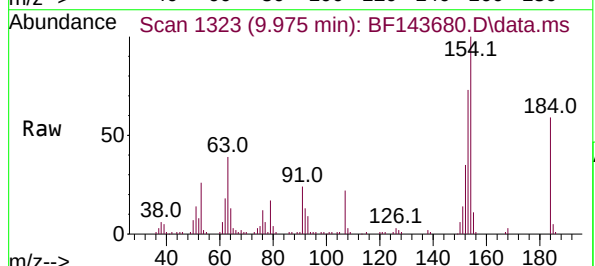
Concen: 39.342 ng

RT: 9.975 min Scan# 1323

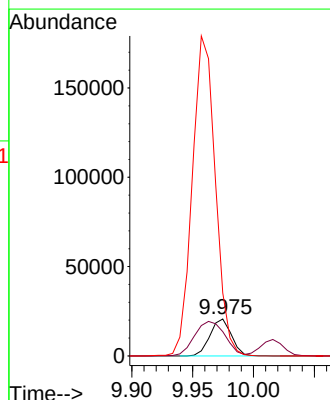
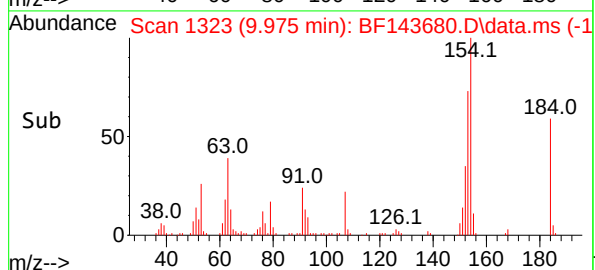
Delta R.T. 0.000 min

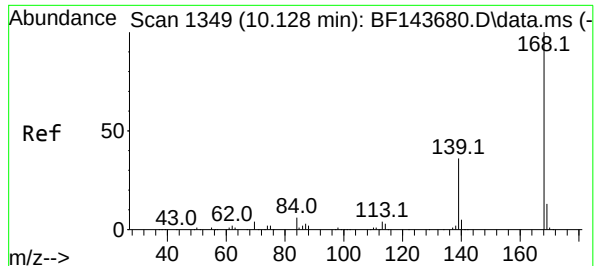
Lab File: BF143680.D

Acq: 09 Sep 2025 11:08



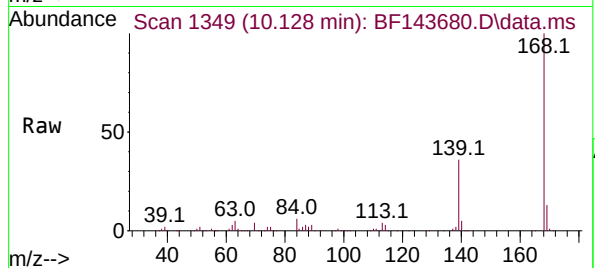
Tgt Ion:184	Resp:	25316
Ion Ratio	Lower	Upper
184	100	
63	65.9	52.7 79.1
154	170.7	136.6 204.8





#55
Dibenzenofuran
Concen: 40.249 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

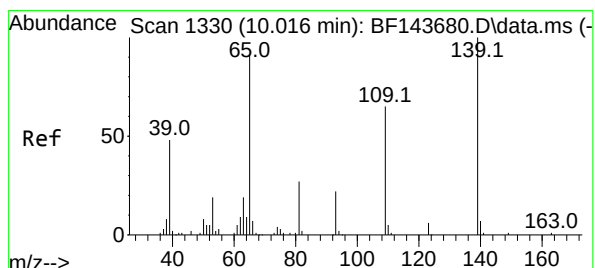
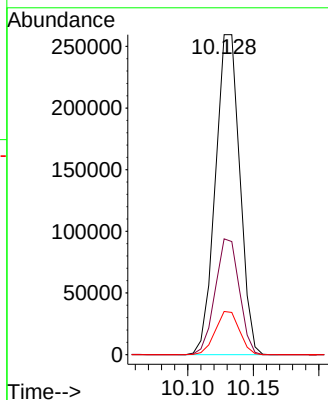
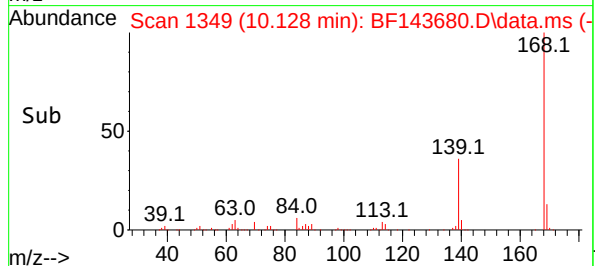
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 336132
Ion Ratio Lower Upper
168 100
139 36.2 29.0 43.4
169 13.5 10.8 16.2

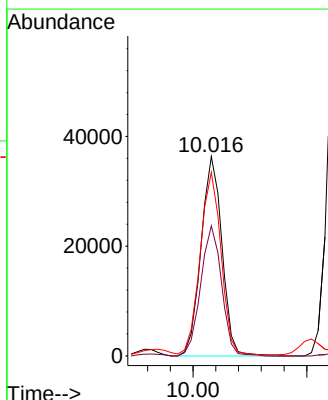
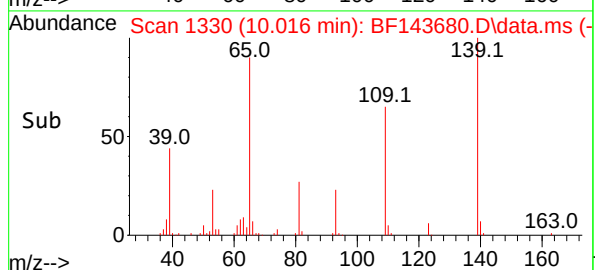
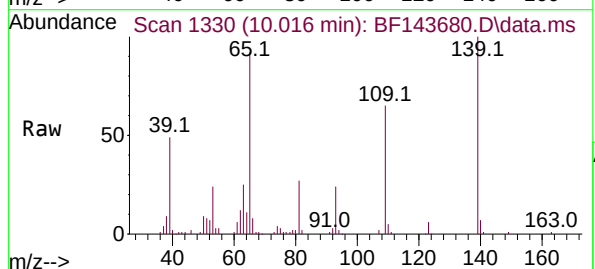
Manual Integrations
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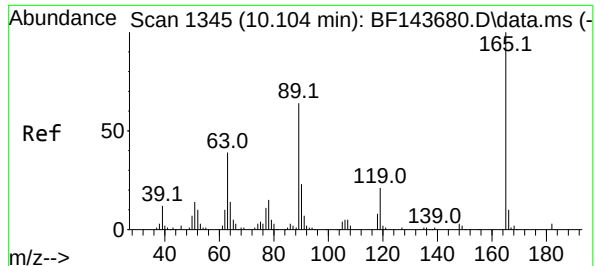
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#56
4-Nitrophenol
Concen: 41.829 ng
RT: 10.016 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

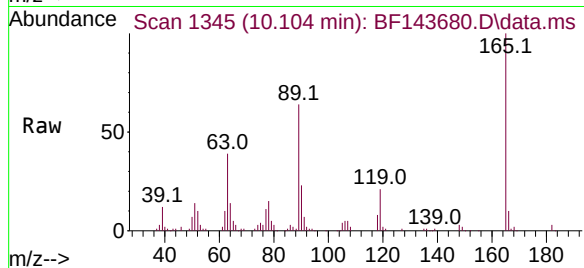
Tgt Ion:139 Resp: 46445
Ion Ratio Lower Upper
139 100
109 65.2 45.2 85.2
65 92.1 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 42.110 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

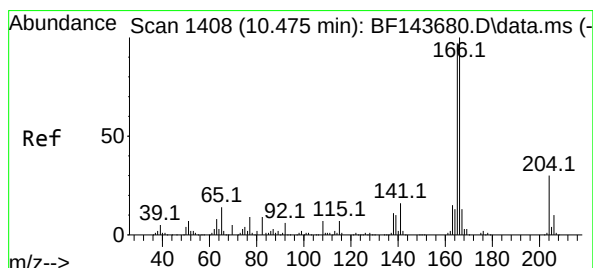
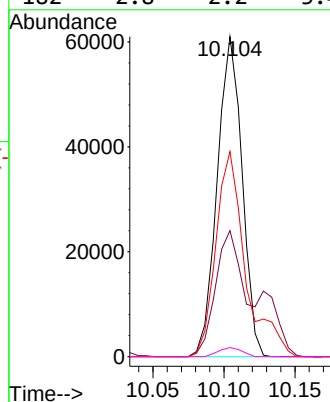
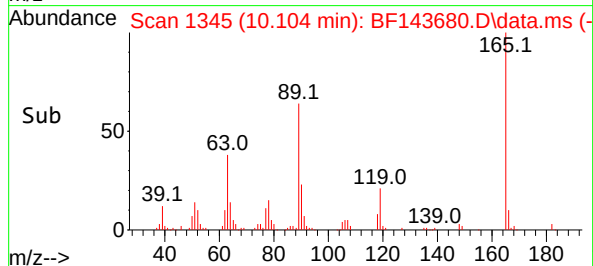
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



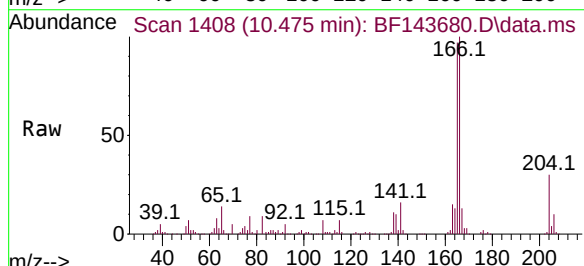
Tgt Ion:165 Resp: 74327
Ion Ratio Lower Upper
165 100
63 39.4 31.5 47.3
89 64.1 51.3 76.9
182 2.8 2.2 3.4

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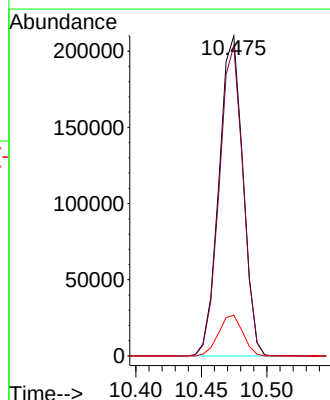
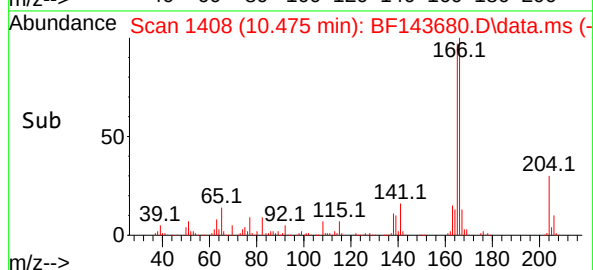
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

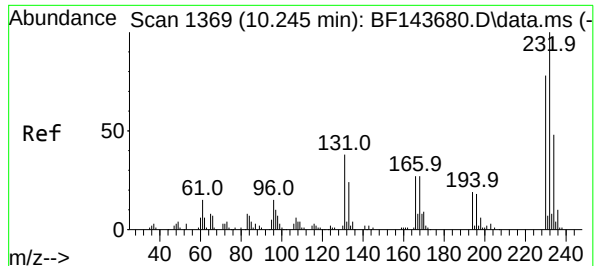


#58
Fluorene
Concen: 40.928 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08



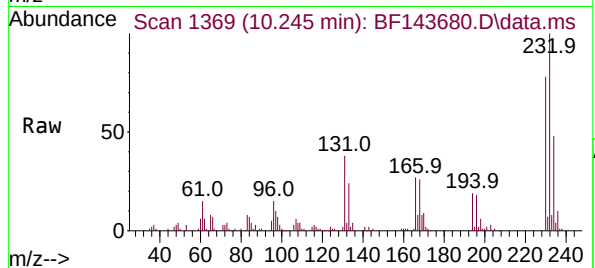
Tgt Ion:166 Resp: 267557
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 12.7 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.623 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

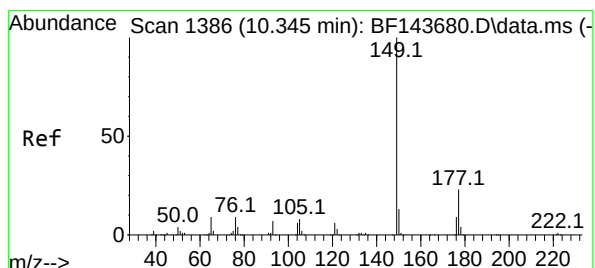
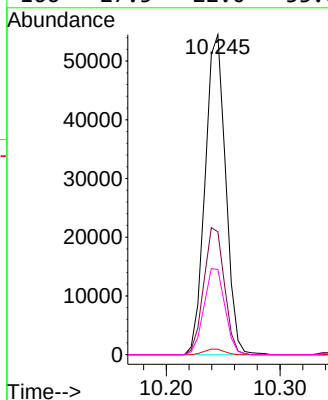
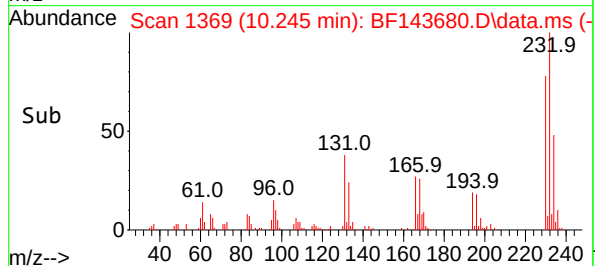
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



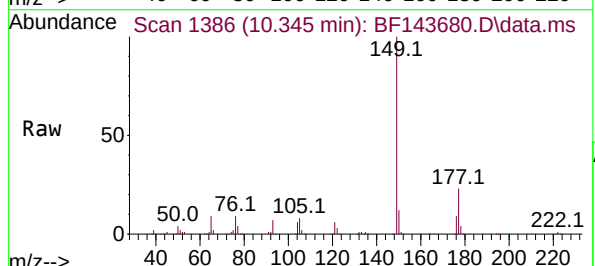
Tgt Ion:232 Resp: 68379
Ion Ratio Lower Upper
232 100
131 39.9 31.9 47.9
130 1.7 1.4 2.0
166 27.5 22.0 33.0

Manual Integrations
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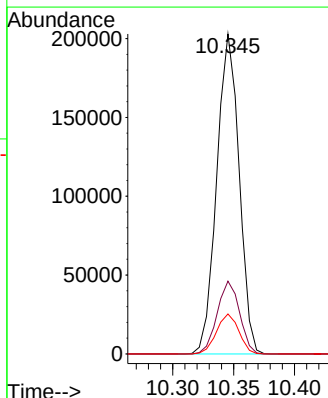
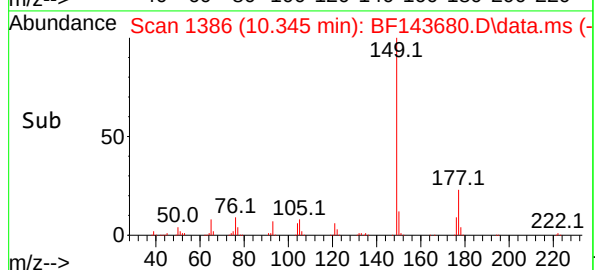
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

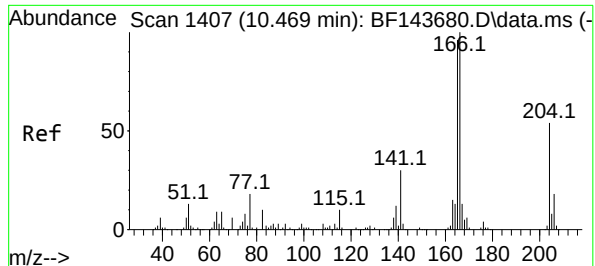


#60
Diethylphthalate
Concen: 40.760 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08



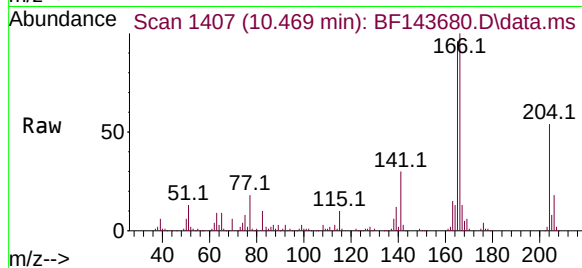
Tgt Ion:149 Resp: 259562
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.803 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

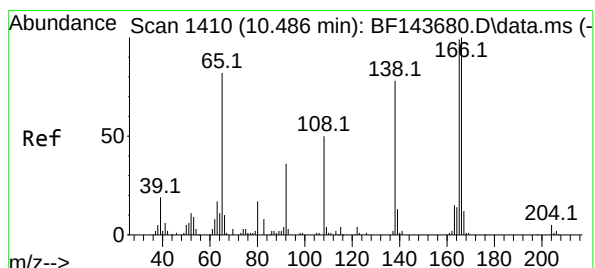
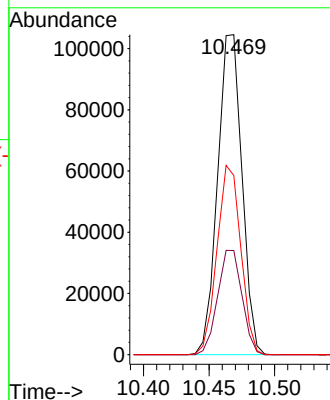
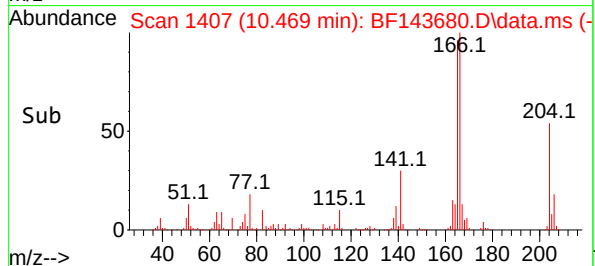
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 13528
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 56.0 44.8 67.2

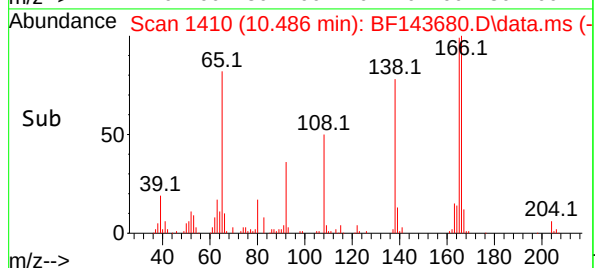
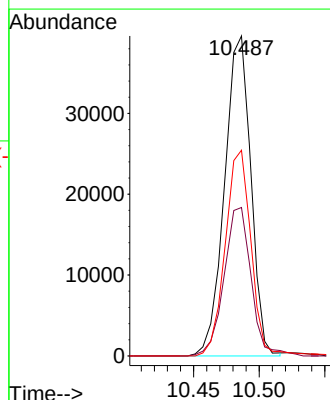
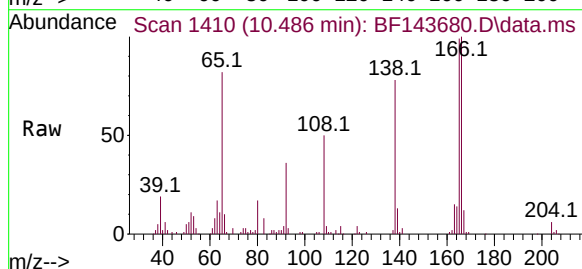
Manual Integrations
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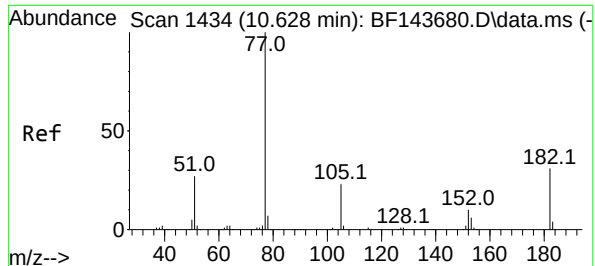
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#62
4-Nitroaniline
Concen: 41.705 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

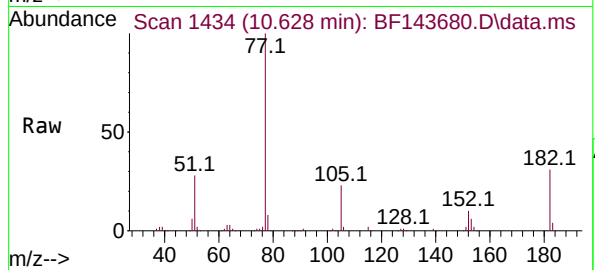
Tgt Ion:138 Resp: 55128
Ion Ratio Lower Upper
138 100
92 46.4 26.4 66.4
108 64.3 44.3 84.3





#63
Azobenzene
Concen: 40.670 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

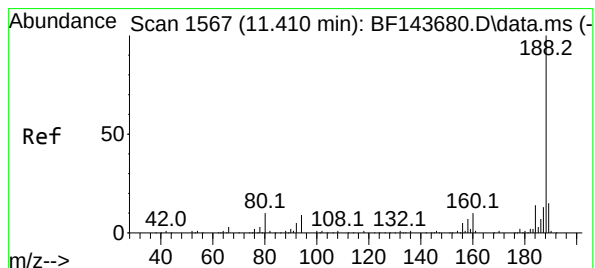
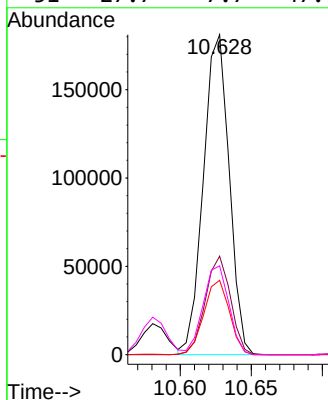
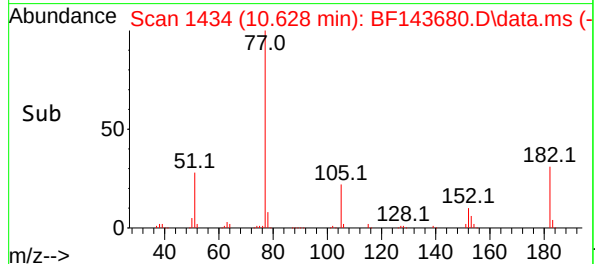
Instrument :
BNA_F
Client SampleId :
SSTDICCC040



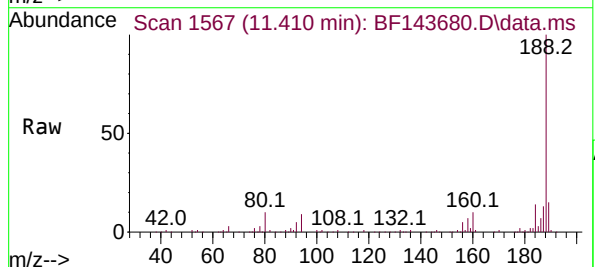
Tgt Ion: 77 Resp: 228960
Ion Ratio Lower Upper
77 100
182 30.8 10.8 50.8
105 23.2 3.2 43.2
51 27.7 7.7 47.7

Manual Integrations
APPROVED

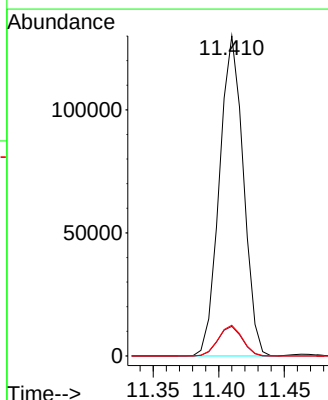
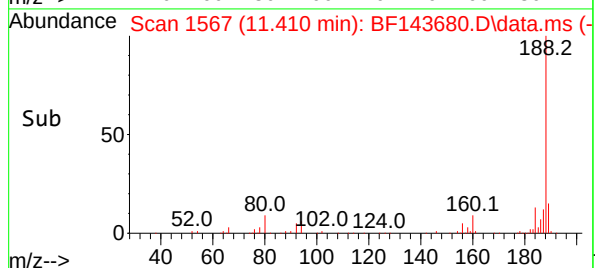
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

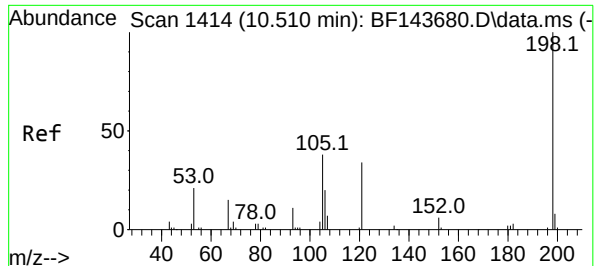


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08



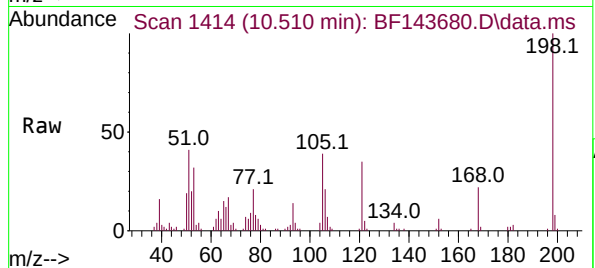
Tgt Ion:188 Resp: 165335
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 9.6 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 41.701 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

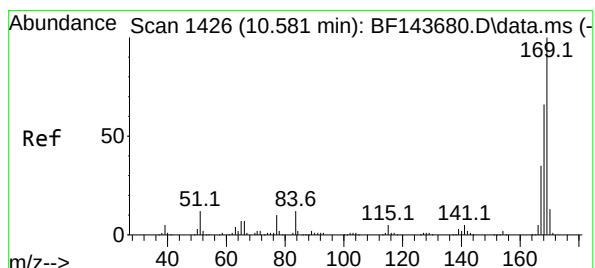
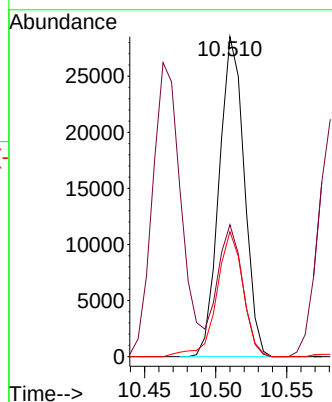
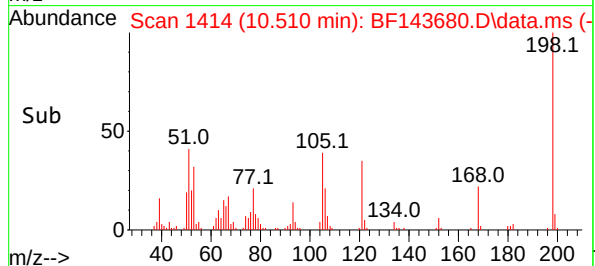
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



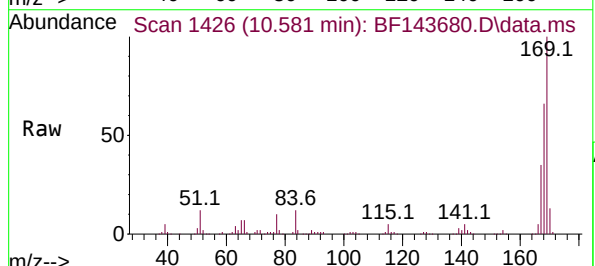
Tgt Ion:198 Resp: 35103
Ion Ratio Lower Upper
198 100
51 41.2 21.2 61.2
105 39.0 19.0 59.0

Manual Integrations
APPROVED

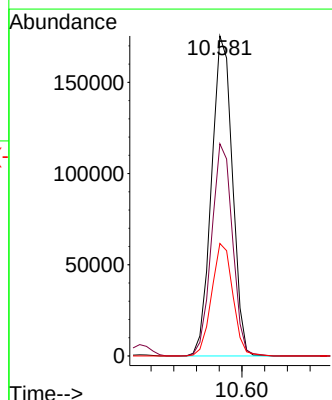
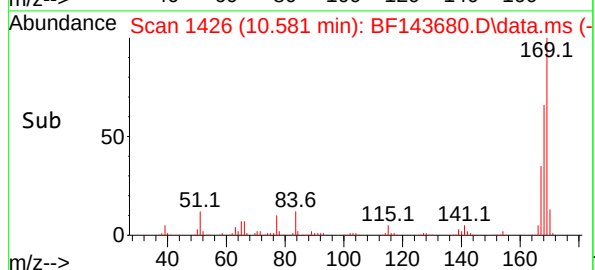
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

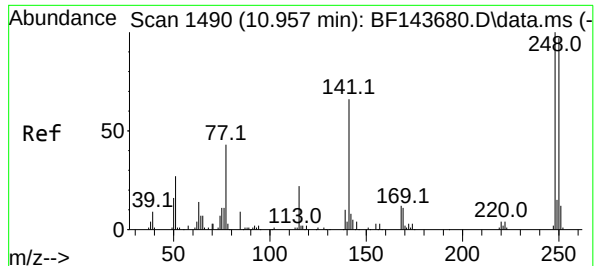


#66
n-Nitrosodiphenylamine
Concen: 41.272 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08



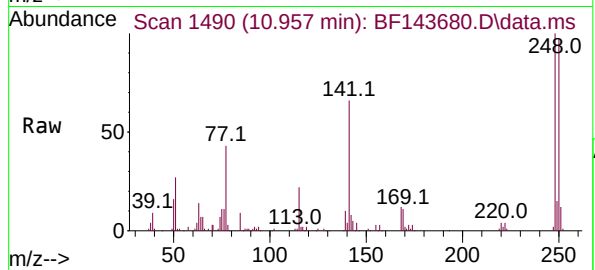
Tgt Ion:169 Resp: 223544
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 35.1 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 42.283 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

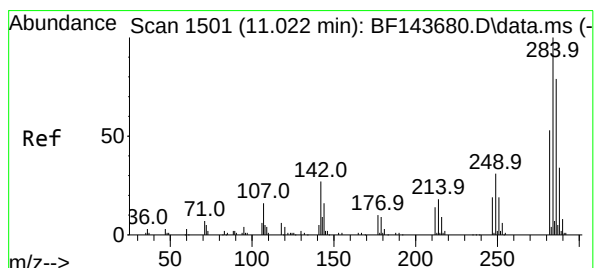
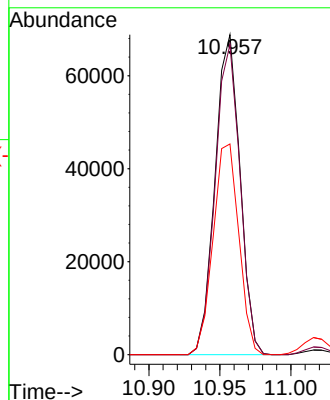
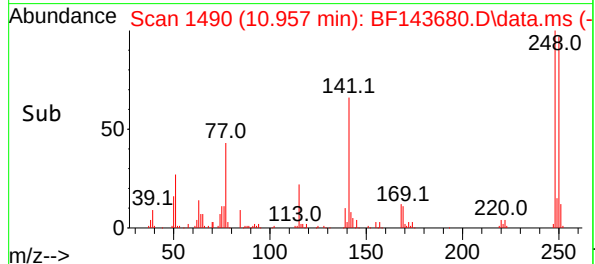
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



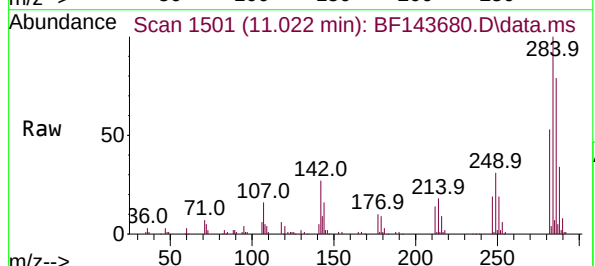
Tgt Ion:248 Resp: 84304
Ion Ratio Lower Upper
248 100
250 96.9 77.5 116.3
141 65.8 52.6 79.0

Manual Integrations
APPROVED

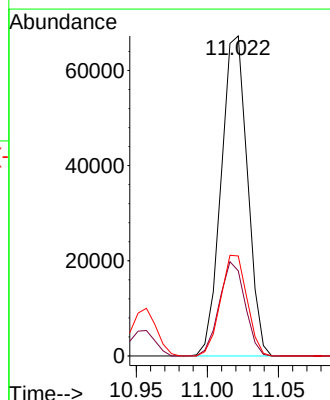
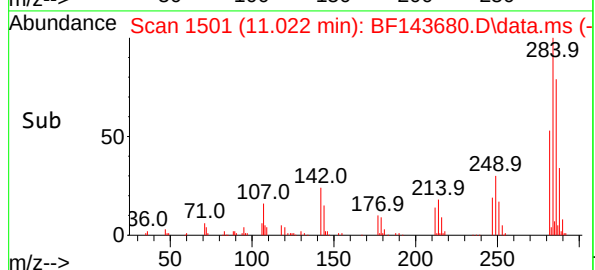
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

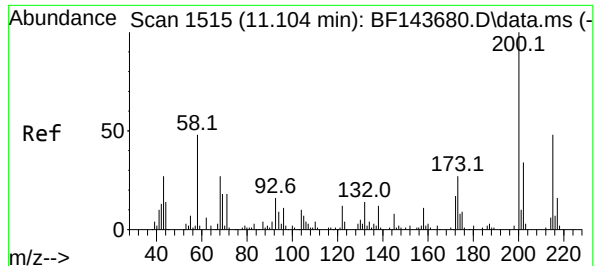


#68
Hexachlorobenzene
Concen: 41.162 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08



Tgt Ion:284 Resp: 86656
Ion Ratio Lower Upper
284 100
142 26.6 21.3 31.9
249 31.2 25.0 37.4





#69

Atrazine

Concen: 40.123 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 68140

Ion Ratio Lower Upper

200 100

173 27.3 7.3 47.3

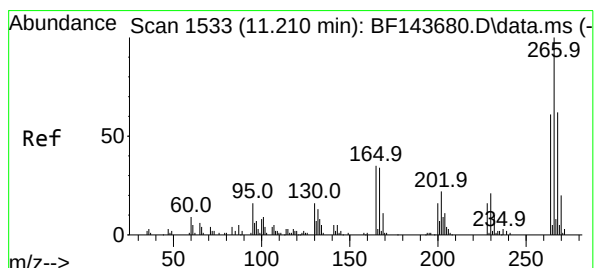
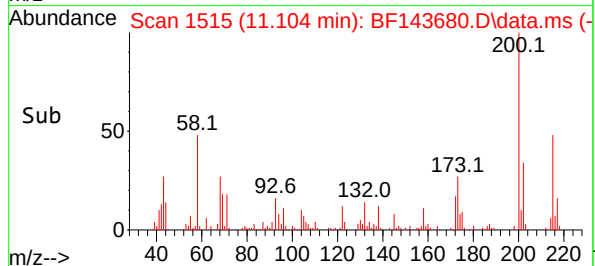
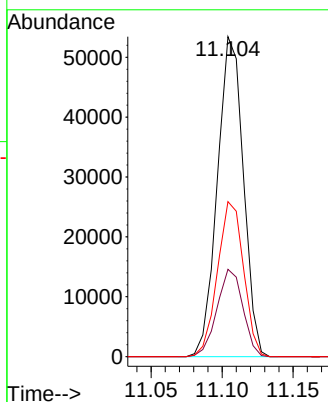
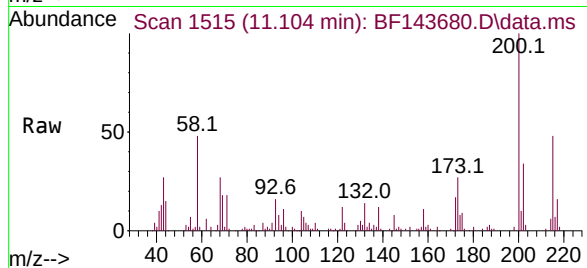
215 48.5 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#70

Pentachlorophenol

Concen: 42.640 ng

RT: 11.210 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

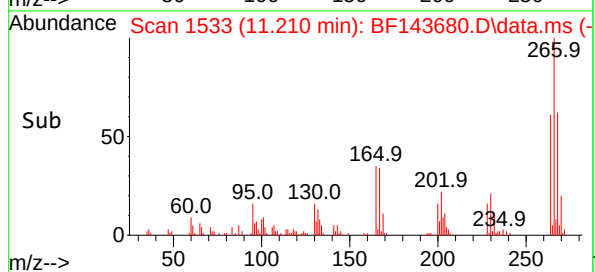
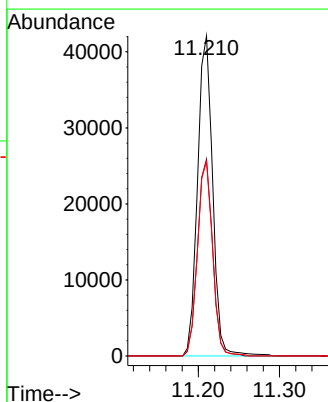
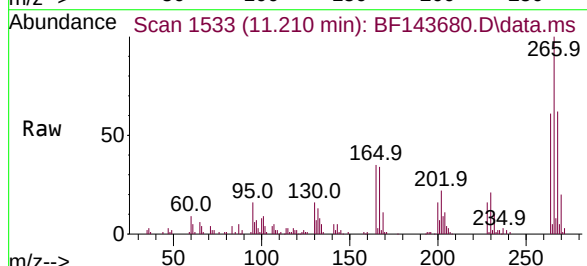
Tgt Ion:266 Resp: 54265

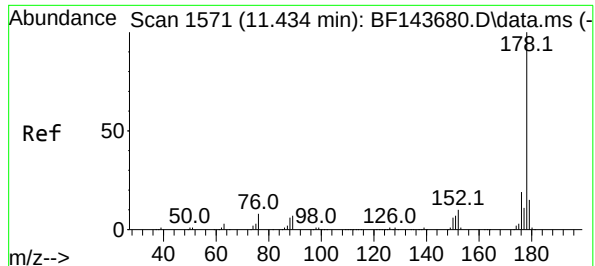
Ion Ratio Lower Upper

266 100

268 61.5 49.2 73.8

264 60.8 48.6 73.0





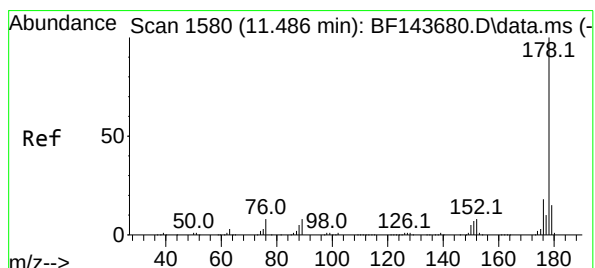
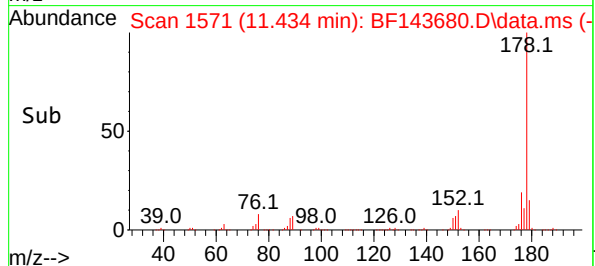
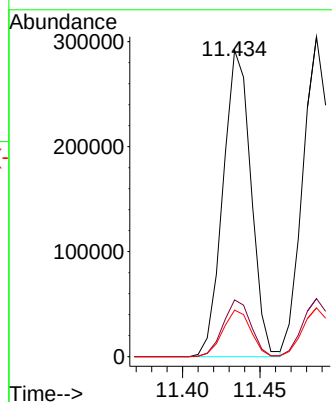
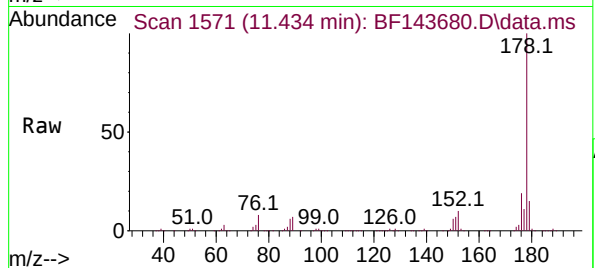
#71
Phenanthrene
Concen: 40.436 ng
RT: 11.434 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Instrument :
BNA_F
Client Sample Id :
SSTDICCC040

Tgt Ion:178 Resp: 368361
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.2 12.2 18.2

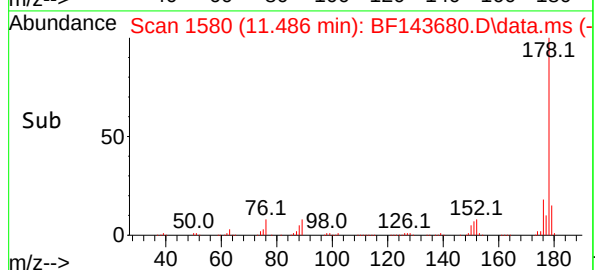
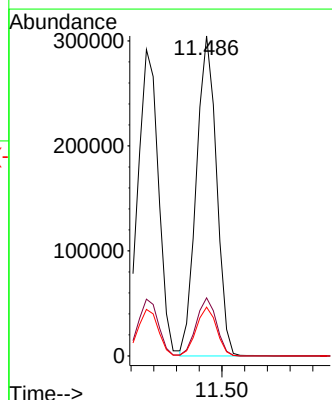
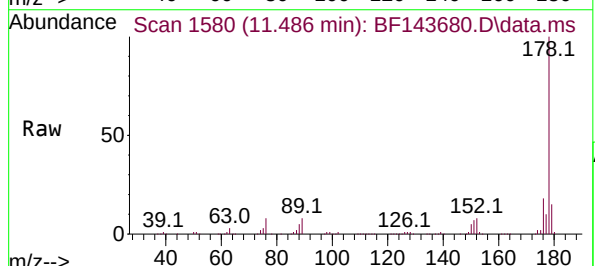
Manual Integrations
APPROVED

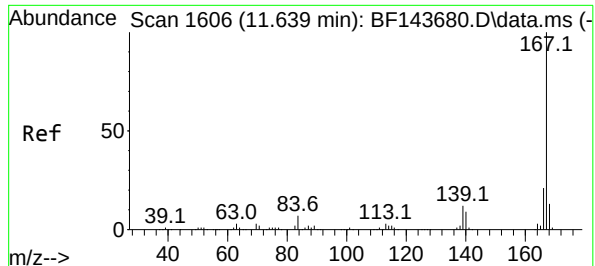
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#72
Anthracene
Concen: 40.944 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

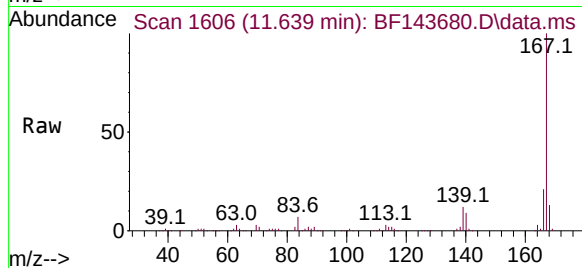
Tgt Ion:178 Resp: 375041
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.2 12.2 18.2





#73
Carbazole
Concen: 40.765 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

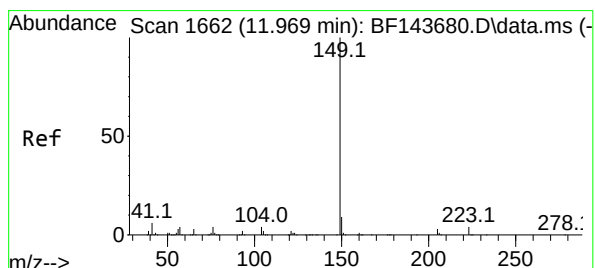
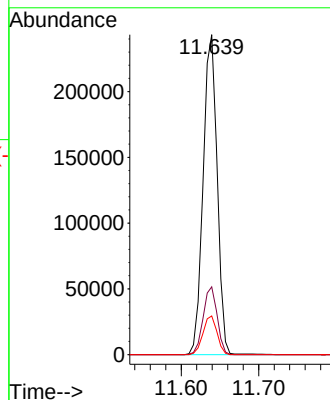
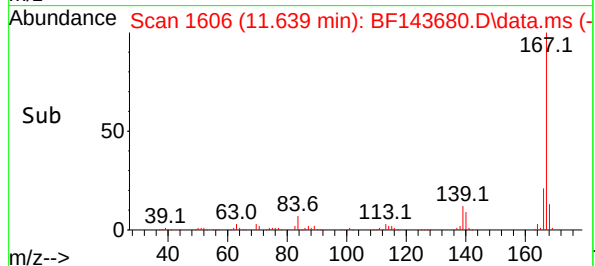
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



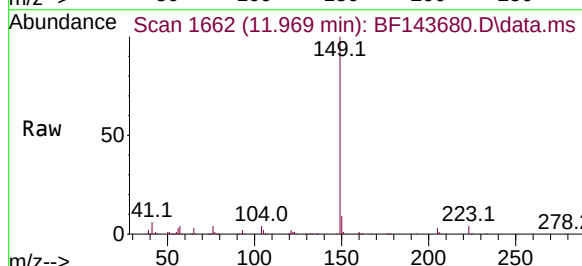
Tgt Ion:167 Resp: 305808
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.1 9.7 14.5

Manual Integrations
APPROVED

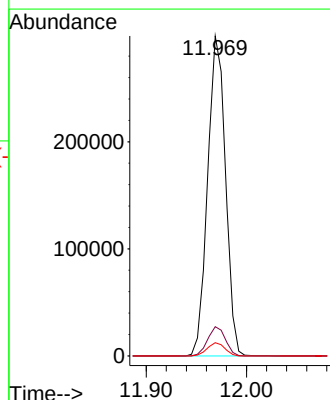
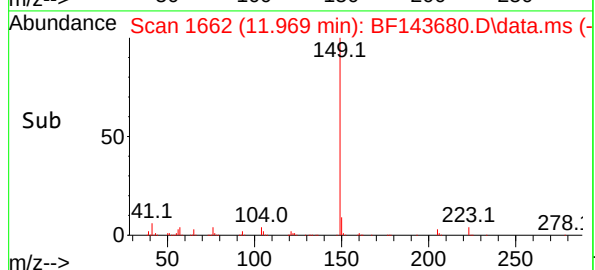
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

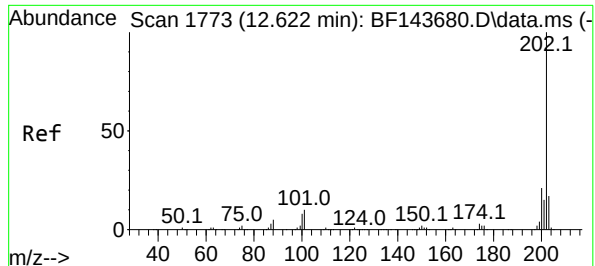


#74
Di-n-butylphthalate
Concen: 40.868 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08



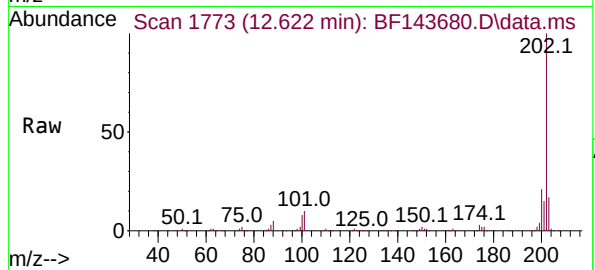
Tgt Ion:149 Resp: 369098
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.1 3.3 4.9





#75
Fluoranthene
Concen: 39.906 ng
RT: 12.622 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

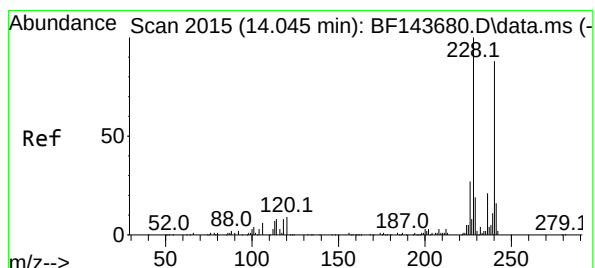
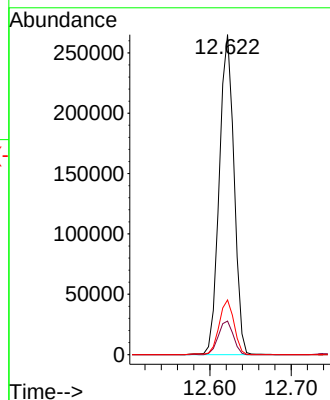
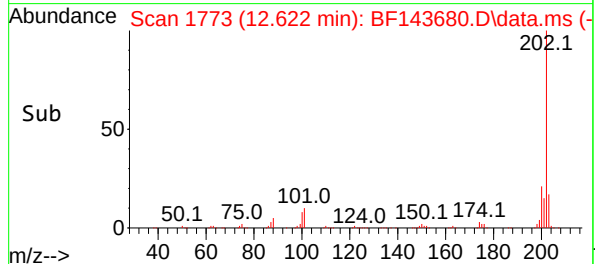
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



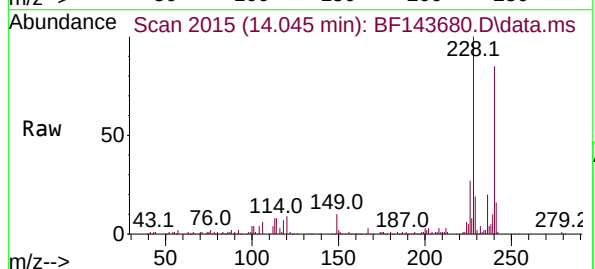
Tgt Ion:202 Resp: 333725
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.5
203 17.1 0.0 37.1

Manual Integrations
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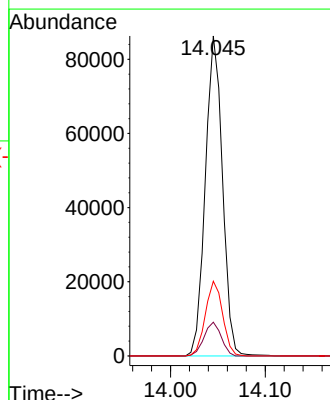
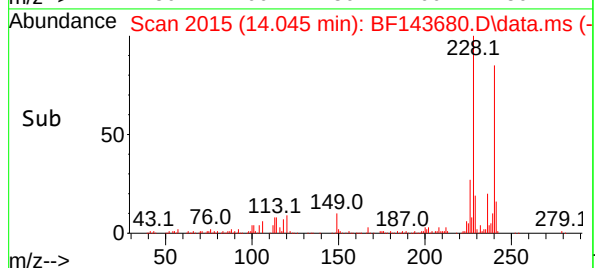
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

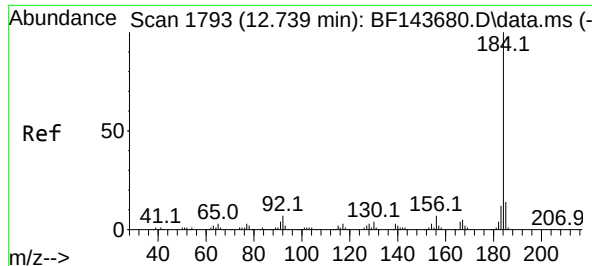


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08



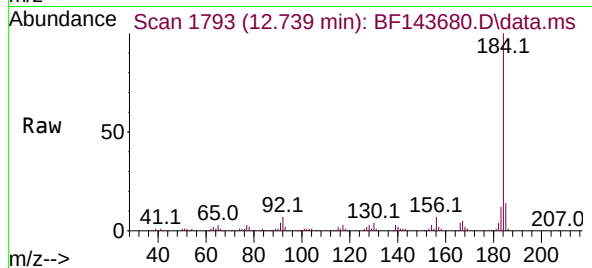
Tgt Ion:240 Resp: 108683
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 23.3 18.6 28.0





#77
Benzidine
Concen: 40.182 ng
RT: 12.739 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

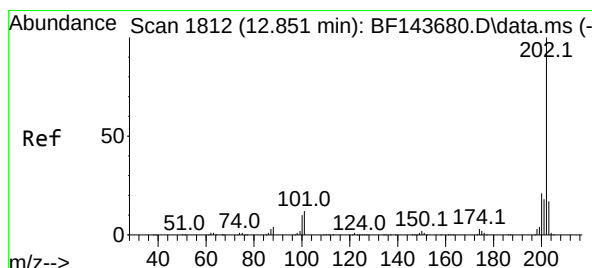
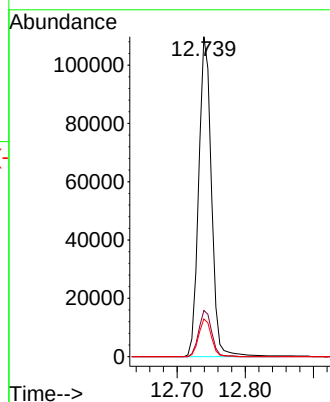
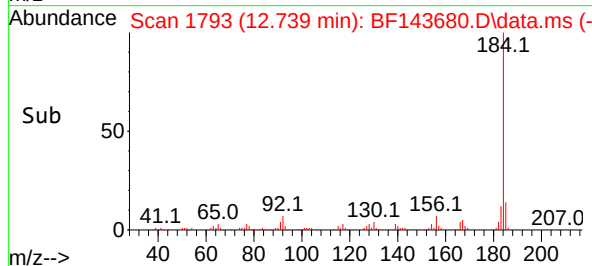
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 142412
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.8 9.4 14.2

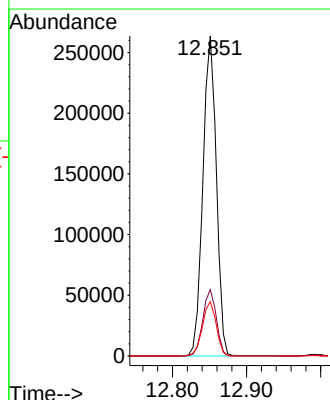
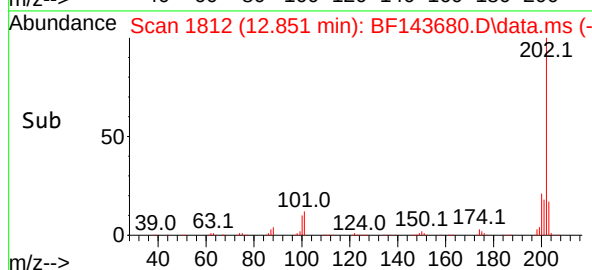
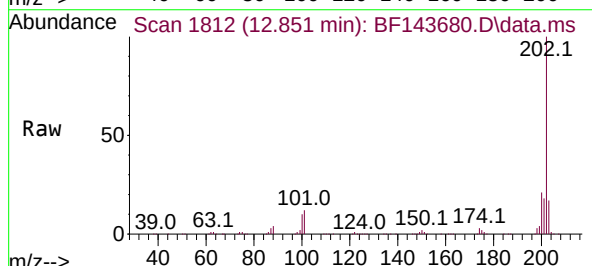
Manual Integrations
APPROVED

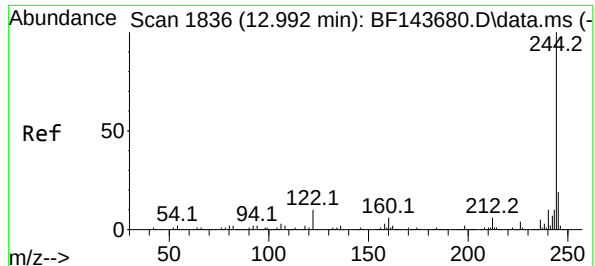
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#78
Pyrene
Concen: 38.247 ng
RT: 12.851 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:202 Resp: 332356
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 16.9 13.5 20.3





#79

Terphenyl-d14

Concen: 76.017 ng

RT: 12.992 min Scan# 1836

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 509820

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.6

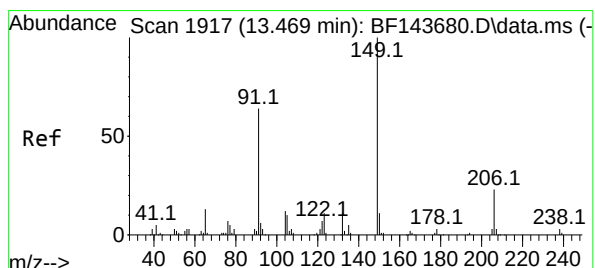
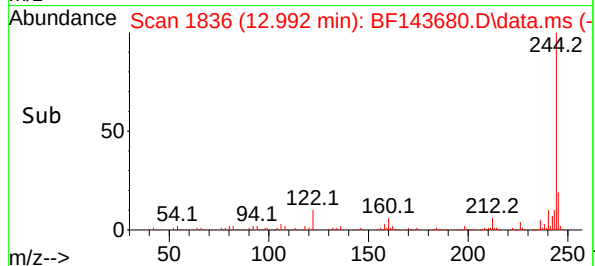
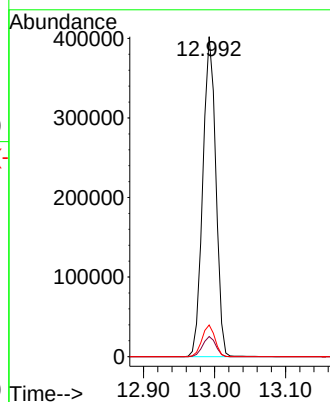
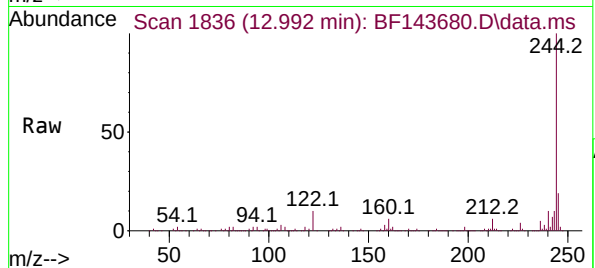
122 9.9 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#80

Butylbenzylphthalate

Concen: 41.314 ng

RT: 13.469 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

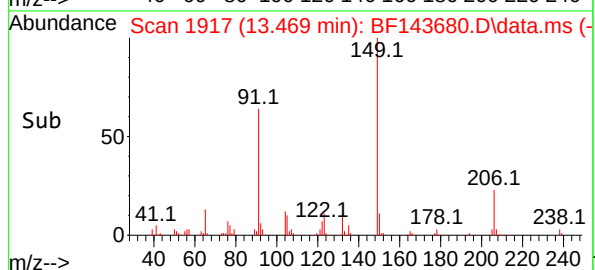
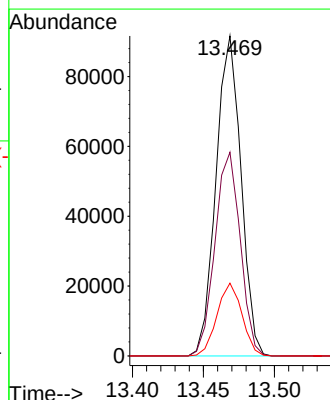
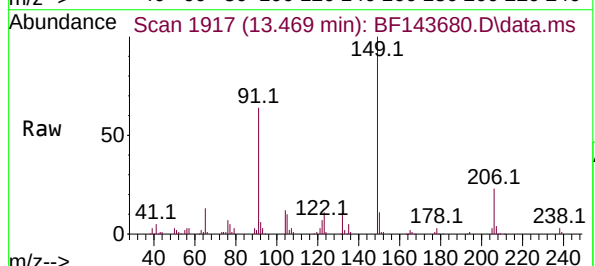
Tgt Ion:149 Resp: 112482

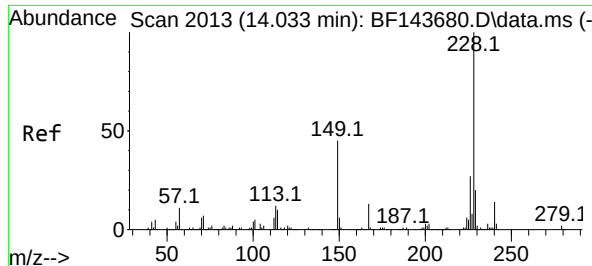
Ion Ratio Lower Upper

149 100

91 63.6 50.9 76.3

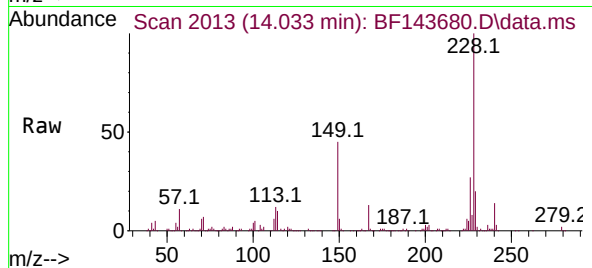
206 22.7 18.2 27.2





#81
Benzo(a)anthracene
Concen: 38.726 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

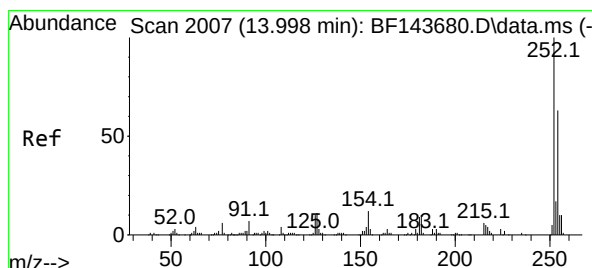
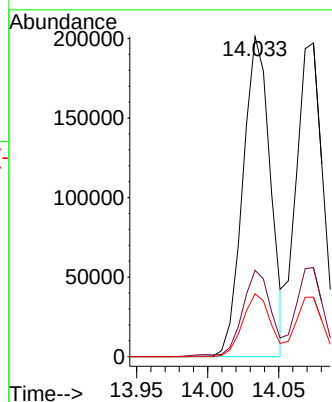
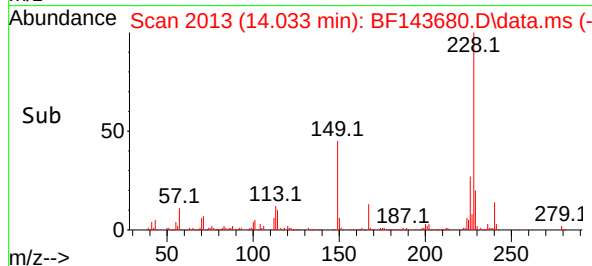
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 270777
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.6 15.7 23.5

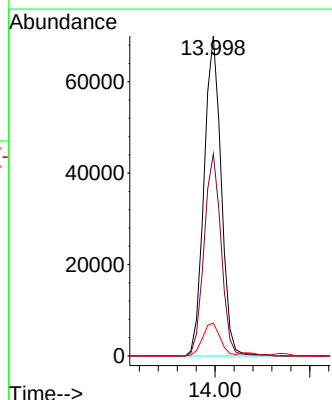
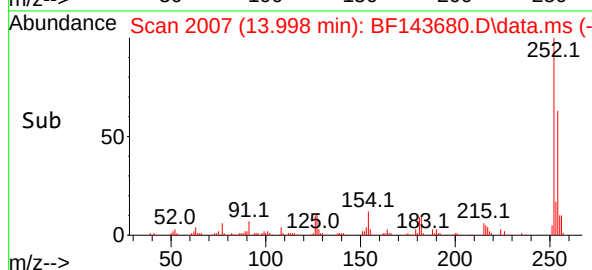
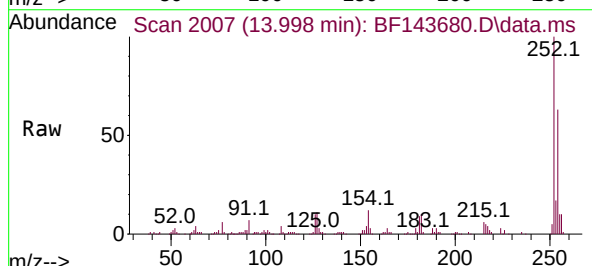
Manual Integrations
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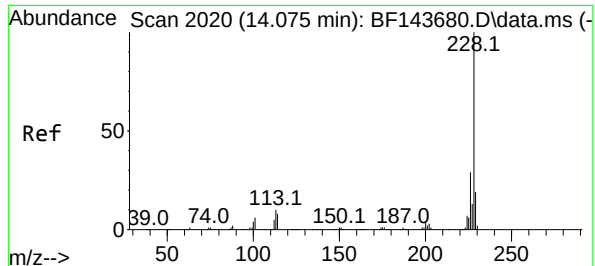
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 40.919 ng
RT: 13.998 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

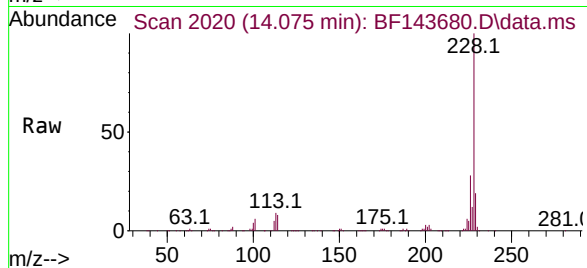
Tgt Ion:252 Resp: 88020
Ion Ratio Lower Upper
252 100
254 63.1 50.5 75.7
126 10.3 8.2 12.4





#83
Chrysene
Concen: 40.223 ng
RT: 14.075 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

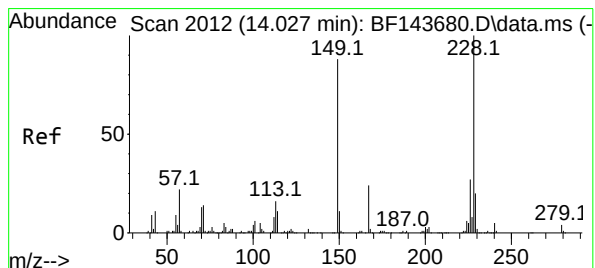
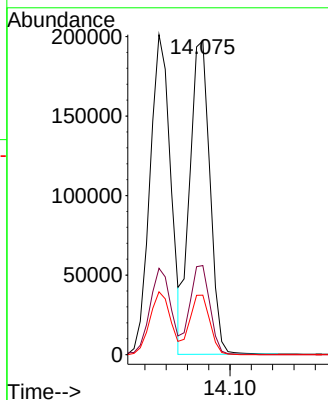
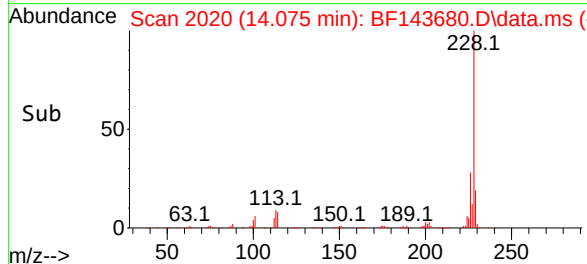
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 257572
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 18.9 15.1 22.7

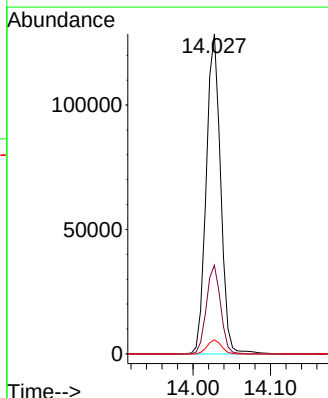
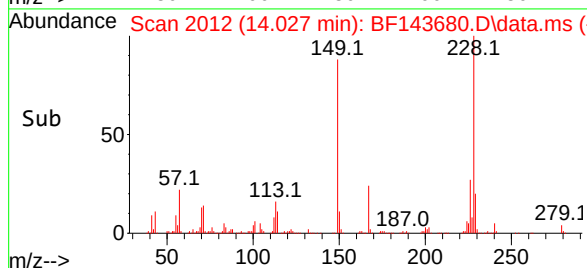
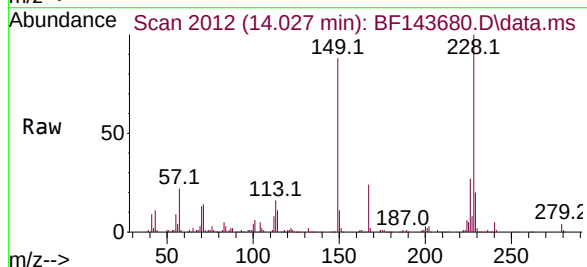
Manual Integrations
APPROVED

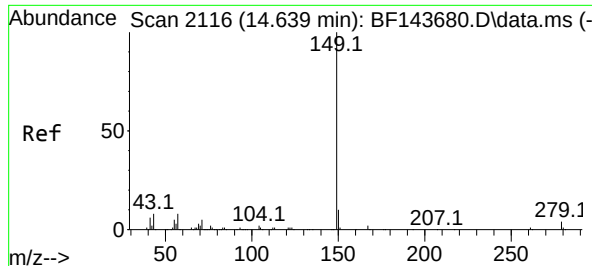
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.490 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

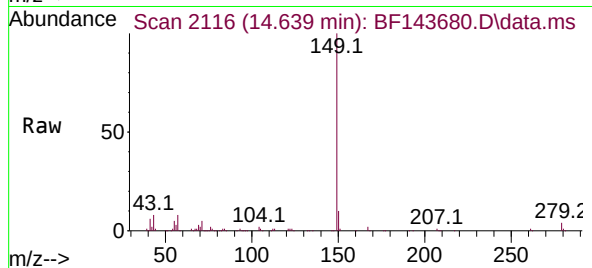
Tgt Ion:149 Resp: 165062
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 4.4 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 41.700 ng
RT: 14.639 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

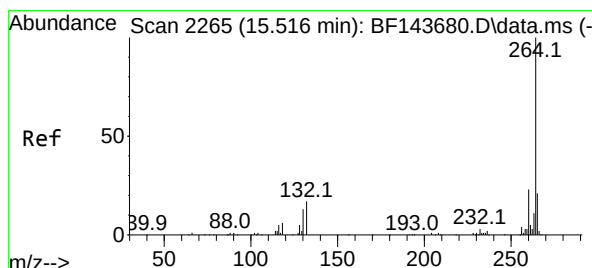
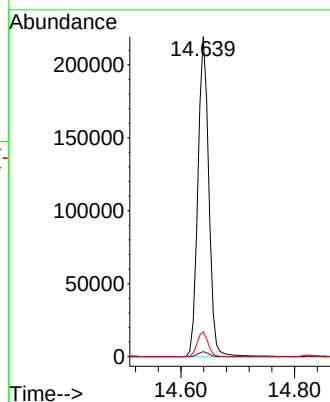
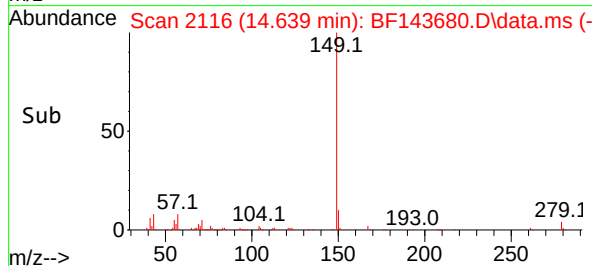
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



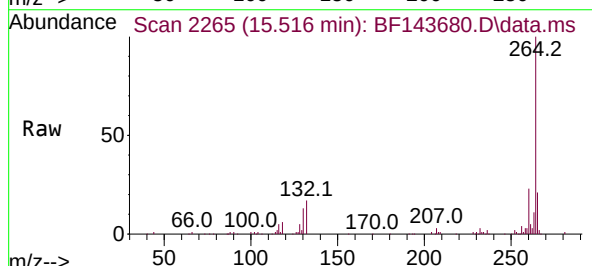
Tgt Ion:149 Resp: 290289
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.7 6.2 9.2

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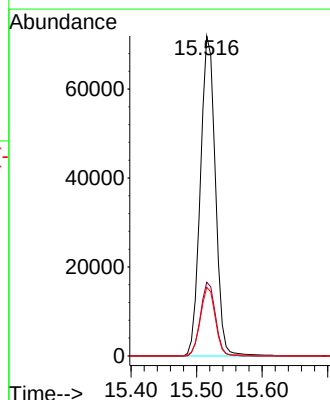
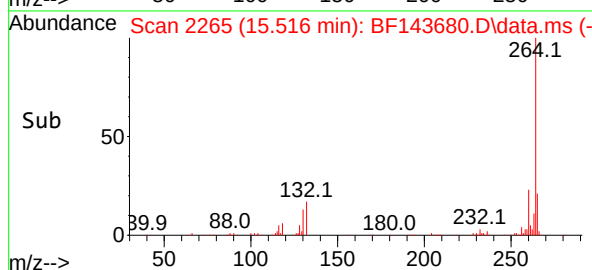
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

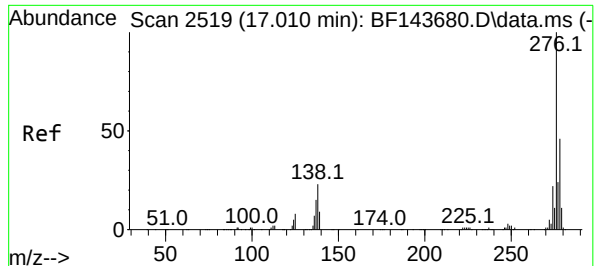


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08



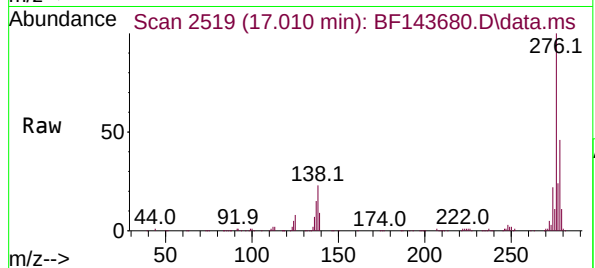
Tgt Ion:264 Resp: 113725
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 21.4 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.200 ng
RT: 17.010 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

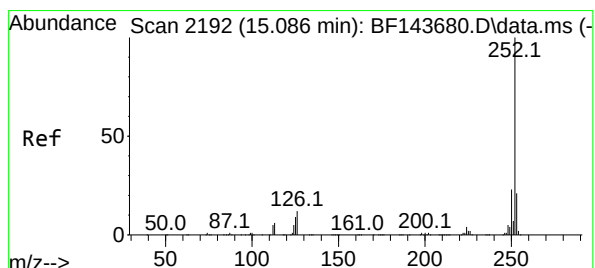
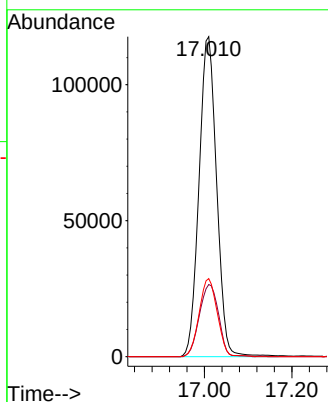
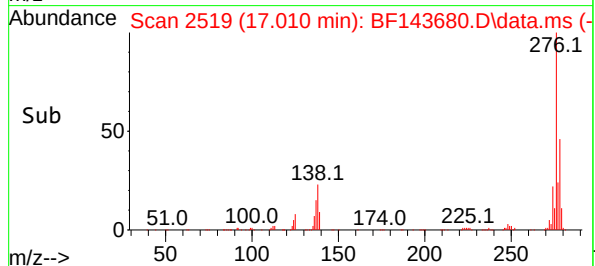
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 327534
Ion Ratio Lower Upper
276 100
138 24.6 19.7 29.5
277 25.2 20.2 30.2

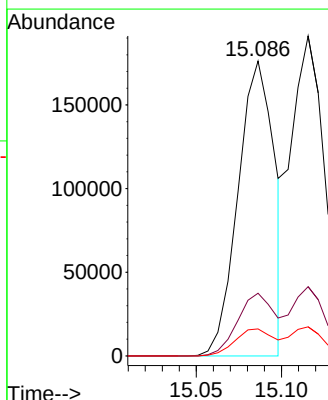
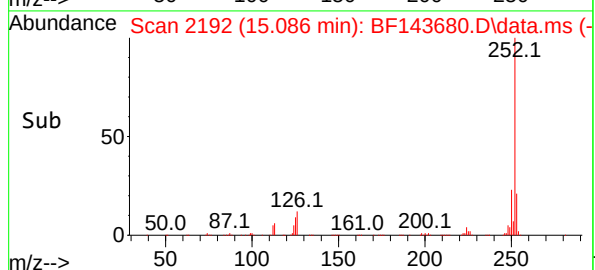
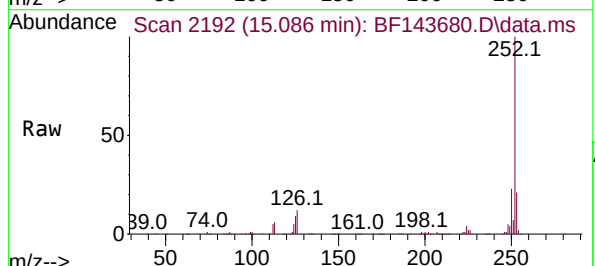
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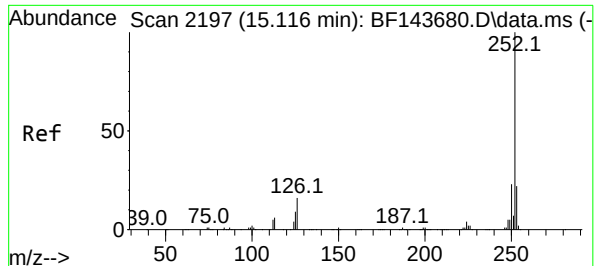
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#88
Benzo(b)fluoranthene
Concen: 38.770 ng
RT: 15.086 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:252 Resp: 262466
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.4
125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.517 ng

RT: 15.116 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

Instrument :

BNA_F

ClientSampleId :

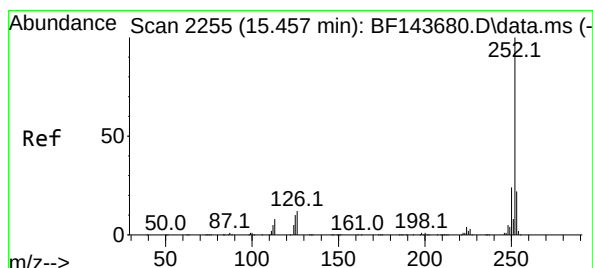
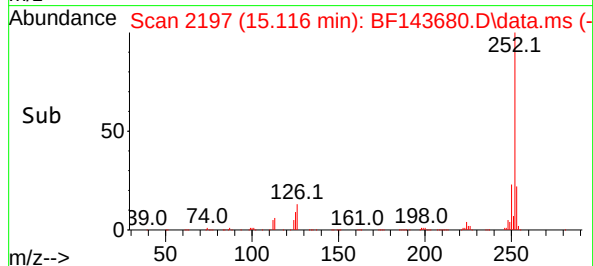
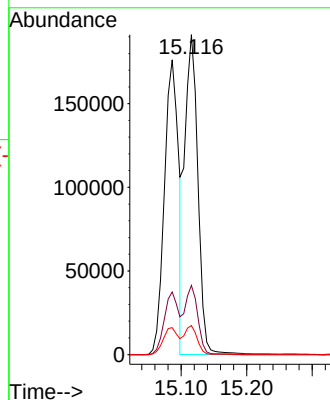
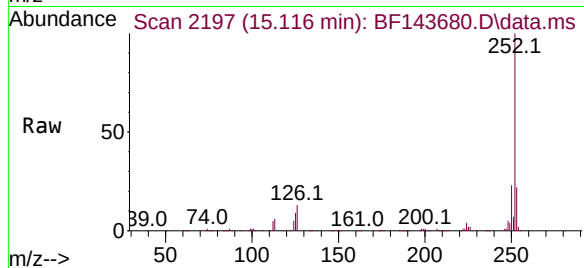
SSTDICCC040

Tgt Ion:252 Resp: 265883
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.1 7.3 10.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#90

Benzo(a)pyrene

Concen: 41.505 ng

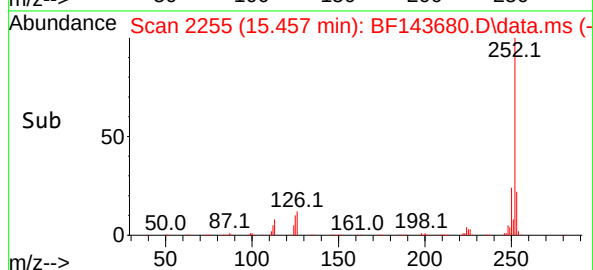
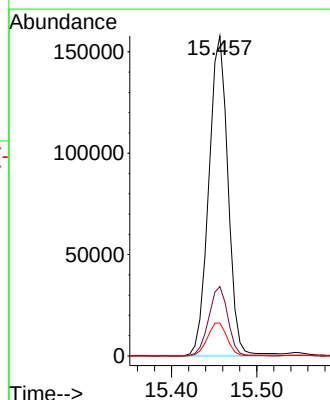
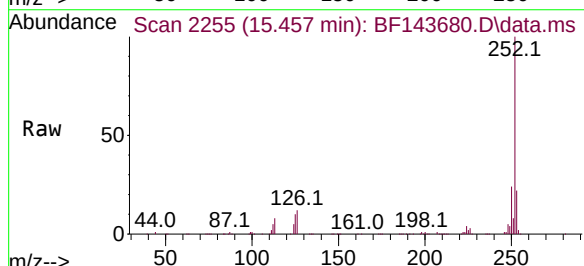
RT: 15.457 min Scan# 2255

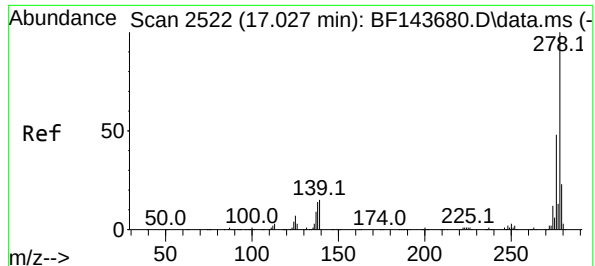
Delta R.T. 0.000 min

Lab File: BF143680.D

Acq: 09 Sep 2025 11:08

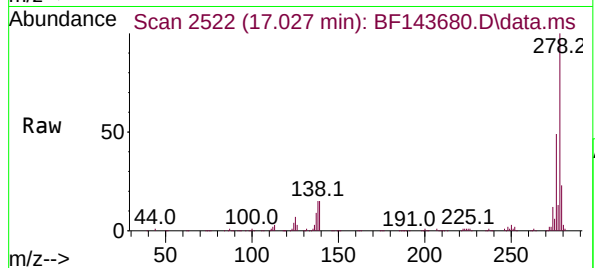
Tgt Ion:252 Resp: 246850
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.3 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 41.849 ng
RT: 17.027 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

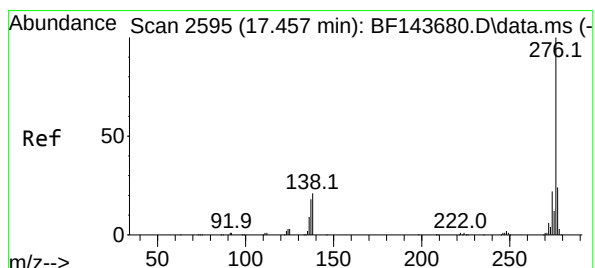
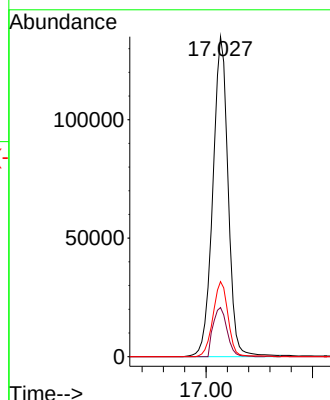
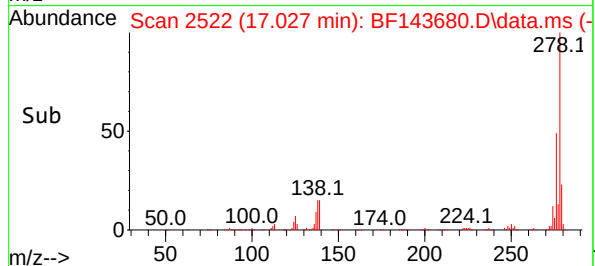
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 269482
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.4 18.7 28.1

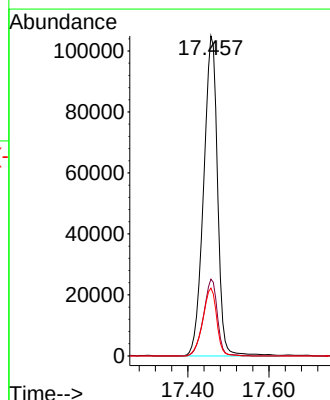
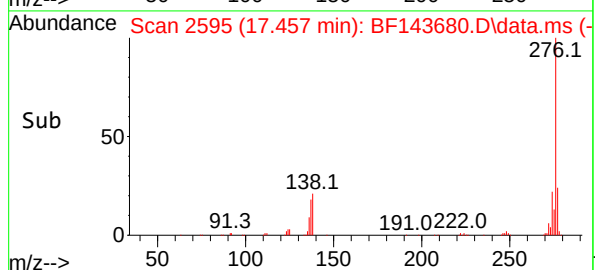
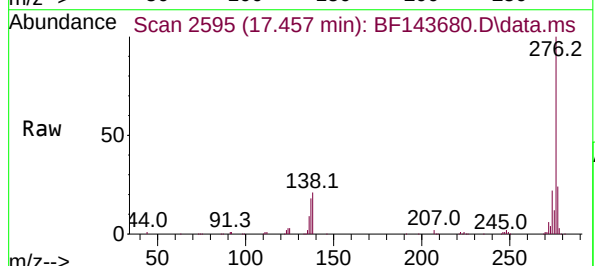
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#92
Benzo(g,h,i)perylene
Concen: 41.597 ng
RT: 17.457 min Scan# 2595
Delta R.T. 0.000 min
Lab File: BF143680.D
Acq: 09 Sep 2025 11:08

Tgt Ion:276 Resp: 250547
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 21.2 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143681.D
 Acq On : 09 Sep 2025 11:37
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	48701	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	187400	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	106239	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	163693	20.000	ng	0.00
76) Chrysene-d12	14.045	240	105078	20.000	ng	0.00
86) Perylene-d12	15.515	264	117337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	275777	96.613	ng	0.00
7) Phenol-d6	6.510	99	336370	96.781	ng	0.00
23) Nitrobenzene-d5	7.451	82	298944	99.224	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	105674	98.701	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	669974	95.264	ng	0.00
79) Terphenyl-d14	12.992	244	578773	89.259	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	60202	47.281	ng	98
3) Pyridine	3.434	79	162073	49.275	ng	97
4) n-Nitrosodimethylamine	3.387	42	60449	48.382	ng	95
6) Aniline	6.551	93	224778	48.830	ng	99
8) 2-Chlorophenol	6.675	128	150257	48.739	ng	97
9) Benzaldehyde	6.445	77	151356	53.975	ng	98
10) Phenol	6.522	94	185806m	48.363	ng	
11) bis(2-Chloroethyl)ether	6.628	93	138527	48.278	ng	99
12) 1,3-Dichlorobenzene	6.834	146	171492	48.639	ng	100
13) 1,4-Dichlorobenzene	6.910	146	173871	48.857	ng	100
14) 1,2-Dichlorobenzene	7.063	146	163398	48.621	ng	99
15) Benzyl Alcohol	7.028	79	123209	48.734	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	179887	47.919	ng	98
17) 2-Methylphenol	7.134	107	122850	49.537	ng	99
18) Hexachloroethane	7.404	117	55730	48.478	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	103255	48.373	ng	100
20) 3+4-Methylphenols	7.287	107	159846	48.946	ng	95
22) Acetophenone	7.298	105	202733	47.900	ng	98
24) Nitrobenzene	7.475	77	152066	48.677	ng	97
25) Isophorone	7.710	82	275784	47.736	ng	99
26) 2-Nitrophenol	7.787	139	80228	52.233	ng	99
27) 2,4-Dimethylphenol	7.816	122	134004	48.598	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	169853	47.841	ng	99
29) 2,4-Dichlorophenol	8.022	162	134803	48.600	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	140654	48.947	ng	99
31) Naphthalene	8.192	128	445518	48.024	ng	100
32) Benzoic acid	7.916	122	86159	51.216	ng	99
33) 4-Chloroaniline	8.239	127	154832	47.942	ng	99
34) Hexachlorobutadiene	8.310	225	90648	48.364	ng	99
35) Caprolactam	8.610	113	35043	47.468	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	132445	48.427	ng	98
37) 2-Methylnaphthalene	8.886	142	303130	47.734	ng	100
38) 1-Methylnaphthalene	8.981	142	291205	47.783	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	146682	48.228	ng	100
41) Hexachlorocyclopentadiene	9.039	237	82011	52.522	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	98872	48.683	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143681.D
 Acq On : 09 Sep 2025 11:37
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	102829	49.805	ng	99
46) 1,1'-Biphenyl	9.351	154	370301	48.416	ng	99
47) 2-Chloronaphthalene	9.375	162	285560	47.625	ng	99
48) 2-Nitroaniline	9.463	65	81098	51.109	ng	96
49) Acenaphthylene	9.786	152	416024	48.437	ng	100
50) Dimethylphthalate	9.645	163	329330	47.644	ng	100
51) 2,6-Dinitrotoluene	9.704	165	68823	52.075	ng	98
52) Acenaphthene	9.963	154	281534	47.568	ng	98
53) 3-Nitroaniline	9.875	138	68669	48.282	ng	98
54) 2,4-Dinitrophenol	9.975	184	30751	45.821	ng	# 77
55) Dibenzofuran	10.133	168	408703	48.023	ng	98
56) 4-Nitrophenol	10.016	139	53500	47.282	ng	95
57) 2,4-Dinitrotoluene	10.104	165	89538	49.779	ng	98
58) Fluorene	10.475	166	315248	47.321	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83243	49.723	ng	99
60) Diethylphthalate	10.345	149	305936	47.144	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	160530	47.513	ng	98
62) 4-Nitroaniline	10.486	138	64527	47.903	ng	98
63) Azobenzene	10.628	77	274716	47.885	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	42383	50.854	ng	97
66) n-Nitrosodiphenylamine	10.586	169	261578	48.778	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	97393	49.338	ng	98
68) Hexachlorobenzene	11.022	284	103033	49.432	ng	98
69) Atrazine	11.110	200	80407	47.821	ng	99
70) Pentachlorophenol	11.210	266	62720	49.778	ng	97
71) Phenanthrene	11.439	178	434393	48.163	ng	100
72) Anthracene	11.486	178	437984	48.295	ng	100
73) Carbazole	11.639	167	354246	47.696	ng	100
74) Di-n-butylphthalate	11.969	149	431786	48.289	ng	100
75) Fluoranthene	12.622	202	380399	45.943	ng	100
77) Benzidine	12.739	184	202166	58.999	ng	100
78) Pyrene	12.851	202	383337	45.628	ng	100
80) Butylbenzylphthalate	13.469	149	136440	51.832	ng	99
81) Benzo(a)anthracene	14.033	228	335640	49.650	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	107729	51.800	ng	98
83) Chrysene	14.074	228	293904	47.470	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	203237	54.112	ng	99
85) Di-n-octyl phthalate	14.639	149	363429	53.998	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	401522	50.140	ng	100
88) Benzo(b)fluoranthene	15.086	252	350635	50.199	ng	99
89) Benzo(k)fluoranthene	15.115	252	292102	46.337	ng	100
90) Benzo(a)pyrene	15.457	252	300975	49.048	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	331338	49.871	ng	100
92) Benzo(g,h,i)perylene	17.462	276	310457	49.956	ng	98

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

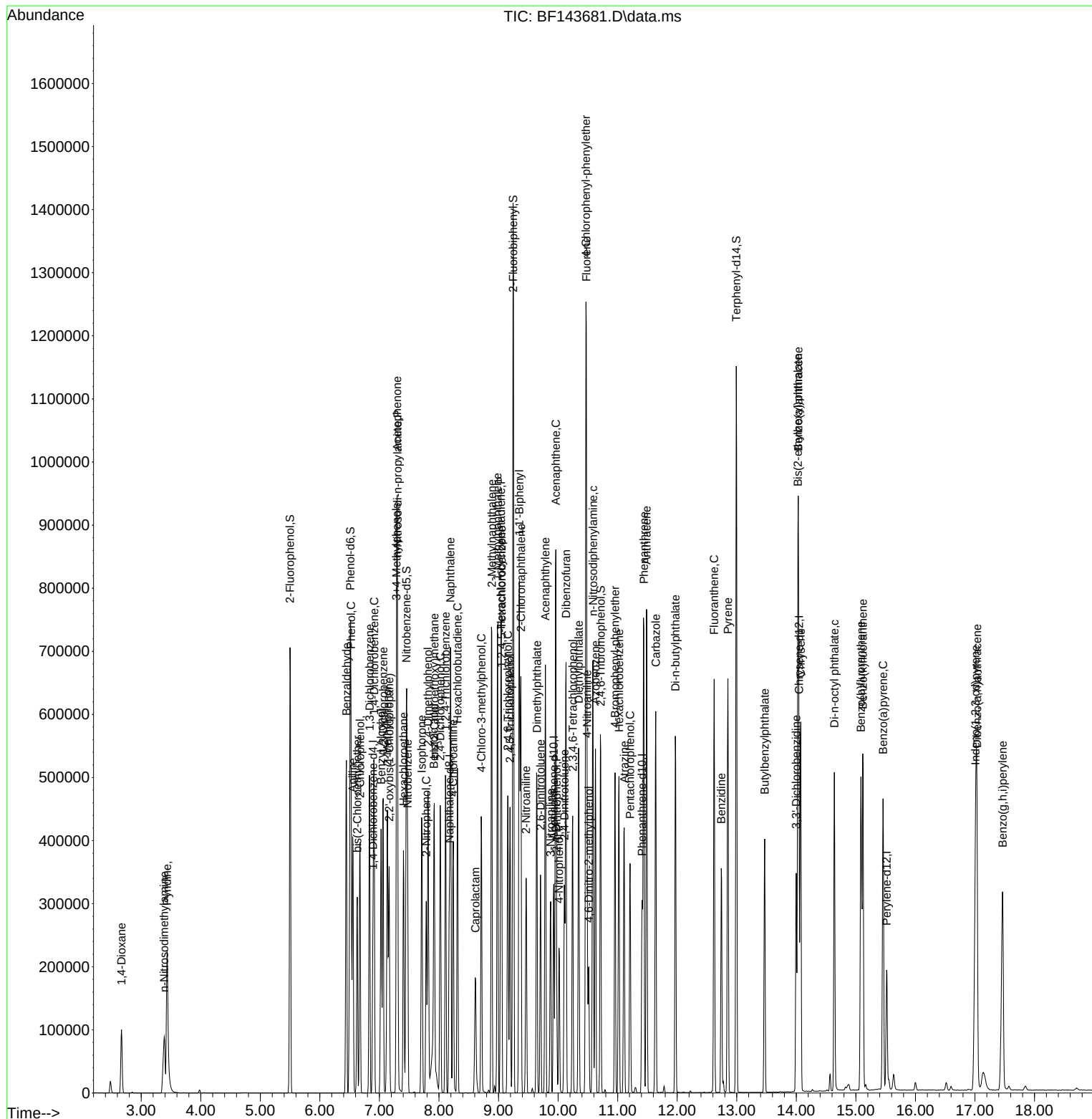
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Data File : BF143681.D
Acq On : 09 Sep 2025 11:37
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

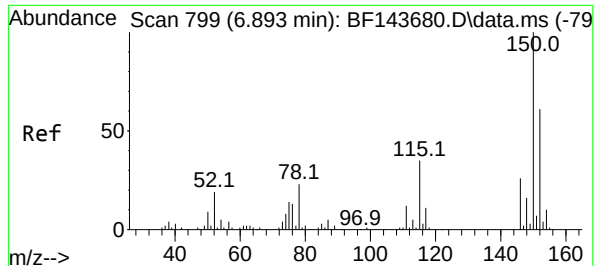
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Sep 09 15:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

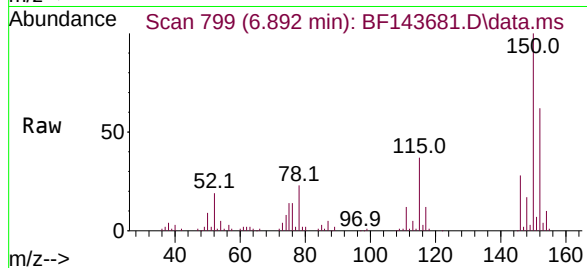
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

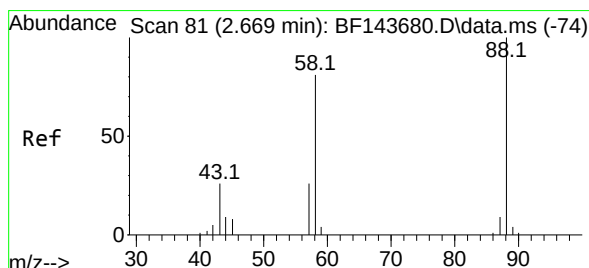
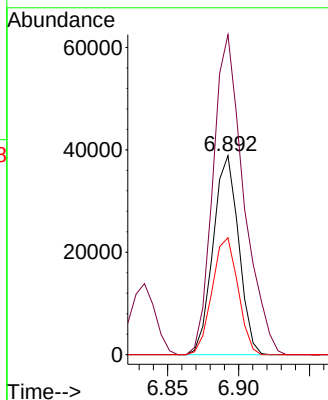
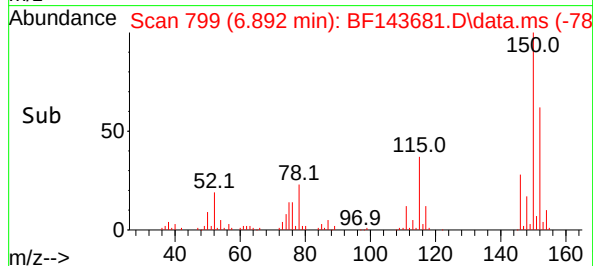
Instrument :
BNA_F
Client Sample Id :
SSTDICC050



Tgt Ion: 152 Resp: 48701
Ion Ratio Lower Upper
152 100
150 160.8 130.7 196.1
115 58.8 45.9 68.9

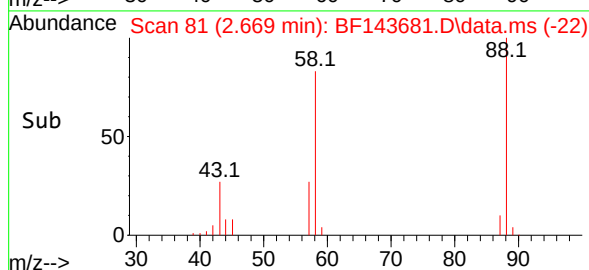
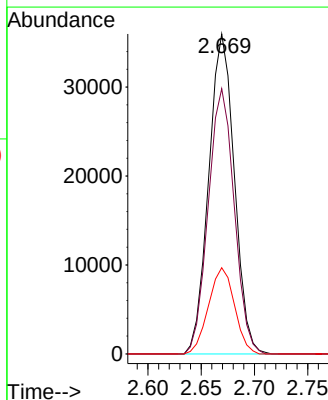
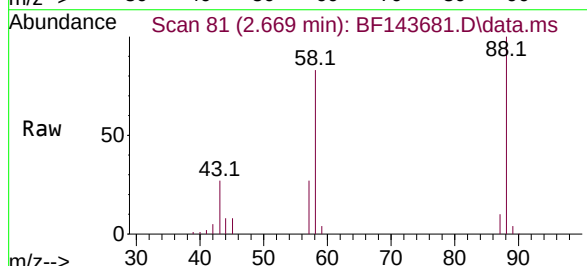
Manual Integrations
APPROVED

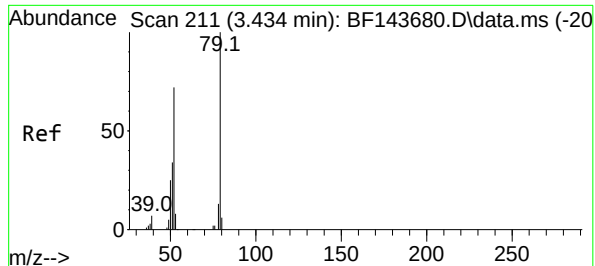
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#2
1,4-Dioxane
Concen: 47.281 ng
RT: 2.669 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

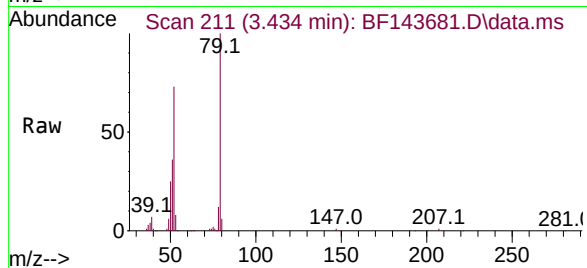
Tgt Ion: 88 Resp: 60202
Ion Ratio Lower Upper
88 100
58 84.1 65.8 98.6
43 27.3 20.6 31.0





#3
Pyridine
Concen: 49.275 ng
RT: 3.434 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

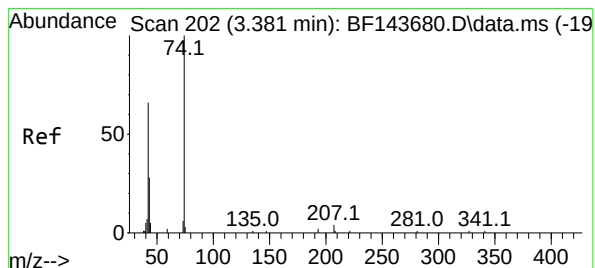
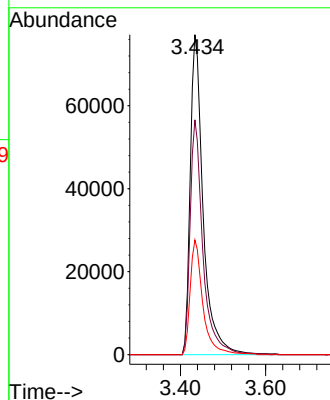
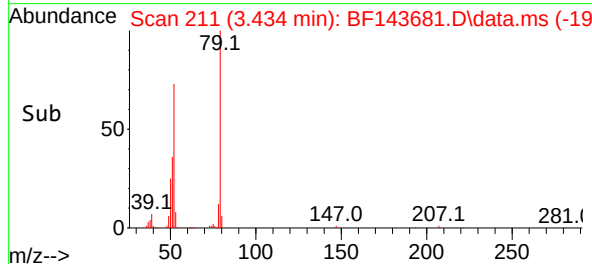
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 162073
Ion Ratio Lower Upper
79 100
52 73.4 57.2 85.8
51 35.8 27.0 40.6

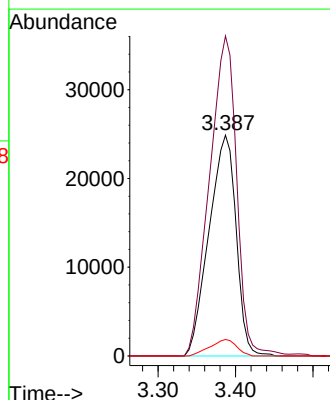
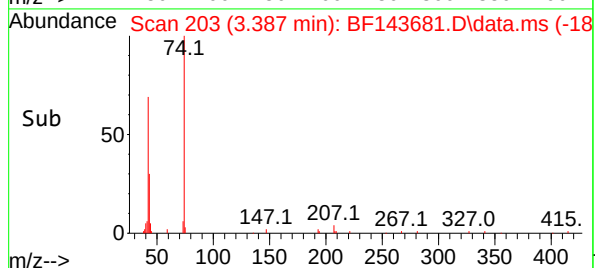
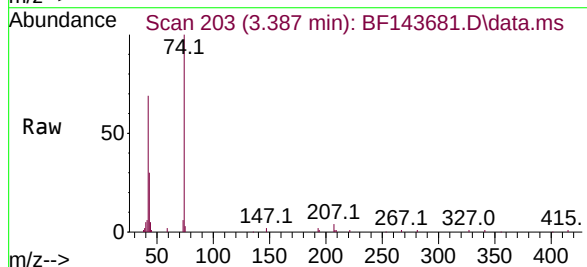
Manual Integrations
APPROVED

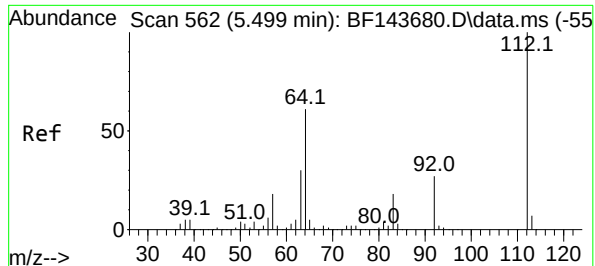
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#4
n-Nitrosodimethylamine
Concen: 48.382 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Tgt Ion: 42 Resp: 60449
Ion Ratio Lower Upper
42 100
74 144.9 120.9 181.3
44 7.5 6.5 9.7





#5
2-Fluorophenol
Concen: 96.613 ng
RT: 5.498 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

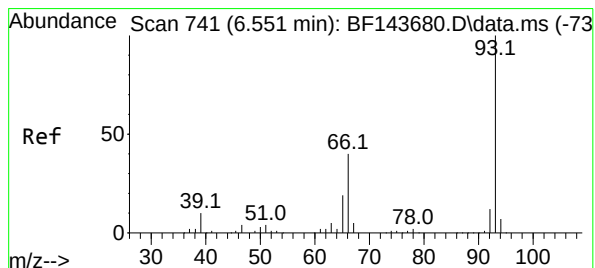
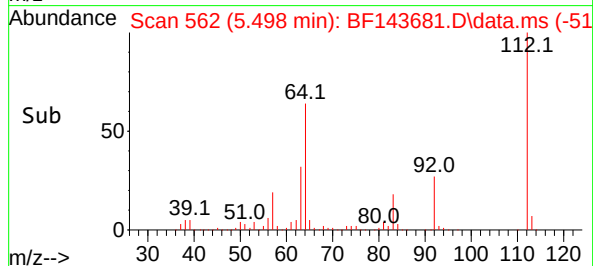
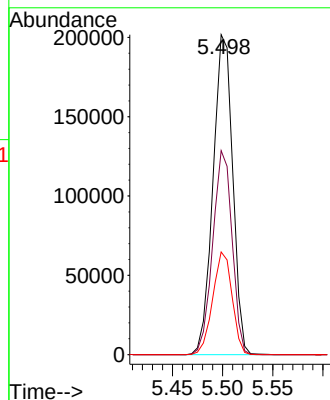
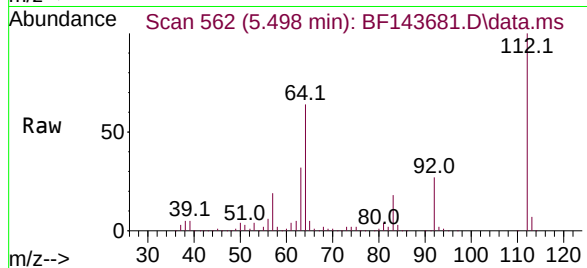
ClientSampleId :

SSTDICC050

Tgt Ion:	112	Resp:	275772
Ion Ratio	Lower	Upper	
112	100		
64	63.7	49.0	73.4
63	32.1	24.3	36.5

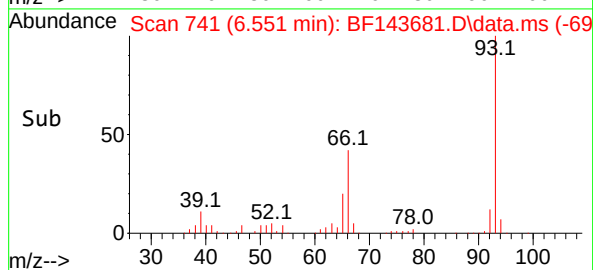
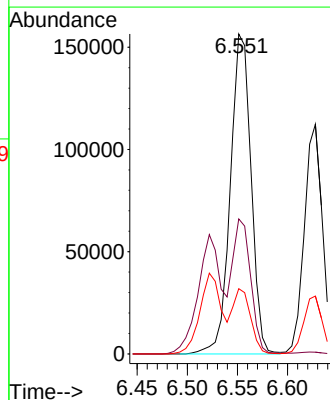
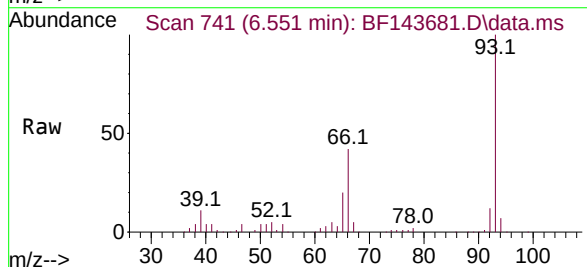
Manual Integrations
APPROVED

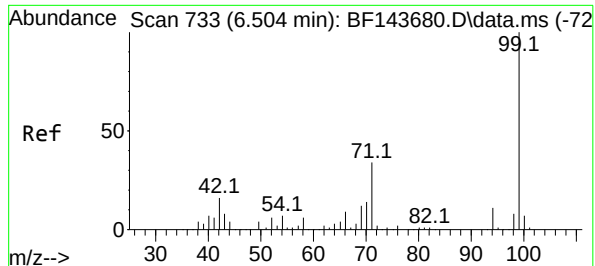
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#6
Aniline
Concen: 48.830 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

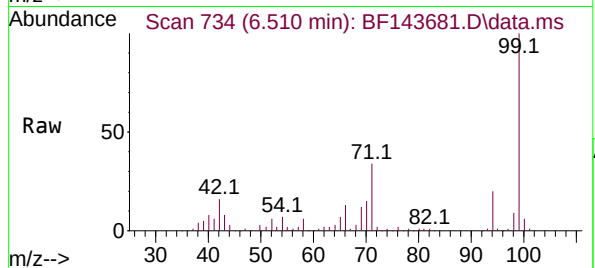
Tgt Ion:	93	Resp:	224778
Ion Ratio	Lower	Upper	
93	100		
66	42.2	34.1	51.1
65	20.4	16.1	24.1





#7
Phenol-d6
Concen: 96.781 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

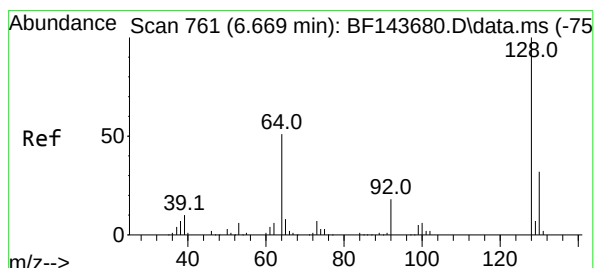
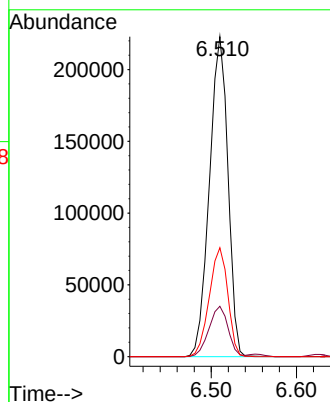
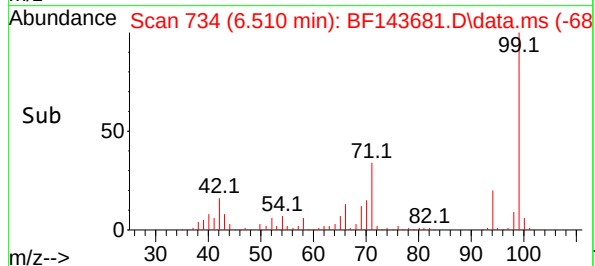
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



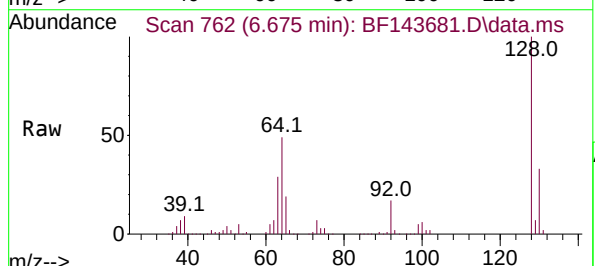
Tgt Ion: 99 Resp: 336370
Ion Ratio Lower Upper
99 100
42 15.7 13.0 19.4
71 34.0 27.4 41.2

Manual Integrations
APPROVED

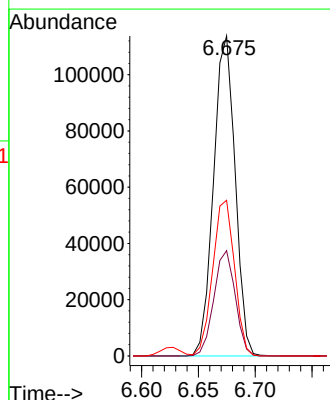
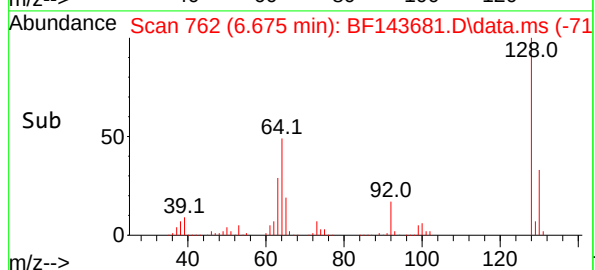
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

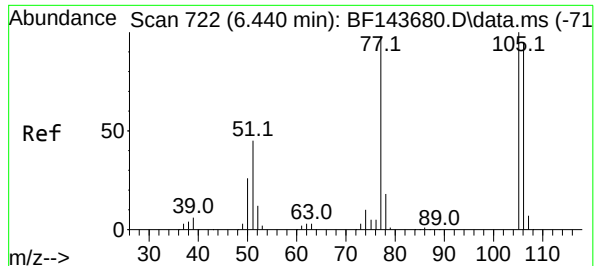


#8
2-Chlorophenol
Concen: 48.739 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



Tgt Ion:128 Resp: 150257
Ion Ratio Lower Upper
128 100
130 32.9 12.0 52.0
64 48.6 31.9 71.9





#9

Benzaldehyde

Concen: 53.975 ng

RT: 6.445 min Scan# 722

Delta R.T. 0.006 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 151356

Ion Ratio Lower Upper

77 100

105 103.6 81.7 121.7

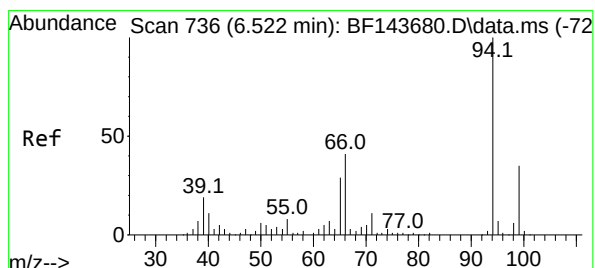
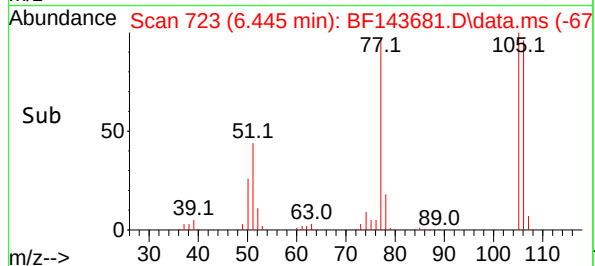
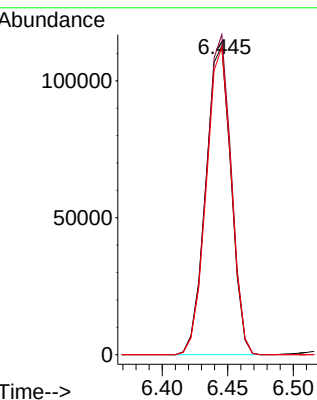
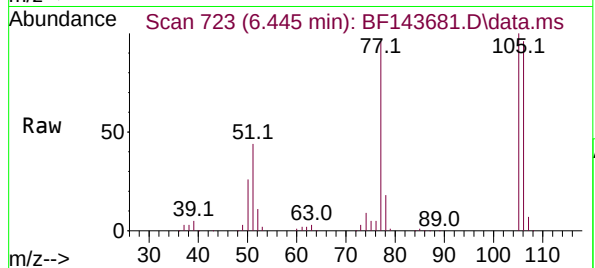
106 99.5 76.9 116.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#10

Phenol

Concen: 48.363 ng m

RT: 6.522 min Scan# 736

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

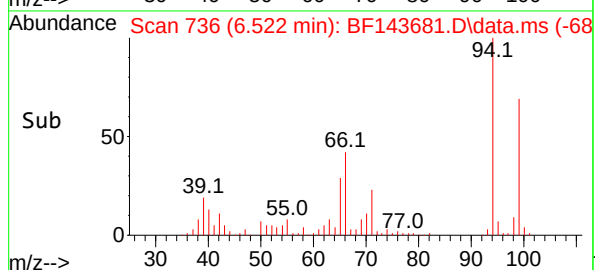
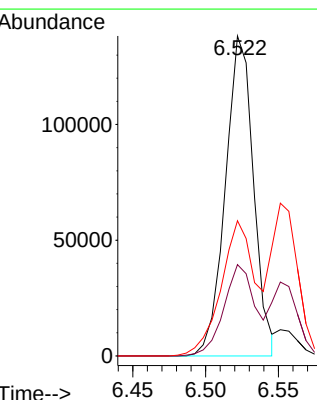
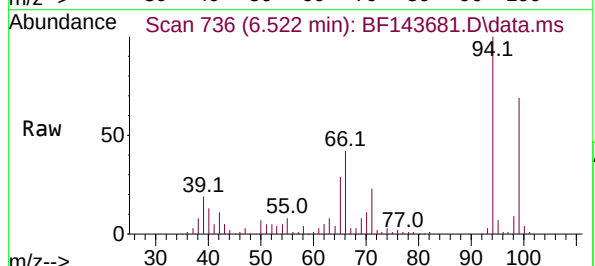
Tgt Ion: 94 Resp: 185806

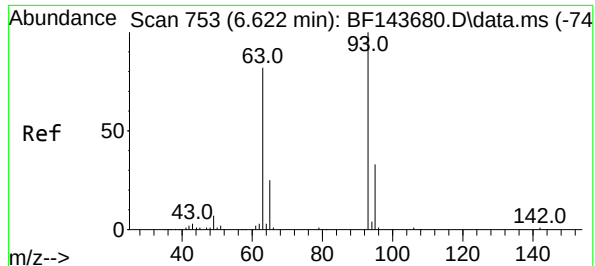
Ion Ratio Lower Upper

94 100

65 28.5 9.1 49.1

66 42.2 20.8 60.8





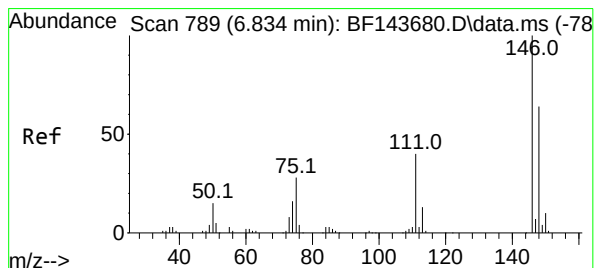
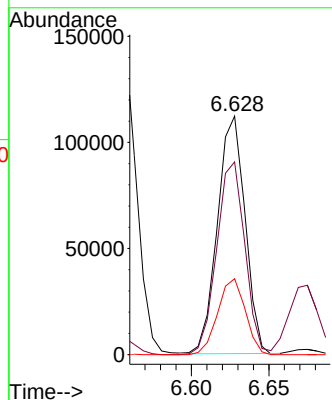
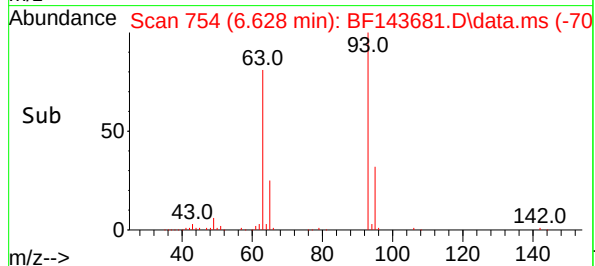
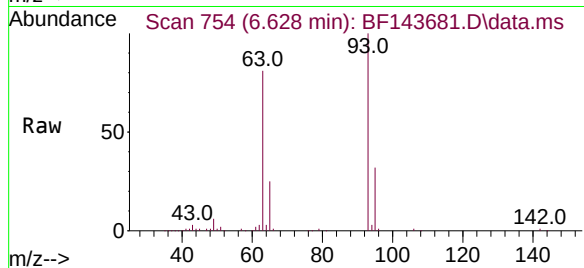
#11
bis(2-Chloroethyl)ether
Concen: 48.278 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 138527
Ion Ratio Lower Upper
93 100
63 80.8 61.8 101.8
95 31.8 12.6 52.6

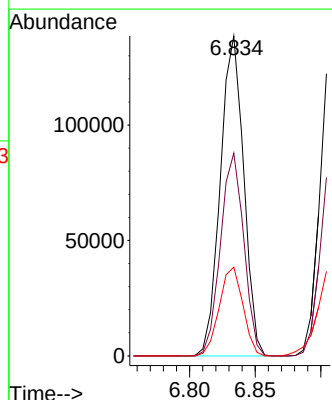
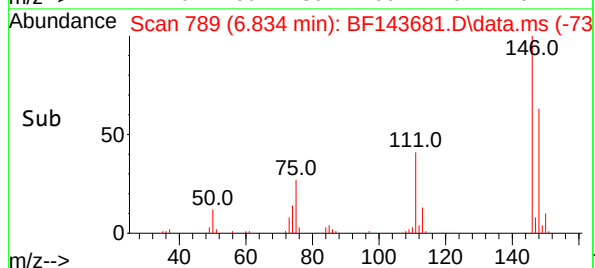
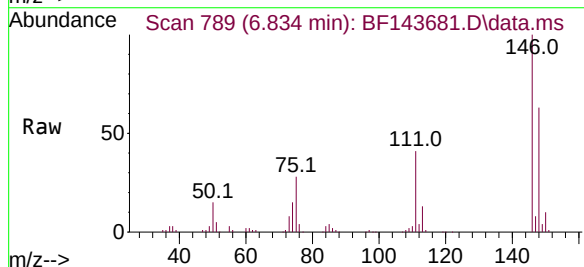
Manual Integrations
APPROVED

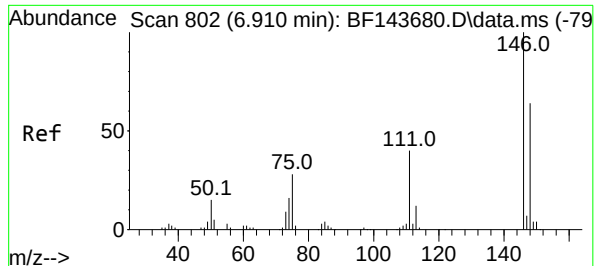
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#12
1,3-Dichlorobenzene
Concen: 48.639 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Tgt Ion:146 Resp: 171492
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 27.7 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 48.857 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 17387

Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

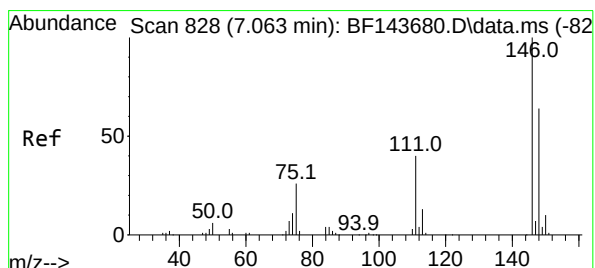
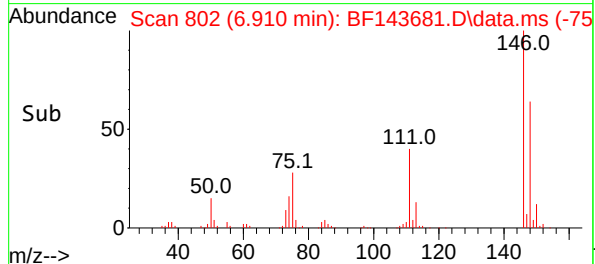
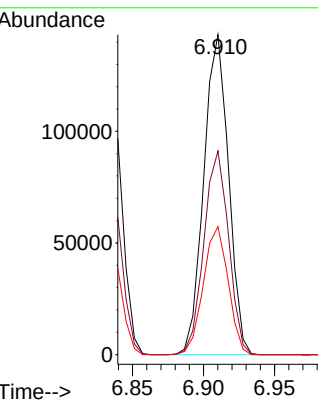
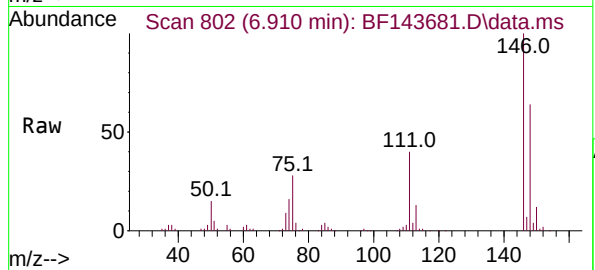
111 40.0 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#14

1,2-Dichlorobenzene

Concen: 48.621 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

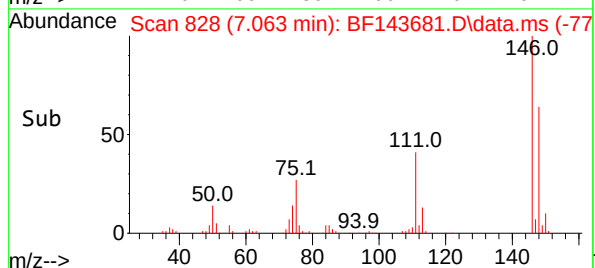
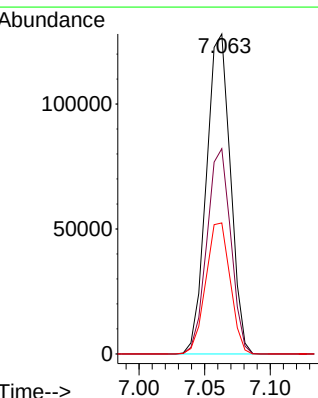
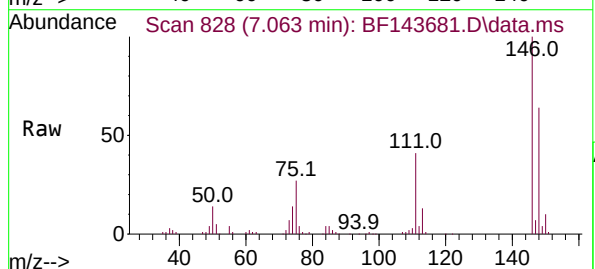
Tgt Ion:146 Resp: 163398

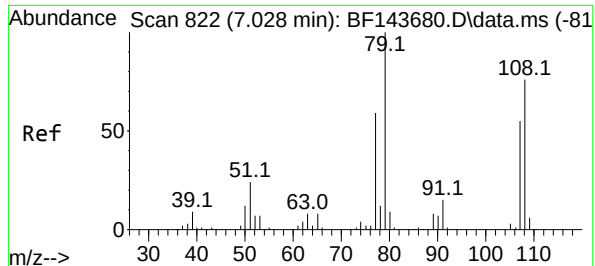
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

111 40.9 32.3 48.5





#15

Benzyl Alcohol

Concen: 48.734 ng

RT: 7.028 min Scan# 822

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 123209

Ion Ratio Lower Upper

79 100

108 78.5 60.9 91.3

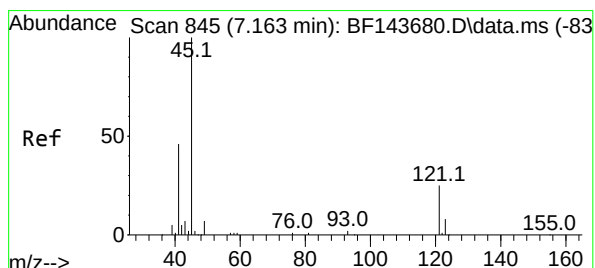
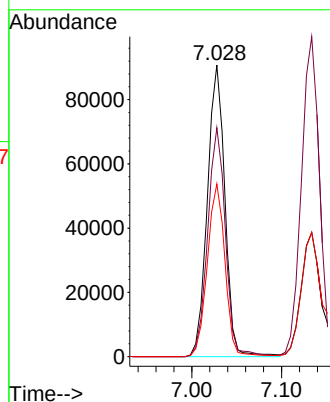
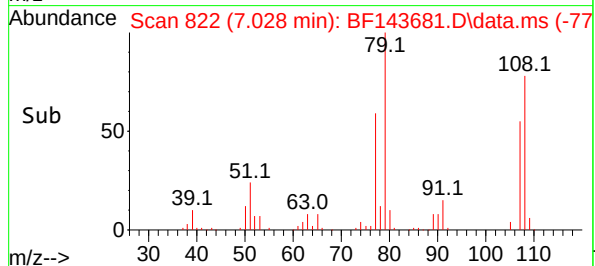
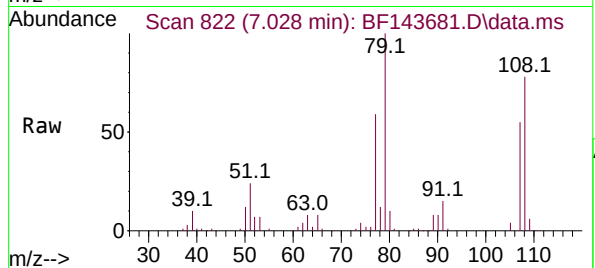
77 59.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.919 ng

RT: 7.163 min Scan# 845

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

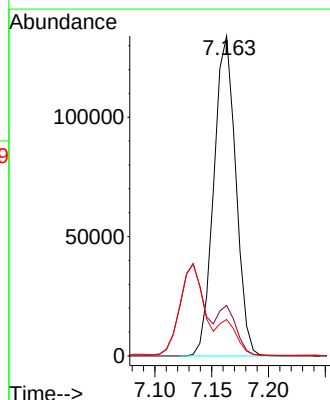
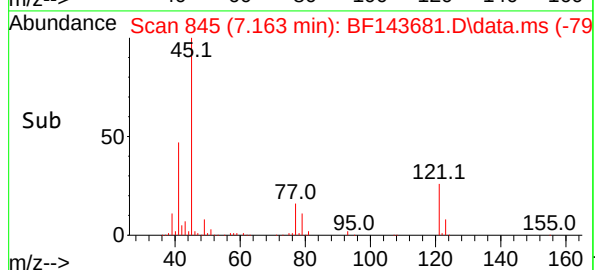
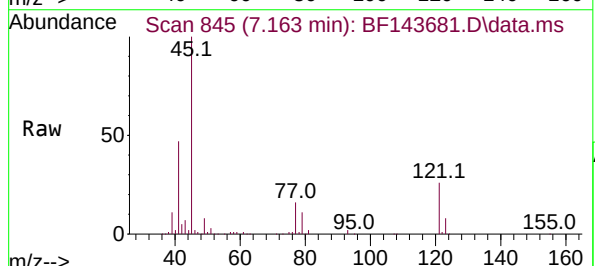
Tgt Ion: 45 Resp: 179887

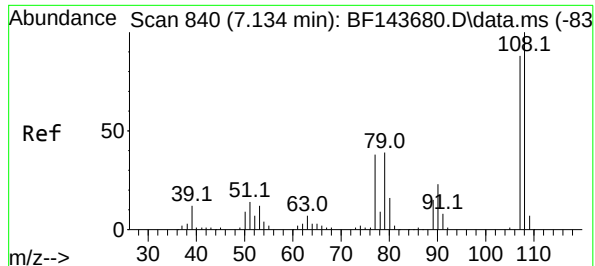
Ion Ratio Lower Upper

45 100

77 15.8 0.0 34.6

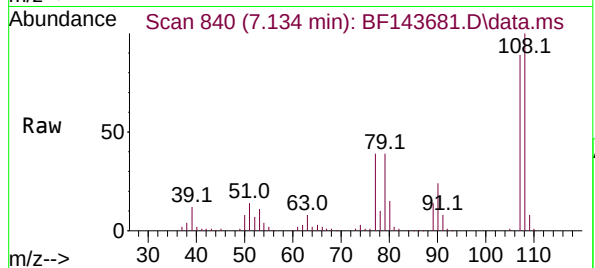
79 11.4 0.0 31.3





#17
2-Methylphenol
Concen: 49.537 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

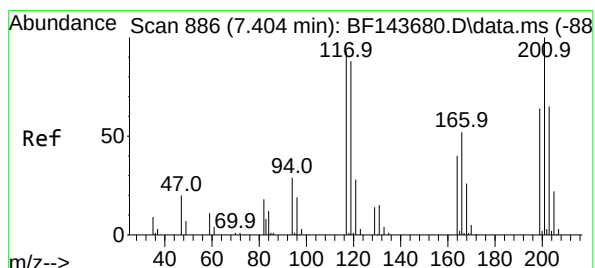
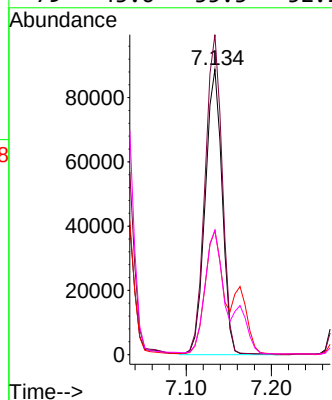
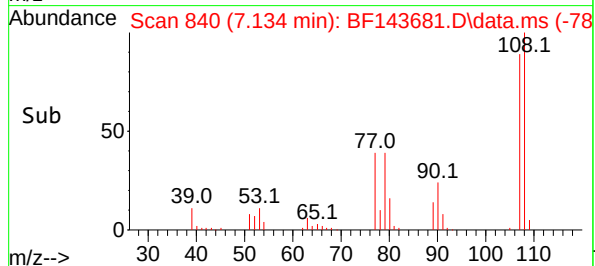
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:107 Resp: 122850
Ion Ratio Lower Upper
107 100
108 112.2 90.9 136.3
77 43.5 34.4 51.6
79 43.6 35.3 52.9

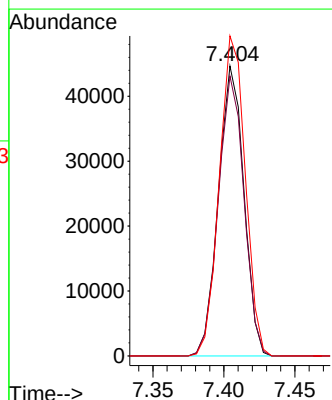
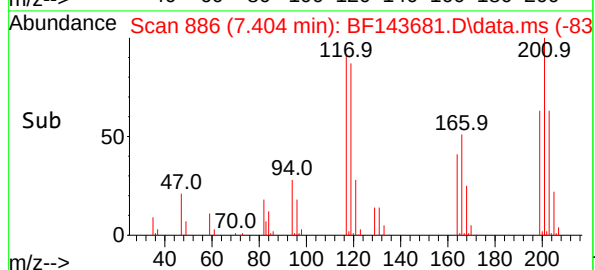
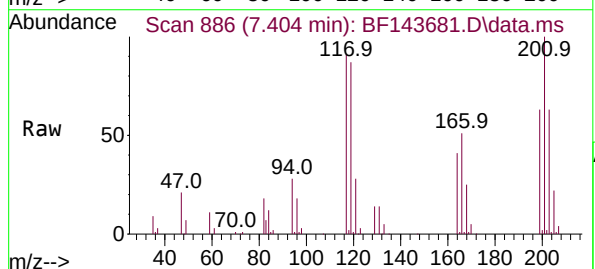
Manual Integrations
APPROVED

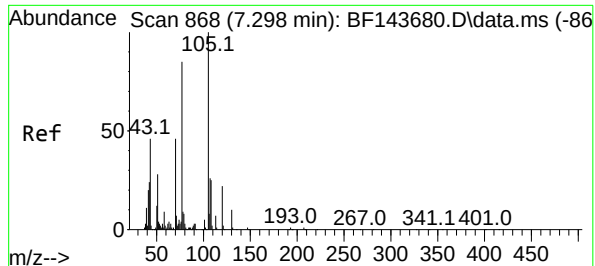
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#18
Hexachloroethane
Concen: 48.478 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Tgt Ion:117 Resp: 55730
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2
201 110.4 86.4 129.6





#19

n-Nitroso-di-n-propylamine

Concen: 48.373 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 10325

Ion Ratio Lower Upper

70 100

42 51.4 41.4 62.2

101 10.1 8.1 12.1

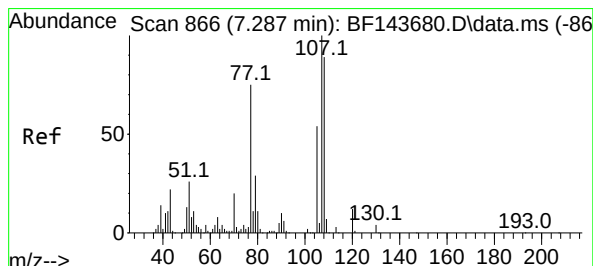
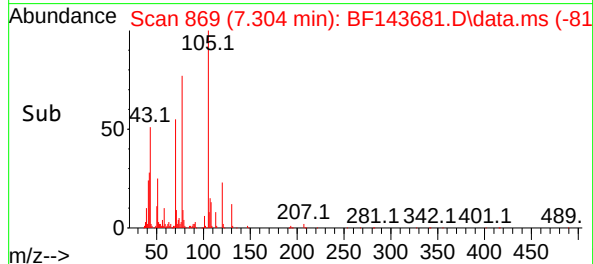
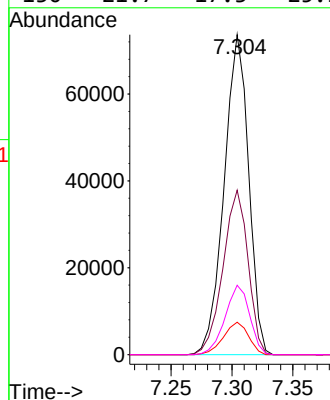
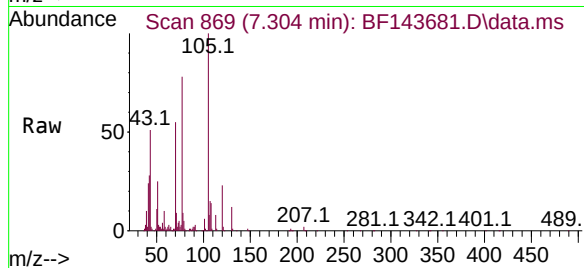
130 21.7 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#20

3+4-Methylphenols

Concen: 48.946 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Tgt Ion:107 Resp: 159846

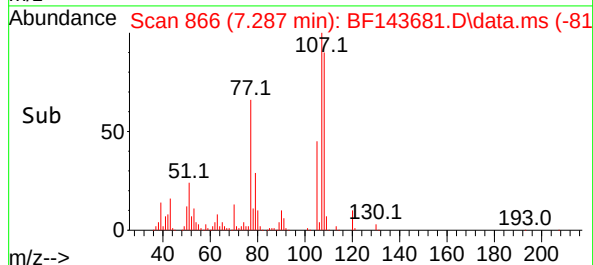
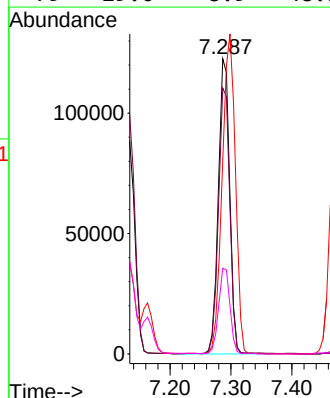
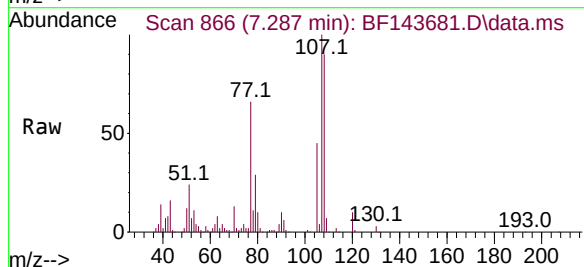
Ion Ratio Lower Upper

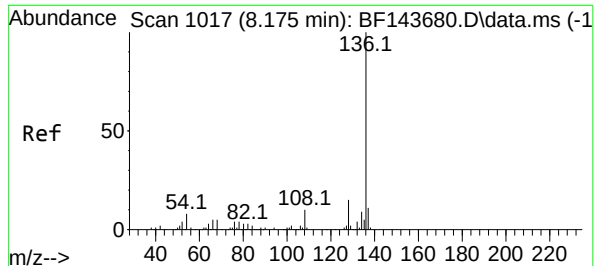
107 100

108 90.1 68.6 108.6

77 65.6 54.6 94.6

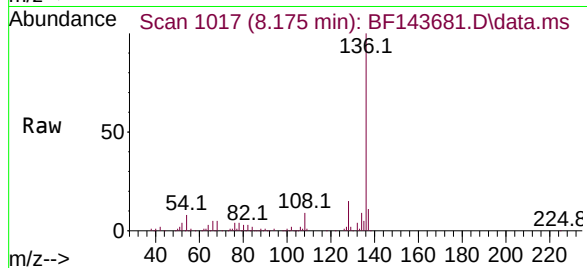
79 29.0 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

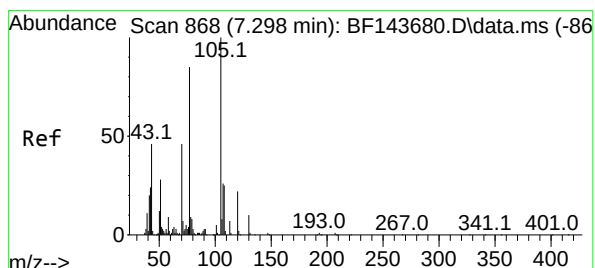
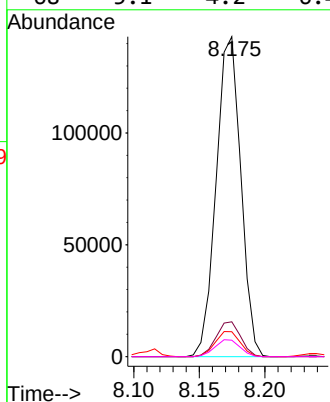
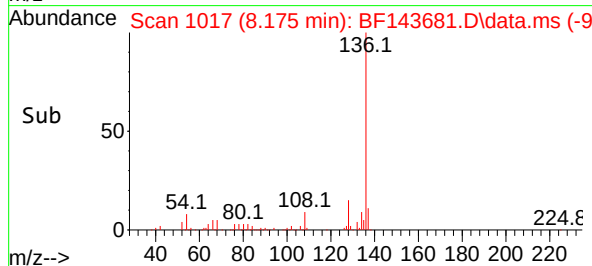
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 187400
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.2 9.2
68 5.1 4.2 6.4

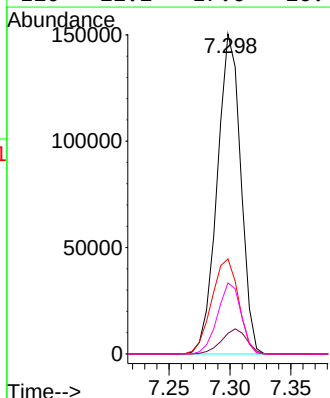
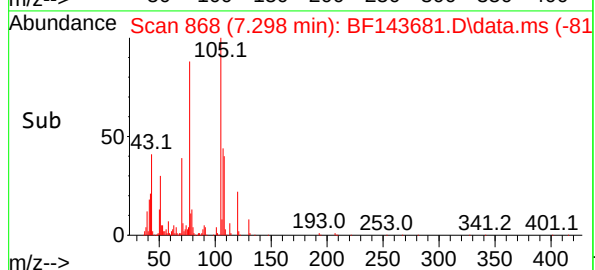
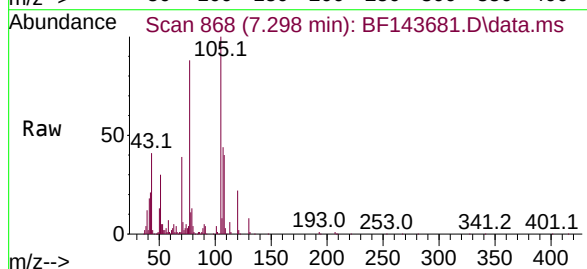
Manual Integrations
APPROVED

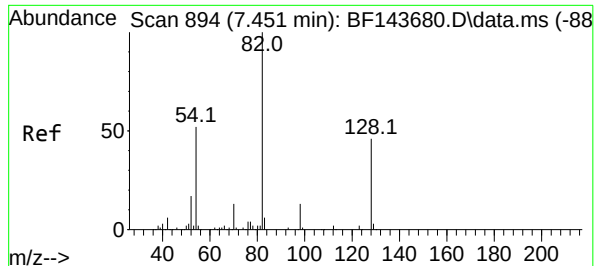
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#22
Acetophenone
Concen: 47.900 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Tgt Ion:105 Resp: 202733
Ion Ratio Lower Upper
105 100
71 6.4 5.9 8.9
51 29.7 22.4 33.6
120 22.2 17.6 26.4





#23

Nitrobenzene-d5

Concen: 99.224 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

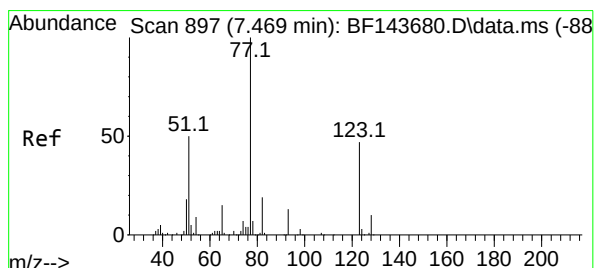
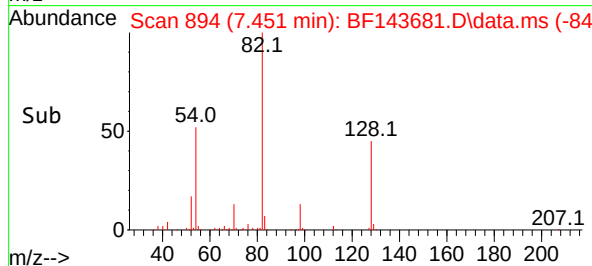
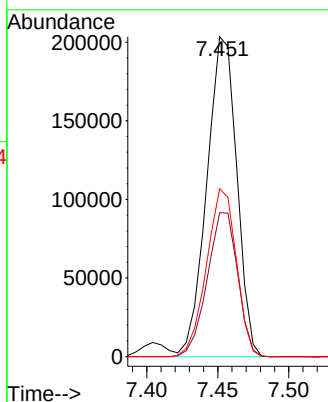
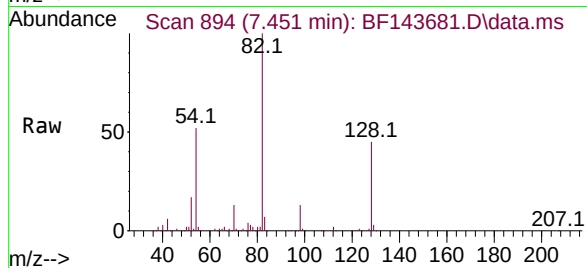
SSTDICC050

Tgt Ion:	82	Resp:	298944
Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.0	55.4
54	52.5	41.8	62.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#24

Nitrobenzene

Concen: 48.677 ng

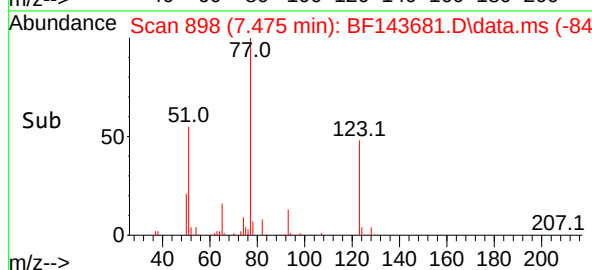
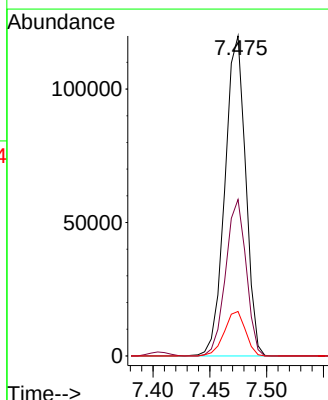
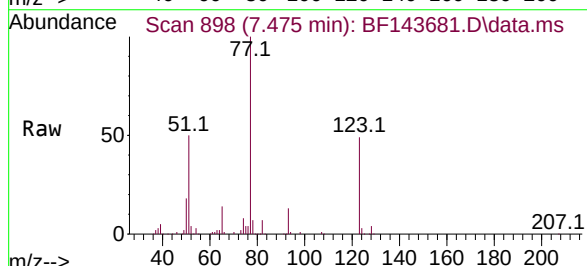
RT: 7.475 min Scan# 898

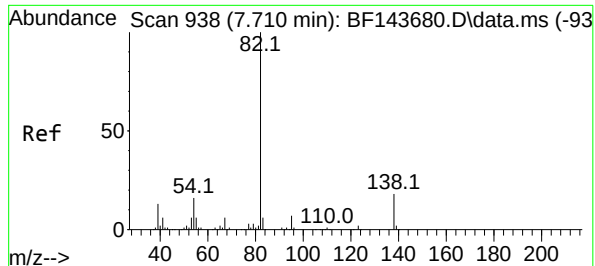
Delta R.T. 0.006 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Tgt Ion:	77	Resp:	152066
Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.4	56.0
65	13.9	11.6	17.4





#25

Isophorone

Concen: 47.736 ng

RT: 7.710 min Scan# 938

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 275784

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

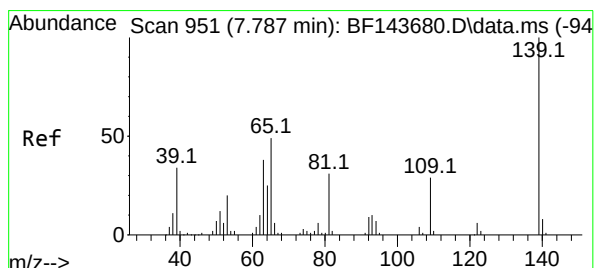
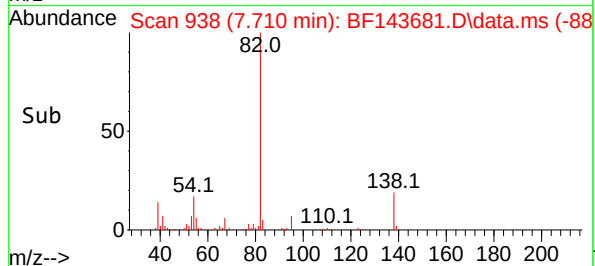
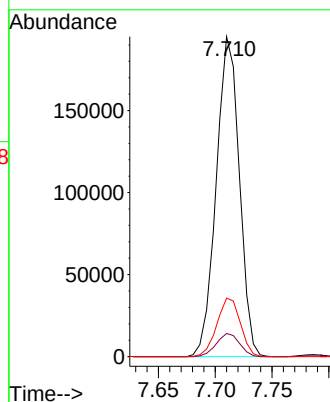
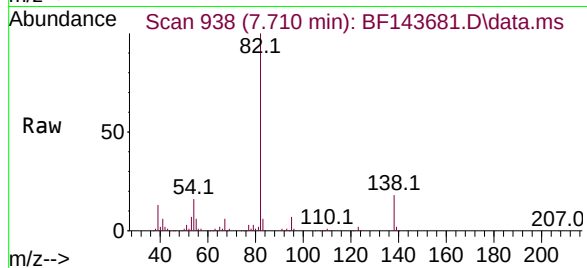
138 18.3 14.8 22.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#26

2-Nitrophenol

Concen: 52.233 ng

RT: 7.787 min Scan# 951

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

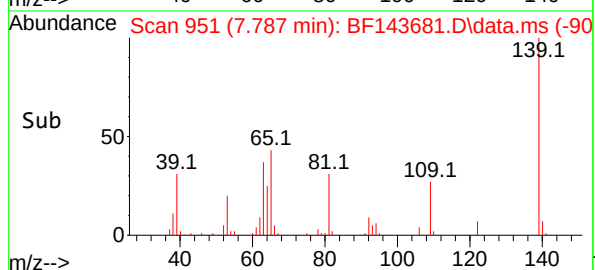
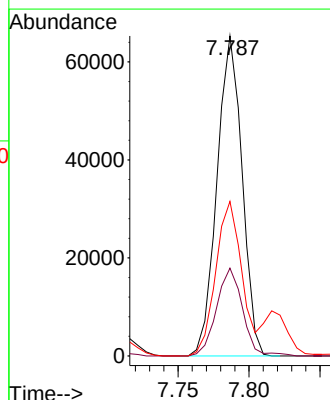
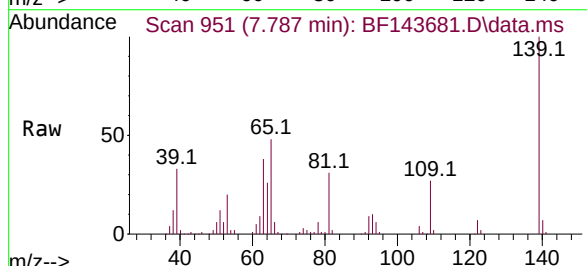
Tgt Ion:139 Resp: 80228

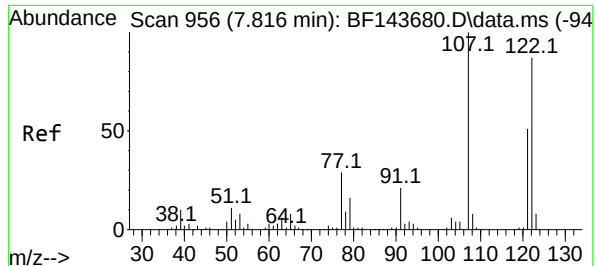
Ion Ratio Lower Upper

139 100

109 27.4 22.8 34.2

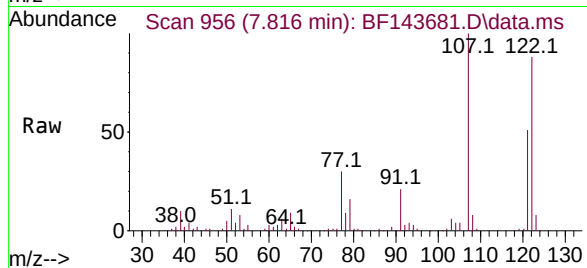
65 48.3 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 48.598 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

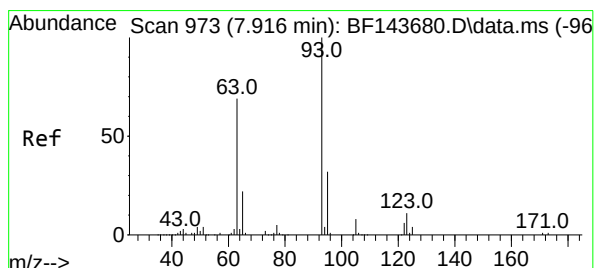
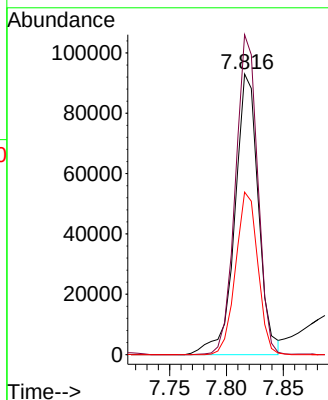
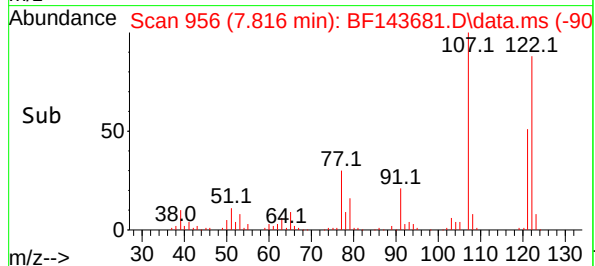
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 134004
Ion Ratio Lower Upper
122 100
107 114.0 92.1 138.1
121 57.9 46.9 70.3

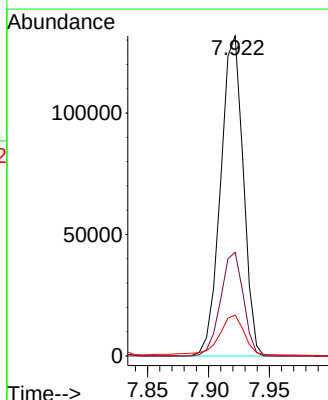
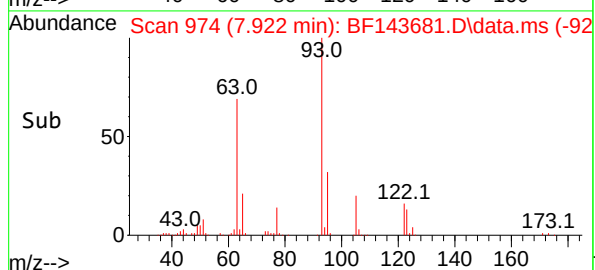
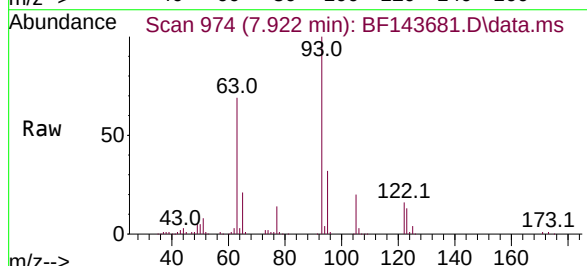
Manual Integrations
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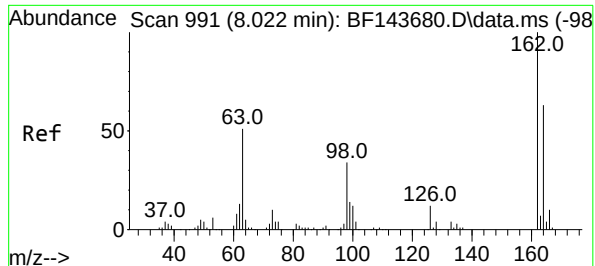
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 47.841 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Tgt Ion: 93 Resp: 169853
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 12.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.600 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 134803

Ion Ratio Lower Upper

162 100

164 63.7 43.0 83.0

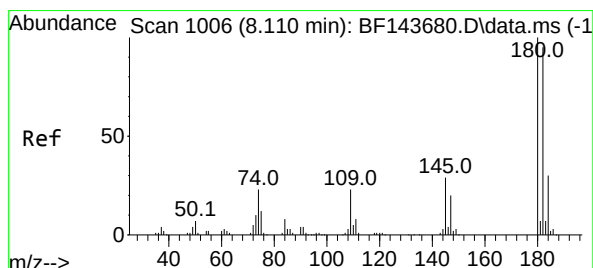
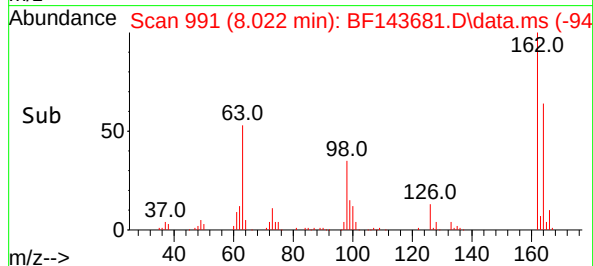
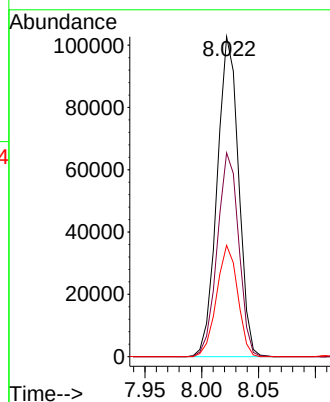
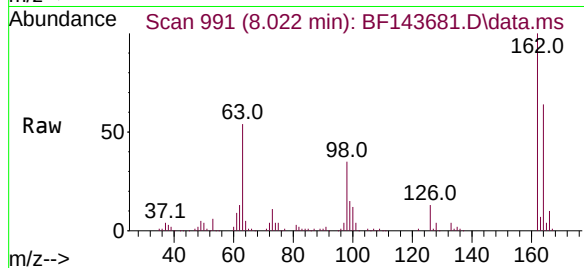
98 34.8 13.8 53.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.947 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

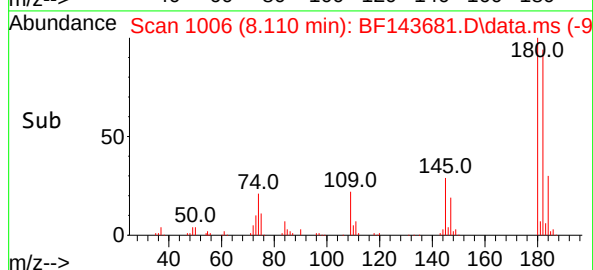
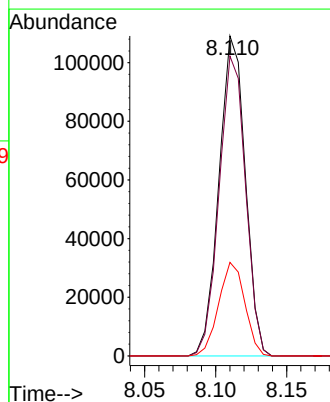
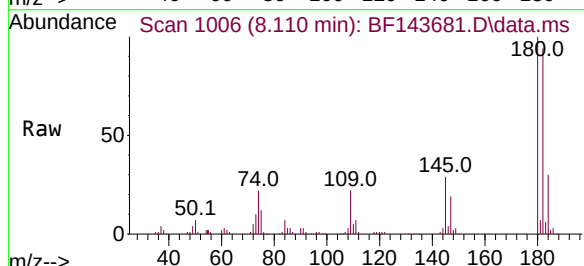
Tgt Ion:180 Resp: 140654

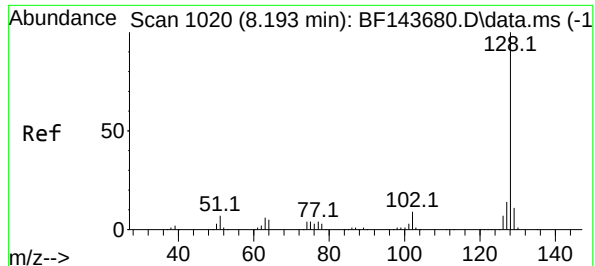
Ion Ratio Lower Upper

180 100

182 93.7 76.2 114.4

145 29.2 23.2 34.8





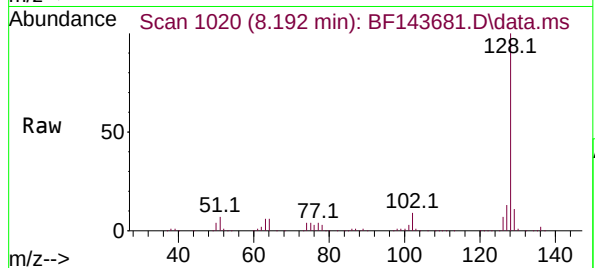
#31
Naphthalene
Concen: 48.024 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

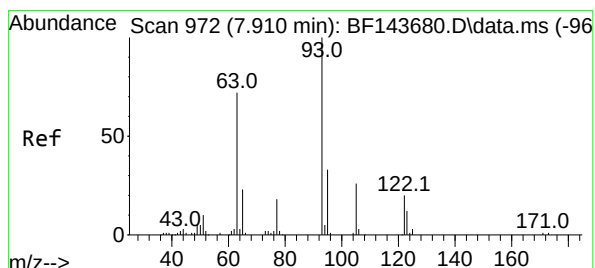
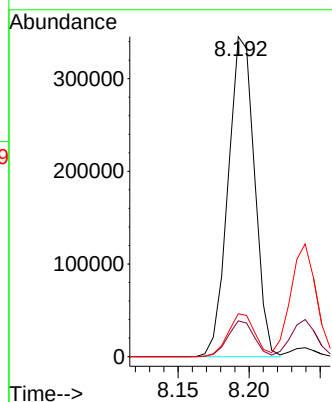
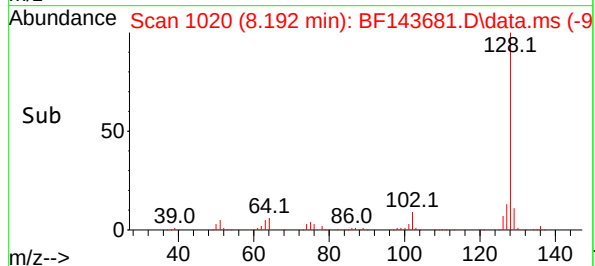


Tgt Ion:128 Resp: 445518
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.9 16.3

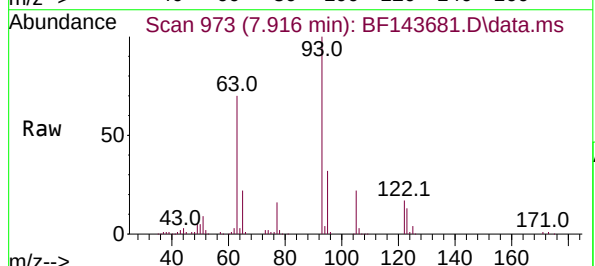
Manual Integrations

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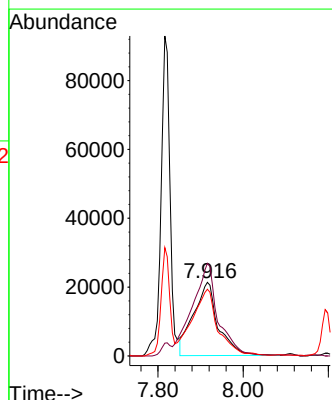
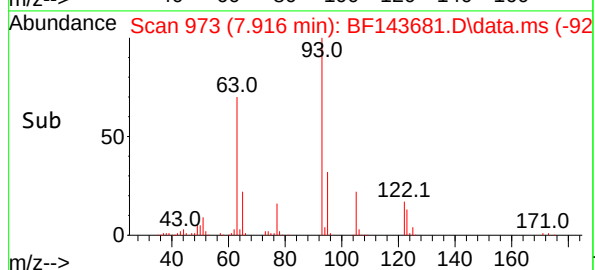
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

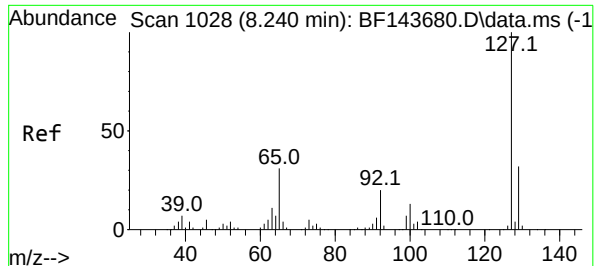


#32
Benzoic acid
Concen: 51.216 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



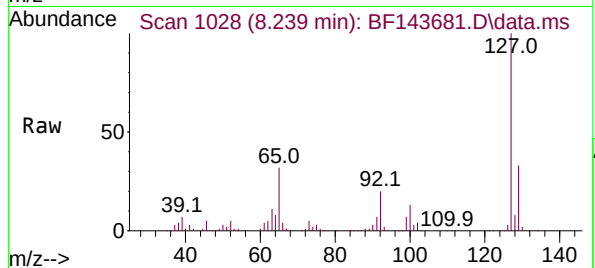
Tgt Ion:122 Resp: 86159
Ion Ratio Lower Upper
122 100
105 125.9 105.2 145.2
77 90.7 72.0 112.0





#33
4-Chloroaniline
Concen: 47.942 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

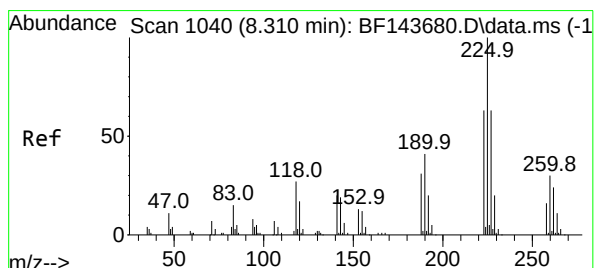
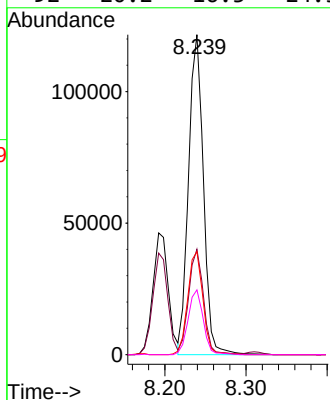
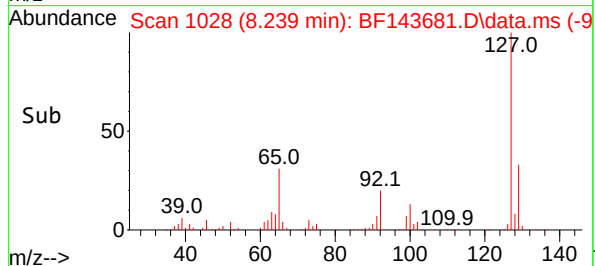
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 154832
Ion Ratio Lower Upper
127 100
129 32.9 26.0 39.0
65 32.2 24.6 36.8
92 20.2 16.3 24.5

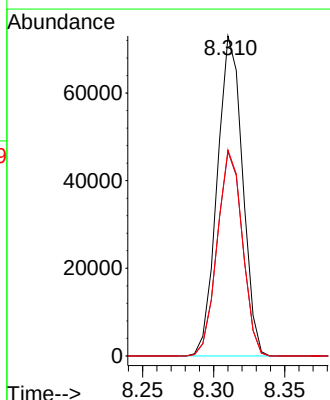
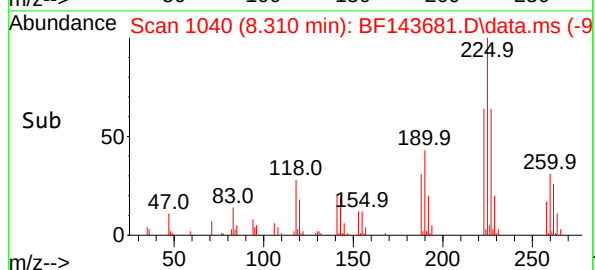
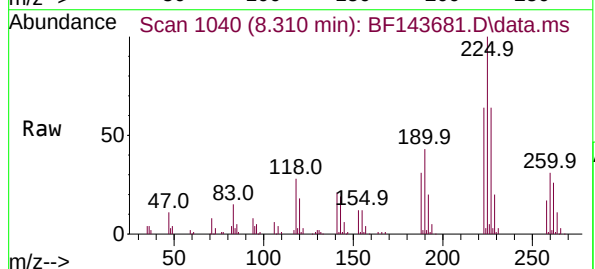
Manual Integrations
APPROVED

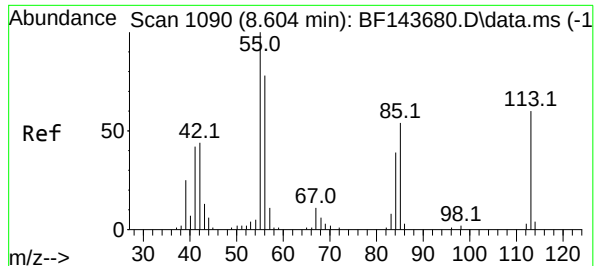
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#34
Hexachlorobutadiene
Concen: 48.364 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

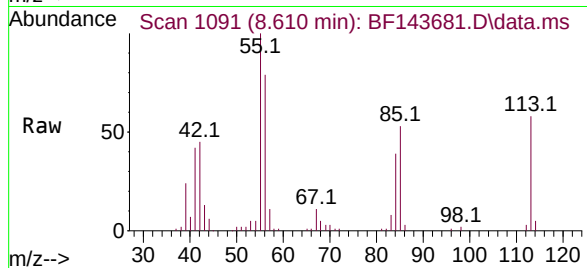
Tgt Ion:225 Resp: 90648
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 64.4 50.8 76.2





#35
 Caprolactam
 Concen: 47.468 ng
 RT: 8.610 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: BF143681.D
 Acq: 09 Sep 2025 11:37

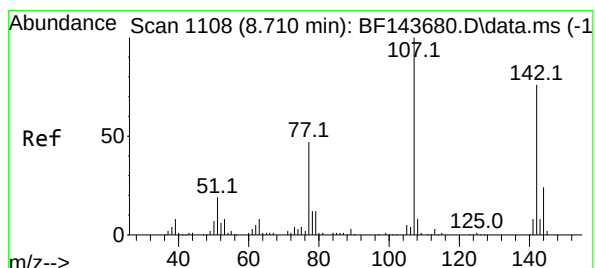
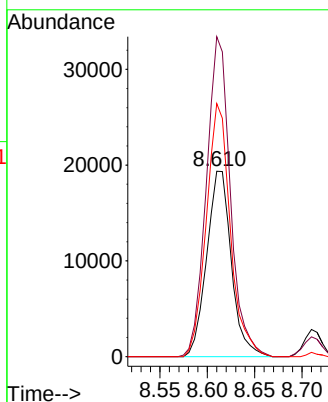
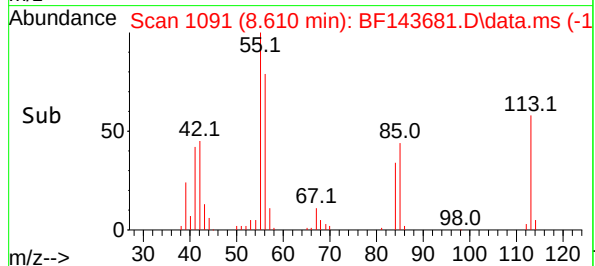
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



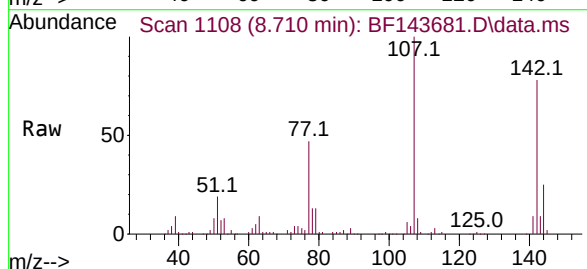
Tgt Ion:113 Resp: 35043
 Ion Ratio Lower Upper
 113 100
 55 172.6 148.9 188.9
 56 136.5 112.8 152.8

Manual Integrations
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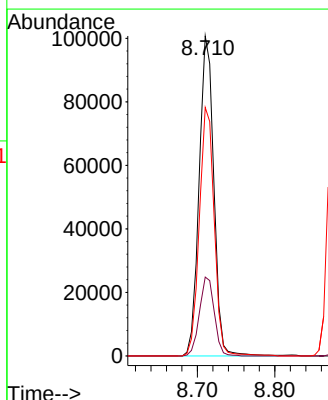
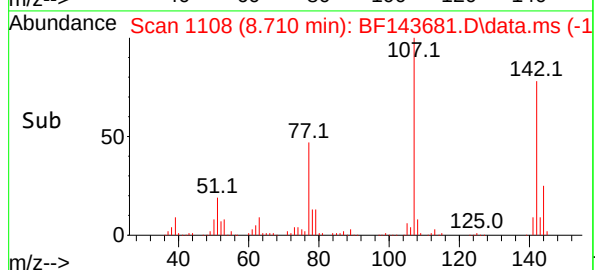
Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

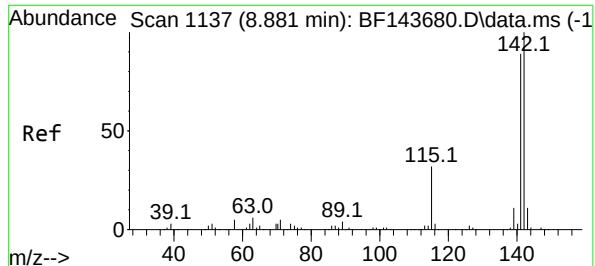


#36
 4-Chloro-3-methylphenol
 Concen: 48.427 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.000 min
 Lab File: BF143681.D
 Acq: 09 Sep 2025 11:37



Tgt Ion:107 Resp: 132445
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.4 29.2
 142 77.6 60.6 91.0





#37

2-Methylnaphthalene

Concen: 47.734 ng

RT: 8.886 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 303130

Ion Ratio Lower Upper

142 100

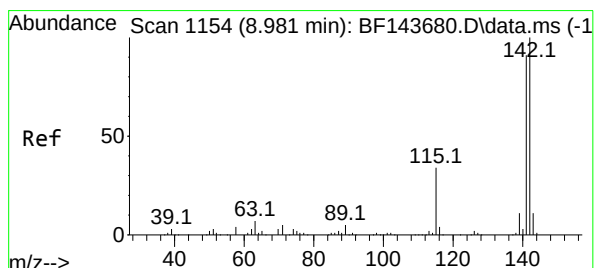
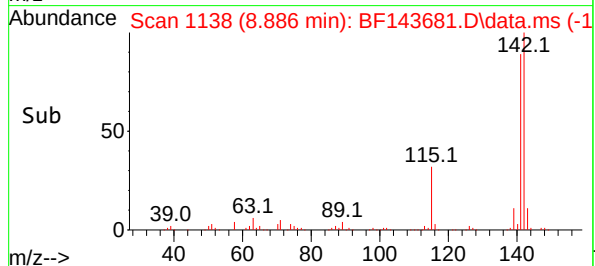
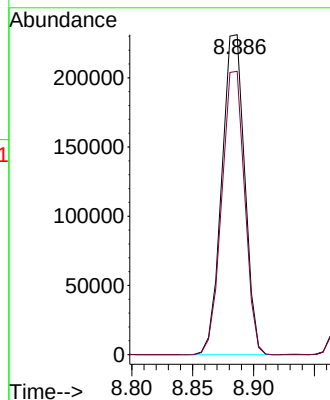
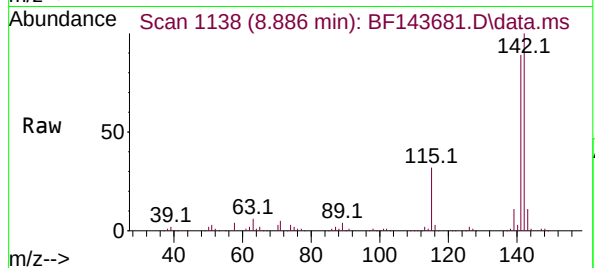
141 88.5 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#38

1-Methylnaphthalene

Concen: 47.783 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143681.D

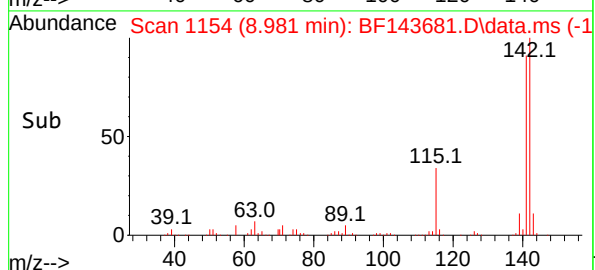
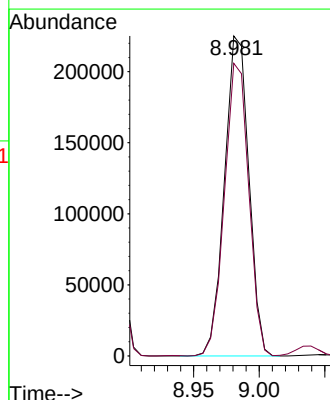
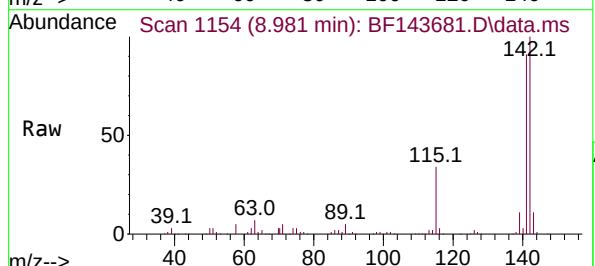
Acq: 09 Sep 2025 11:37

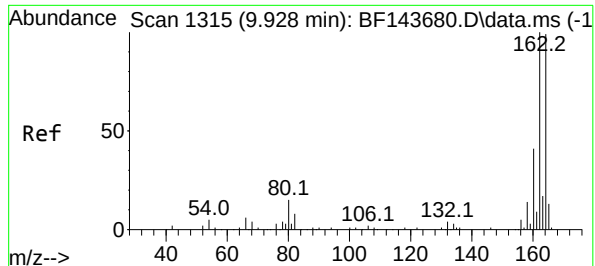
Tgt Ion:142 Resp: 291205

Ion Ratio Lower Upper

142 100

141 91.4 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF143681.D

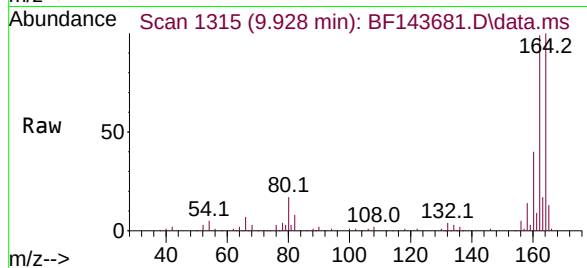
Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 106239

Ion Ratio Lower Upper

164 100

162 98.7 80.6 121.0

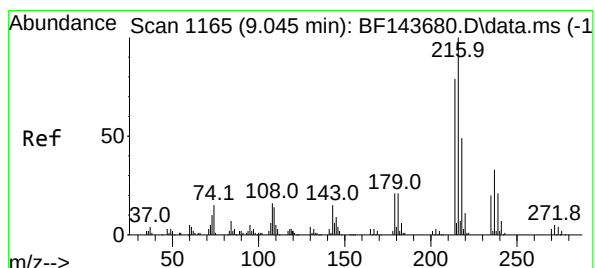
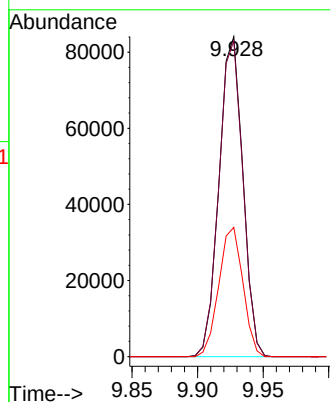
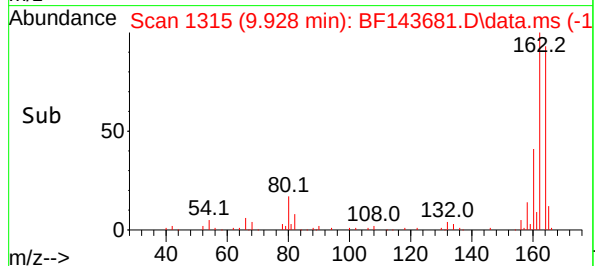
160 40.4 33.0 49.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.228 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Tgt Ion:216 Resp: 146682

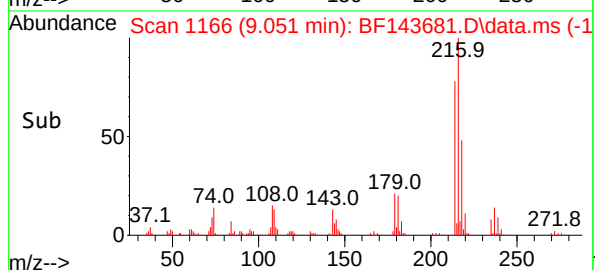
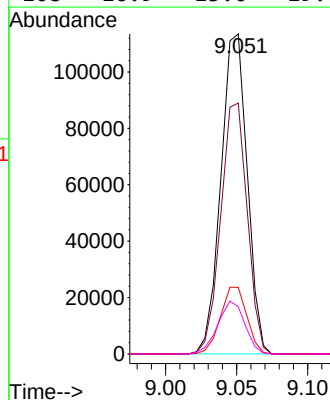
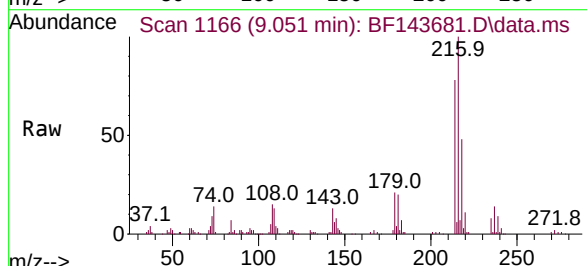
Ion Ratio Lower Upper

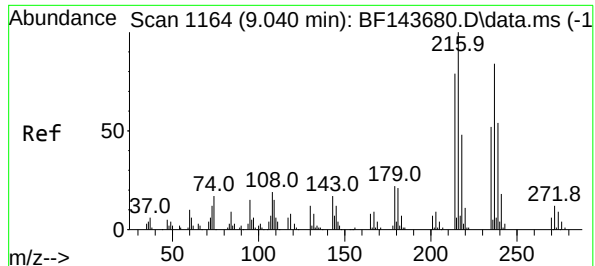
216 100

214 78.7 63.2 94.8

179 21.0 16.8 25.2

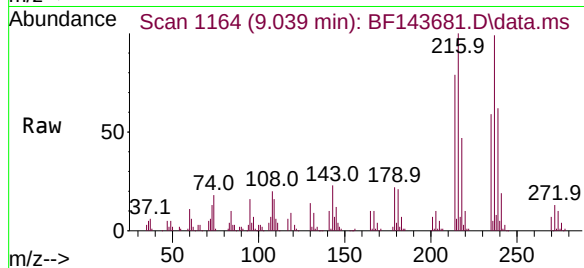
108 16.9 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 52.522 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

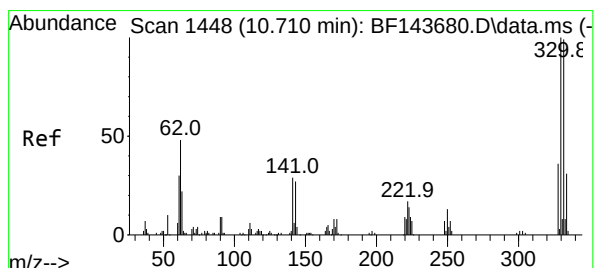
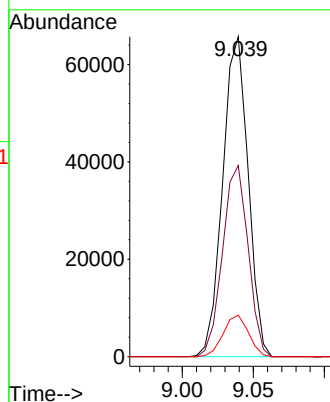
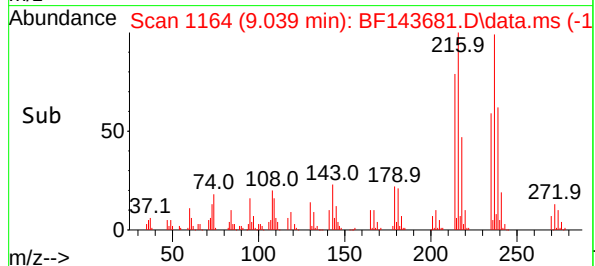
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



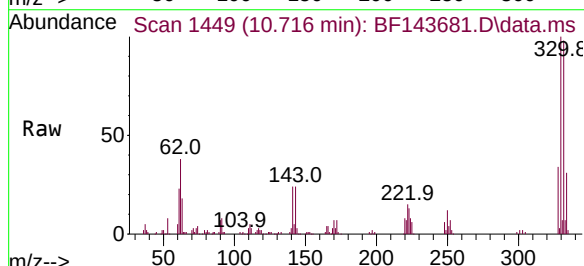
Tgt Ion: 237 Resp: 8201
Ion Ratio Lower Upper
237 100
235 59.7 41.6 81.6
272 13.0 0.0 33.9

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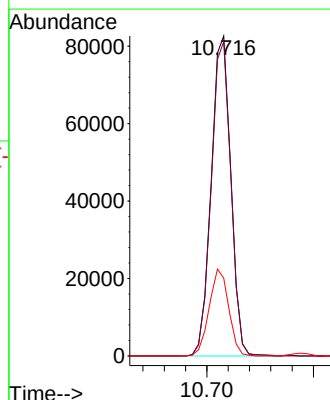
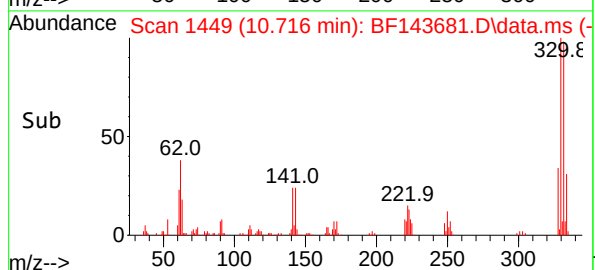
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

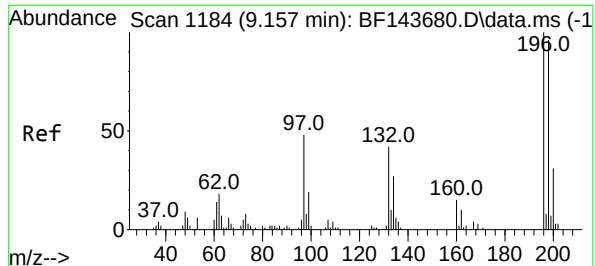


#42
2,4,6-Tribromophenol
Concen: 98.701 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



Tgt Ion: 330 Resp: 105674
Ion Ratio Lower Upper
330 100
332 97.9 79.2 118.8
141 26.9 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 48.683 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF143681.D

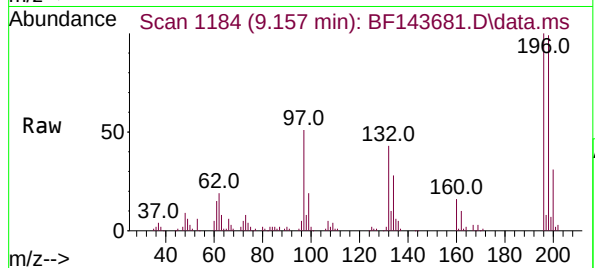
Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 98872

Ion Ratio Lower Upper

196 100

198 98.5 76.5 114.7

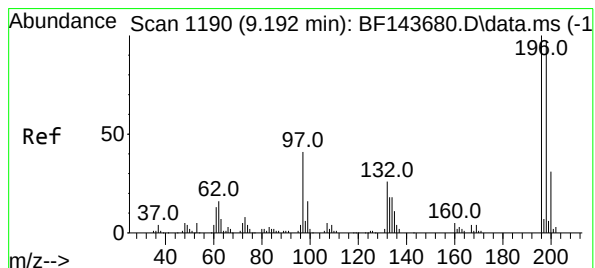
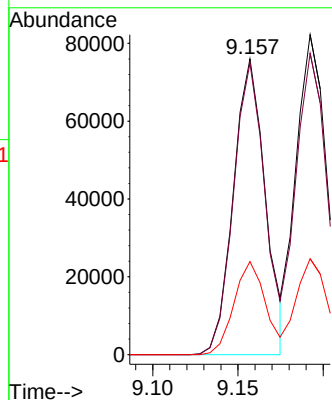
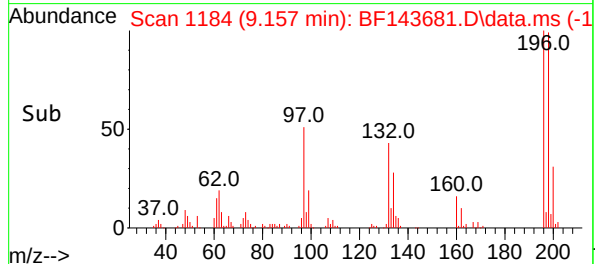
200 31.5 24.5 36.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#44

2,4,5-Trichlorophenol

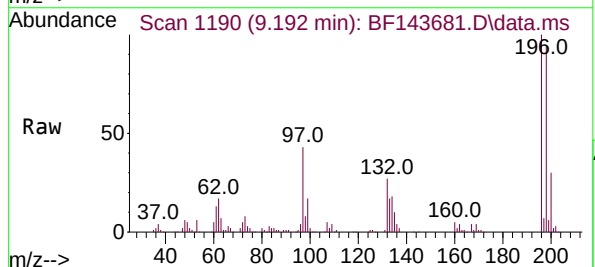
Concen: 49.805 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37



Tgt Ion:196 Resp: 102829

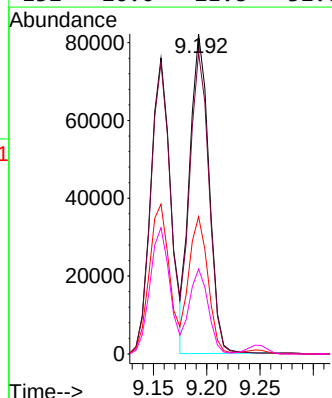
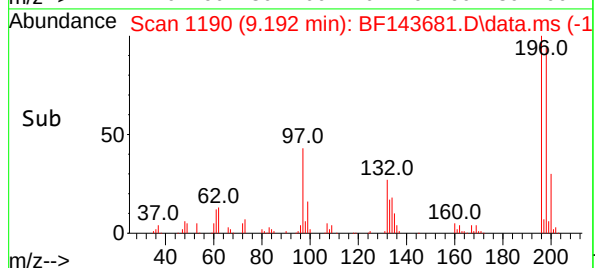
Ion Ratio Lower Upper

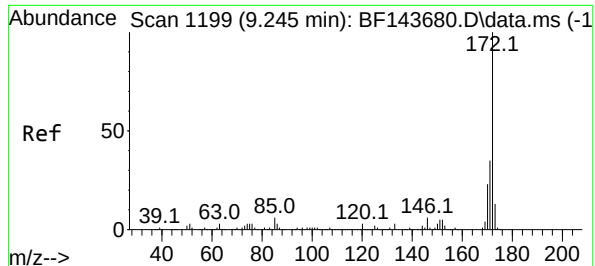
196 100

198 94.2 77.0 115.6

97 42.9 34.2 51.4

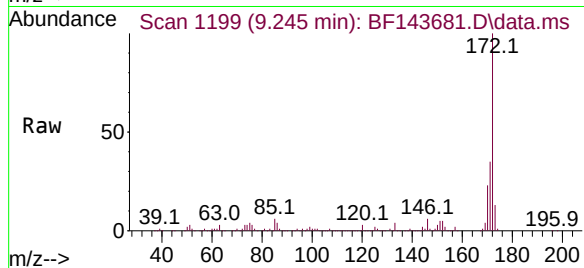
132 26.6 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 95.264 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

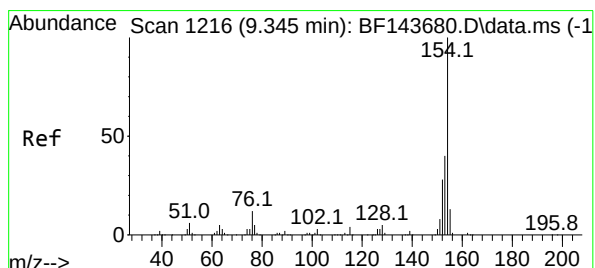
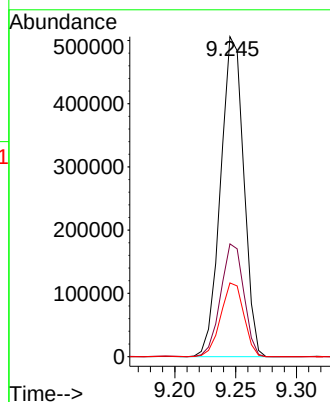
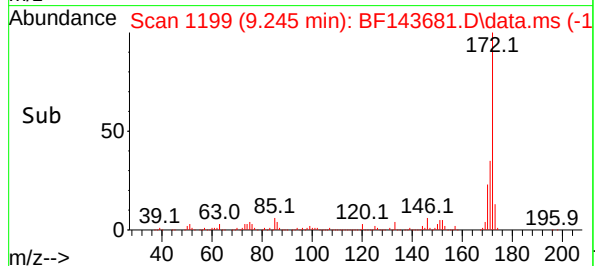
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



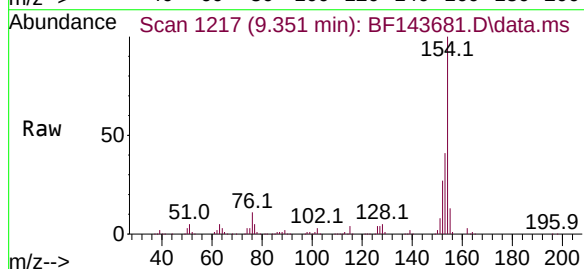
Tgt Ion:172 Resp: 669974
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.0 18.6 27.8

Manual Integrations
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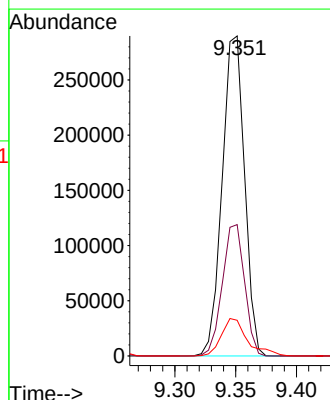
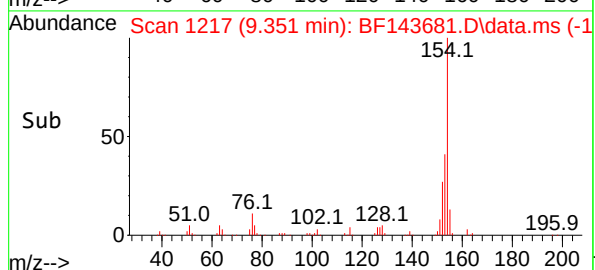
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

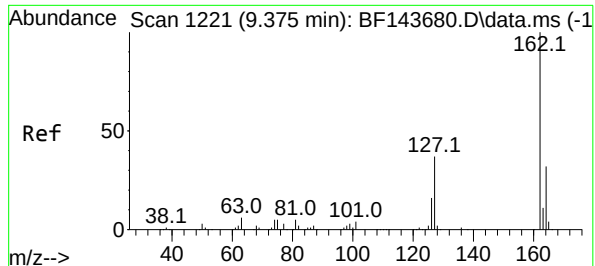


#46
1,1'-Biphenyl
Concen: 48.416 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



Tgt Ion:154 Resp: 370301
Ion Ratio Lower Upper
154 100
153 41.0 20.2 60.2
76 11.1 0.0 31.6





#47

2-Chloronaphthalene

Concen: 47.625 ng

RT: 9.375 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF143681.D

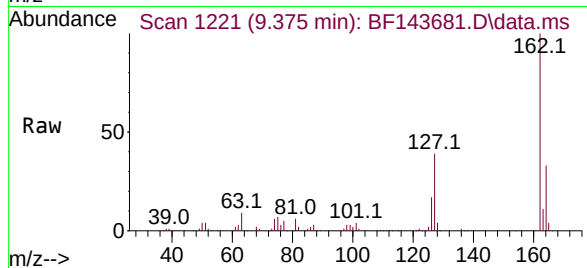
Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 285560

Ion Ratio Lower Upper

162 100

127 38.9 30.6 45.8

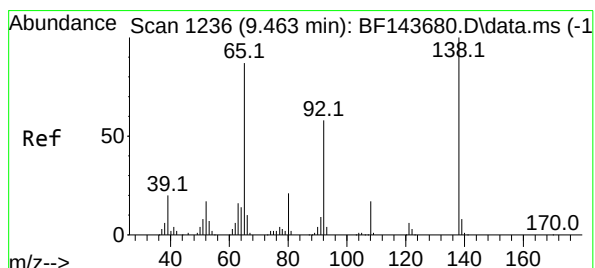
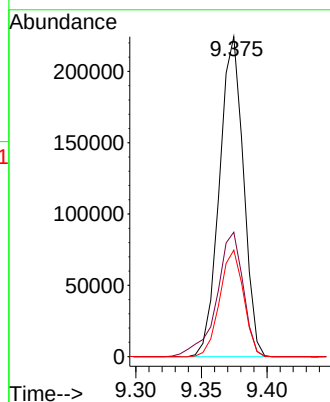
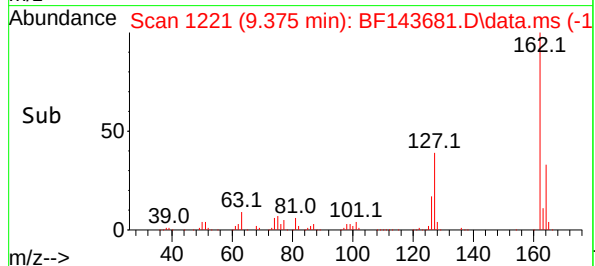
164 33.3 25.8 38.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#48

2-Nitroaniline

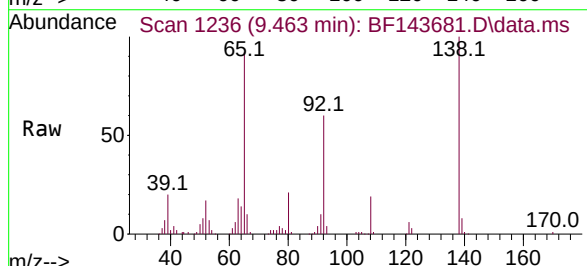
Concen: 51.109 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37



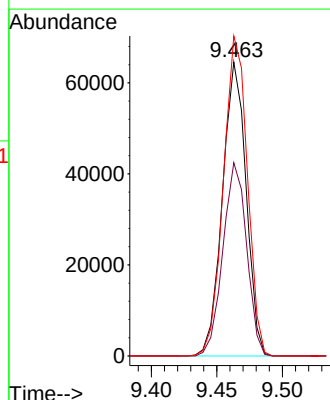
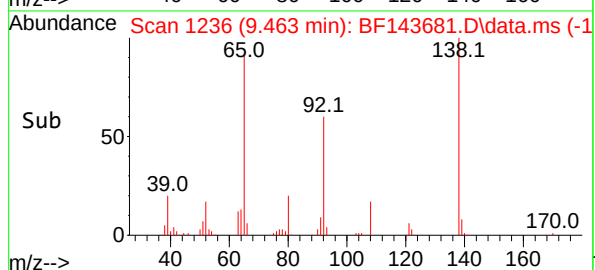
Tgt Ion: 65 Resp: 81098

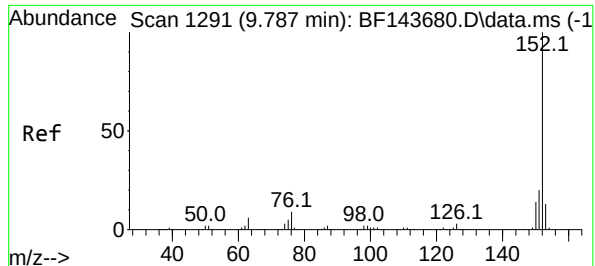
Ion Ratio Lower Upper

65 100

92 65.8 53.3 79.9

138 108.9 92.1 138.1





#49

Acenaphthylene

Concen: 48.437 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143681.D

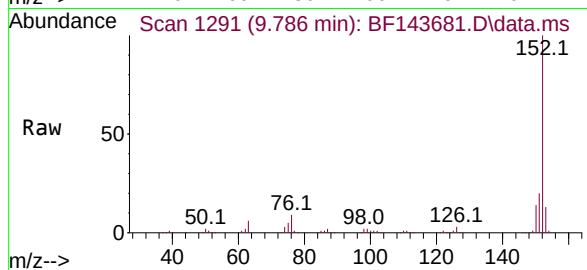
Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:152 Resp: 416024

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

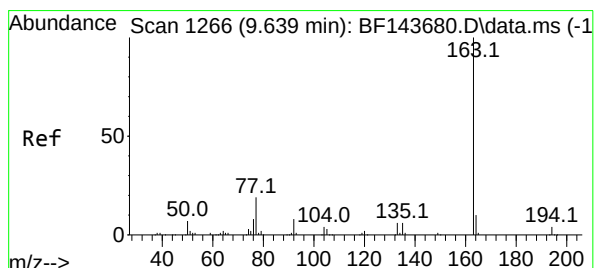
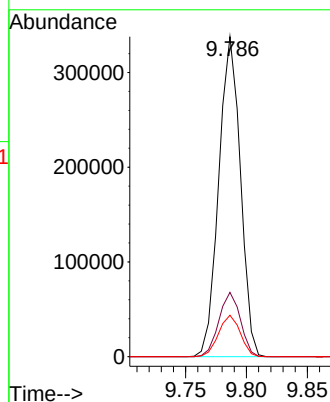
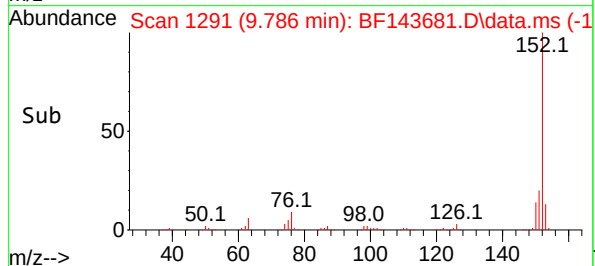
153 12.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#50

Dimethylphthalate

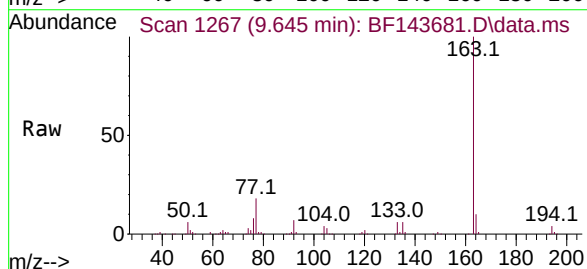
Concen: 47.644 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37



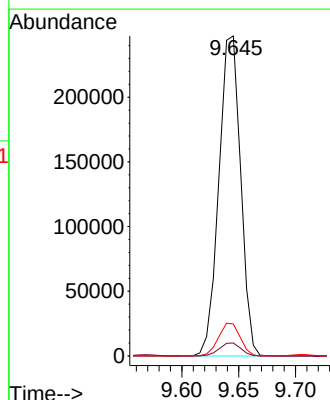
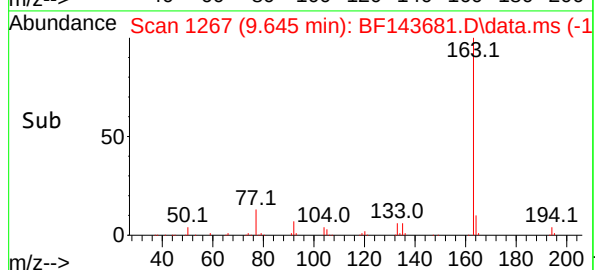
Tgt Ion:163 Resp: 329330

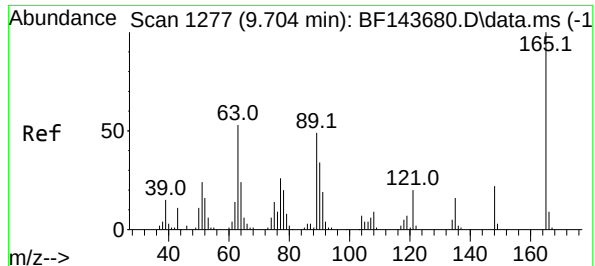
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

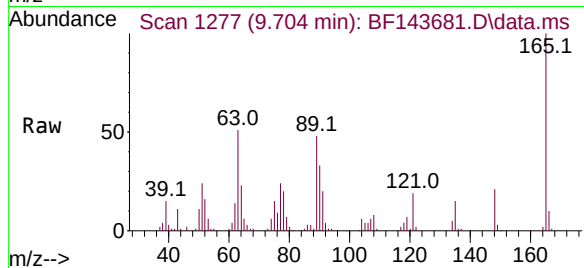
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 52.075 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

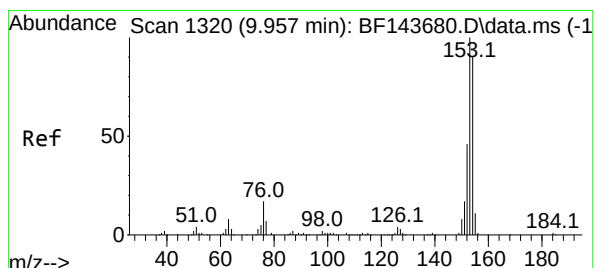
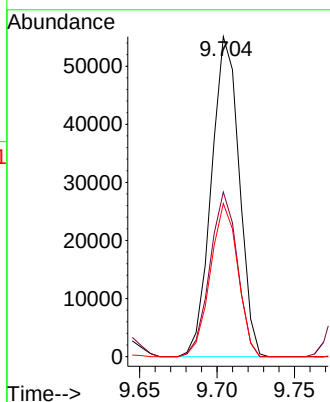
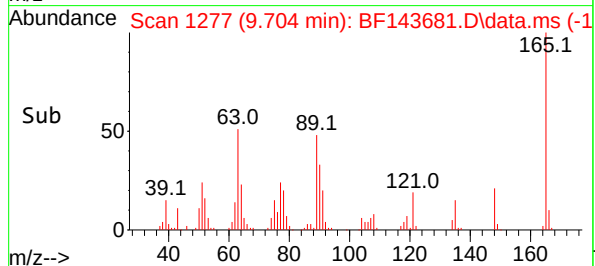
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



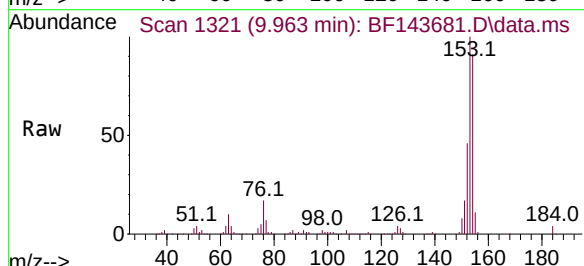
Tgt Ion:165 Resp: 68823
Ion Ratio Lower Upper
165 100
63 51.4 42.2 63.4
89 47.8 39.3 58.9

Manual Integrations
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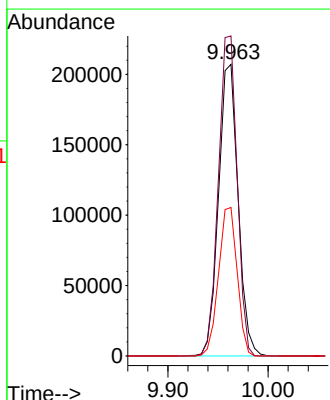
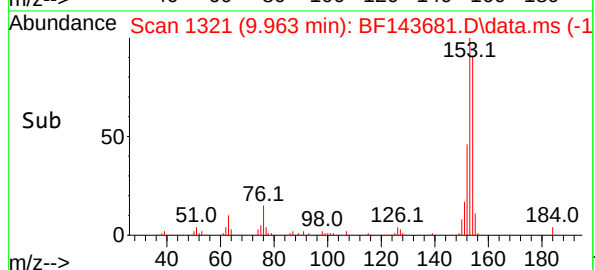
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

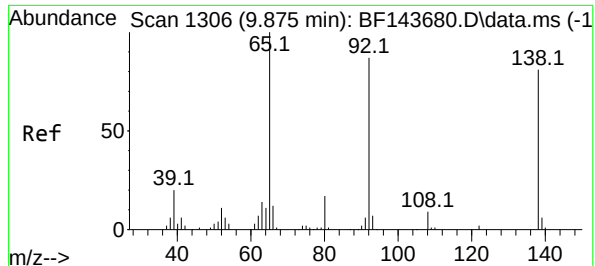


#52
Acenaphthene
Concen: 47.568 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



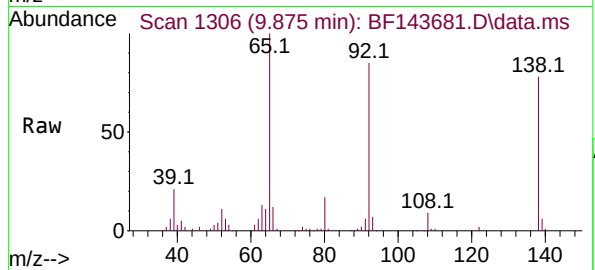
Tgt Ion:154 Resp: 281534
Ion Ratio Lower Upper
154 100
153 109.8 89.4 134.0
152 50.9 41.2 61.8





#53
3-Nitroaniline
Concen: 48.282 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

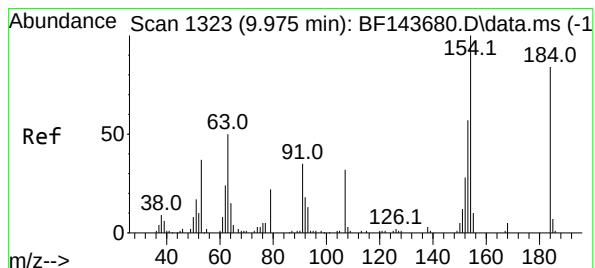
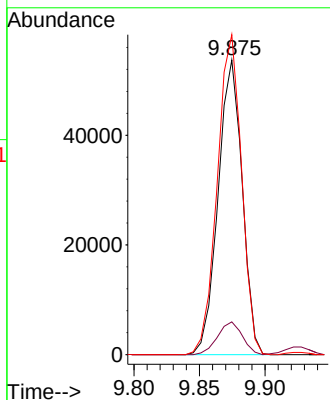
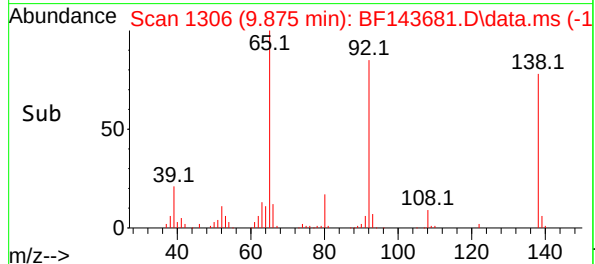
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 68669
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 108.6 85.5 128.3

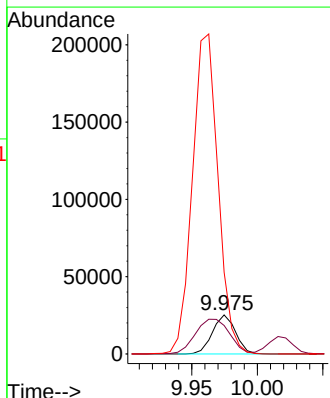
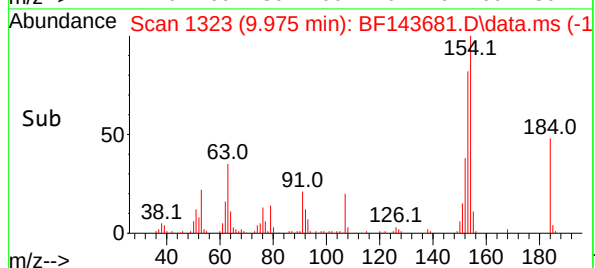
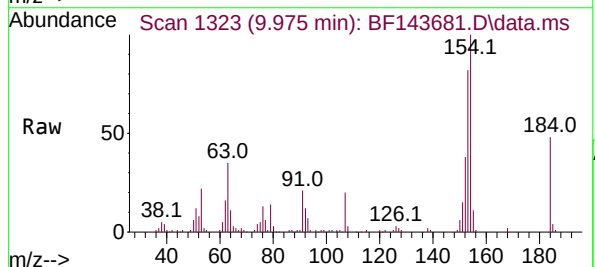
Manual Integrations
APPROVED

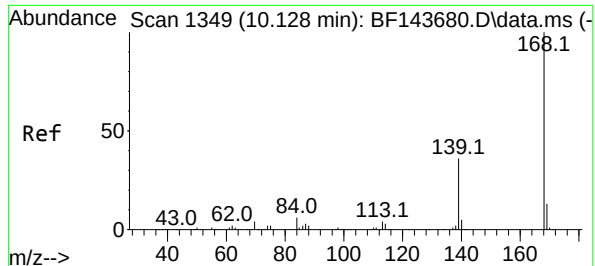
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#54
2,4-Dinitrophenol
Concen: 45.821 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Tgt Ion:184 Resp: 30751
Ion Ratio Lower Upper
184 100
63 72.9 52.7 79.1
154 209.5 136.6 204.8#





#55

Dibenzofuran

Concen: 48.023 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 408703

Ion Ratio Lower Upper

168 100

139 35.2 29.0 43.4

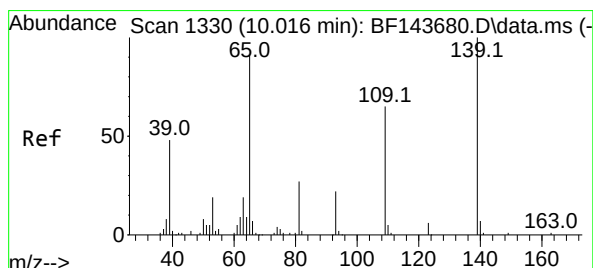
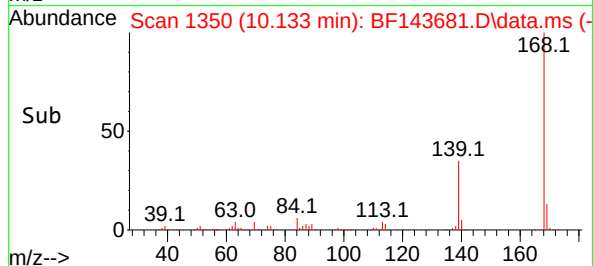
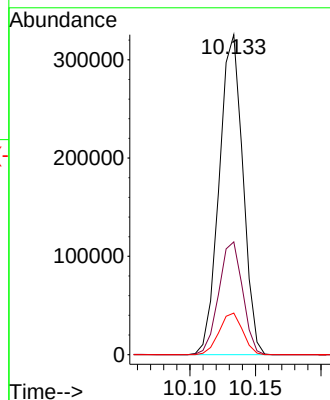
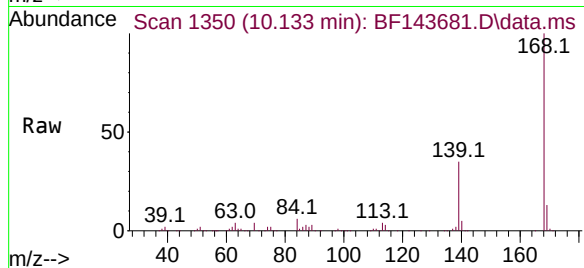
169 13.0 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#56

4-Nitrophenol

Concen: 47.282 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

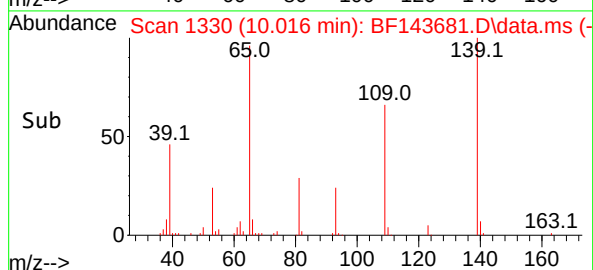
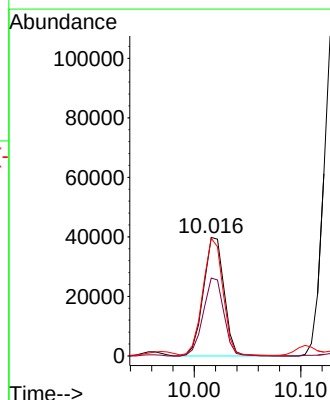
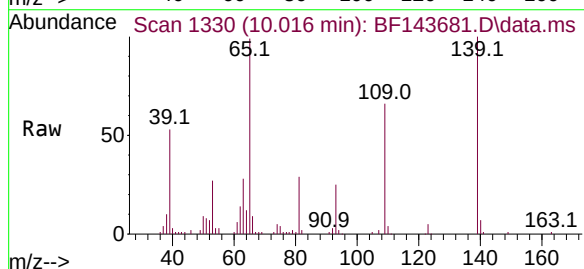
Tgt Ion:139 Resp: 53500

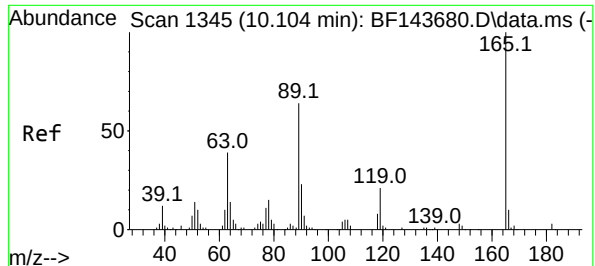
Ion Ratio Lower Upper

139 100

109 65.7 45.2 85.2

65 99.3 72.1 112.1





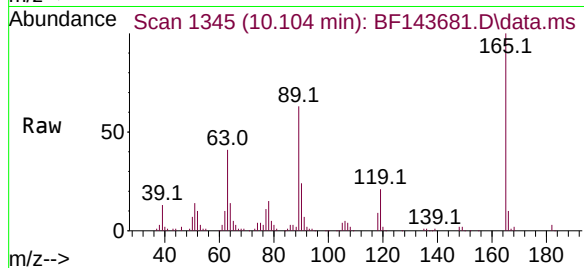
#57
2,4-Dinitrotoluene
Concen: 49.779 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

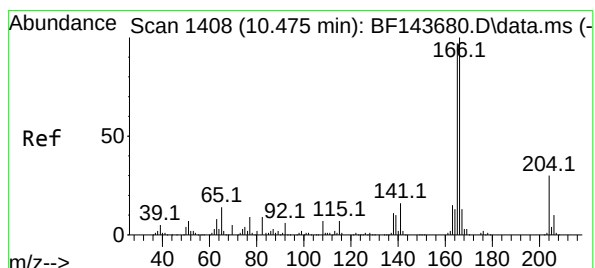
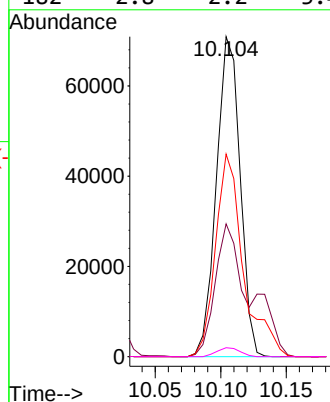
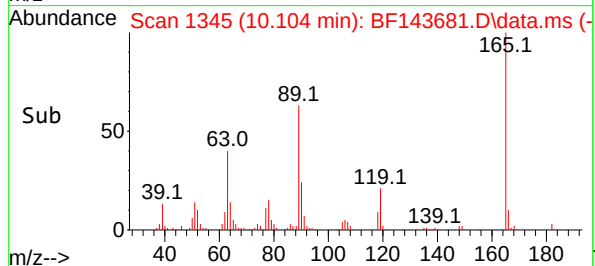


Tgt Ion:165 Resp: 89538
Ion Ratio Lower Upper
165 100
63 41.5 31.5 47.3
89 63.3 51.3 76.9
182 2.8 2.2 3.4

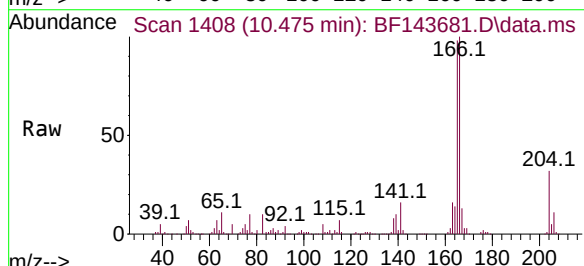
Manual Integrations

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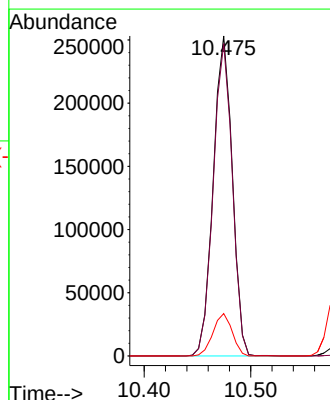
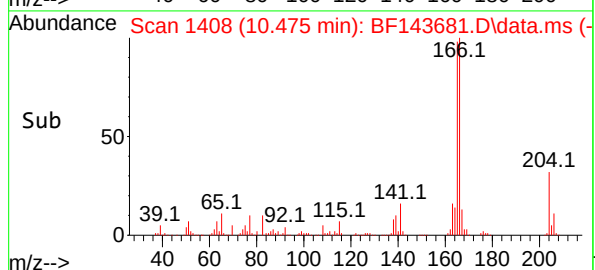
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

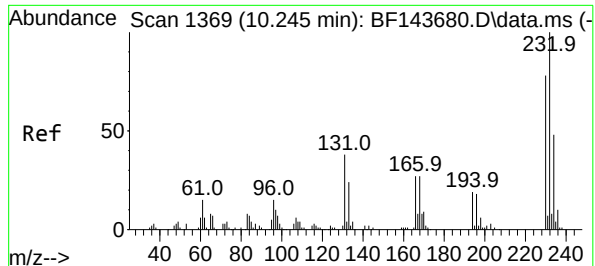


#58
Fluorene
Concen: 47.321 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



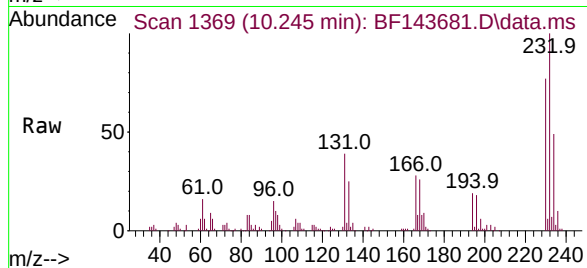
Tgt Ion:166 Resp: 315248
Ion Ratio Lower Upper
166 100
165 97.6 77.5 116.3
167 13.2 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.723 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

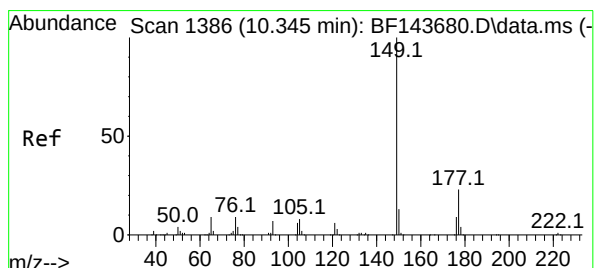
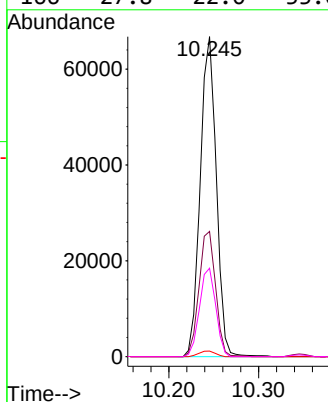
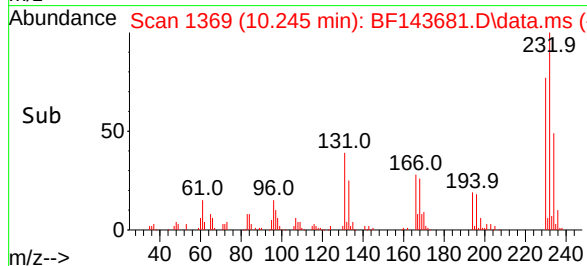
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



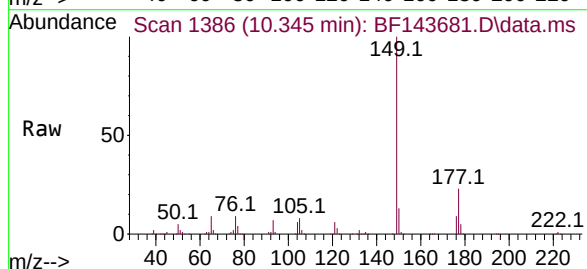
Tgt Ion:232 Resp: 83243
Ion Ratio Lower Upper
232 100
131 40.3 31.9 47.9
130 1.8 1.4 2.0
166 27.8 22.0 33.0

Manual Integrations
APPROVED

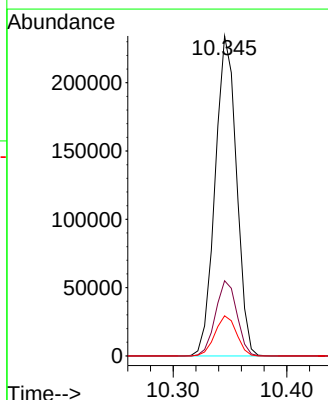
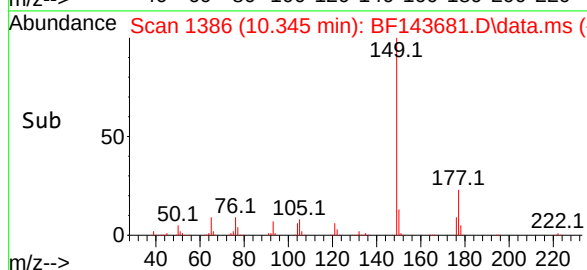
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

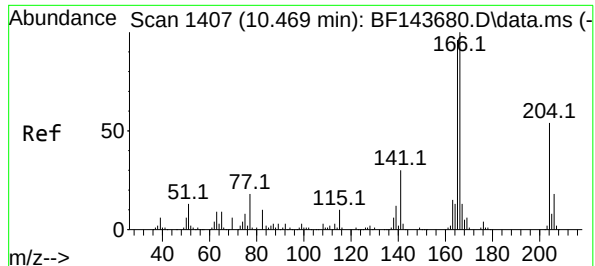


#60
Diethylphthalate
Concen: 47.144 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



Tgt Ion:149 Resp: 305936
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 12.5 10.0 15.0





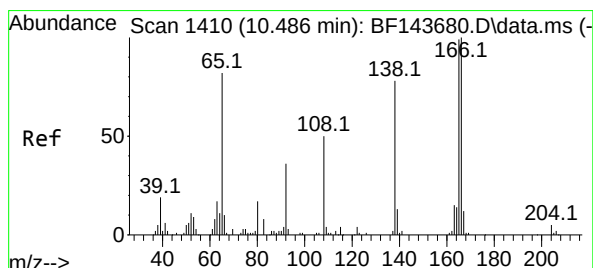
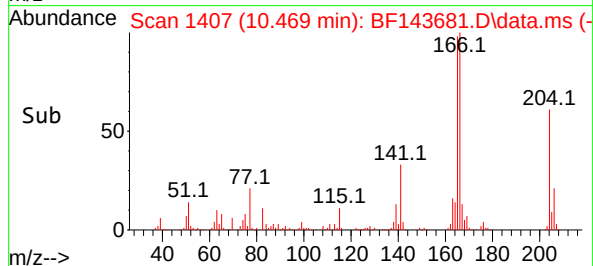
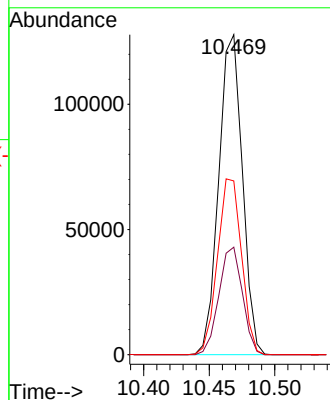
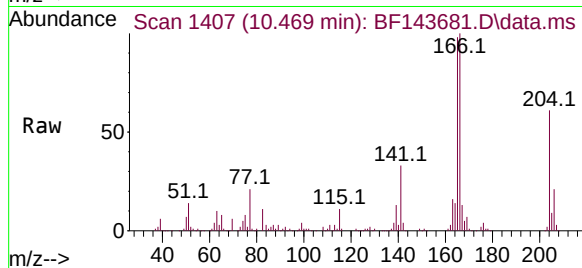
#61
4-Chlorophenyl-phenylether
Concen: 47.513 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 160530
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 54.3 44.8 67.2

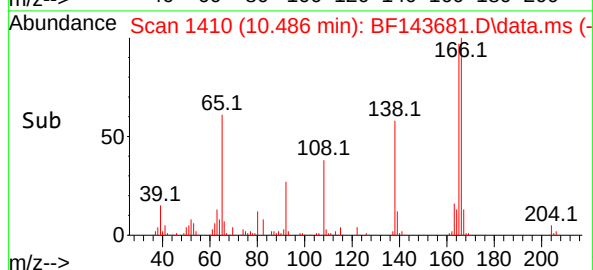
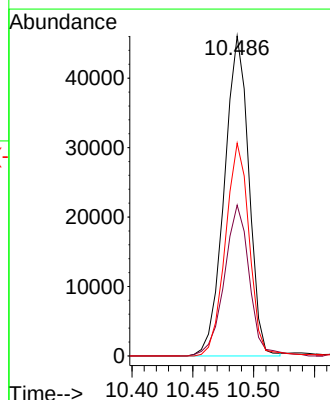
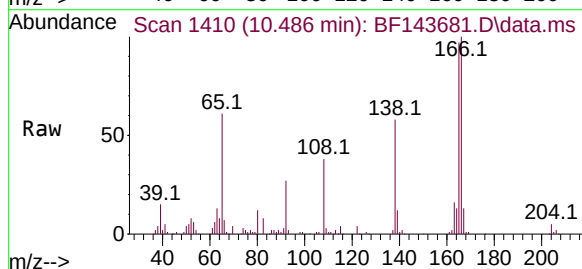
Manual Integrations
APPROVED

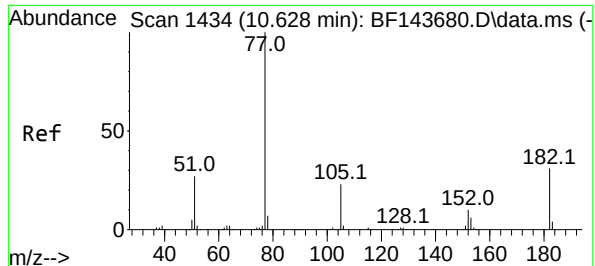
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#62
4-Nitroaniline
Concen: 47.903 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

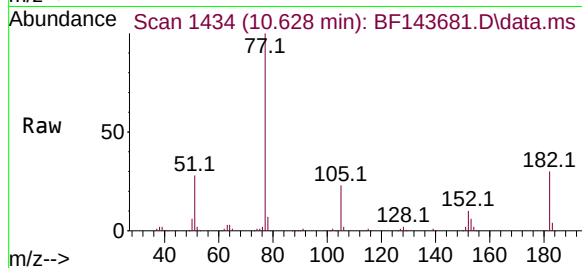
Tgt Ion:138 Resp: 64527
Ion Ratio Lower Upper
138 100
92 47.1 26.4 66.4
108 66.5 44.3 84.3





#63
Azobenzene
Concen: 47.885 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

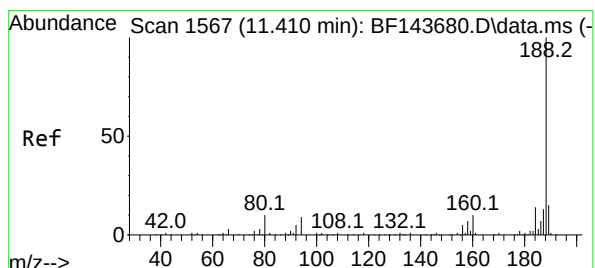
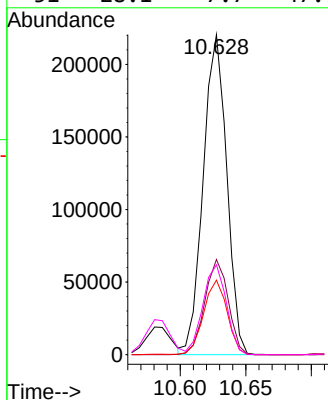
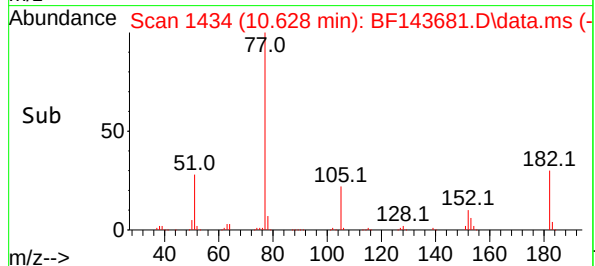
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



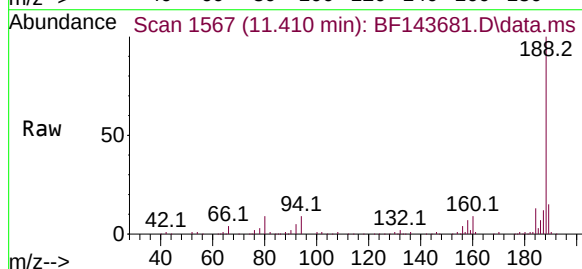
Tgt Ion: 77 Resp: 274716
Ion Ratio Lower Upper
77 100
182 29.7 10.8 50.8
105 23.3 3.2 43.2
51 28.1 7.7 47.7

Manual Integrations
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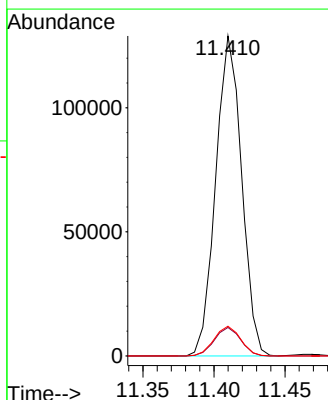
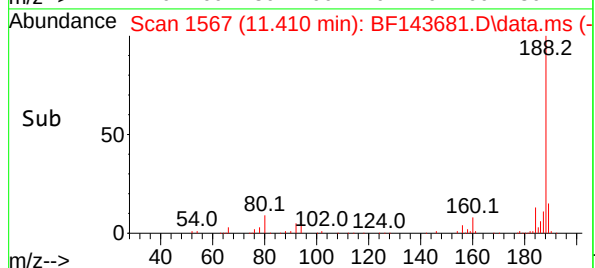
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

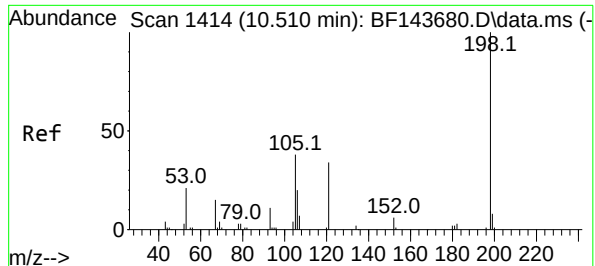


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



Tgt Ion:188 Resp: 163693
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 9.3 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 50.854 ng

RT: 10.516 min Scan# 1415

Delta R.T. 0.006 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:198 Resp: 42383

Ion Ratio Lower Upper

198 100

51 38.8 21.2 61.2

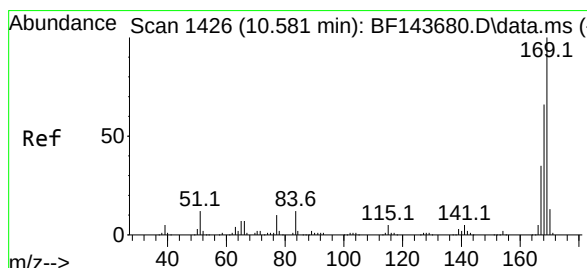
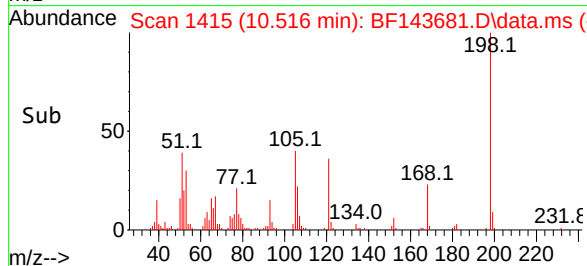
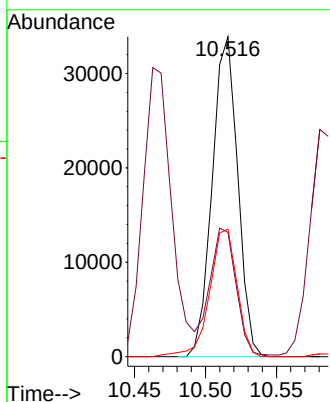
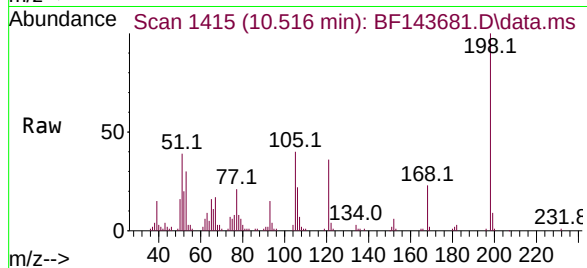
105 39.8 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#66

n-Nitrosodiphenylamine

Concen: 48.778 ng

RT: 10.586 min Scan# 1427

Delta R.T. 0.006 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

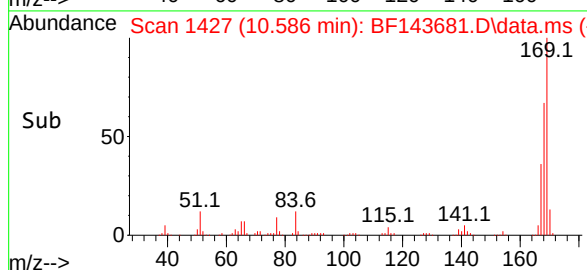
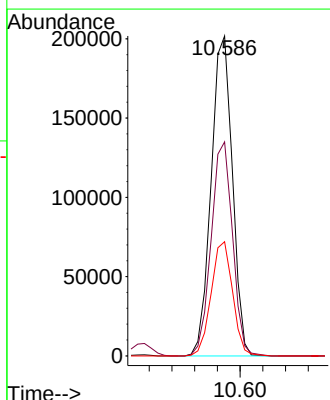
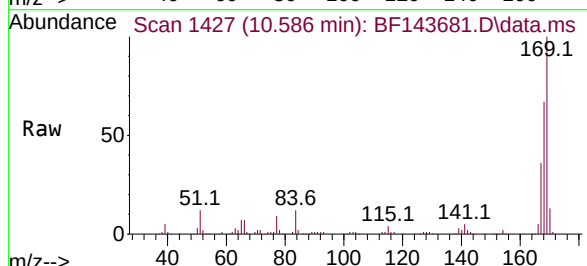
Tgt Ion:169 Resp: 261578

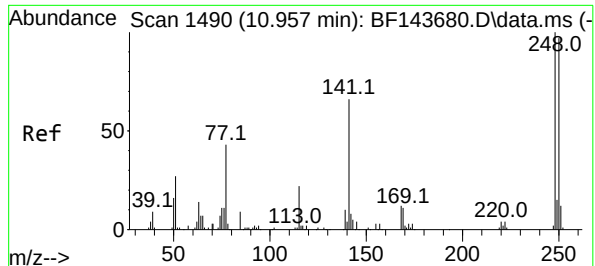
Ion Ratio Lower Upper

169 100

168 66.9 53.0 79.6

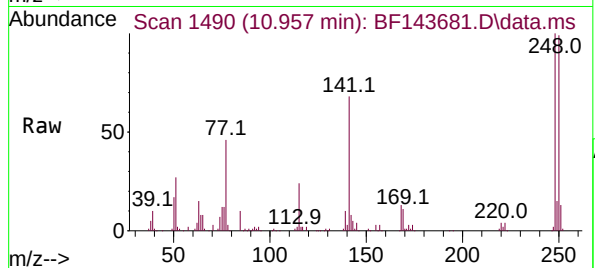
167 35.7 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 49.338 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

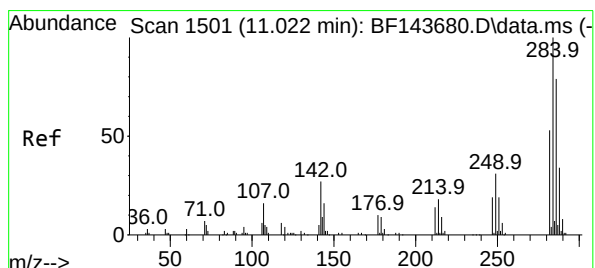
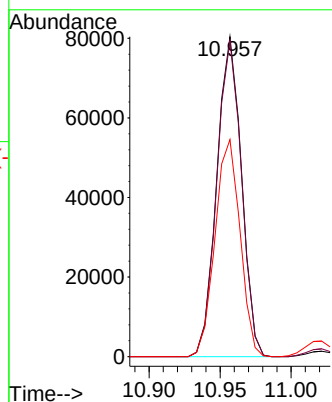
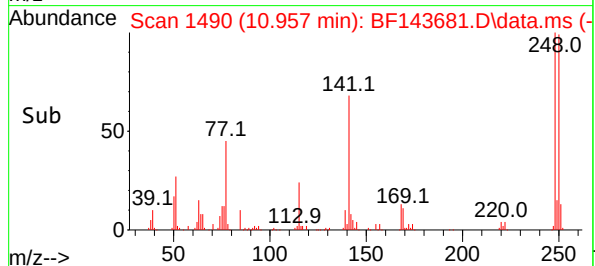
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



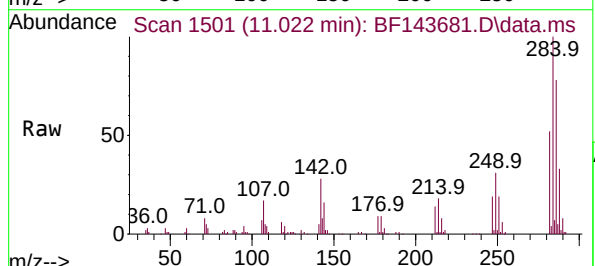
Tgt Ion:248 Resp: 97393
Ion Ratio Lower Upper
248 100
250 98.7 77.5 116.3
141 67.8 52.6 79.0

Manual Integrations
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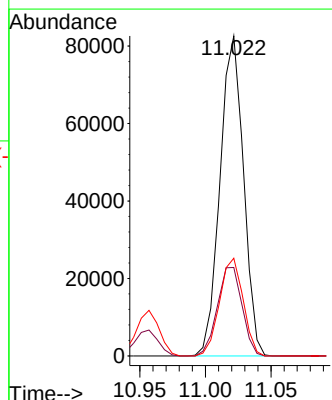
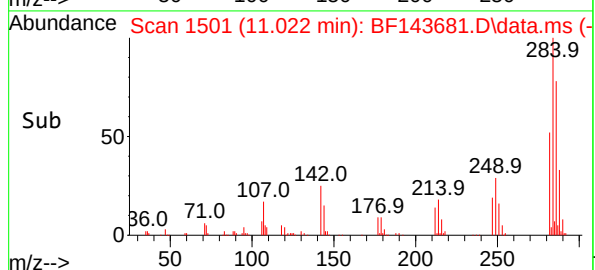
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

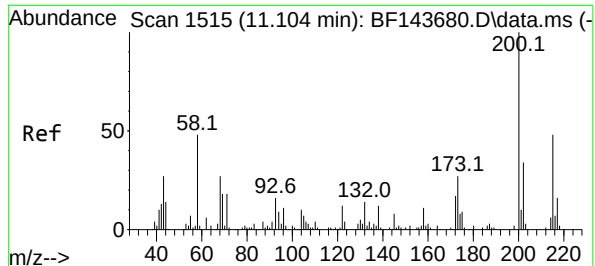


#68
Hexachlorobenzene
Concen: 49.432 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



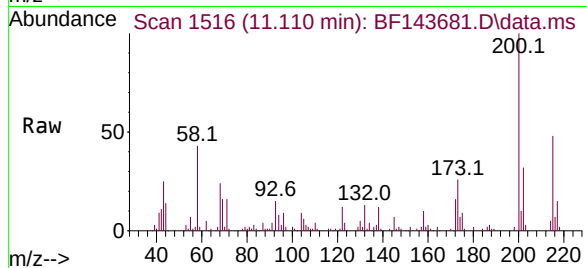
Tgt Ion:284 Resp: 103033
Ion Ratio Lower Upper
284 100
142 27.6 21.3 31.9
249 30.5 25.0 37.4





#69
Atrazine
Concen: 47.821 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

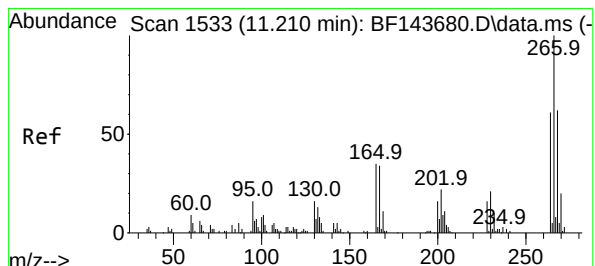
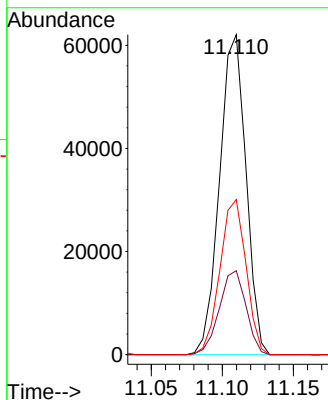
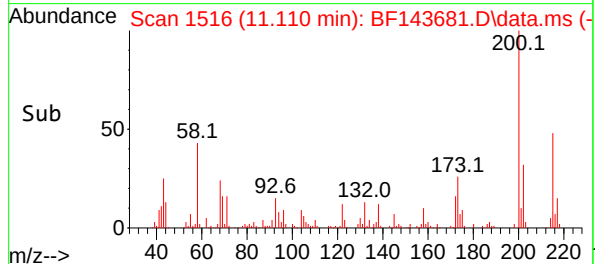
Instrument :
BNA_F
Client Sample Id :
SSTDICC050



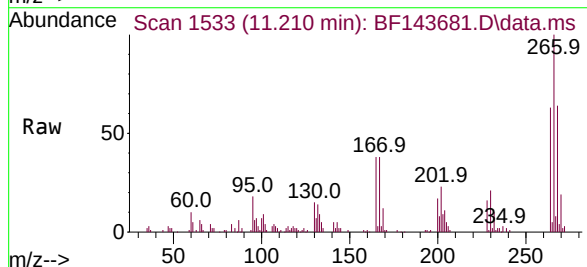
Tgt Ion:200 Resp: 8040
Ion Ratio Lower Upper
200 100
173 26.2 7.3 47.3
215 48.5 28.5 68.5

Manual Integrations
APPROVED

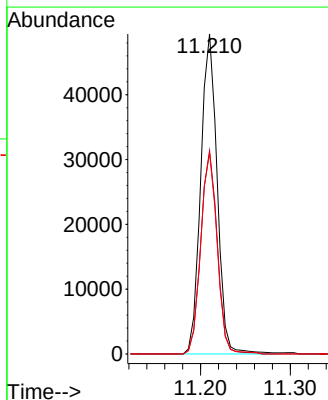
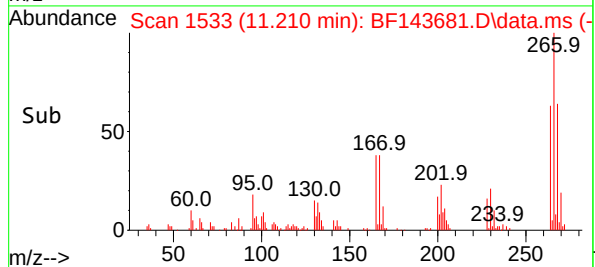
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

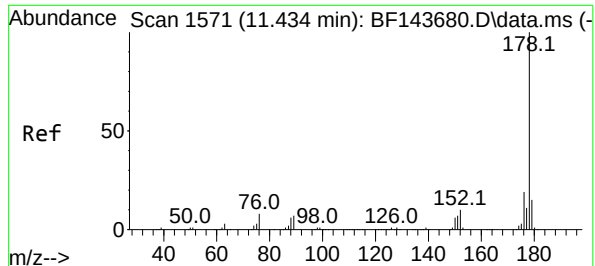


#70
Pentachlorophenol
Concen: 49.778 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



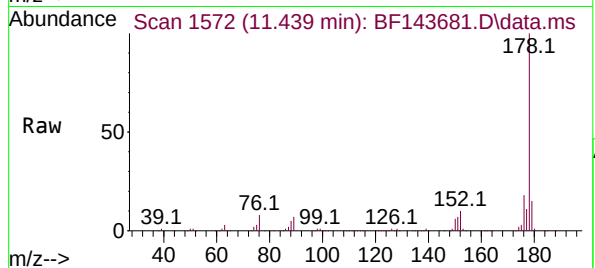
Tgt Ion:266 Resp: 62720
Ion Ratio Lower Upper
266 100
268 63.6 49.2 73.8
264 62.8 48.6 73.0





#71
Phenanthrene
Concen: 48.163 ng
RT: 11.439 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

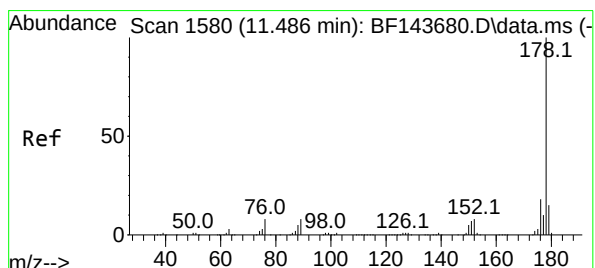
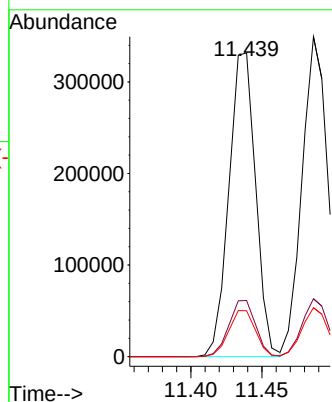
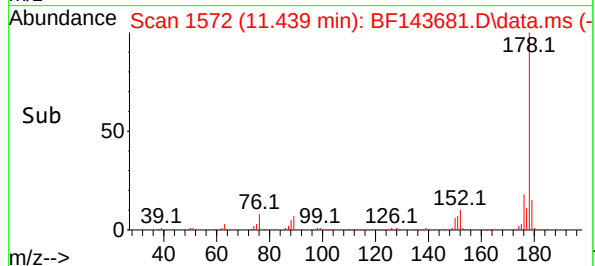
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 434393
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.1 12.2 18.2

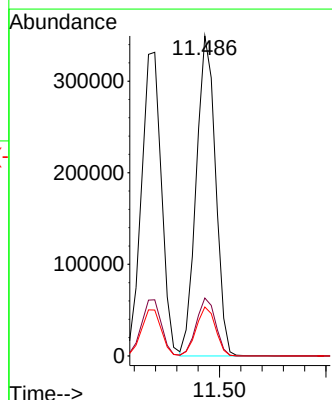
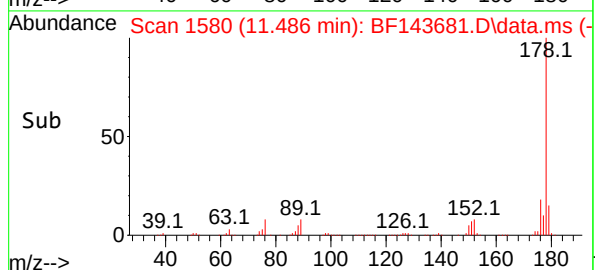
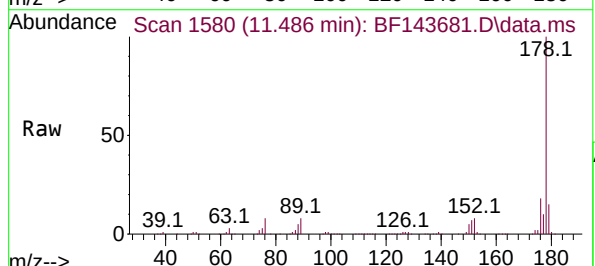
Manual Integrations
APPROVED

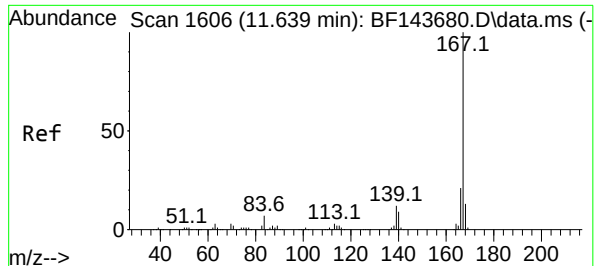
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#72
Anthracene
Concen: 48.295 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

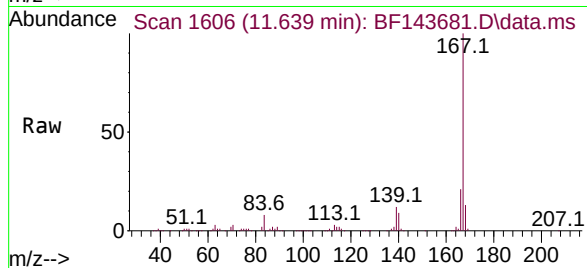
Tgt Ion:178 Resp: 437984
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.3 12.2 18.2





#73
Carbazole
Concen: 47.696 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

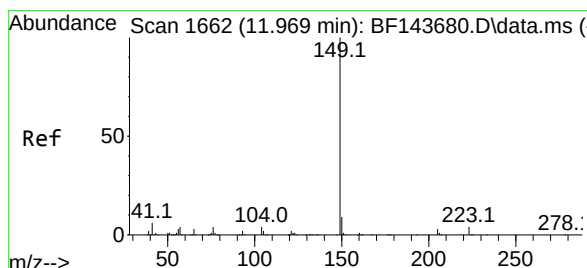
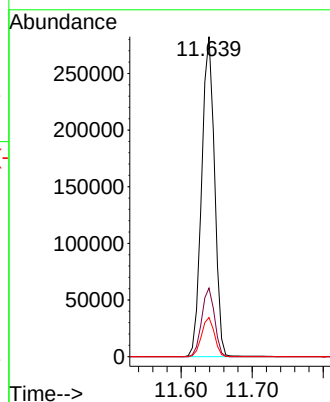
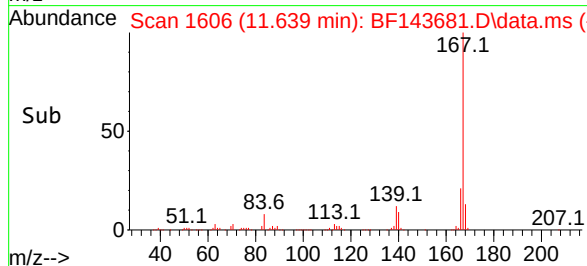
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



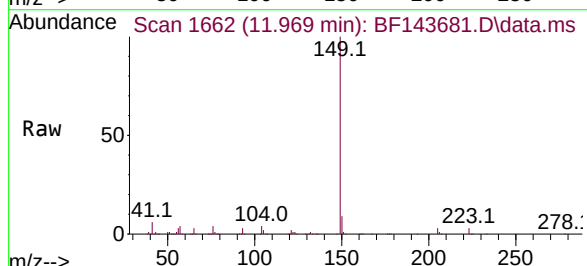
Tgt Ion:167 Resp: 354246
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 12.2 9.7 14.5

Manual Integrations
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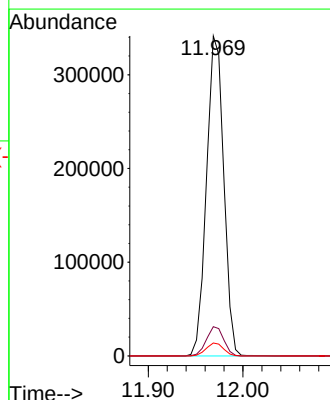
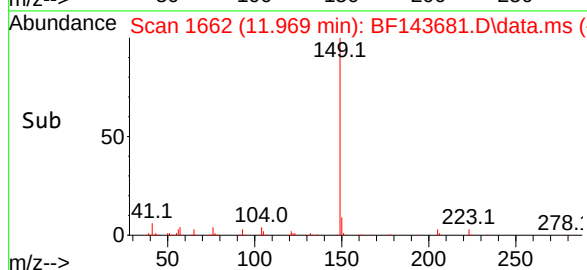
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

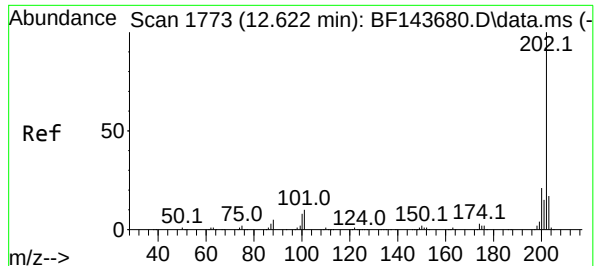


#74
Di-n-butylphthalate
Concen: 48.289 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



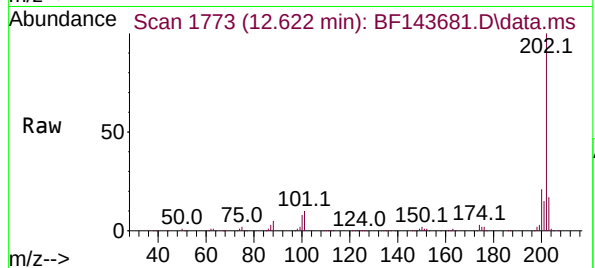
Tgt Ion:149 Resp: 431786
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.0 3.3 4.9





#75
Fluoranthene
Concen: 45.943 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

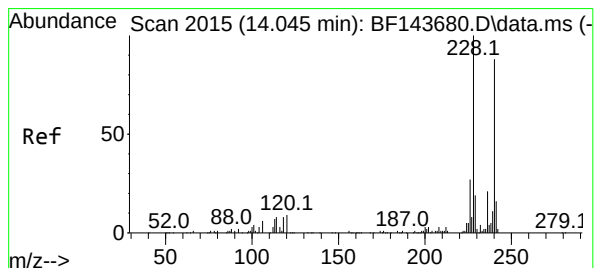
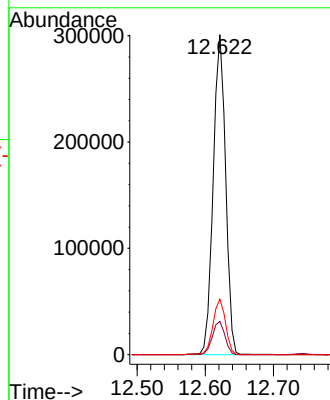
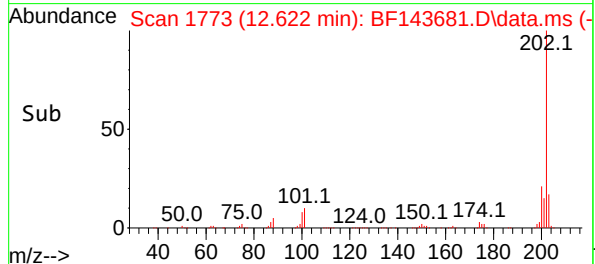
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



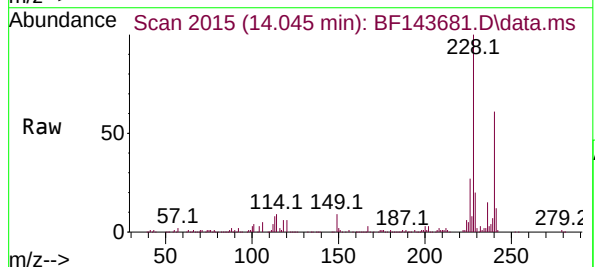
Tgt Ion:202 Resp: 380399
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.5
203 17.3 0.0 37.1

Manual Integrations
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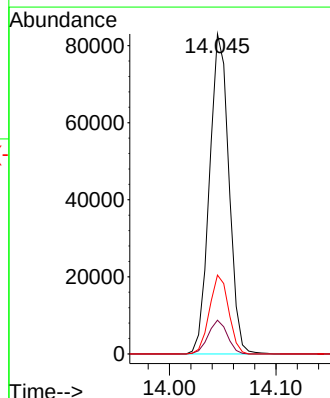
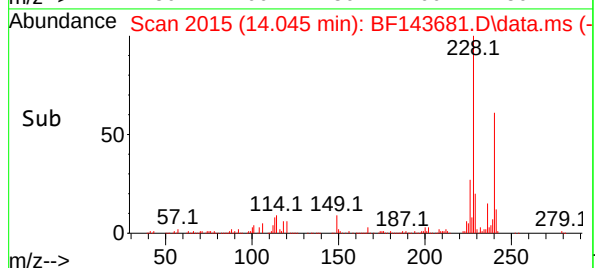
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

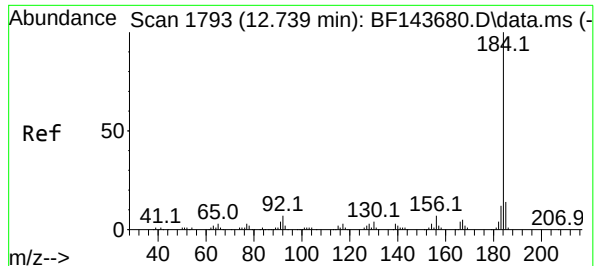


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



Tgt Ion:240 Resp: 105078
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 24.6 18.6 28.0





#77

Benzidine

Concen: 58.999 ng

RT: 12.739 min Scan# 1793

Delta R.T. -0.000 min

Lab File: BF143681.D

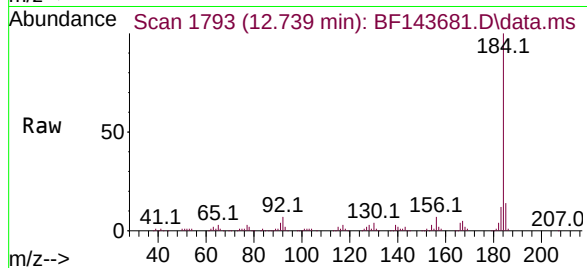
Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:184 Resp: 202166

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

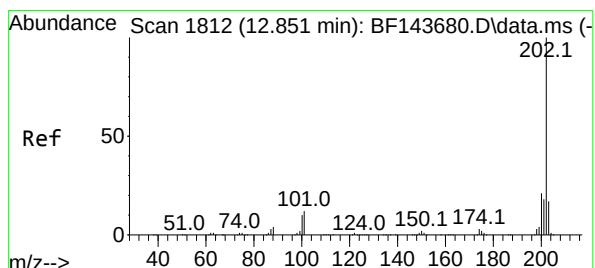
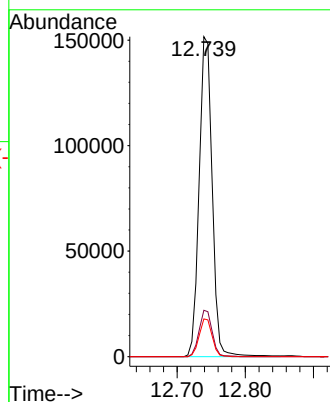
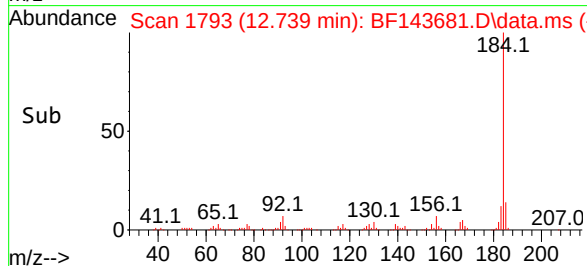
183 11.8 9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#78

Pyrene

Concen: 45.628 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

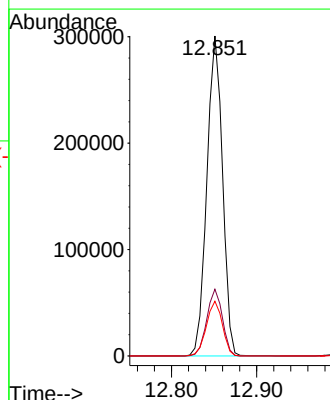
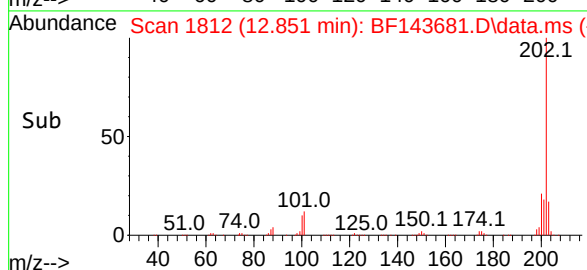
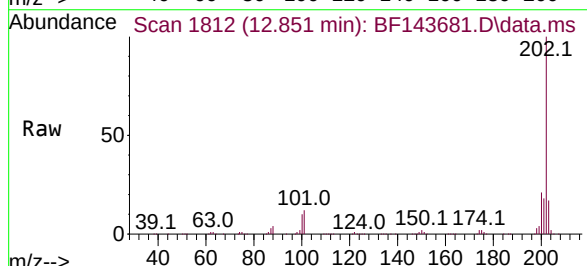
Tgt Ion:202 Resp: 383337

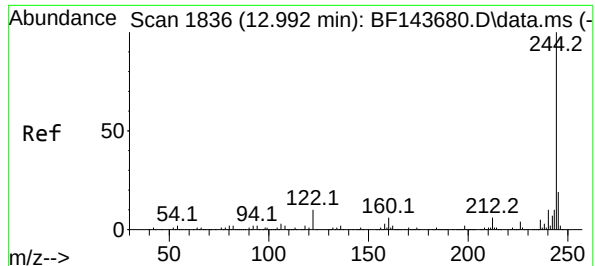
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

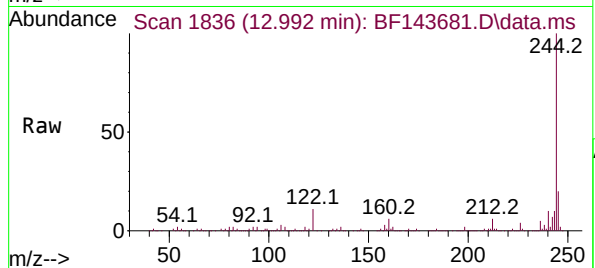
203 17.1 13.5 20.3





#79
Terphenyl-d14
Concen: 89.259 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

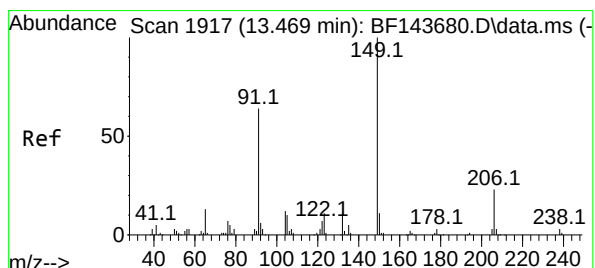
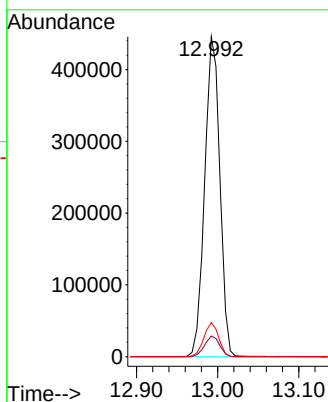
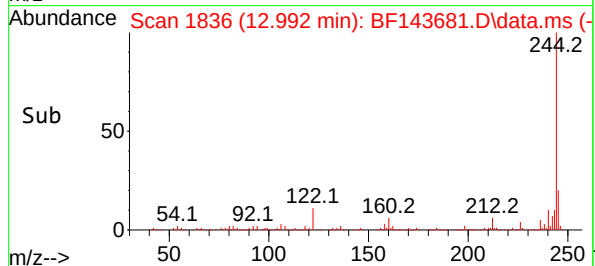
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp: 578773
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.6
122 10.6 7.9 11.9

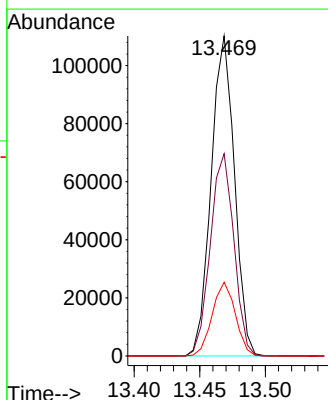
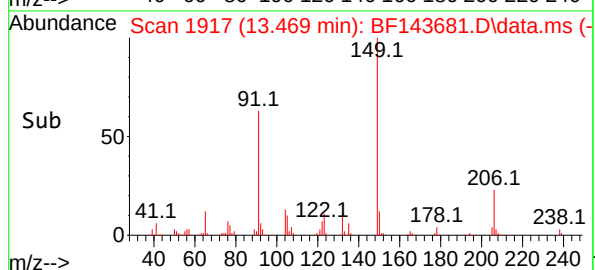
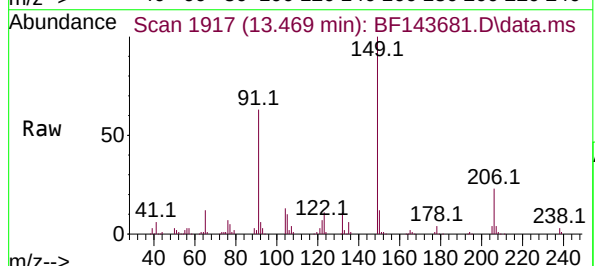
Manual Integrations
APPROVED

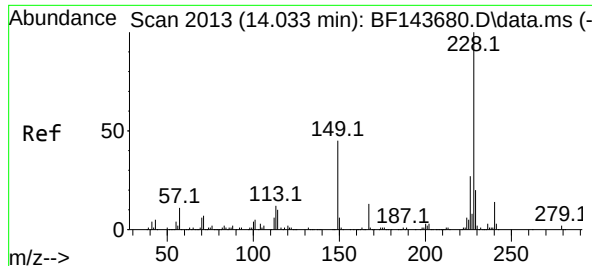
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#80
Butylbenzylphthalate
Concen: 51.832 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

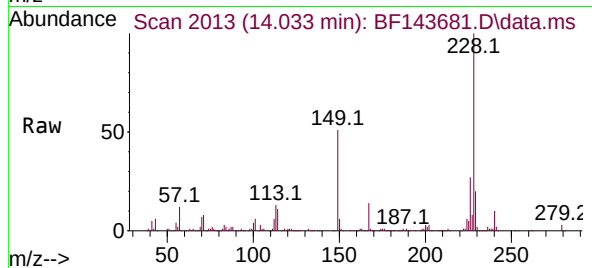
Tgt Ion:149 Resp: 136440
Ion Ratio Lower Upper
149 100
91 63.2 50.9 76.3
206 23.0 18.2 27.2





#81
Benzo(a)anthracene
Concen: 49.650 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

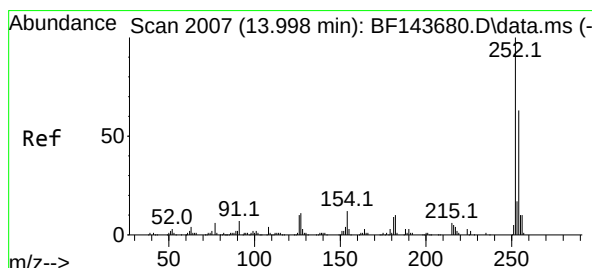
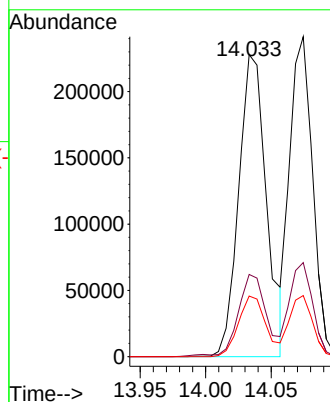
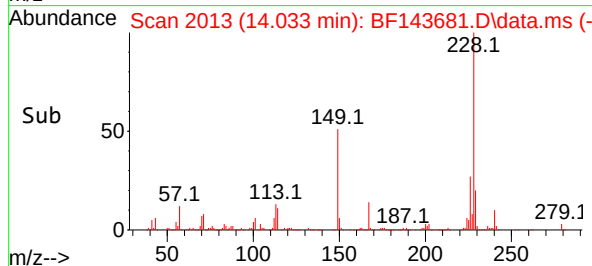
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



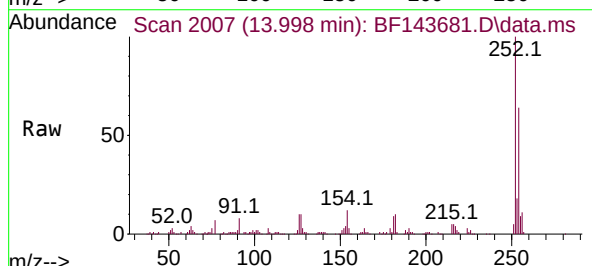
Tgt Ion:228 Resp: 335640
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 20.1 15.7 23.5

Manual Integrations
APPROVED

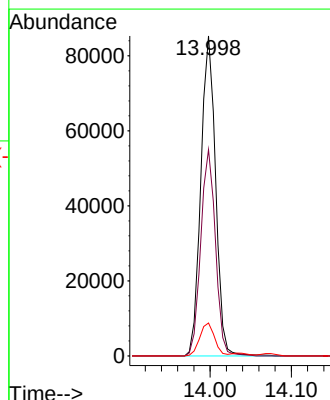
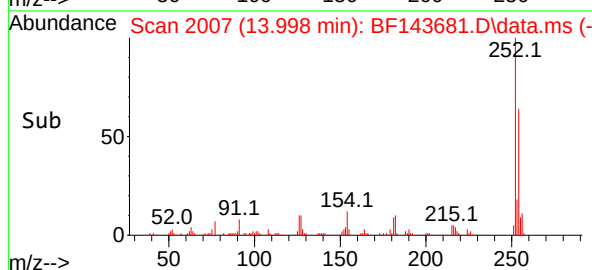
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

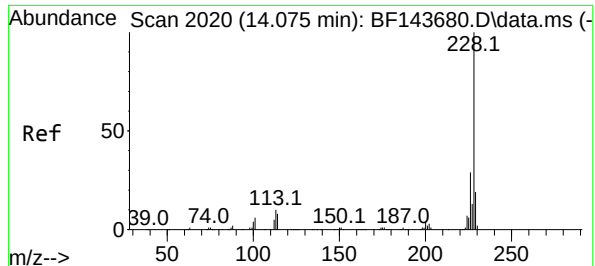


#82
3,3'-Dichlorobenzidine
Concen: 51.800 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



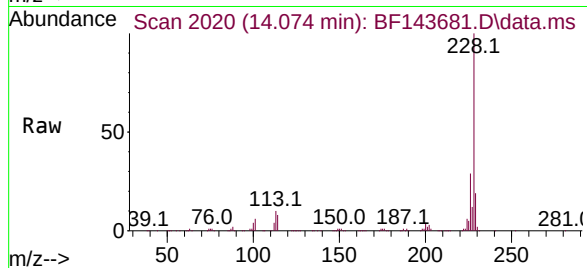
Tgt Ion:252 Resp: 107729
Ion Ratio Lower Upper
252 100
254 64.5 50.5 75.7
126 10.3 8.2 12.4





#83
Chrysene
Concen: 47.470 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

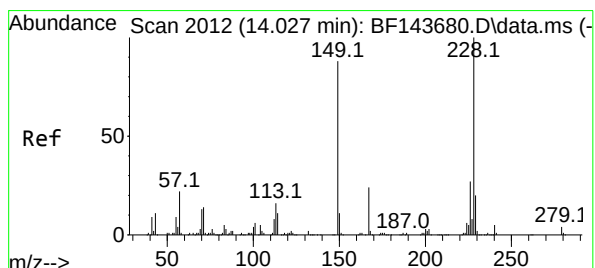
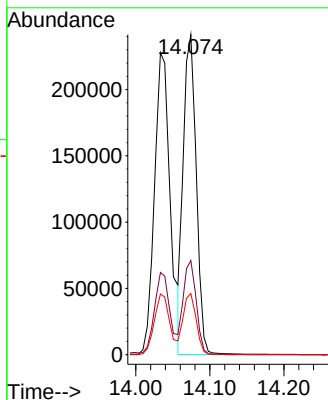
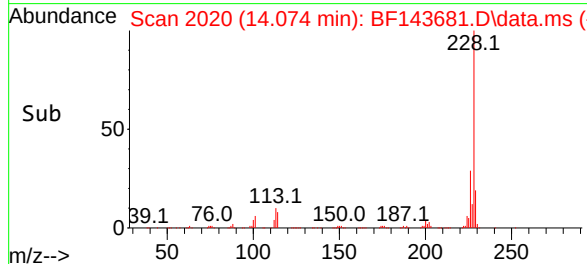
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 293904
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 19.1 15.1 22.7

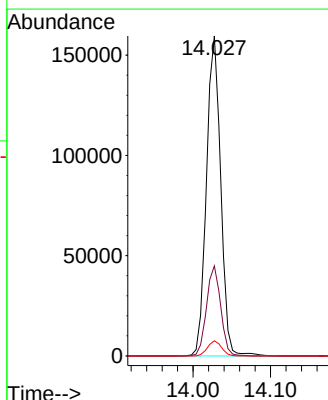
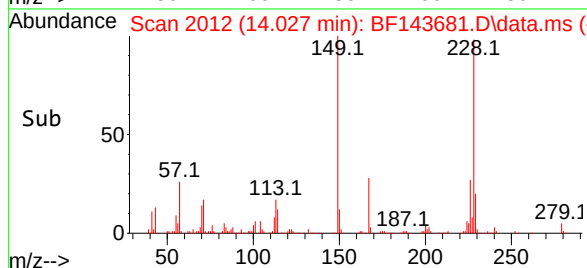
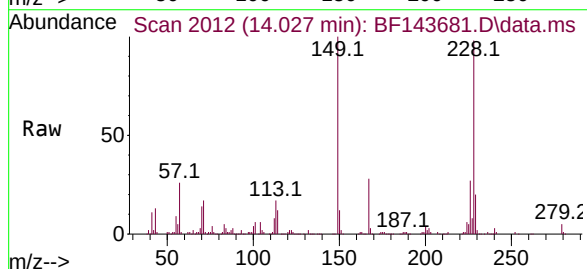
Manual Integrations
APPROVED

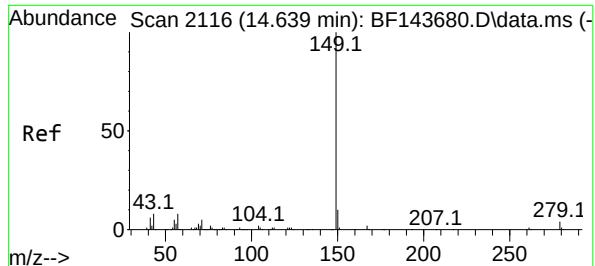
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.112 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

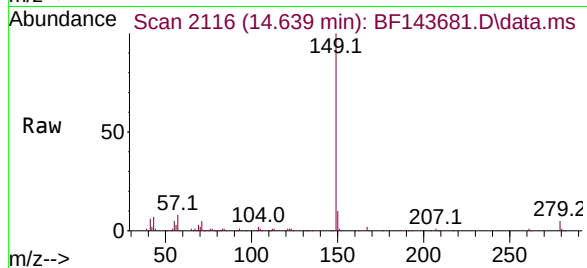
Tgt Ion:149 Resp: 203237
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.2
279 4.7 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 53.998 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

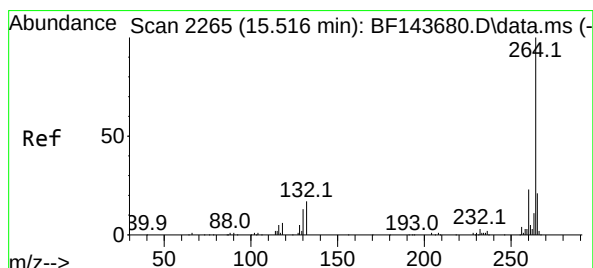
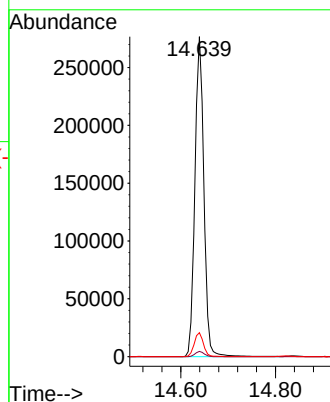
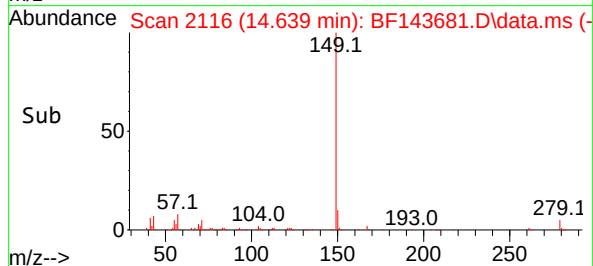
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



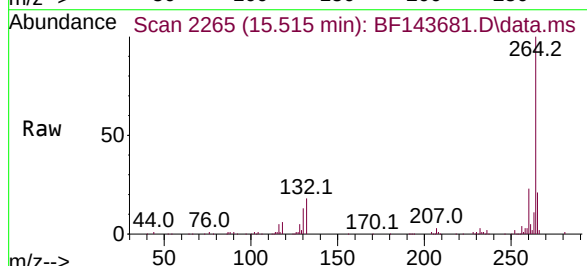
Tgt Ion:149 Resp: 363429
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.7 6.2 9.2

Manual Integrations
APPROVED

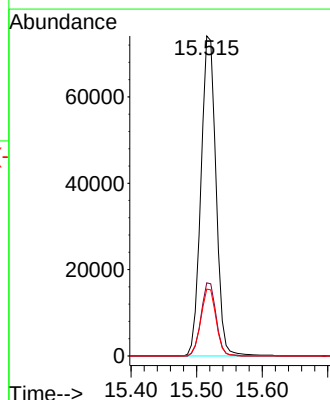
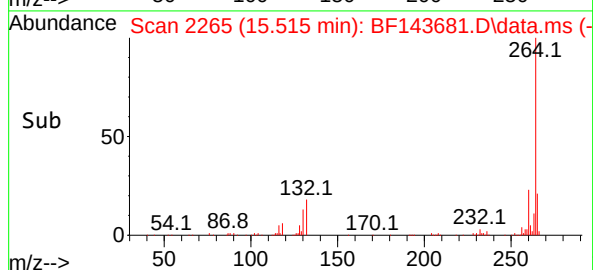
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

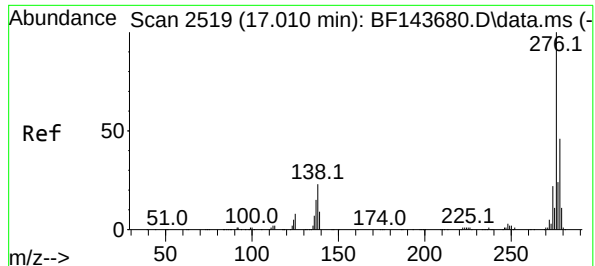


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37



Tgt Ion:264 Resp: 117337
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 20.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.140 ng

RT: 17.009 min Scan# 2519

Delta R.T. -0.000 min

Lab File: BF143681.D

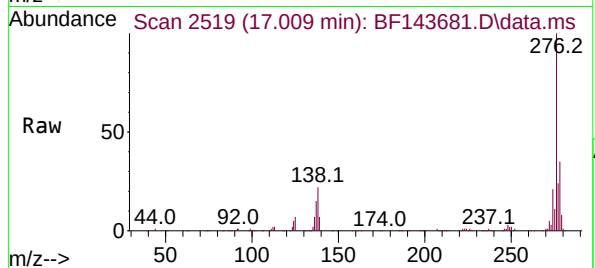
Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:276 Resp: 401522

Ion Ratio Lower Upper

276 100

138 24.5 19.7 29.5

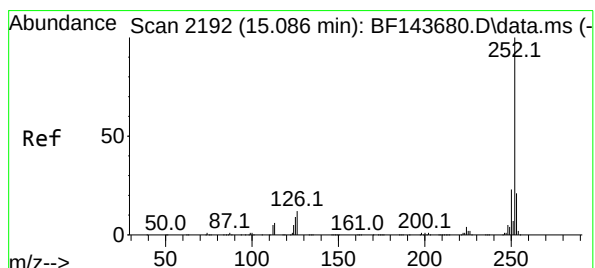
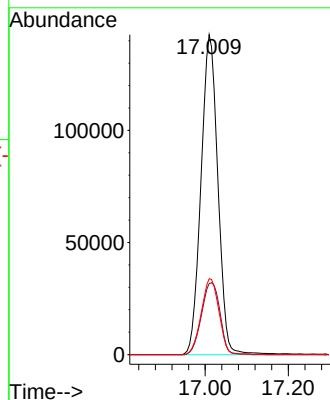
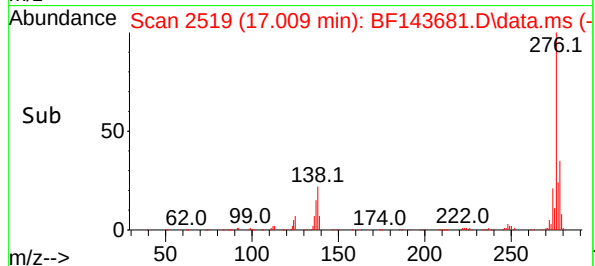
277 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#88

Benzo(b)fluoranthene

Concen: 50.199 ng

RT: 15.086 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

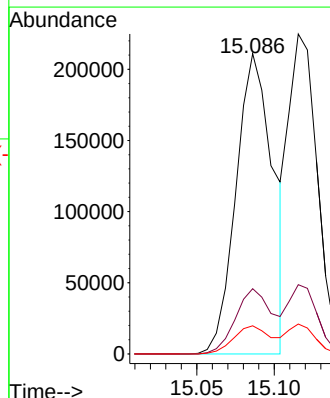
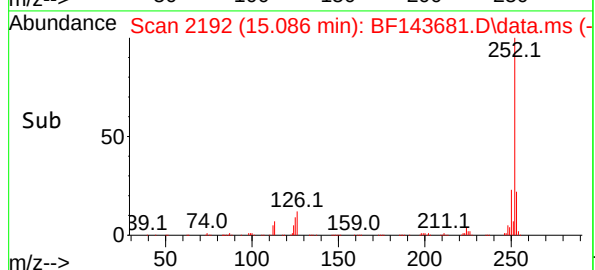
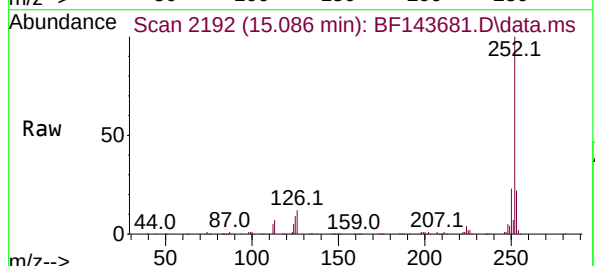
Tgt Ion:252 Resp: 350635

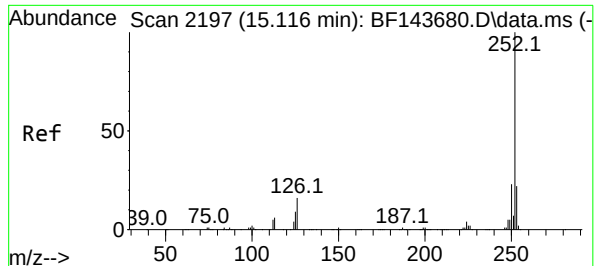
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 46.337 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 292102

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

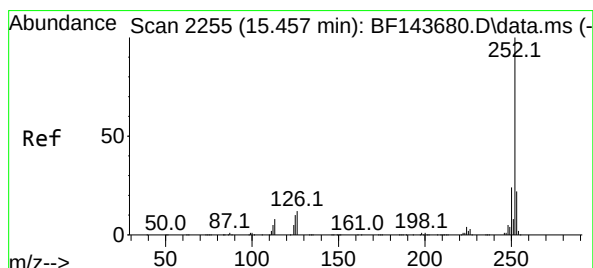
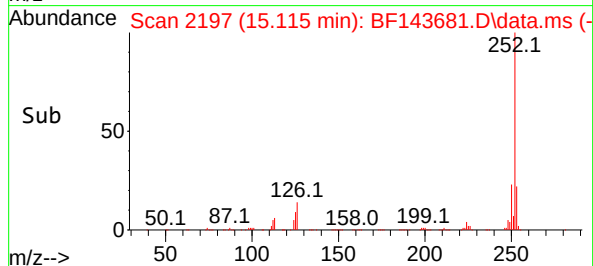
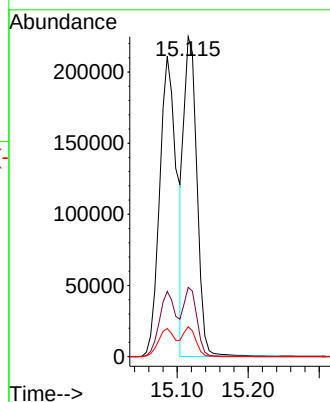
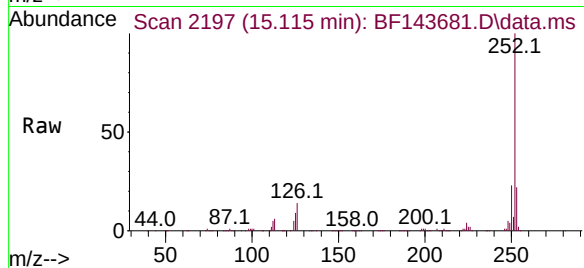
125 9.3 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#90

Benzo(a)pyrene

Concen: 49.048 ng

RT: 15.457 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF143681.D

Acq: 09 Sep 2025 11:37

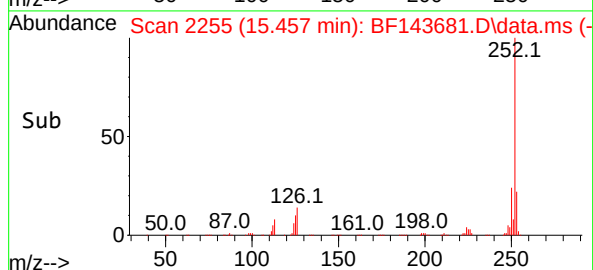
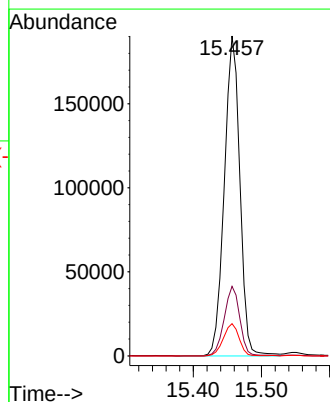
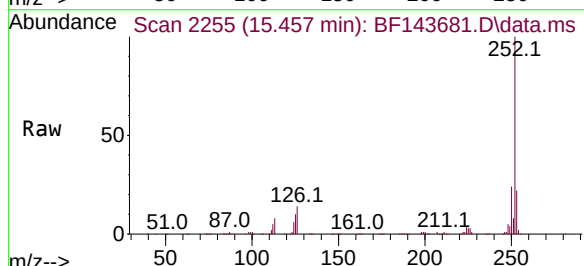
Tgt Ion:252 Resp: 300975

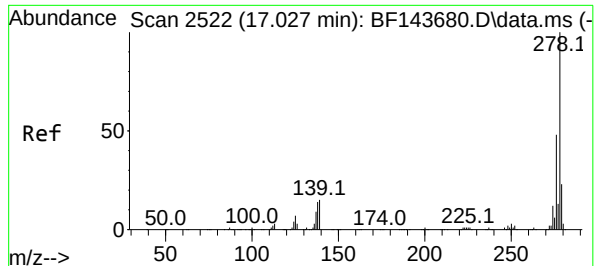
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

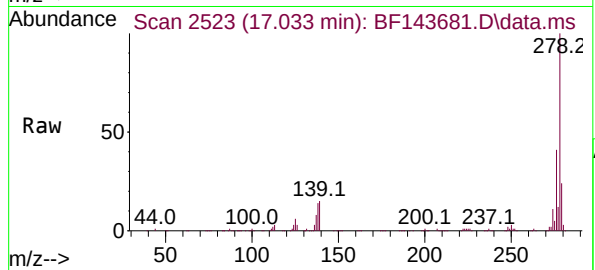
125 10.1 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 49.871 ng
RT: 17.033 min Scan# 2522
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

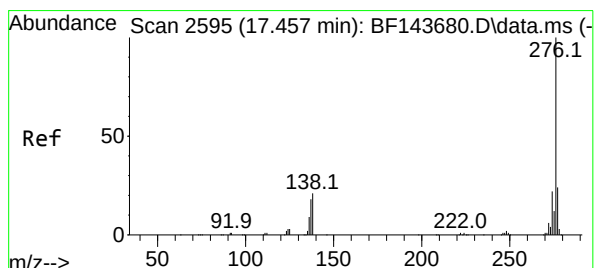
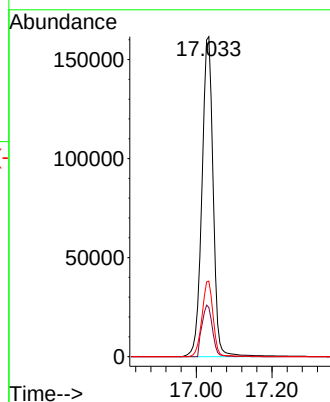
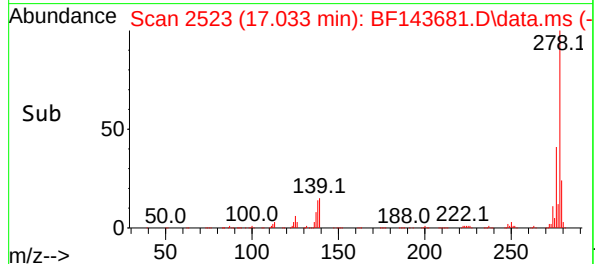
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:278 Resp: 331338
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 23.6 18.7 28.1

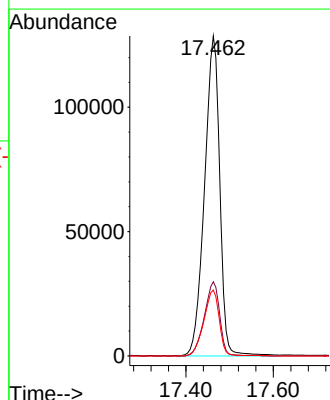
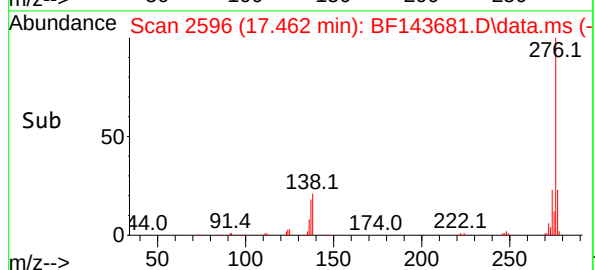
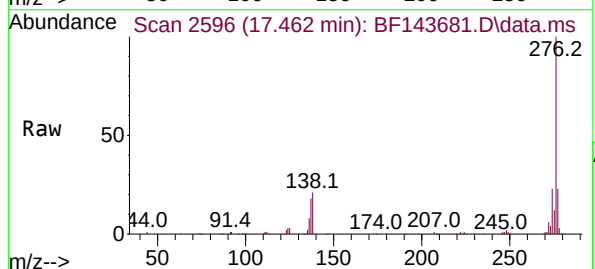
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#92
Benzo(g,h,i)perylene
Concen: 49.956 ng
RT: 17.462 min Scan# 2596
Delta R.T. 0.006 min
Lab File: BF143681.D
Acq: 09 Sep 2025 11:37

Tgt Ion:276 Resp: 310457
Ion Ratio Lower Upper
276 100
277 23.2 19.2 28.8
138 20.6 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143682.D
 Acq On : 09 Sep 2025 12:07
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:27:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	48449	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	183405	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	104999	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	163071	20.000	ng	0.00
76) Chrysene-d12	14.045	240	101826	20.000	ng	0.00
86) Perylene-d12	15.521	264	110033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	336165	118.381	ng	0.00
7) Phenol-d6	6.510	99	410610	118.756	ng	0.00
23) Nitrobenzene-d5	7.457	82	367981	124.798	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	132201	124.936	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	810323	116.581	ng	0.00
79) Terphenyl-d14	12.992	244	712078	113.324	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	74737	59.001	ng	99
3) Pyridine	3.440	79	198056	60.528	ng	98
4) n-Nitrosodimethylamine	3.399	42	75434	60.689	ng	95
6) Aniline	6.557	93	273383	59.698	ng	99
8) 2-Chlorophenol	6.675	128	183451	59.816	ng	97
9) Benzaldehyde	6.445	77	217072	77.812	ng	99
10) Phenol	6.528	94	228547m	59.797	ng	
11) bis(2-Chloroethyl)ether	6.628	93	169430	59.355	ng	99
12) 1,3-Dichlorobenzene	6.834	146	208516	59.447	ng	98
13) 1,4-Dichlorobenzene	6.910	146	209223	59.097	ng	99
14) 1,2-Dichlorobenzene	7.063	146	195044	58.340	ng	98
15) Benzyl Alcohol	7.028	79	151121	60.086	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	218801	58.588	ng	99
17) 2-Methylphenol	7.134	107	150977	61.195	ng	99
18) Hexachloroethane	7.404	117	69370	60.657	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	126221	59.439	ng	98
20) 3+4-Methylphenols	7.292	107	192470	59.242	ng	93
22) Acetophenone	7.304	105	246281	59.456	ng	99
24) Nitrobenzene	7.475	77	185150	60.559	ng	98
25) Isophorone	7.716	82	341781	60.449	ng	100
26) 2-Nitrophenol	7.787	139	96651	64.296	ng	99
27) 2,4-Dimethylphenol	7.822	122	164457	60.941	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	208375	59.970	ng	99
29) 2,4-Dichlorophenol	8.028	162	163963	60.401	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	170361	60.576	ng	99
31) Naphthalene	8.198	128	542906	59.797	ng	99
32) Benzoic acid	7.928	122	114139	69.326	ng	100
33) 4-Chloroaniline	8.239	127	191381	60.550	ng	99
34) Hexachlorobutadiene	8.310	225	111518	60.795	ng	99
35) Caprolactam	8.622	113	44575	61.695	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	162648	60.766	ng	97
37) 2-Methylnaphthalene	8.886	142	369233	59.410	ng	99
38) 1-Methylnaphthalene	8.986	142	354559	59.446	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	180805	60.149	ng	99
41) Hexachlorocyclopentadiene	9.039	237	96156	62.308	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	120659	60.113	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143682.D
 Acq On : 09 Sep 2025 12:07
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:27:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	128683	63.063	ng	98
46) 1,1'-Biphenyl	9.351	154	447425	59.190	ng	99
47) 2-Chloronaphthalene	9.375	162	353378	59.632	ng	99
48) 2-Nitroaniline	9.463	65	97484	62.161	ng	97
49) Acenaphthylene	9.786	152	510762	60.170	ng	100
50) Dimethylphthalate	9.645	163	409629	59.961	ng	100
51) 2,6-Dinitrotoluene	9.710	165	84793	64.917	ng	95
52) Acenaphthene	9.963	154	352828	60.318	ng	98
53) 3-Nitroaniline	9.875	138	87317	62.118	ng	95
54) 2,4-Dinitrophenol	9.975	184	43384	63.017	ng	# 47
55) Dibenzofuran	10.133	168	498267	59.238	ng	99
56) 4-Nitrophenol	10.022	139	69488	62.137	ng	98
57) 2,4-Dinitrotoluene	10.110	165	112245	63.140	ng	97
58) Fluorene	10.475	166	385078	58.485	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	103083	62.301	ng	99
60) Diethylphthalate	10.351	149	383748	59.833	ng	99
61) 4-Chlorophenyl-phenylether	10.469	204	196333	58.796	ng	99
62) 4-Nitroaniline	10.492	138	84033	63.120	ng	98
63) Azobenzene	10.628	77	333443	58.808	ng	98
65) 4,6-Dinitro-2-methylphthalate	10.516	198	57061	68.727	ng	98
66) n-Nitrosodiphenylamine	10.586	169	328675	61.524	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	118964	60.496	ng	96
68) Hexachlorobenzene	11.022	284	127479	61.394	ng	97
69) Atrazine	11.110	200	99962	59.678	ng	99
70) Pentachlorophenol	11.210	266	80967	64.505	ng	99
71) Phenanthrene	11.439	178	531231	59.125	ng	99
72) Anthracene	11.486	178	536413	59.374	ng	99
73) Carbazole	11.639	167	437989	59.196	ng	99
74) Di-n-butylphthalate	11.975	149	530871	59.596	ng	100
75) Fluoranthene	12.622	202	469334	56.901	ng	99
77) Benzidine	12.745	184	233493	70.318	ng	99
78) Pyrene	12.851	202	465668	57.197	ng	99
80) Butylbenzylphthalate	13.469	149	166792	65.387	ng	99
81) Benzo(a)anthracene	14.039	228	400644	61.159	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	128699	63.860	ng	98
83) Chrysene	14.074	228	356726	59.457	ng	99
84) Bis(2-ethylhexyl)phthalate	14.027	149	235967	64.833	ng	99
85) Di-n-octyl phthalate	14.639	149	423351	64.910	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	475913	63.374	ng	100
88) Benzo(b)fluoranthene	15.086	252	397168	60.636	ng	99
89) Benzo(k)fluoranthene	15.121	252	357138	60.414	ng	99
90) Benzo(a)pyrene	15.457	252	357533	62.132	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	397881	63.861	ng	100
92) Benzo(g,h,i)perylene	17.468	276	373061	64.015	ng	99

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

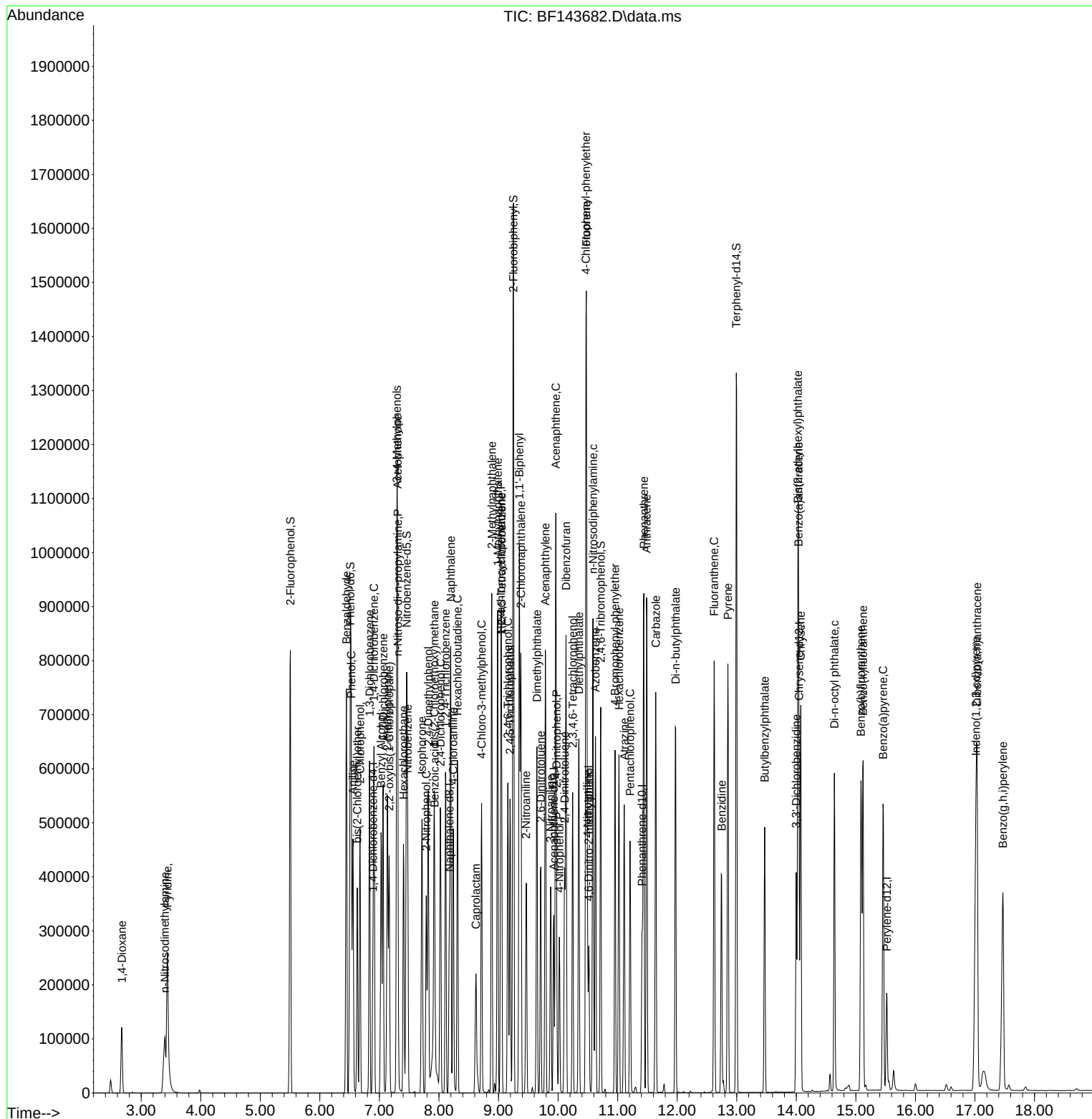
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143682.D
Acq On : 09 Sep 2025 12:07
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

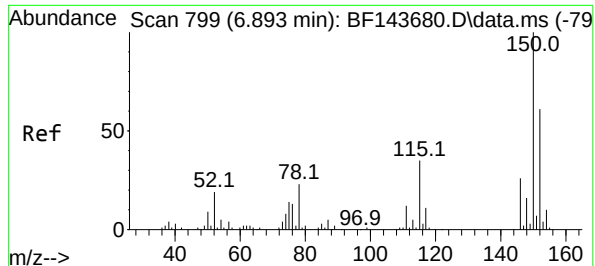
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

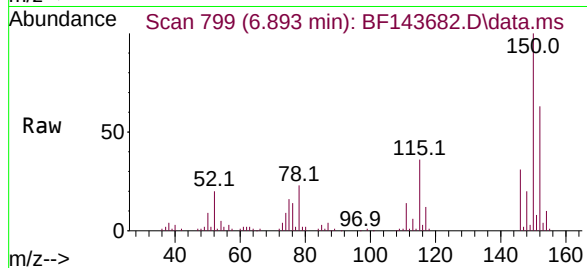
Quant Time: Sep 09 15:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

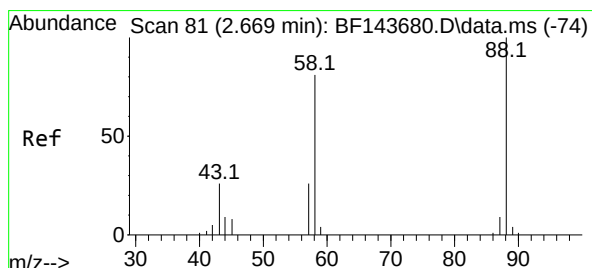
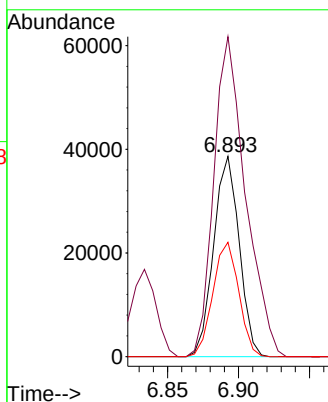
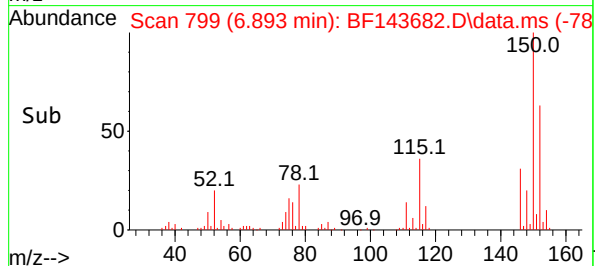
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 48449
Ion Ratio Lower Upper
152 100
150 159.9 130.7 196.1
115 57.1 45.9 68.9

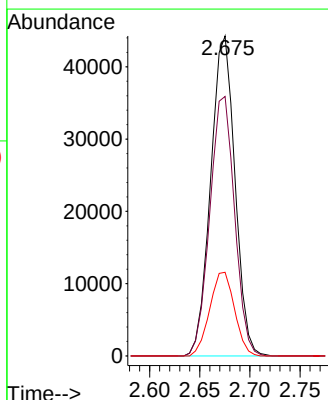
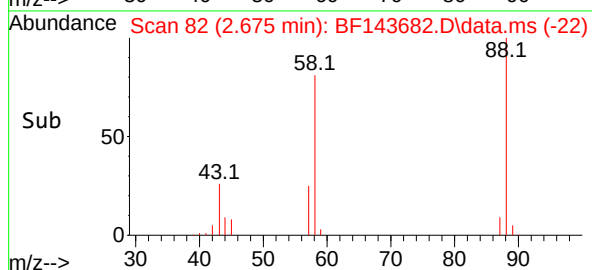
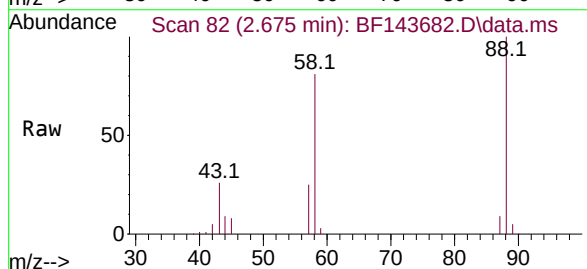
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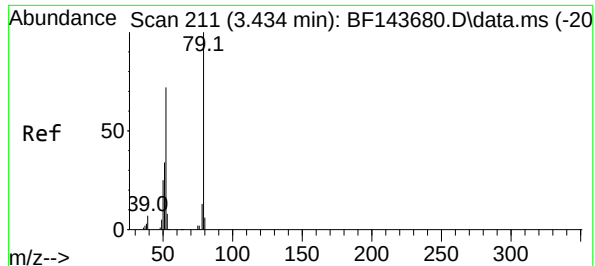
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#2
1,4-Dioxane
Concen: 59.001 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

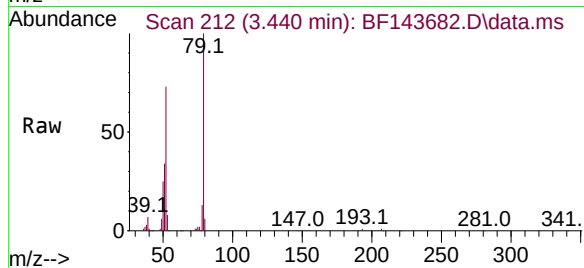
Tgt Ion: 88 Resp: 74737
Ion Ratio Lower Upper
88 100
58 82.5 65.8 98.6
43 26.6 20.6 31.0





#3
Pyridine
Concen: 60.528 ng
RT: 3.440 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

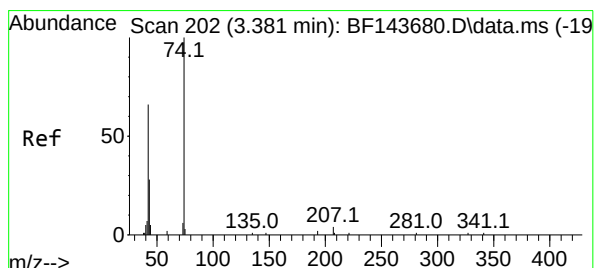
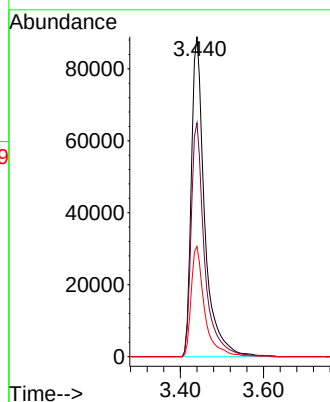
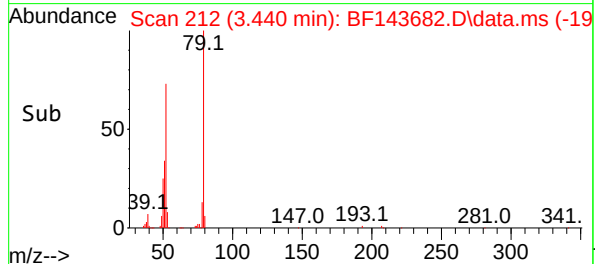
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 198056
Ion Ratio Lower Upper
79 100
52 73.0 57.2 85.8
51 34.4 27.0 40.6

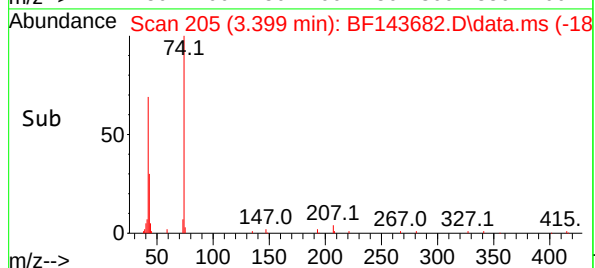
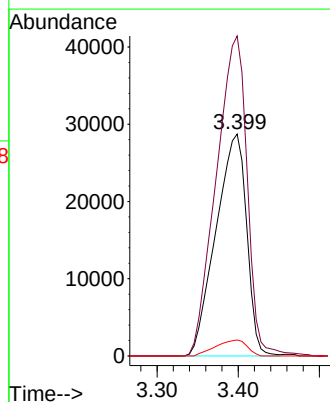
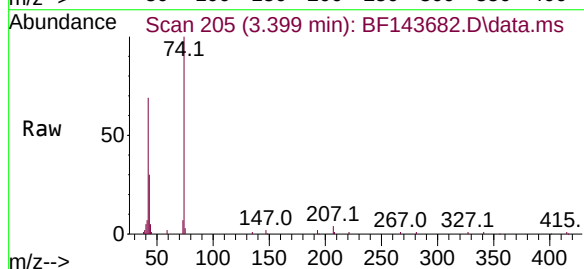
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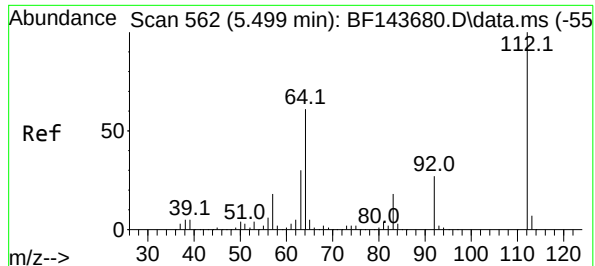
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#4
n-Nitrosodimethylamine
Concen: 60.689 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.018 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

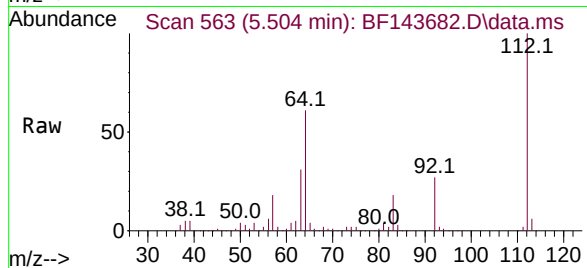
Tgt Ion: 42 Resp: 75434
Ion Ratio Lower Upper
42 100
74 144.2 120.9 181.3
44 7.1 6.5 9.7





#5
2-Fluorophenol
Concen: 118.381 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

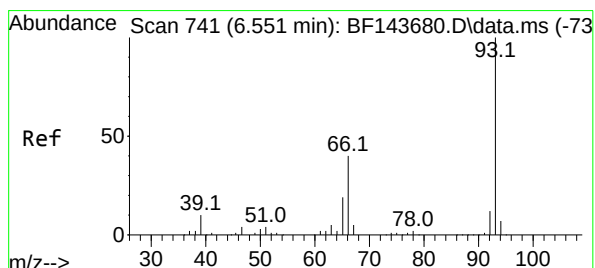
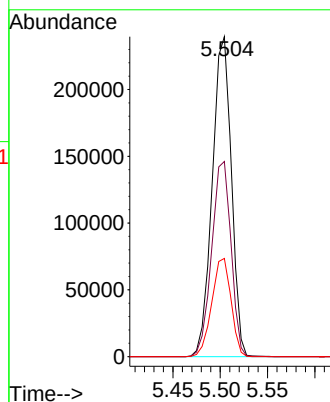
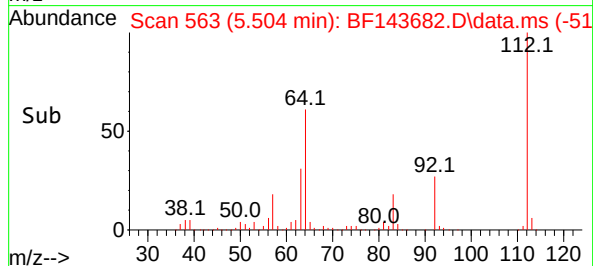
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 112 Resp: 336165
Ion Ratio Lower Upper
112 100
64 61.0 49.0 73.4
63 30.7 24.3 36.5

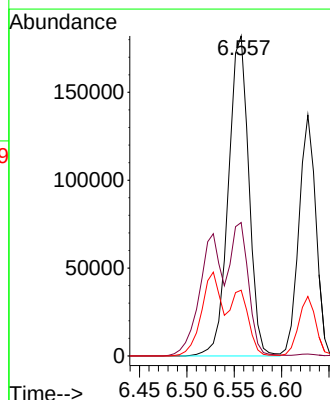
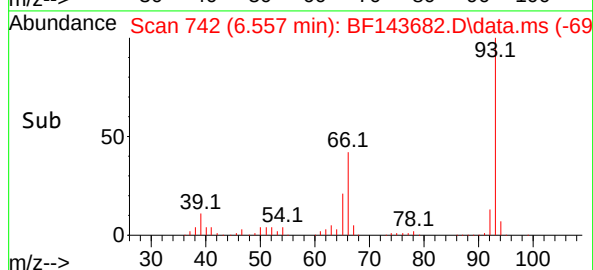
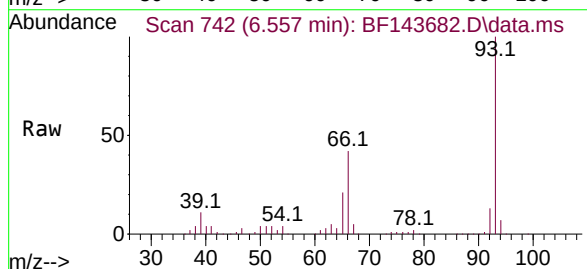
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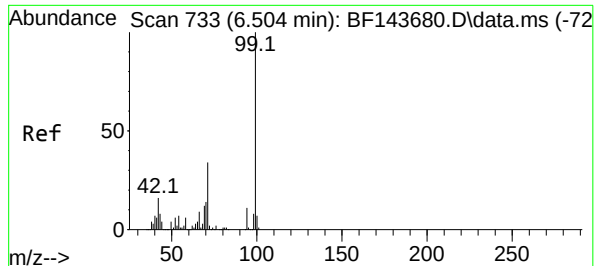
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#6
Aniline
Concen: 59.698 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Tgt Ion: 93 Resp: 273383
Ion Ratio Lower Upper
93 100
66 41.7 34.1 51.1
65 20.5 16.1 24.1





#7

Phenol-d6

Concen: 118.756 ng

RT: 6.510 min Scan# 733

Delta R.T. 0.006 min

Lab File: BF143682.D

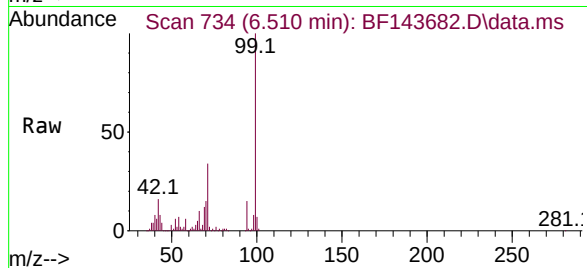
Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 99 Resp: 410610

Ion Ratio Lower Upper

99 100

42 16.3 13.0 19.4

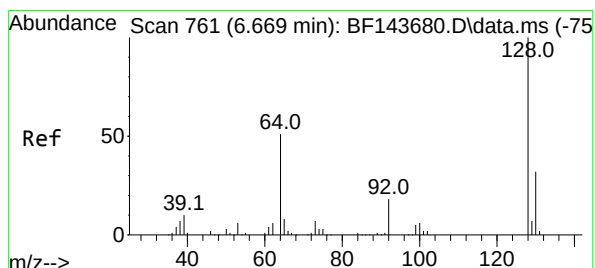
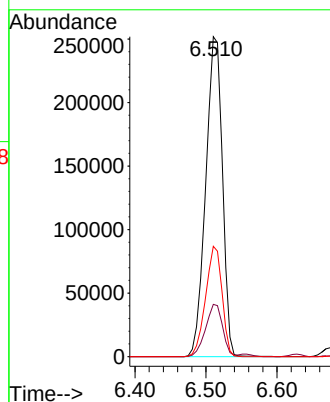
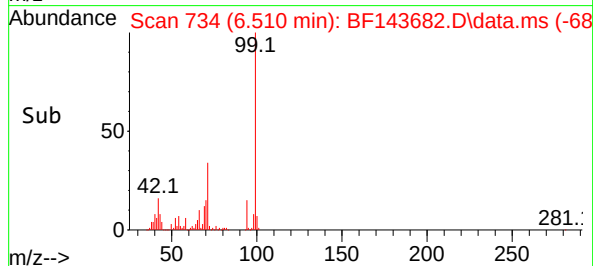
71 34.5 27.4 41.2

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#8

2-Chlorophenol

Concen: 59.816 ng

RT: 6.675 min Scan# 762

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

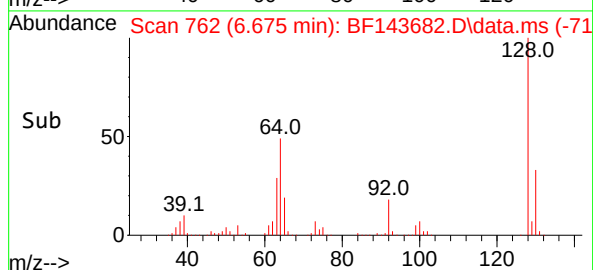
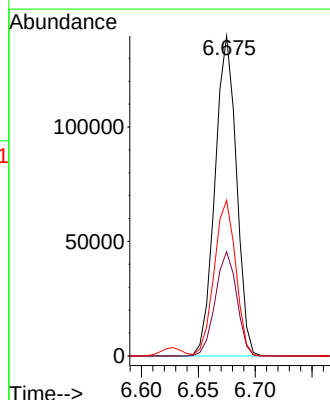
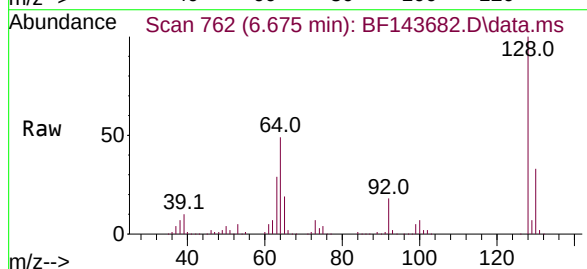
Tgt Ion:128 Resp: 183451

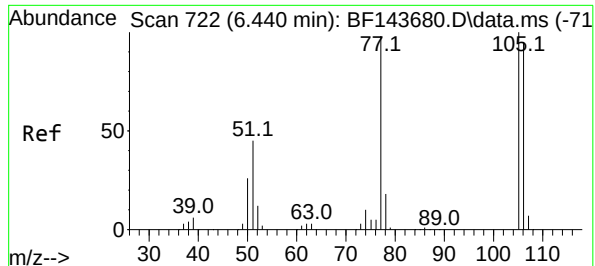
Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 48.6 31.9 71.9





#9

Benzaldehyde

Concen: 77.812 ng

RT: 6.445 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 217072

Ion Ratio Lower Upper

77 100

105 102.0 81.7 121.7

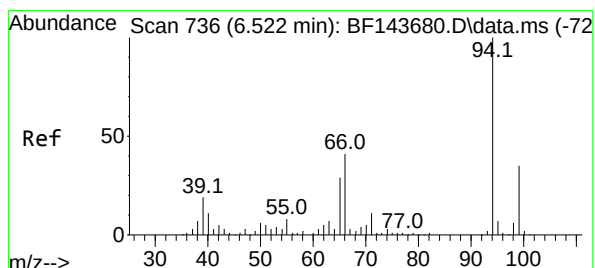
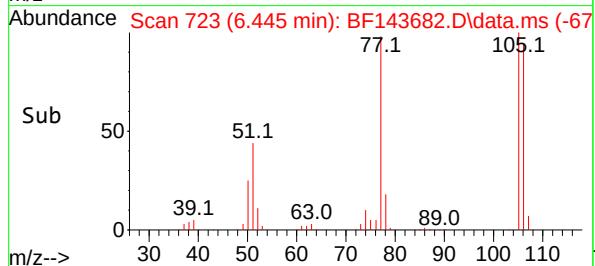
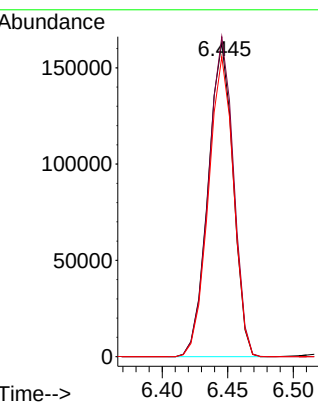
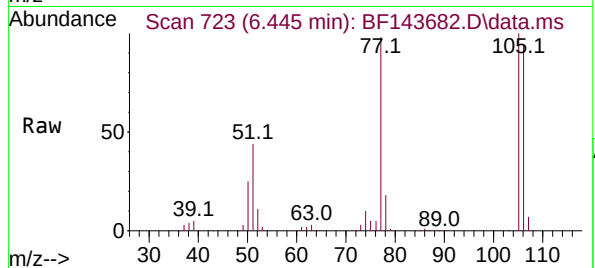
106 95.6 76.9 116.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#10

Phenol

Concen: 59.797 ng m

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

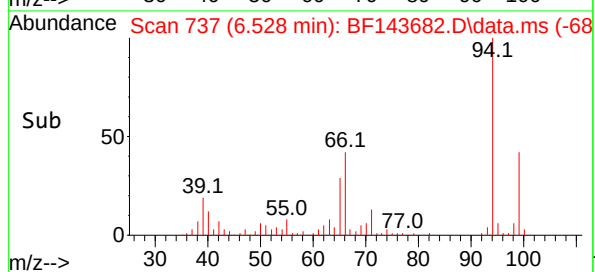
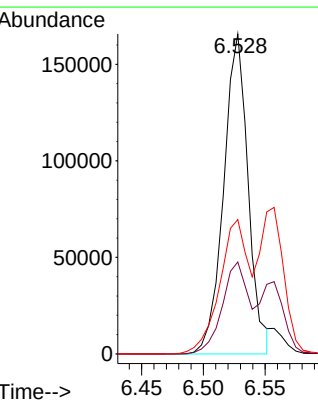
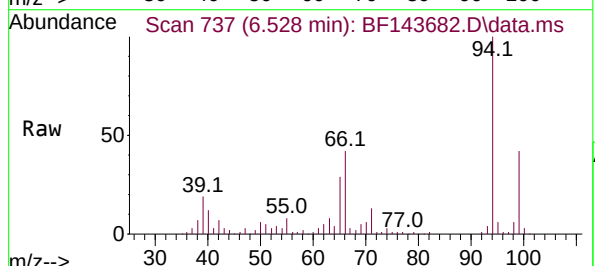
Tgt Ion: 94 Resp: 228547

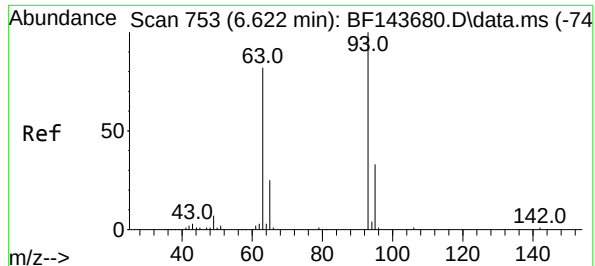
Ion Ratio Lower Upper

94 100

65 28.7 9.1 49.1

66 42.0 20.8 60.8





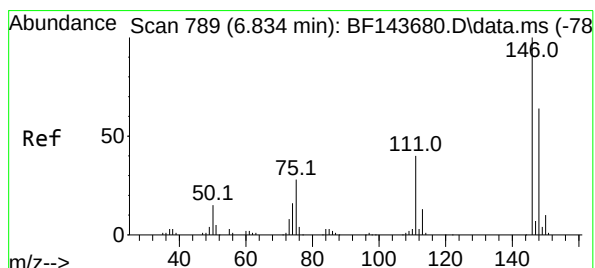
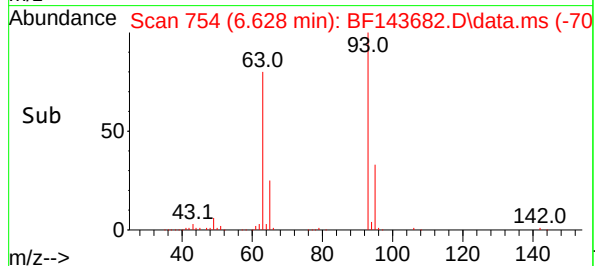
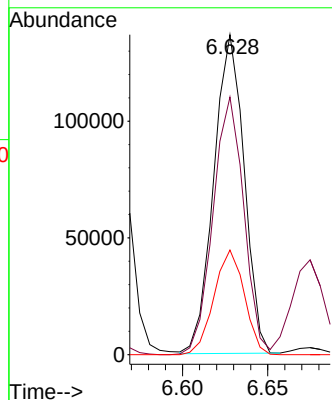
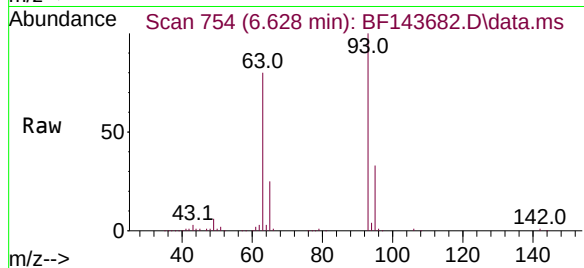
#11
bis(2-Chloroethyl)ether
Concen: 59.355 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 169430
Ion Ratio Lower Upper
93 100
63 80.5 61.8 101.8
95 32.7 12.6 52.6

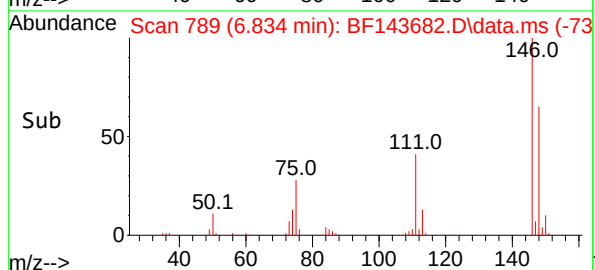
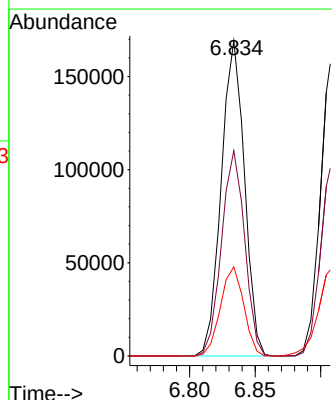
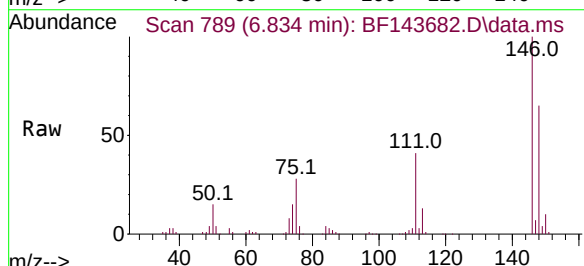
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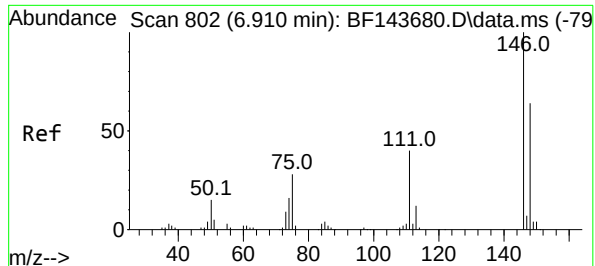
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#12
1,3-Dichlorobenzene
Concen: 59.447 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Tgt Ion:146 Resp: 208516
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.4
75 28.2 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 59.097 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 209223

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

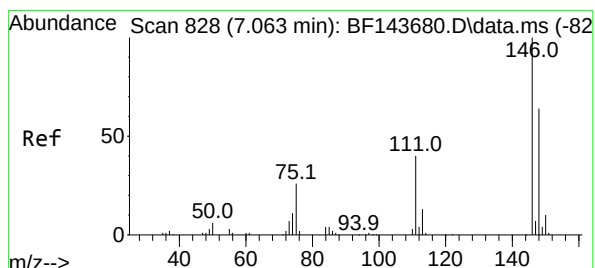
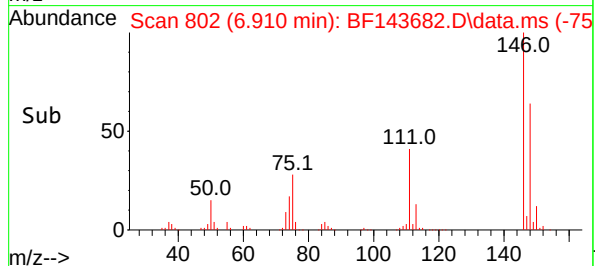
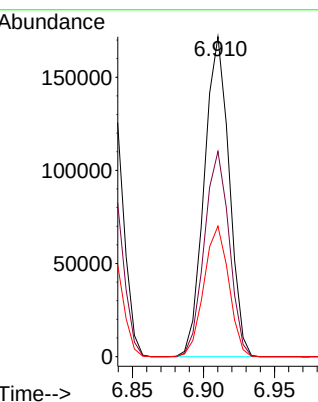
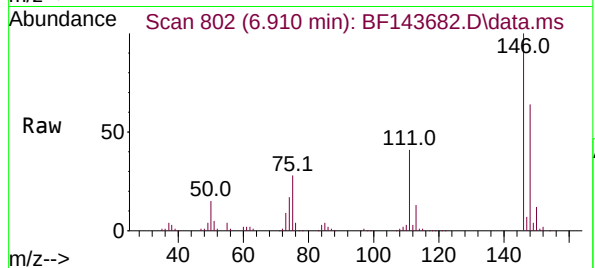
111 40.8 31.8 47.8

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Supervised By :Jagrut Upadhyay 09/10/2025



#14

1,2-Dichlorobenzene

Concen: 58.340 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

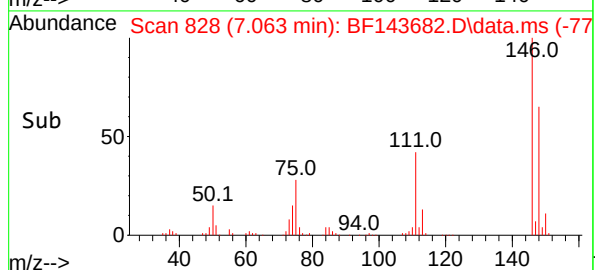
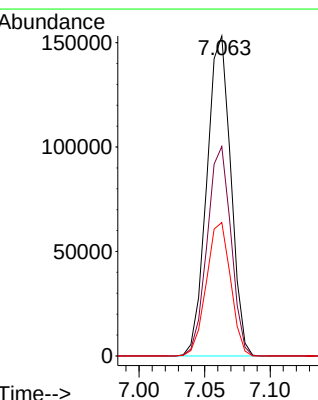
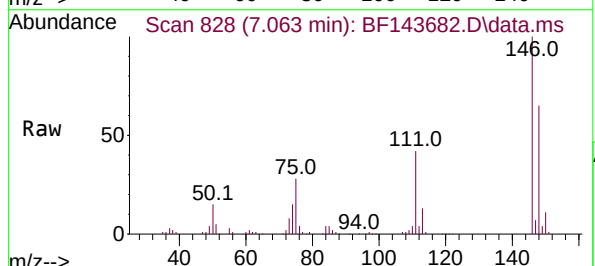
Tgt Ion:146 Resp: 195044

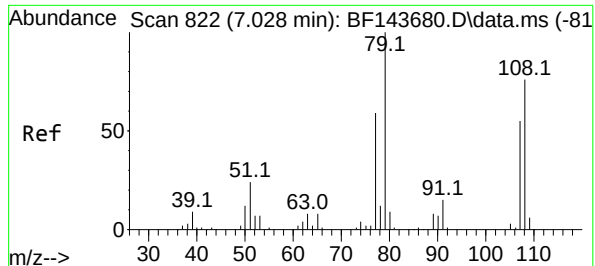
Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.4

111 41.7 32.3 48.5





#15

Benzyl Alcohol

Concen: 60.086 ng

RT: 7.028 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 15112

Ion Ratio Lower Upper

79 100

108 78.2 60.9 91.3

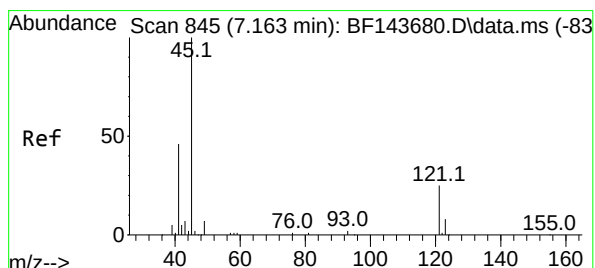
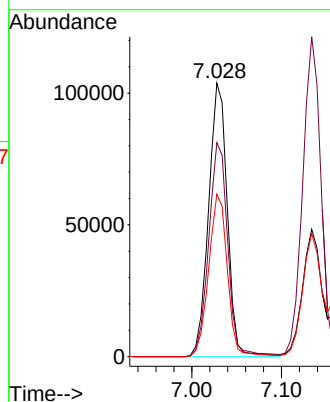
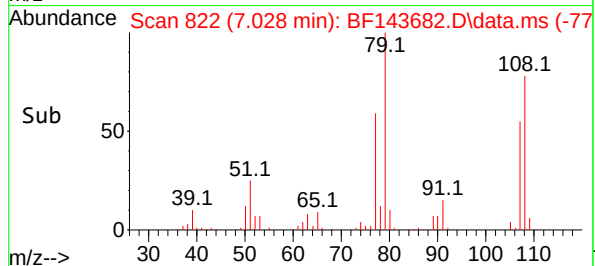
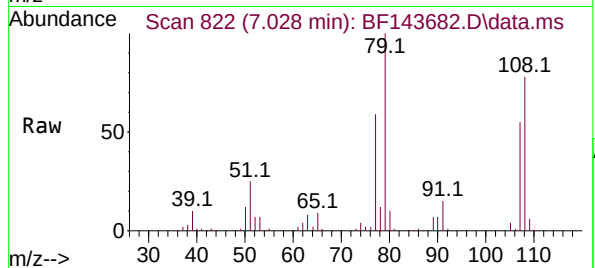
77 59.3 47.4 71.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.588 ng

RT: 7.163 min Scan# 845

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

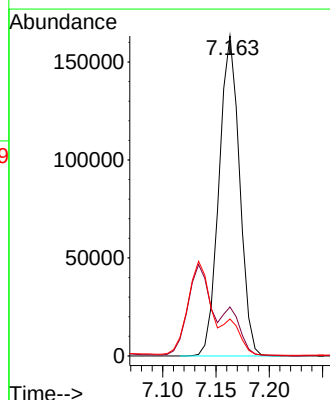
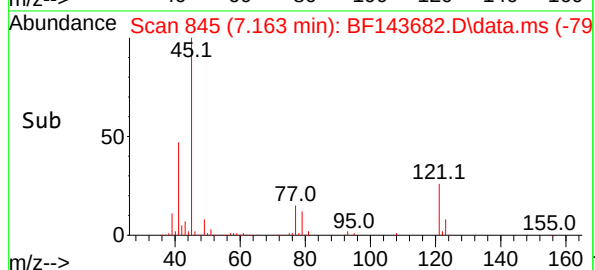
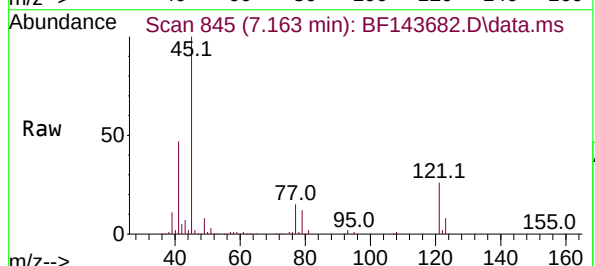
Tgt Ion: 45 Resp: 218801

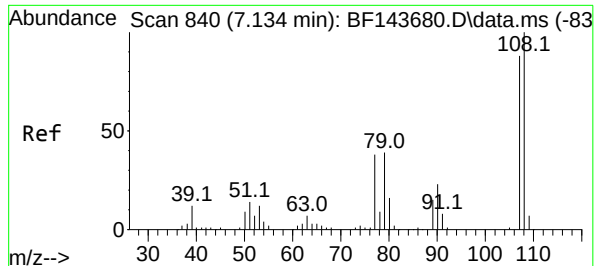
Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.6

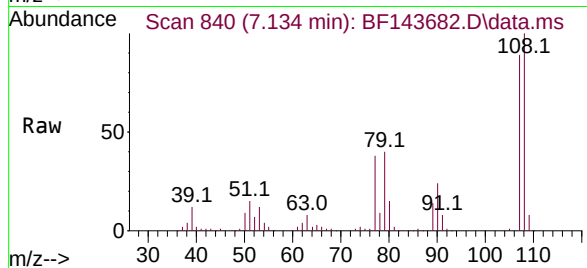
79 11.5 0.0 31.3





#17
2-Methylphenol
Concen: 61.195 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

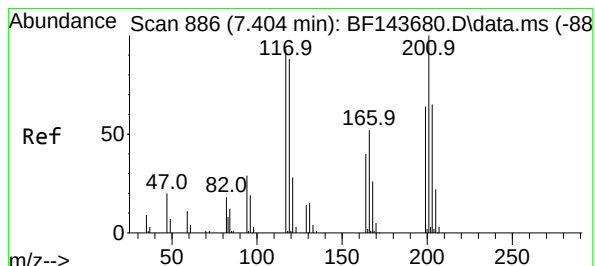
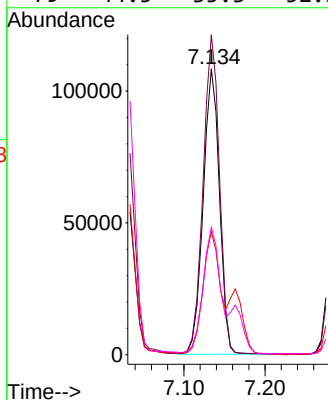
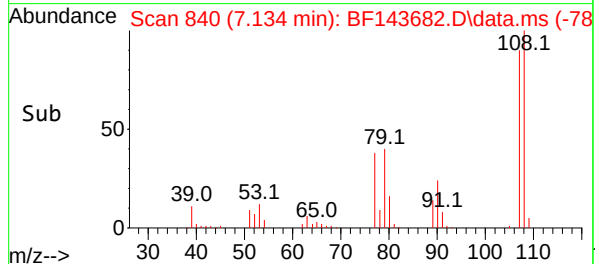
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 150972
Ion Ratio Lower Upper
107 100
108 112.0 90.9 136.3
77 43.0 34.4 51.6
79 44.5 35.3 52.9

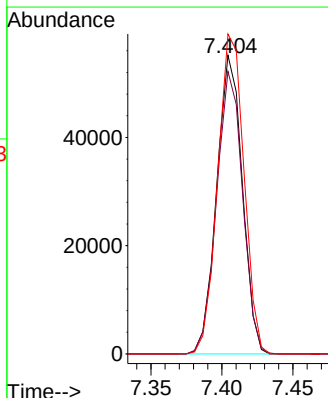
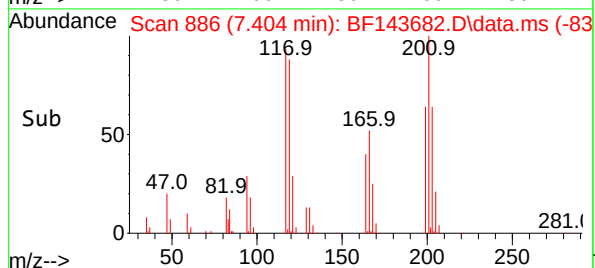
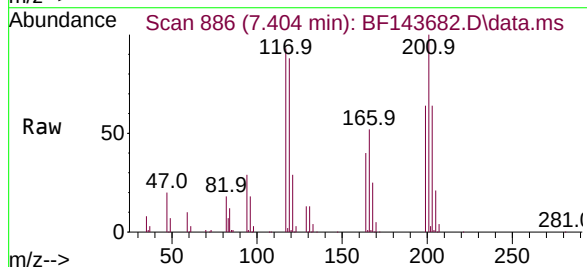
Manual Integrations
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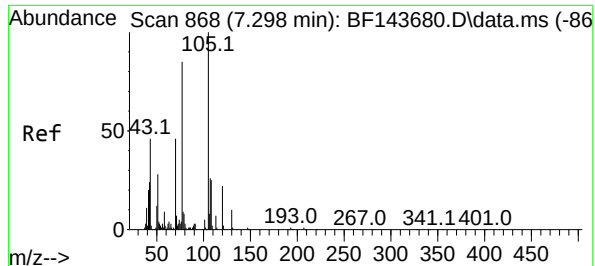
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#18
Hexachloroethane
Concen: 60.657 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Tgt Ion:117 Resp: 69370
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.2
201 107.2 86.4 129.6





#19

n-Nitroso-di-n-propylamine

Concen: 59.439 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 12622

Ion Ratio Lower Upper

70 100

42 50.4 41.4 62.2

101 10.0 8.1 12.1

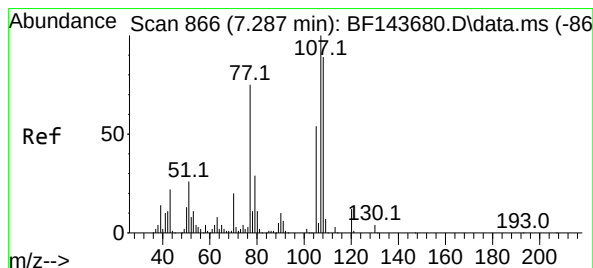
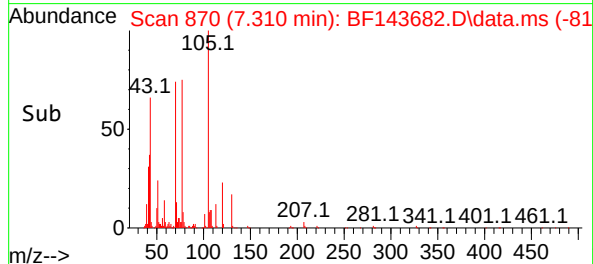
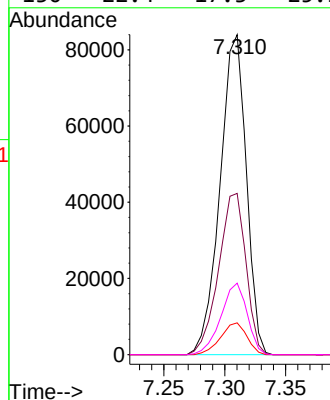
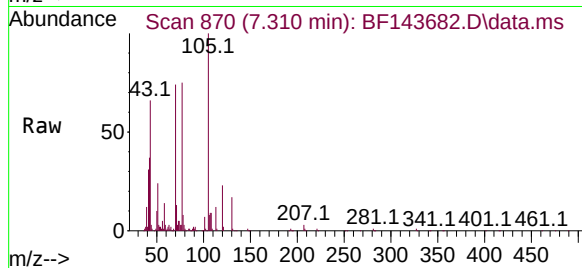
130 22.4 17.3 25.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#20

3+4-Methylphenols

Concen: 59.242 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Tgt Ion:107 Resp: 192470

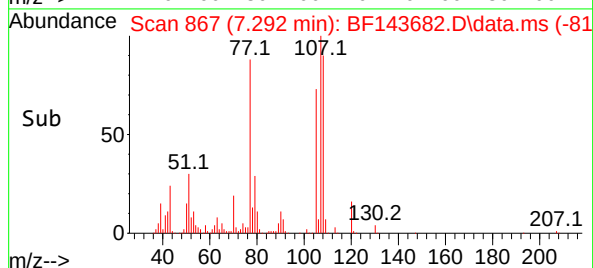
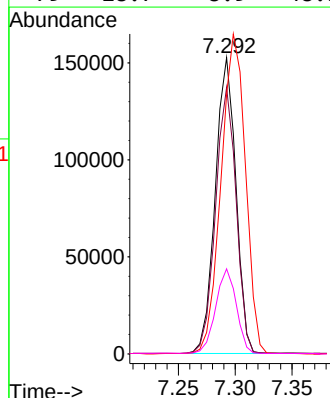
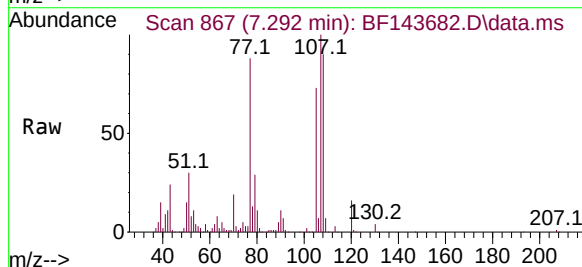
Ion Ratio Lower Upper

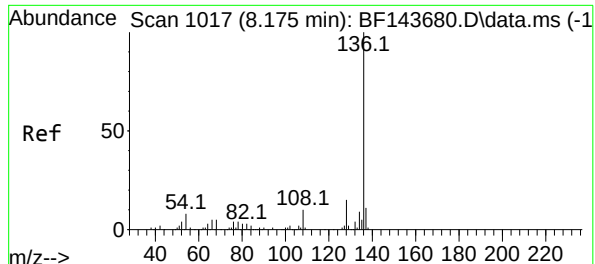
107 100

108 89.9 68.6 108.6

77 87.7 54.6 94.6

79 28.7 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

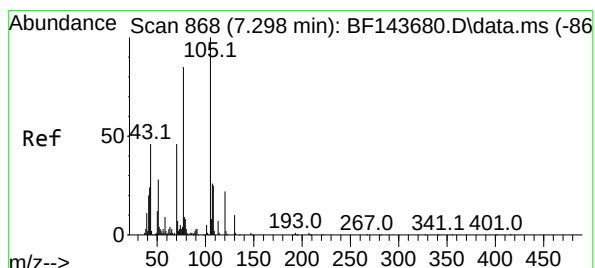
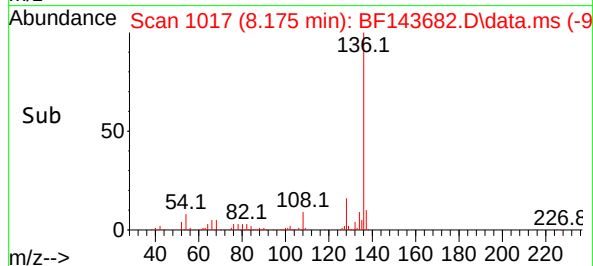
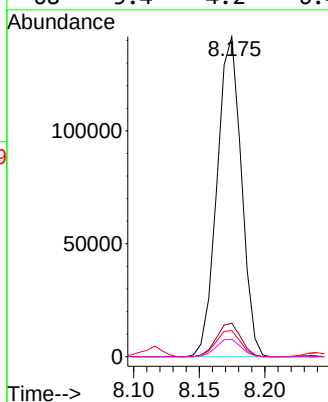
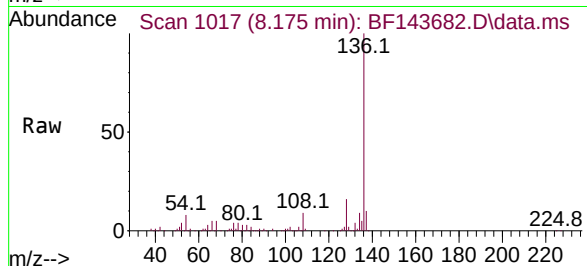
SSTDICC060

Tgt Ion:	136	Resp:	183405
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.7	13.1
54	8.1	6.2	9.2
68	5.4	4.2	6.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#22

Acetophenone

Concen: 59.456 ng

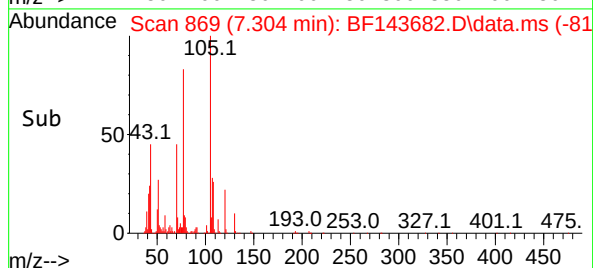
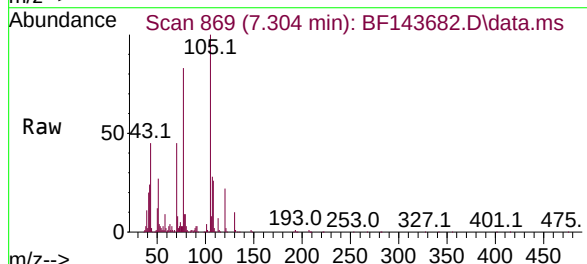
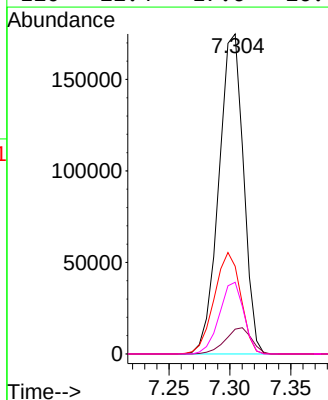
RT: 7.304 min Scan# 869

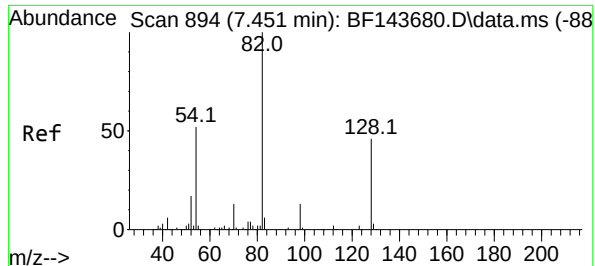
Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Tgt Ion:	105	Resp:	246281
Ion Ratio	Lower	Upper	
105	100		
71	7.7	5.9	8.9
51	27.4	22.4	33.6
120	22.4	17.6	26.4





#23

Nitrobenzene-d5

Concen: 124.798 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 36798

Ion Ratio Lower Upper

82 100

128 46.0 37.0 55.4

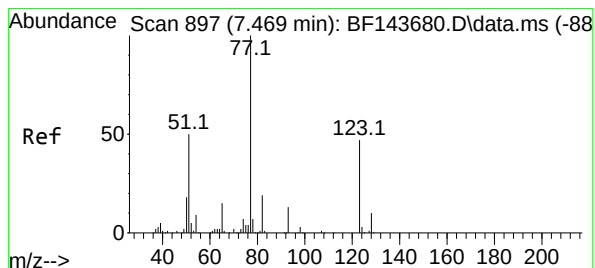
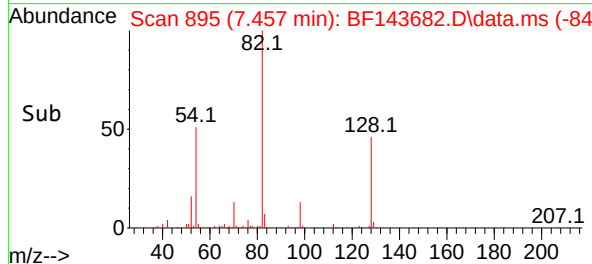
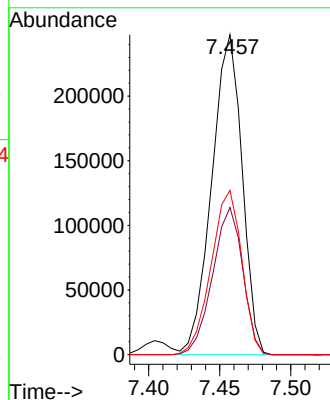
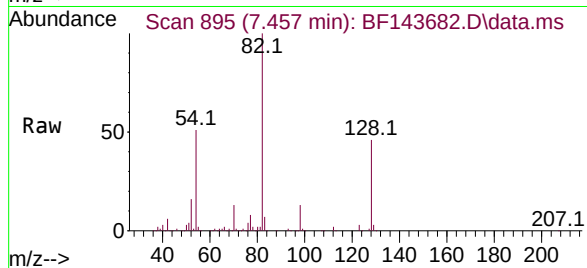
54 51.3 41.8 62.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#24

Nitrobenzene

Concen: 60.559 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

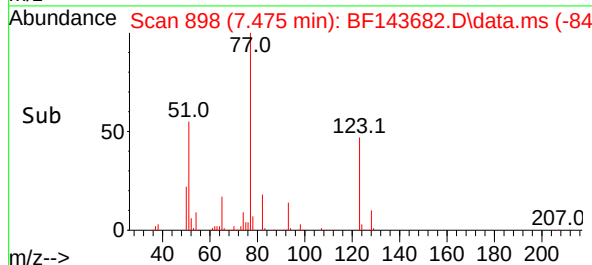
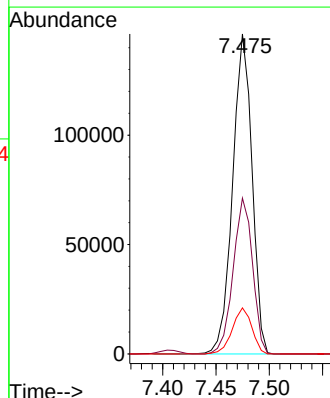
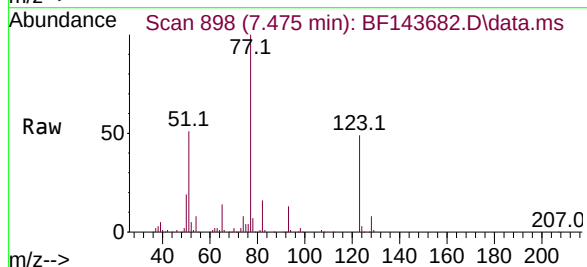
Tgt Ion: 77 Resp: 185150

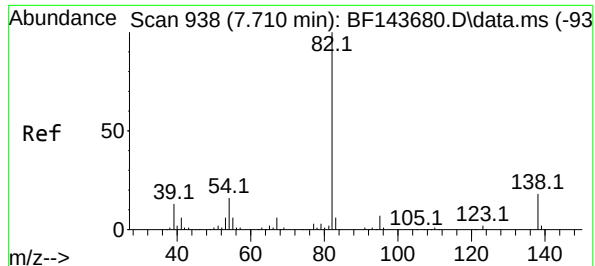
Ion Ratio Lower Upper

77 100

123 48.7 37.4 56.0

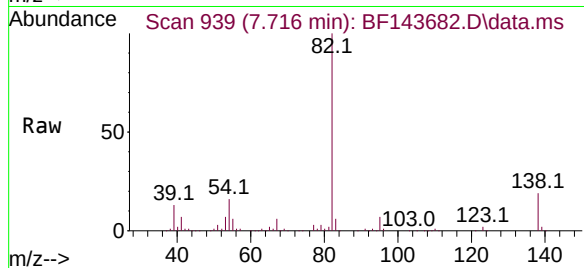
65 14.4 11.6 17.4





#25
Isophorone
Concen: 60.449 ng
RT: 7.716 min Scan# 938
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

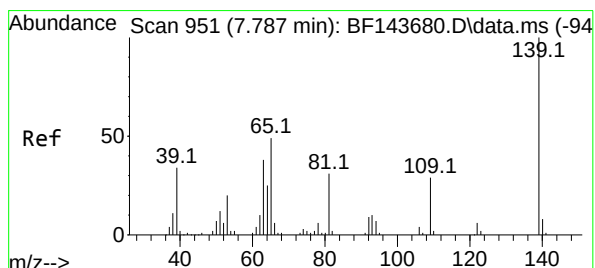
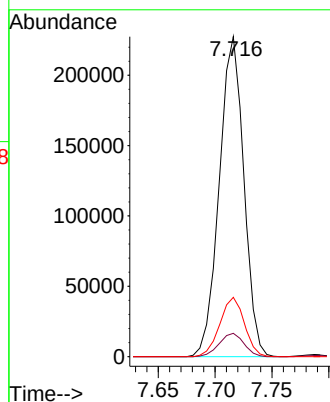
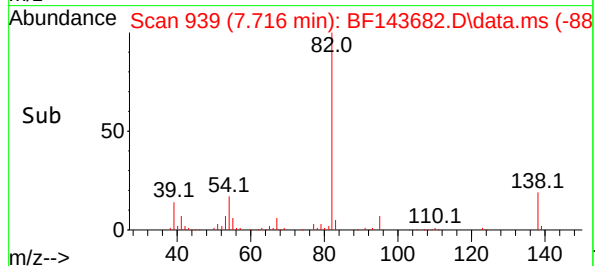
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 82 Resp: 341781
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.5 14.8 22.2

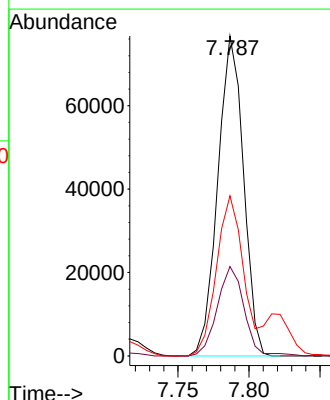
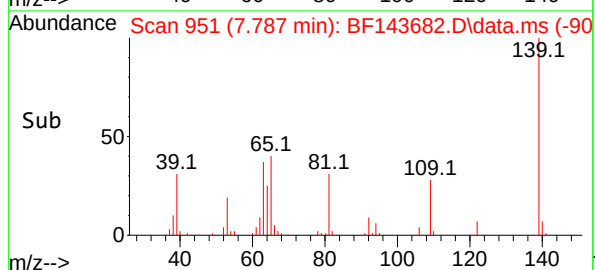
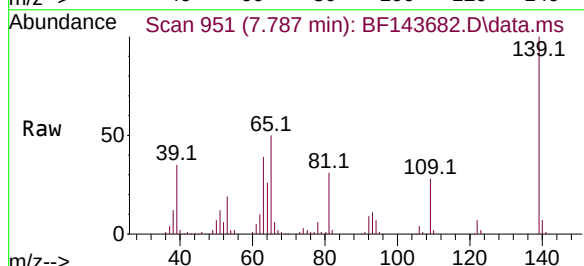
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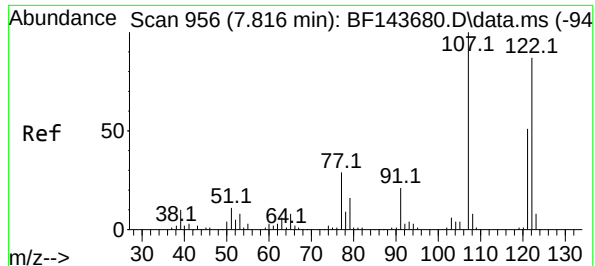
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 64.296 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Tgt Ion:139 Resp: 96651
Ion Ratio Lower Upper
139 100
109 27.9 22.8 34.2
65 50.0 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 60.941 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

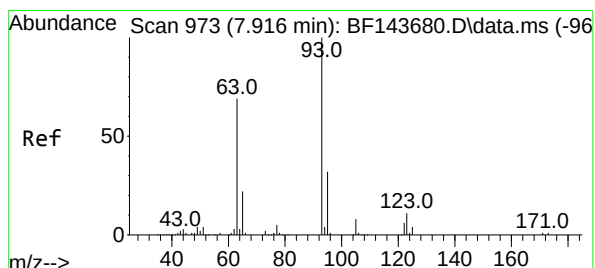
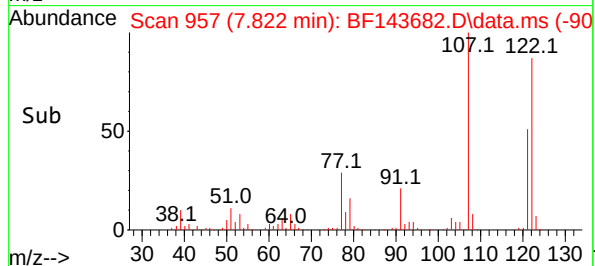
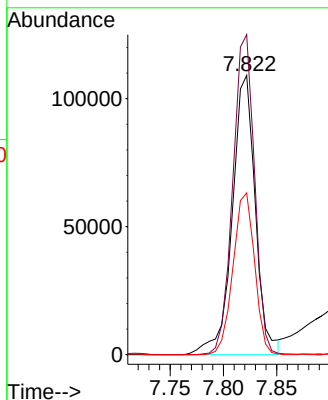
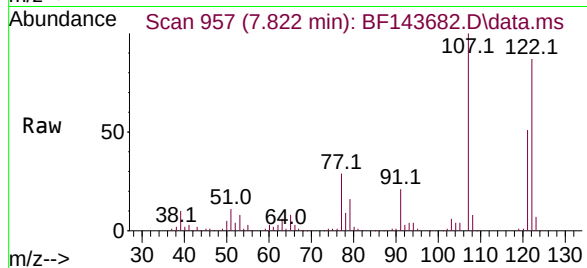
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.6	92.1	138.1
121	57.9	46.9	70.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#28

bis(2-Chloroethoxy)methane

Concen: 59.970 ng

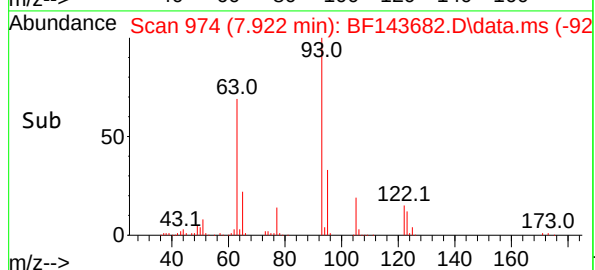
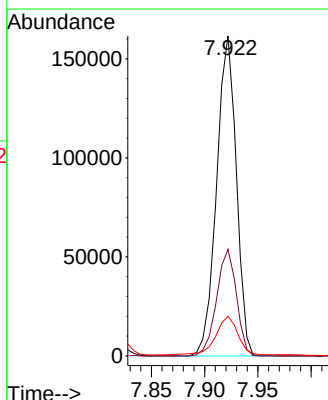
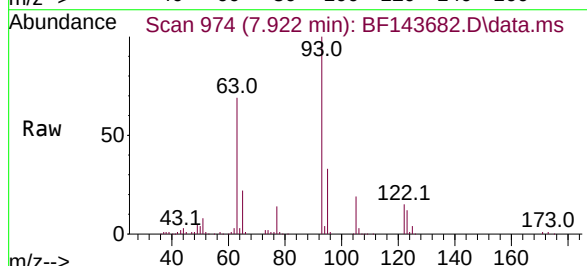
RT: 7.922 min Scan# 974

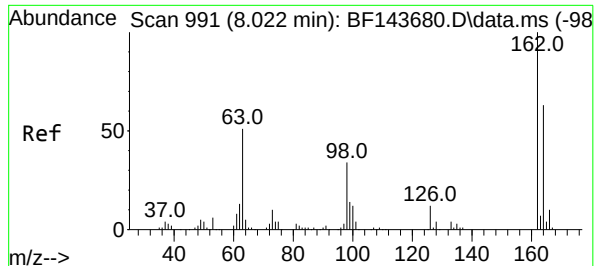
Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.0	39.0
123	12.4	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 60.401 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 163963

Ion Ratio Lower Upper

162 100

164 65.3 43.0 83.0

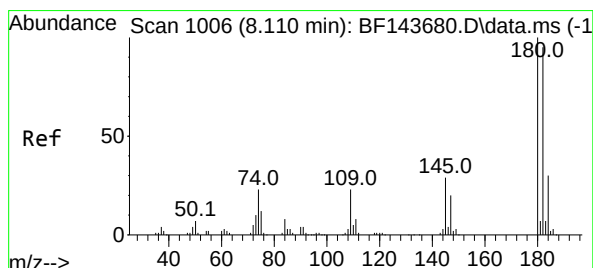
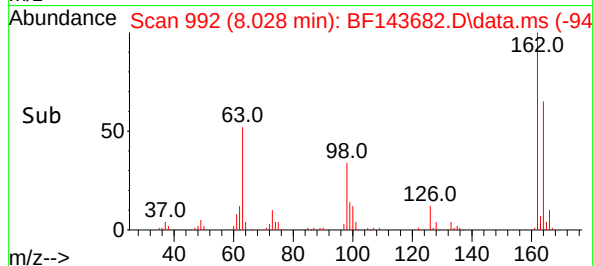
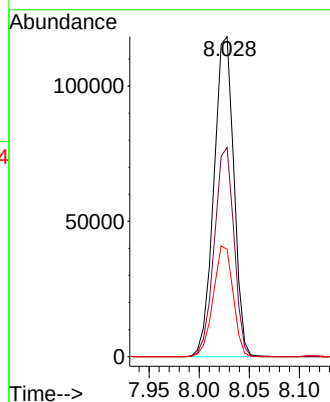
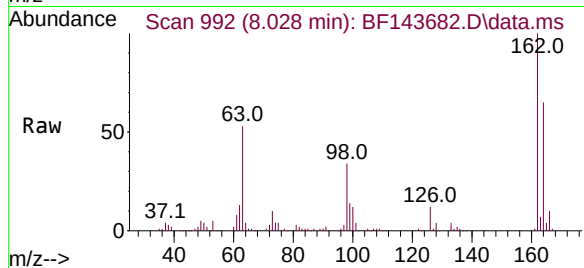
98 33.5 13.8 53.8

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 60.576 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

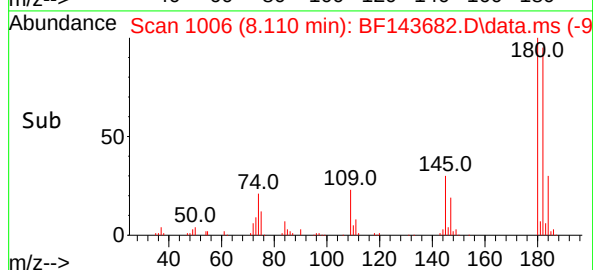
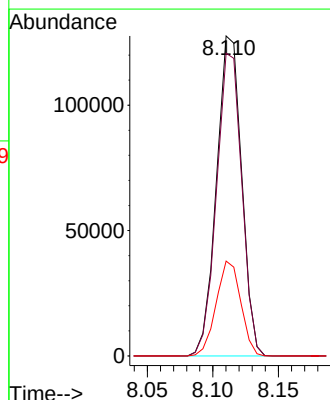
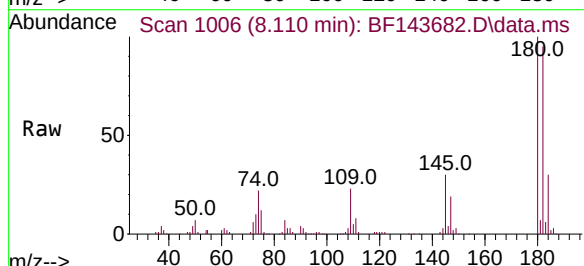
Tgt Ion:180 Resp: 170361

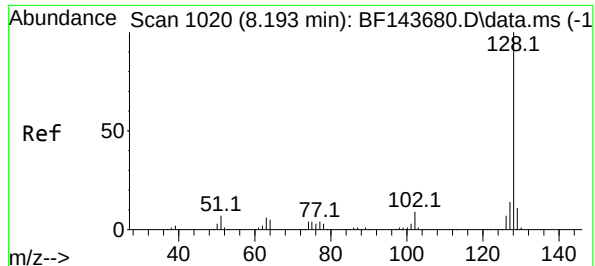
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.4

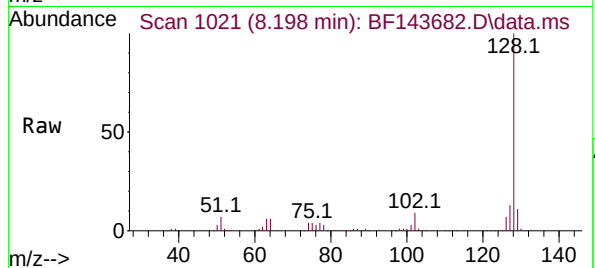
145 29.6 23.2 34.8





#31
Naphthalene
Concen: 59.797 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

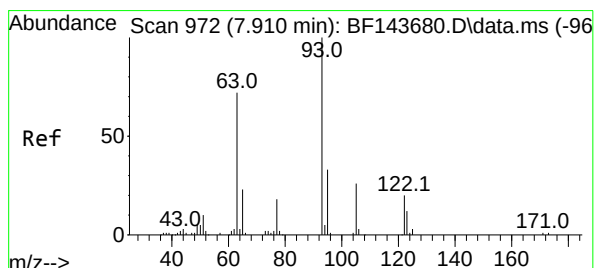
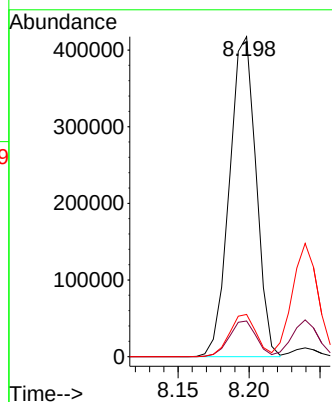
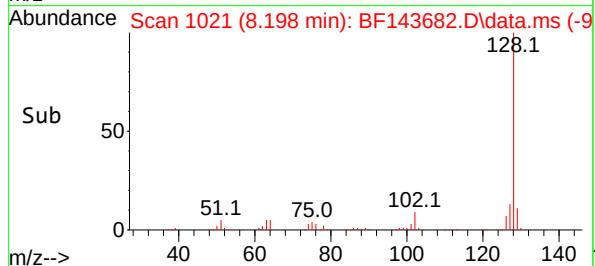
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 542906
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.9 16.3

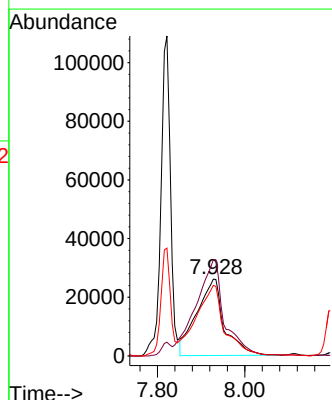
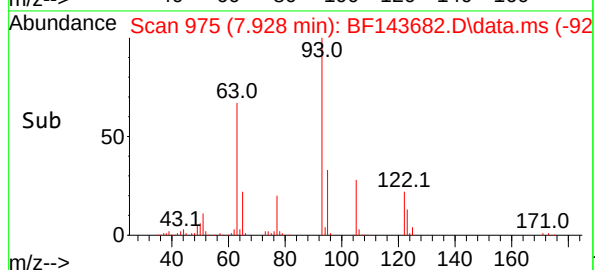
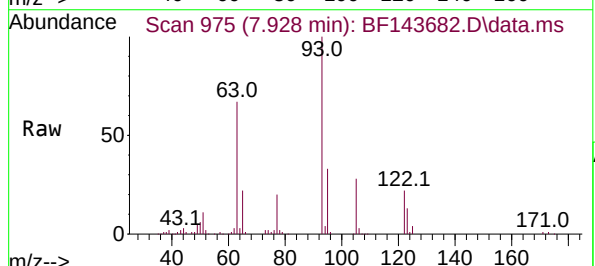
Manual Integrations
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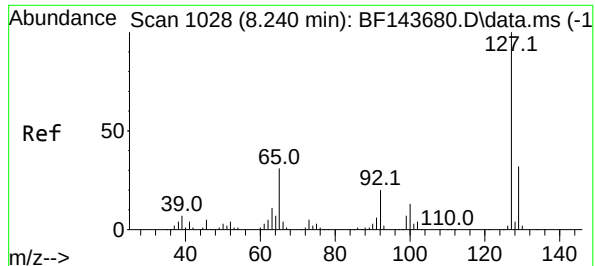
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#32
Benzoic acid
Concen: 69.326 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.018 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Tgt Ion:122 Resp: 114139
Ion Ratio Lower Upper
122 100
105 125.3 105.2 145.2
77 91.9 72.0 112.0





#33

4-Chloroaniline

Concen: 60.550 ng

RT: 8.239 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 19138

Ion Ratio Lower Upper

127 100

129 32.4 26.0 39.0

65 32.3 24.6 36.8

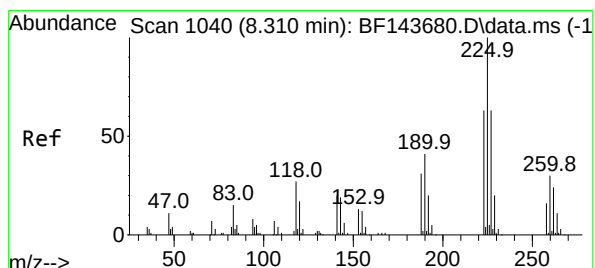
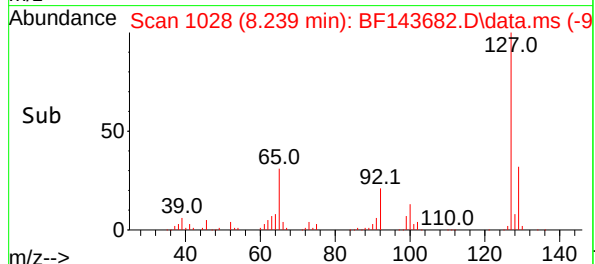
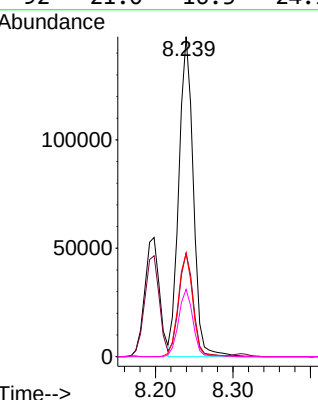
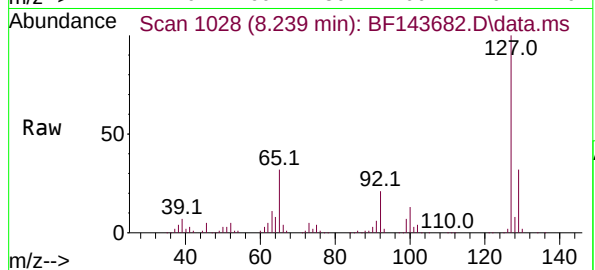
92 21.0 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#34

Hexachlorobutadiene

Concen: 60.795 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

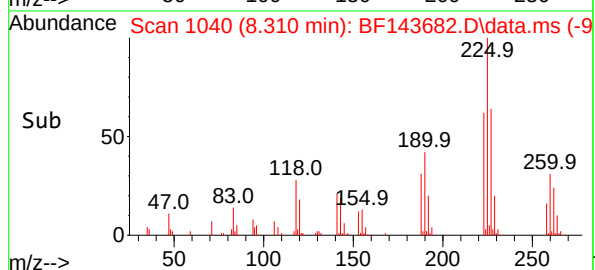
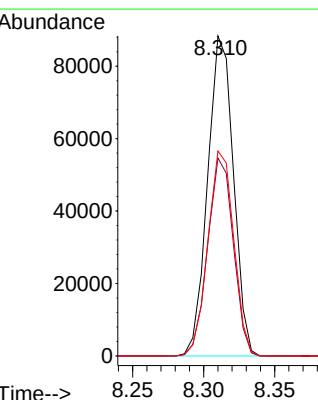
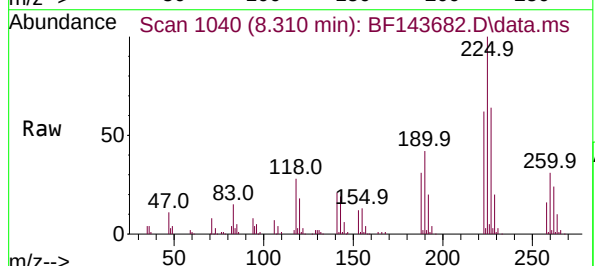
Tgt Ion:225 Resp: 111518

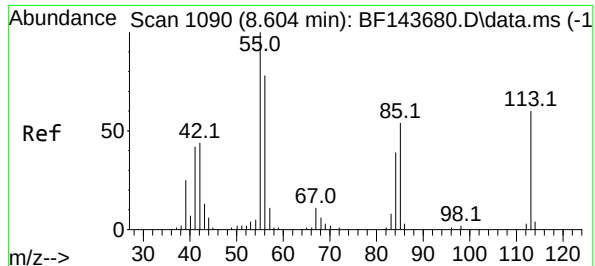
Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

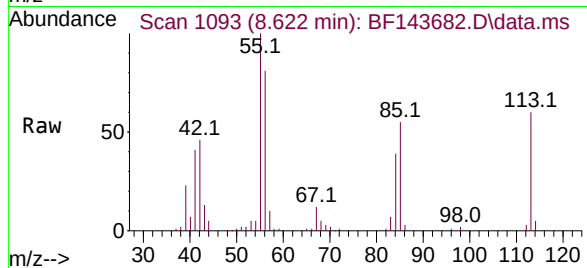
227 64.1 50.8 76.2





#35
Caprolactam
Concen: 61.695 ng
RT: 8.622 min Scan# 1093
Delta R.T. 0.018 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

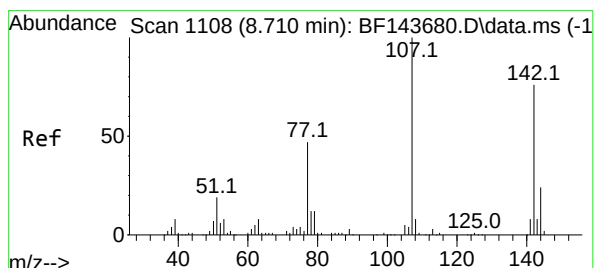
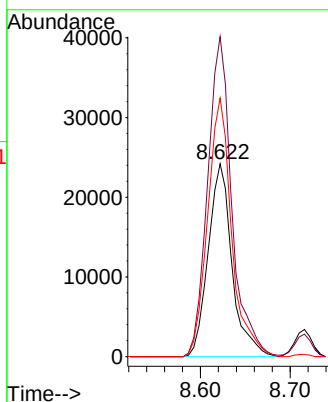
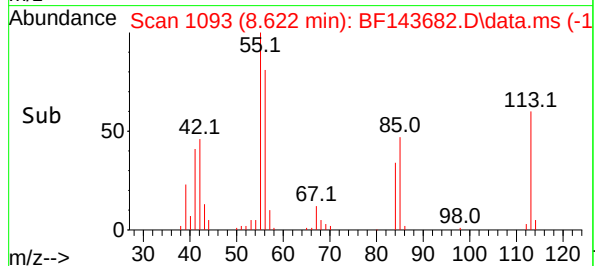
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



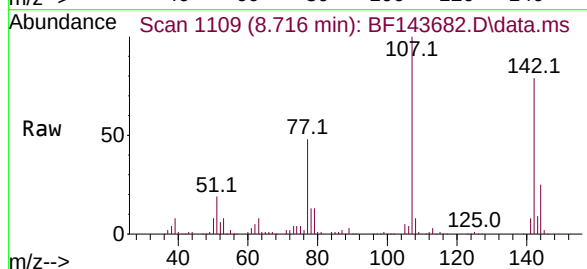
Tgt Ion:113 Resp: 44575
Ion Ratio Lower Upper
113 100
55 166.0 148.9 188.9
56 134.1 112.8 152.8

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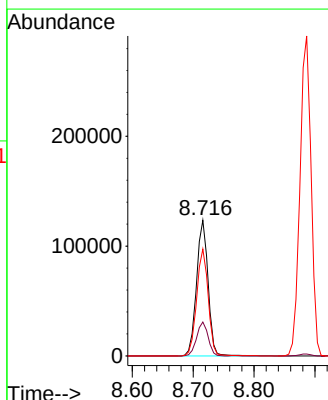
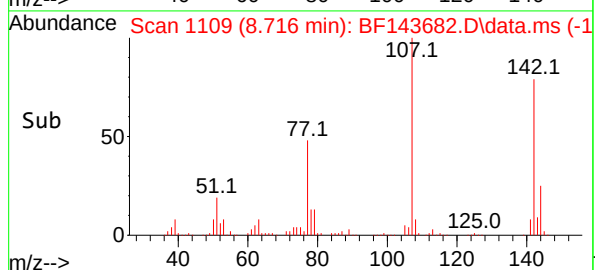
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

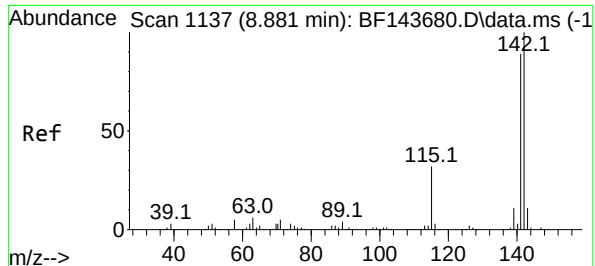


#36
4-Chloro-3-methylphenol
Concen: 60.766 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07



Tgt Ion:107 Resp: 162648
Ion Ratio Lower Upper
107 100
144 25.0 19.4 29.2
142 78.8 60.6 91.0





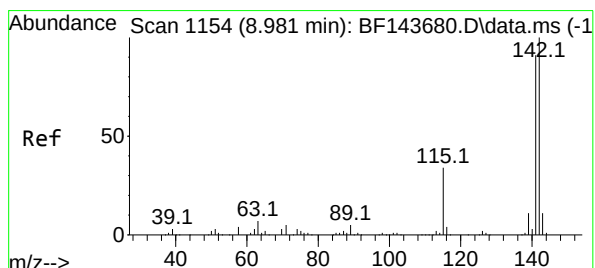
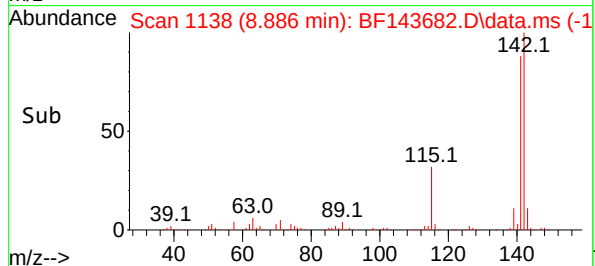
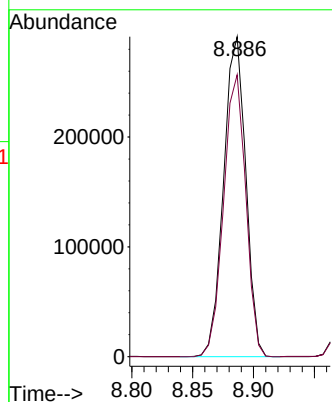
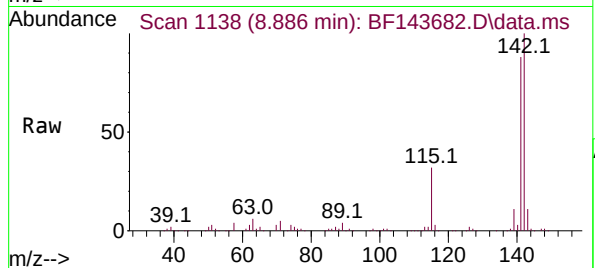
#37
2-Methylnaphthalene
Concen: 59.410 ng
RT: 8.886 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 369233
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7

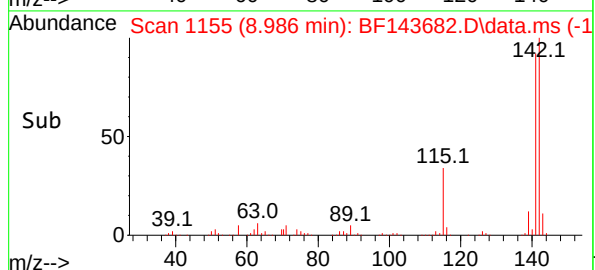
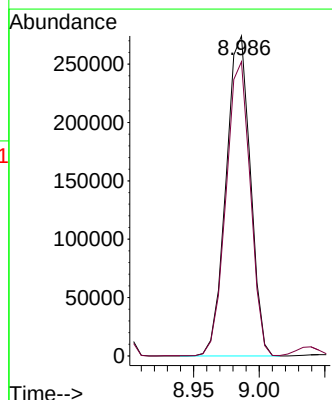
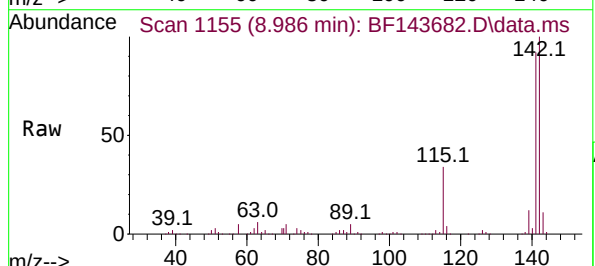
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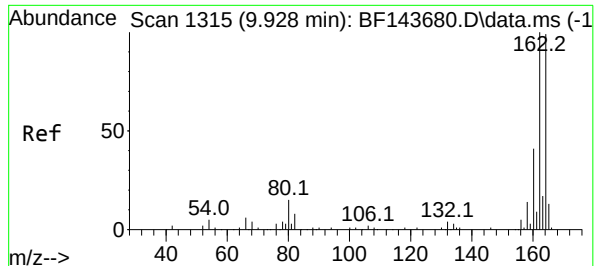
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#38
1-Methylnaphthalene
Concen: 59.446 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Tgt Ion:142 Resp: 354559
Ion Ratio Lower Upper
142 100
141 91.9 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF143682.D

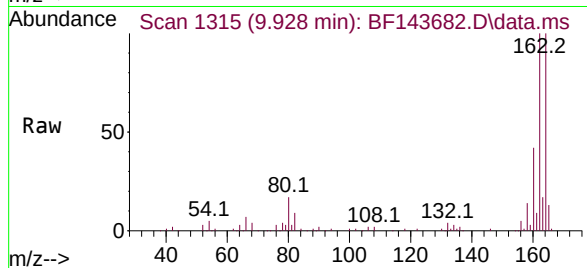
Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:164 Resp: 104999

Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

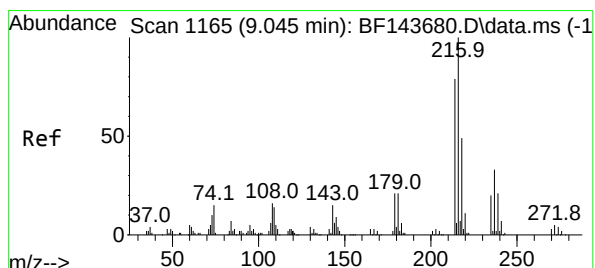
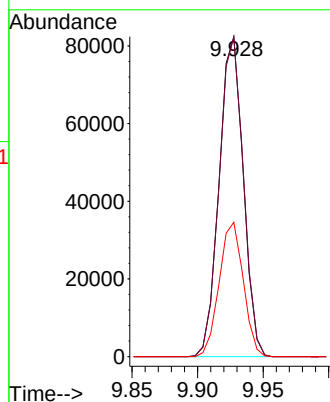
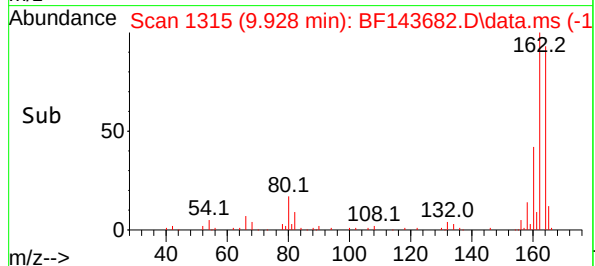
160 42.0 33.0 49.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#40

1,2,4,5-Tetrachlorobenzene

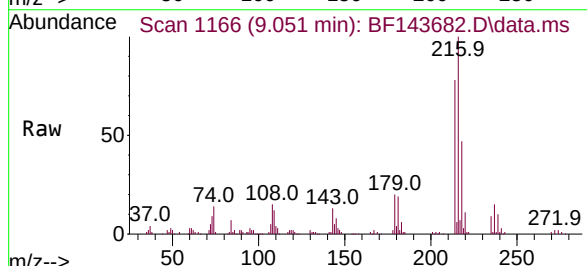
Concen: 60.149 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07



Tgt Ion:216 Resp: 180805

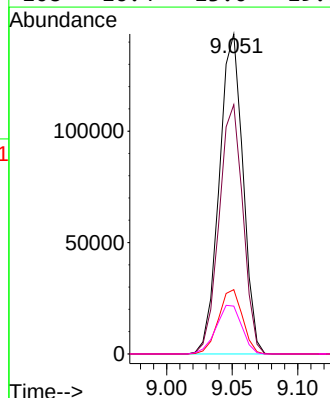
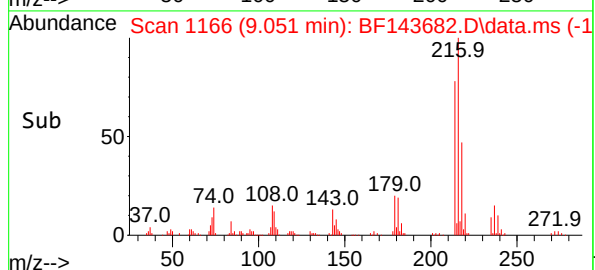
Ion Ratio Lower Upper

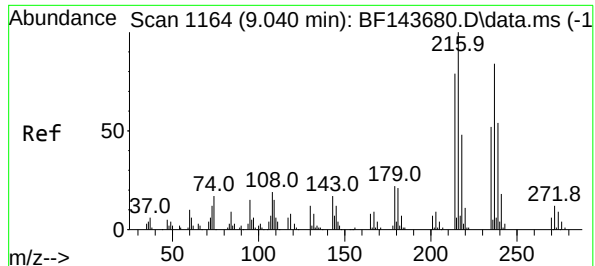
216 100

214 78.3 63.2 94.8

179 20.4 16.8 25.2

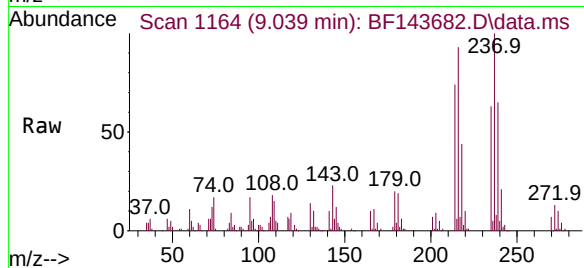
108 16.4 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 62.308 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

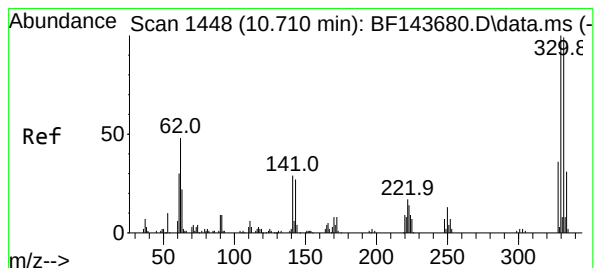
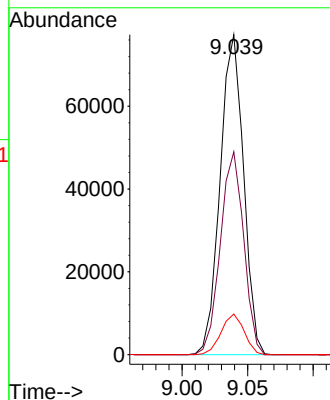
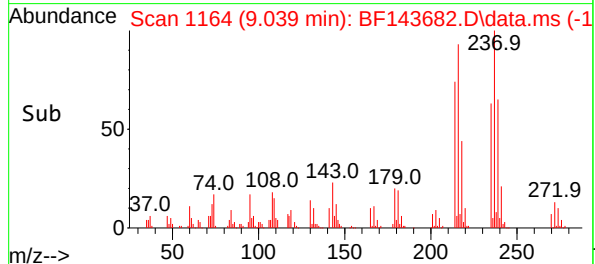
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



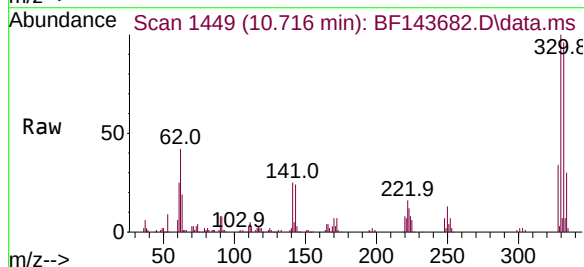
Tgt Ion: 237 Resp: 96156
Ion Ratio Lower Upper
237 100
235 63.4 41.6 81.6
272 12.7 0.0 33.9

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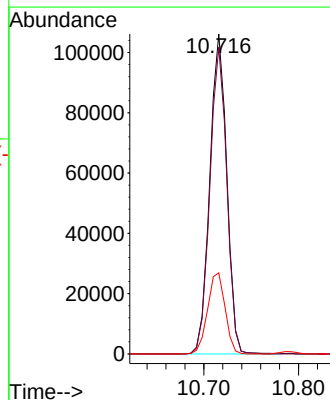
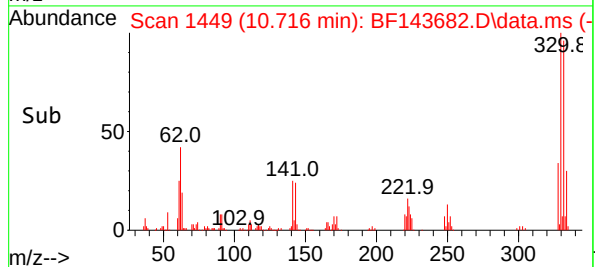
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

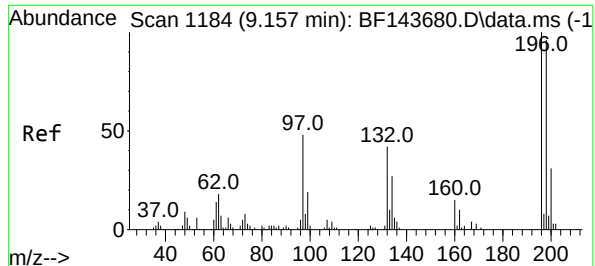


#42
2,4,6-Tribromophenol
Concen: 124.936 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07



Tgt Ion: 330 Resp: 132201
Ion Ratio Lower Upper
330 100
332 95.3 79.2 118.8
141 26.1 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 60.113 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF143682.D

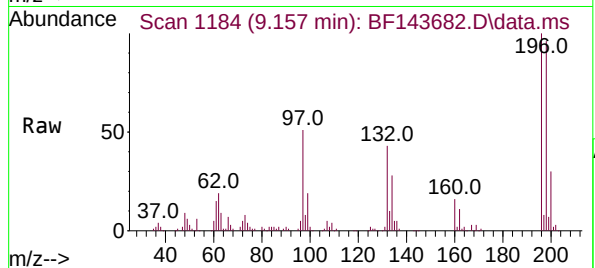
Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:196 Resp: 120659

Ion Ratio Lower Upper

196 100

198 96.1 76.5 114.7

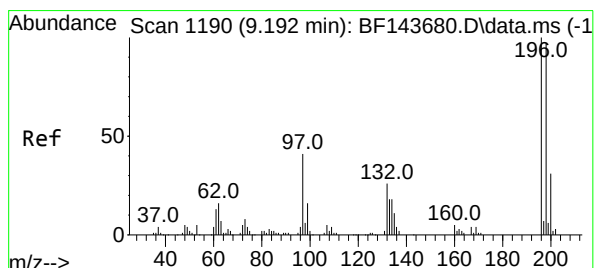
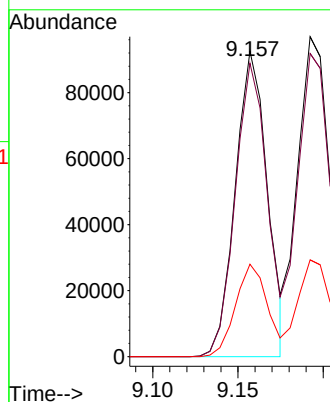
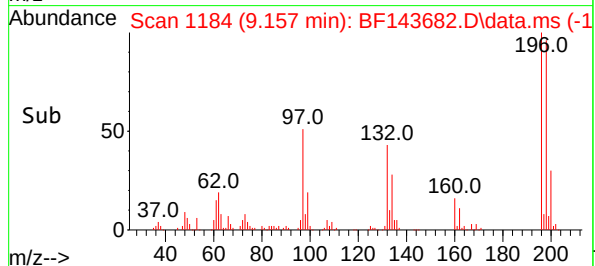
200 30.2 24.5 36.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#44

2,4,5-Trichlorophenol

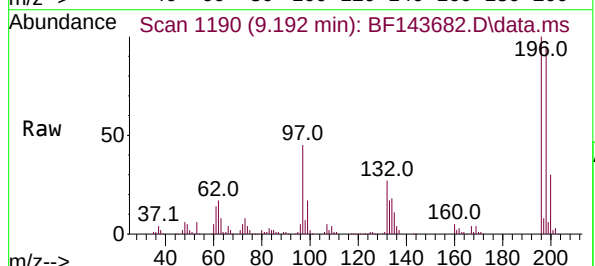
Concen: 63.063 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07



Tgt Ion:196 Resp: 128683

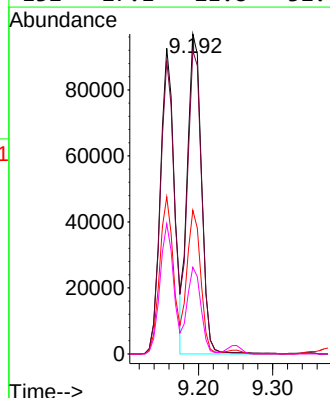
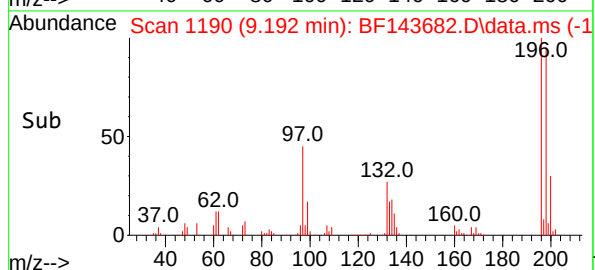
Ion Ratio Lower Upper

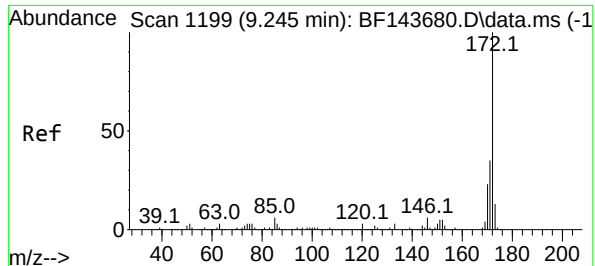
196 100

198 94.7 77.0 115.6

97 44.9 34.2 51.4

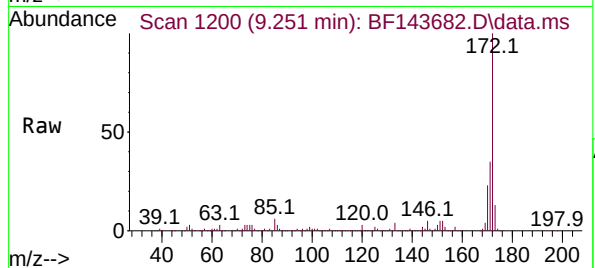
132 27.1 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 116.581 ng
RT: 9.251 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

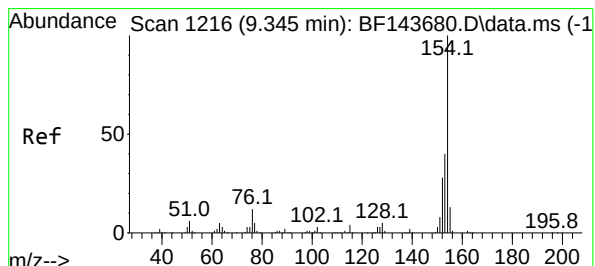
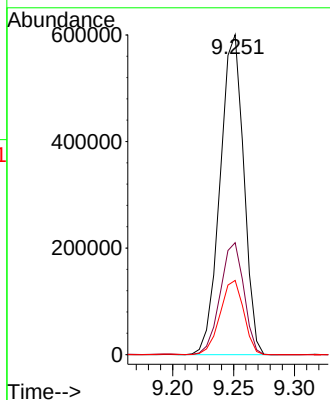
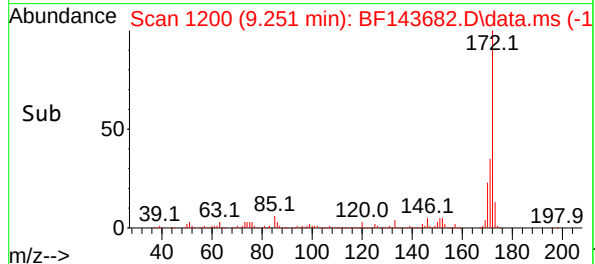
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:172 Resp: 810323
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.2 18.6 27.8

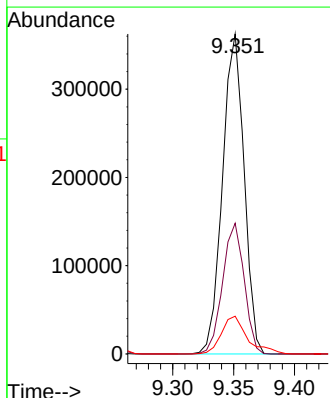
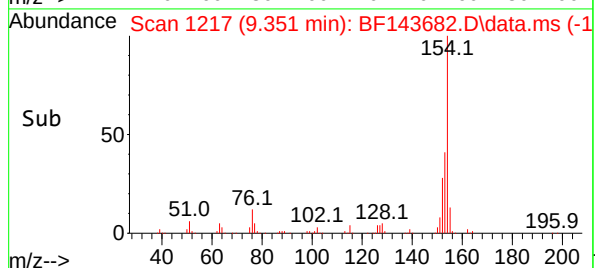
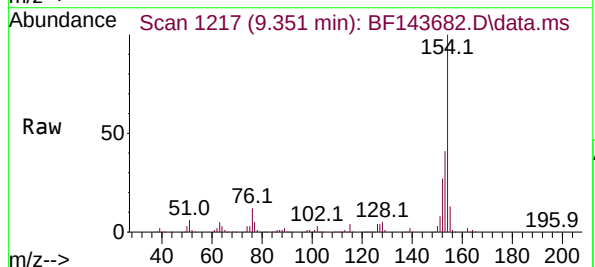
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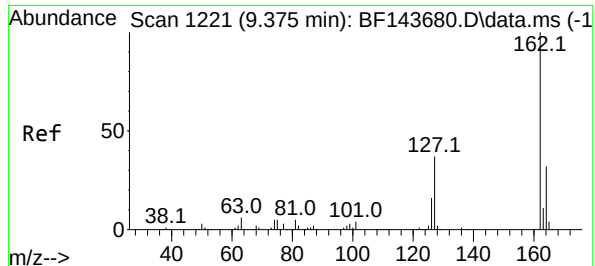
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#46
1,1'-Biphenyl
Concen: 59.190 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Tgt Ion:154 Resp: 447425
Ion Ratio Lower Upper
154 100
153 40.8 20.2 60.2
76 11.8 0.0 31.6





#47

2-Chloronaphthalene

Concen: 59.632 ng

RT: 9.375 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF143682.D

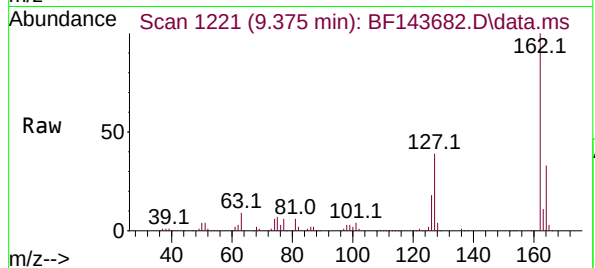
Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:162 Resp: 353378

Ion Ratio Lower Upper

162 100

127 38.9 30.6 45.8

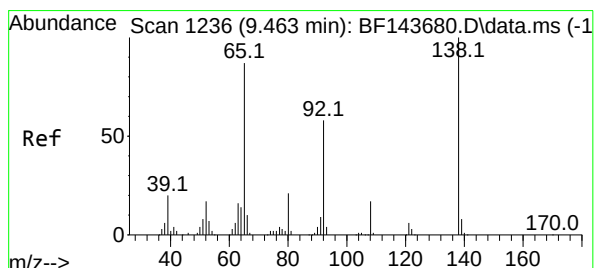
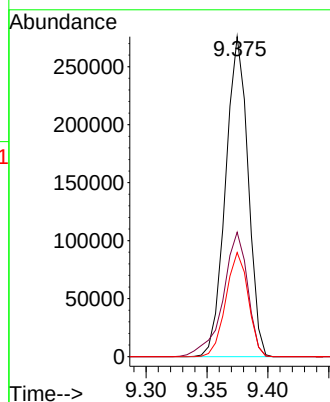
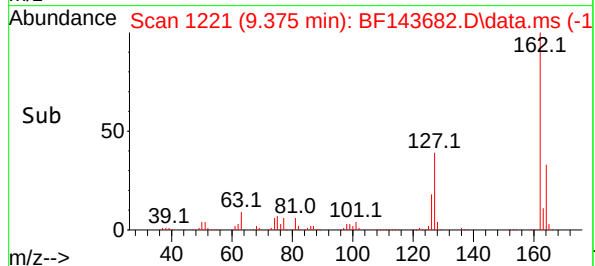
164 32.5 25.8 38.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#48

2-Nitroaniline

Concen: 62.161 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

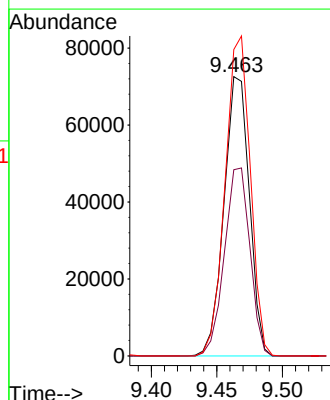
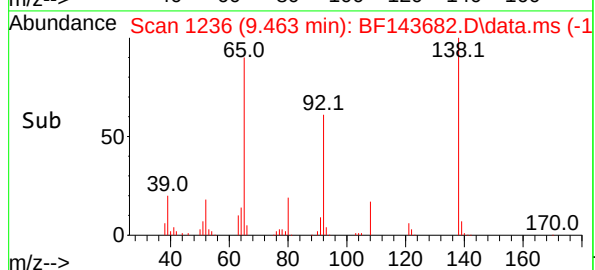
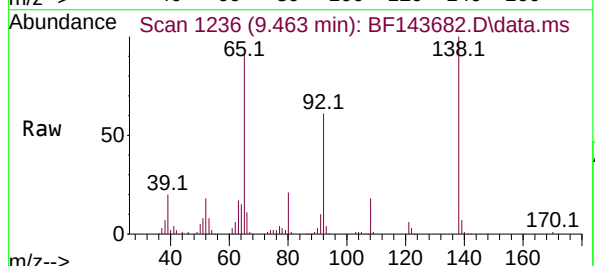
Tgt Ion: 65 Resp: 97484

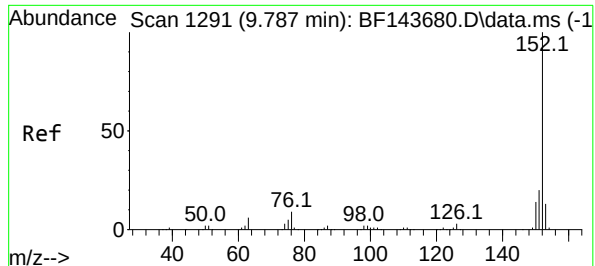
Ion Ratio Lower Upper

65 100

92 66.7 53.3 79.9

138 109.7 92.1 138.1





#49

Acenaphthylene

Concen: 60.170 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143682.D

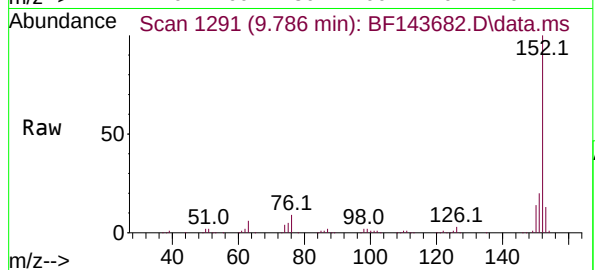
Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:152 Resp: 510762

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

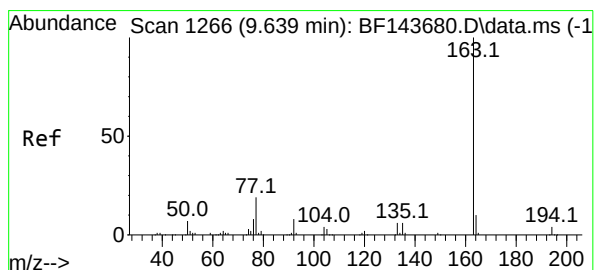
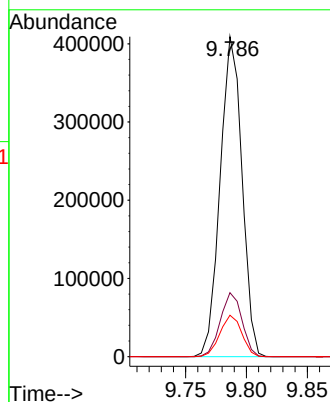
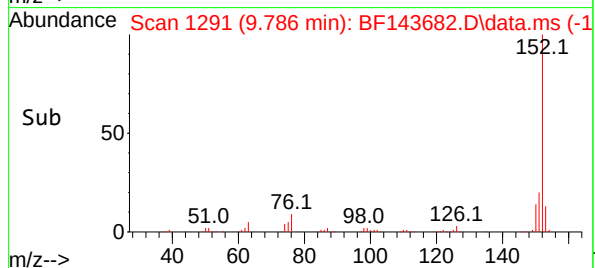
153 12.9 10.4 15.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/10/2025



#50

Dimethylphthalate

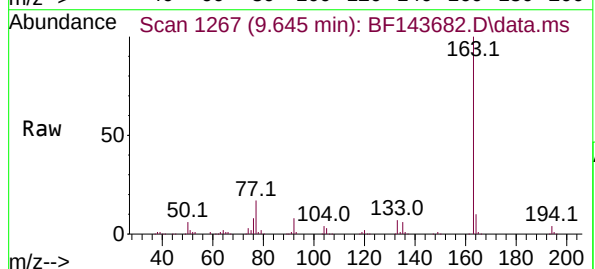
Concen: 59.961 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07



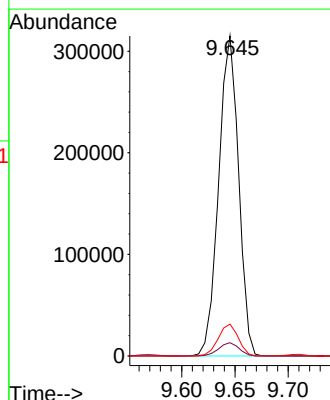
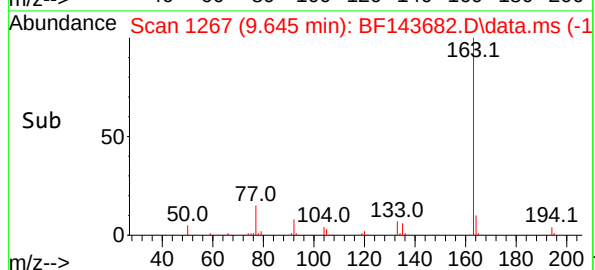
Tgt Ion:163 Resp: 409629

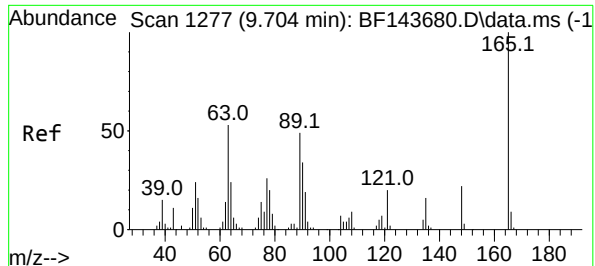
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

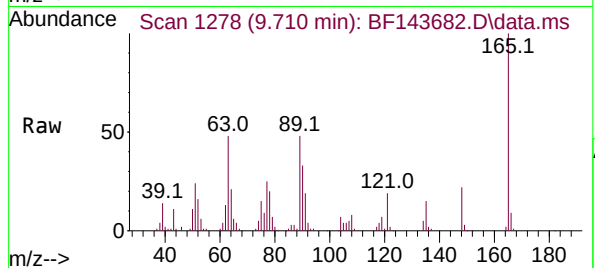
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 64.917 ng
RT: 9.710 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

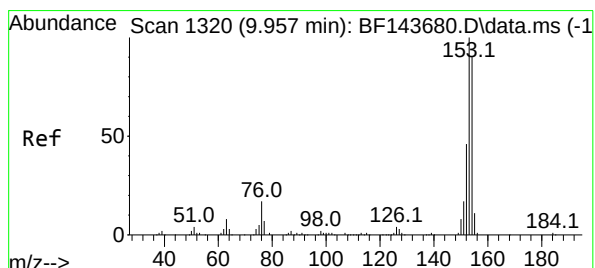
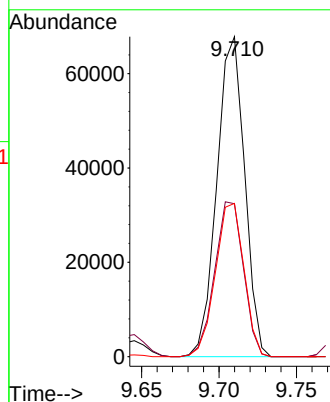
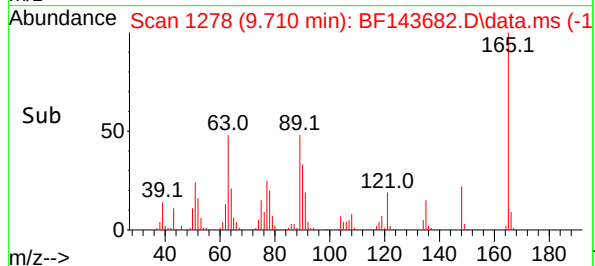
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 84793
Ion Ratio Lower Upper
165 100
63 47.8 42.2 63.4
89 47.9 39.3 58.9

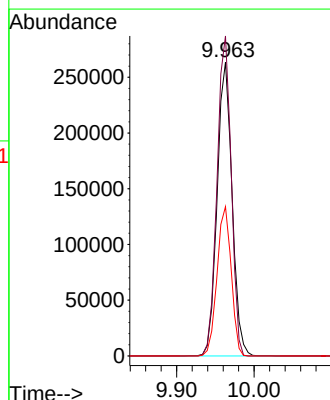
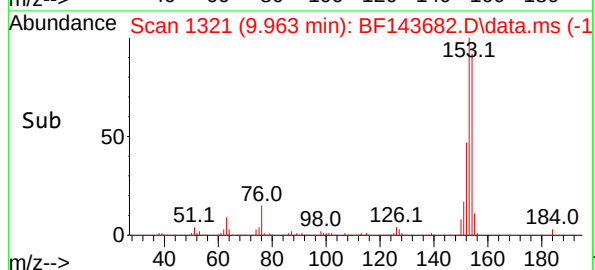
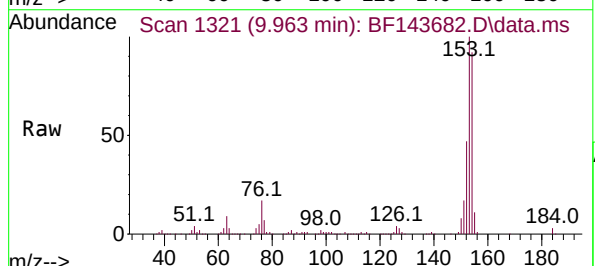
Manual Integrations
APPROVED

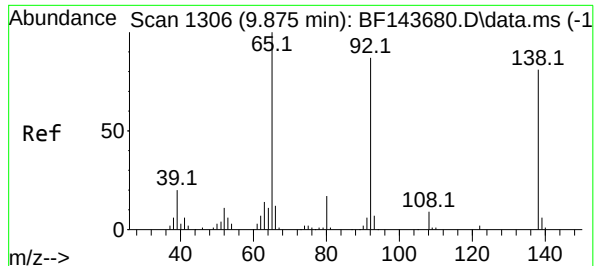
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#52
Acenaphthene
Concen: 60.318 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

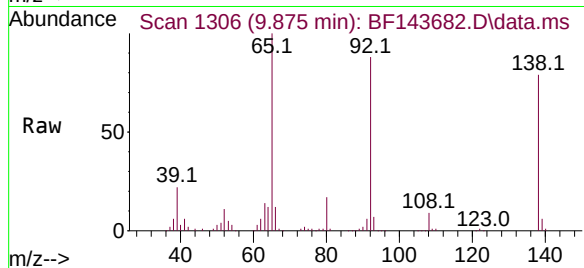
Tgt Ion:154 Resp: 352828
Ion Ratio Lower Upper
154 100
153 109.0 89.4 134.0
152 50.8 41.2 61.8





#53
3-Nitroaniline
Concen: 62.118 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

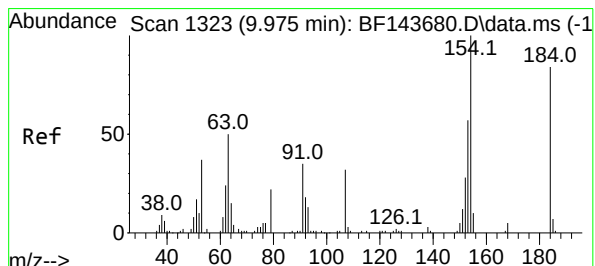
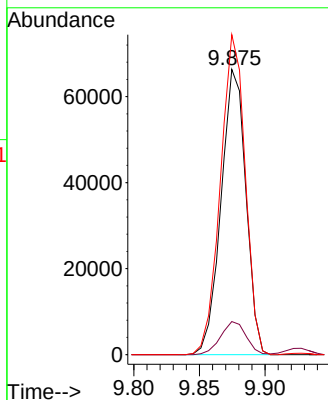
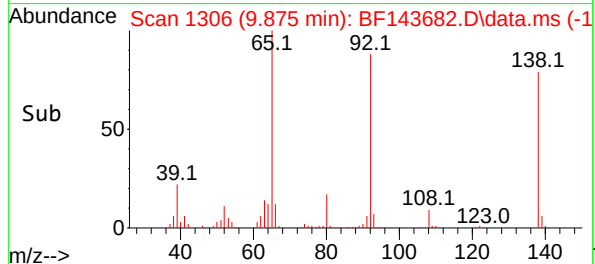
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 87317
Ion Ratio Lower Upper
138 100
108 11.6 8.6 12.8
92 112.2 85.5 128.3

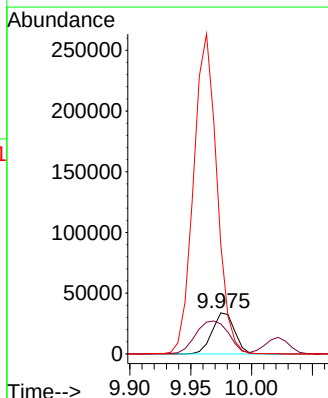
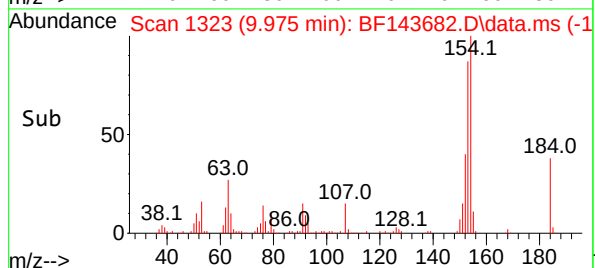
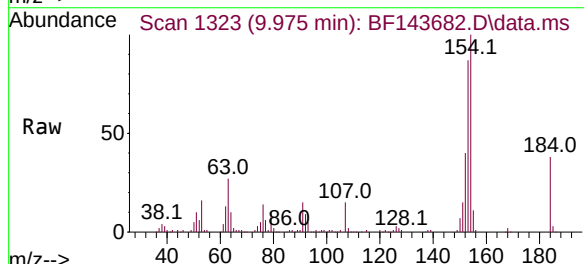
Manual Integrations
APPROVED

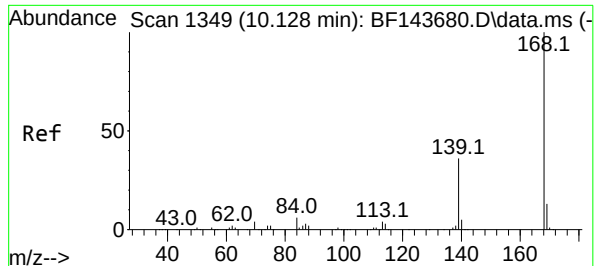
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#54
2,4-Dinitrophenol
Concen: 63.017 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Tgt Ion:184 Resp: 43384
Ion Ratio Lower Upper
184 100
63 72.8 52.7 79.1
154 266.6 136.6 204.8#





#55

Dibenzenofuran

Concen: 59.238 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF143682.D

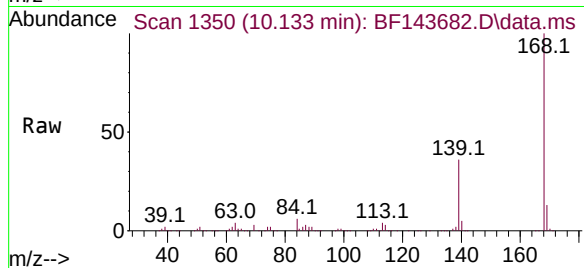
Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:168 Resp: 498262

Ion Ratio Lower Upper

168 100

139 35.6 29.0 43.4

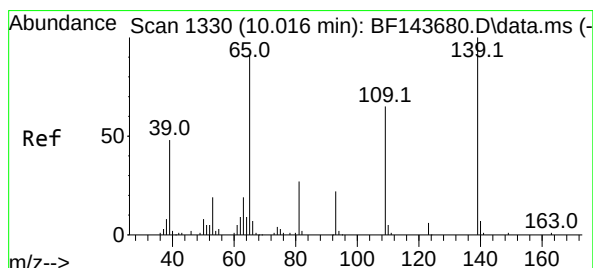
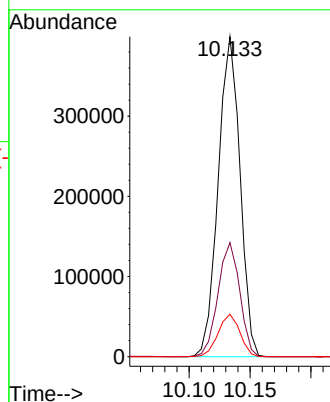
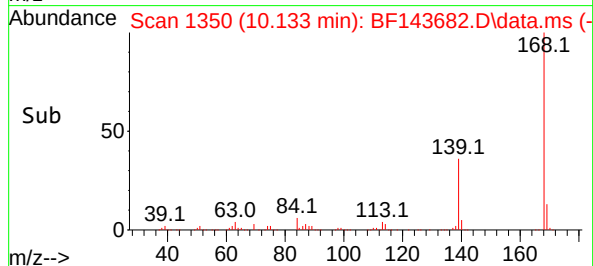
169 13.2 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#56

4-Nitrophenol

Concen: 62.137 ng

RT: 10.022 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

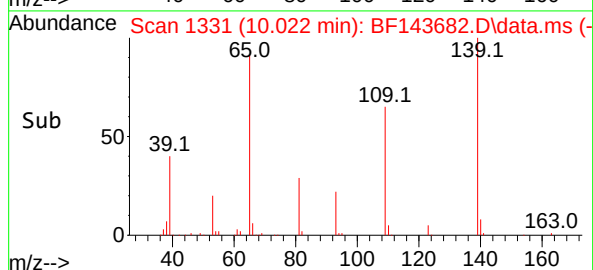
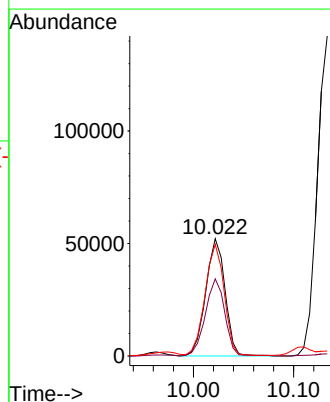
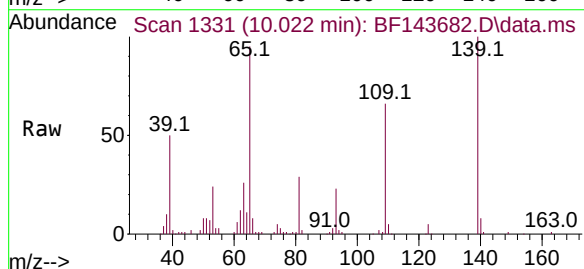
Tgt Ion:139 Resp: 69488

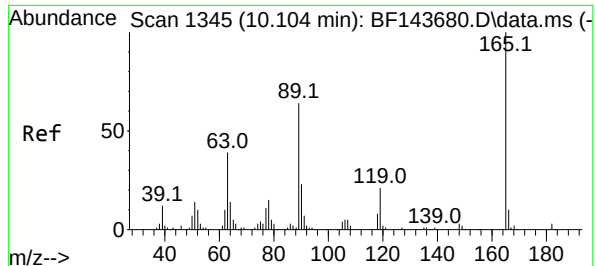
Ion Ratio Lower Upper

139 100

109 65.8 45.2 85.2

65 95.2 72.1 112.1





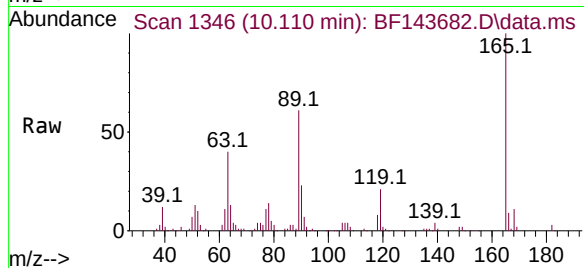
#57
2,4-Dinitrotoluene
Concen: 63.140 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

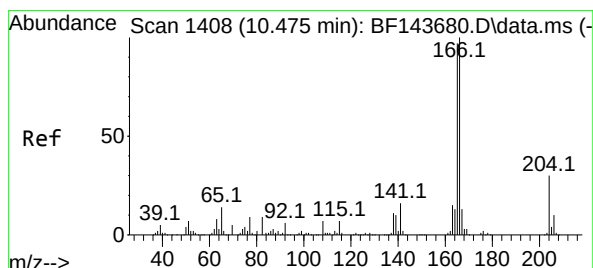
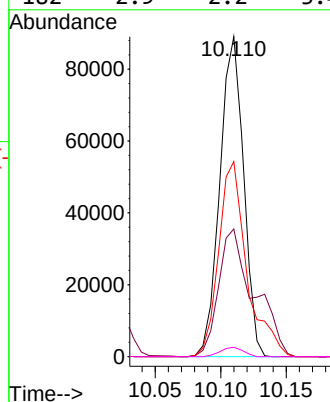
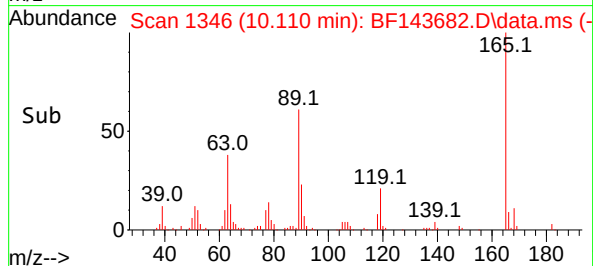


Tgt Ion:165 Resp: 112245
Ion Ratio Lower Upper
165 100
63 39.9 31.5 47.3
89 60.9 51.3 76.9
182 2.9 2.2 3.4

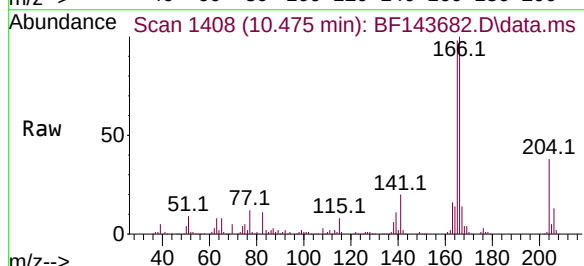
Manual Integrations

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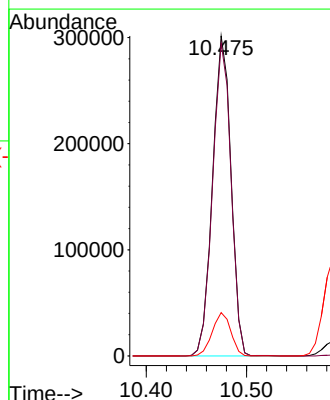
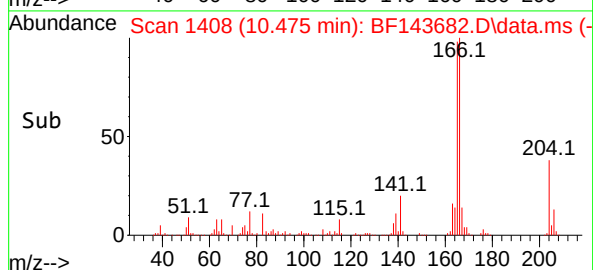
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

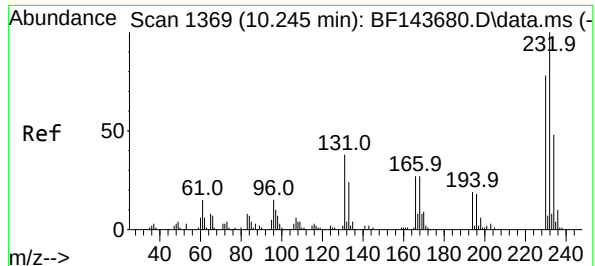


#58
Fluorene
Concen: 58.485 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07



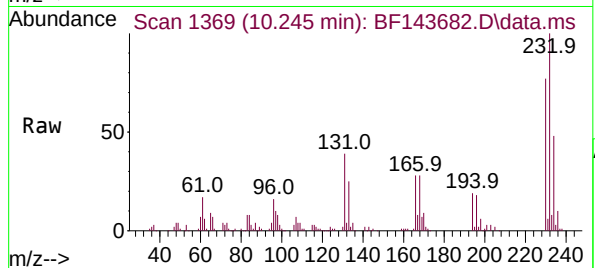
Tgt Ion:166 Resp: 385078
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.5 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 62.301 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

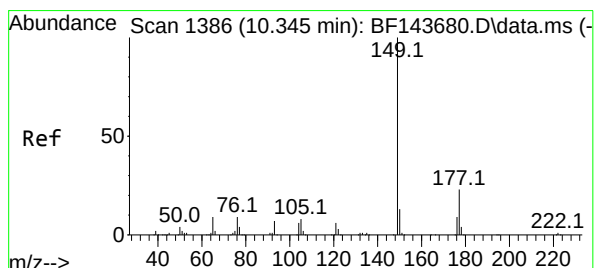
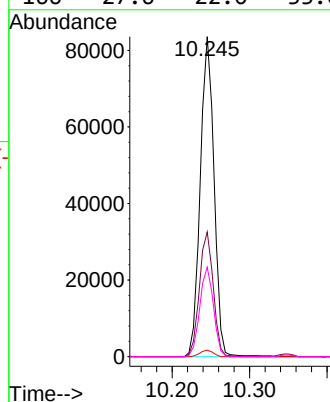
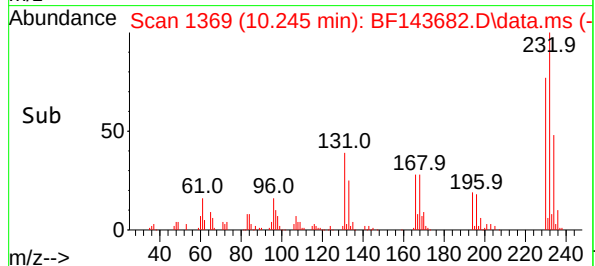
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



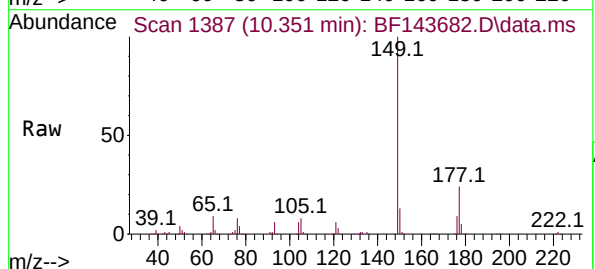
Tgt Ion:232 Resp: 103083
Ion Ratio Lower Upper
232 100
131 39.1 31.9 47.9
130 1.9 1.4 2.0
166 27.6 22.0 33.0

Manual Integrations
APPROVED

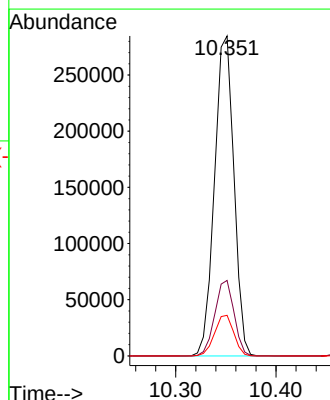
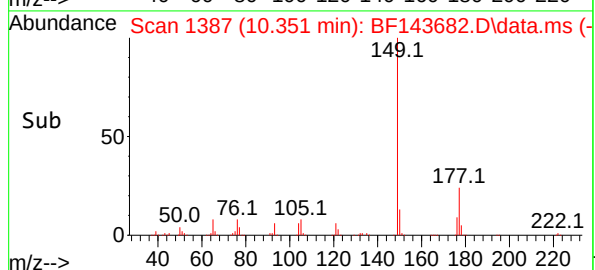
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

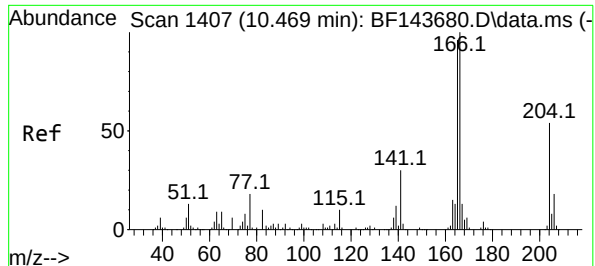


#60
Diethylphthalate
Concen: 59.833 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07



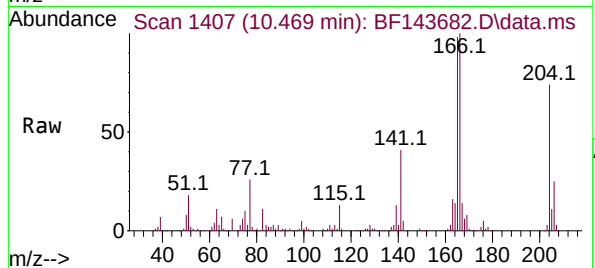
Tgt Ion:149 Resp: 383748
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.2
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 58.796 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

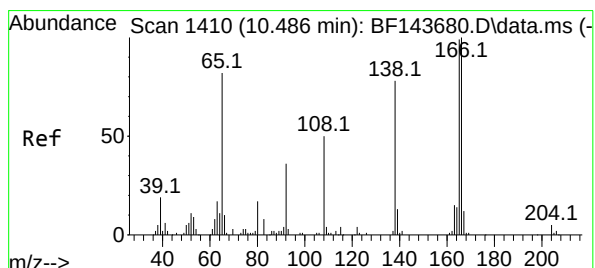
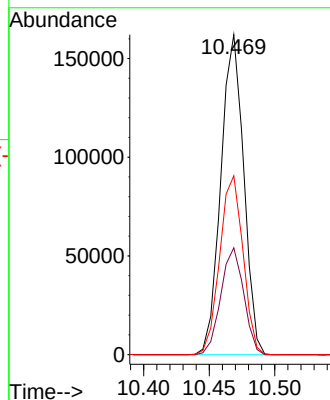
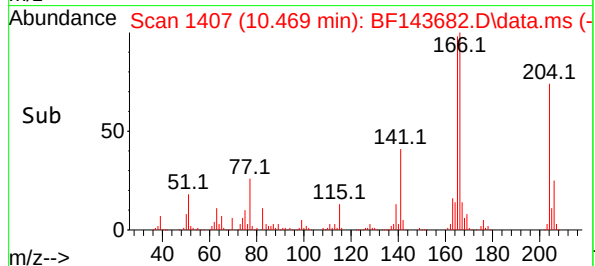
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



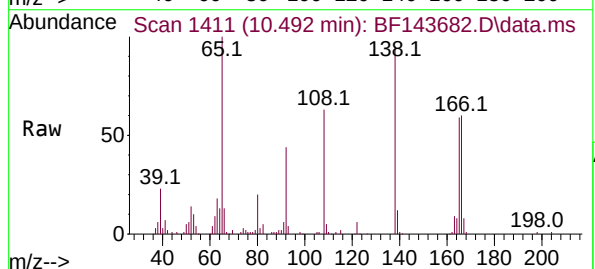
Tgt Ion:204 Resp: 196333
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 55.9 44.8 67.2

Manual Integrations
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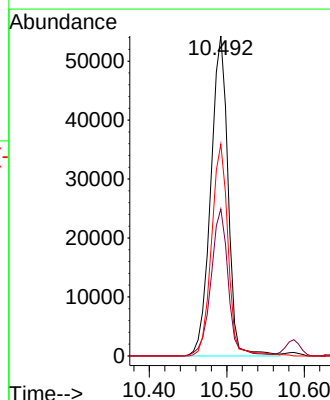
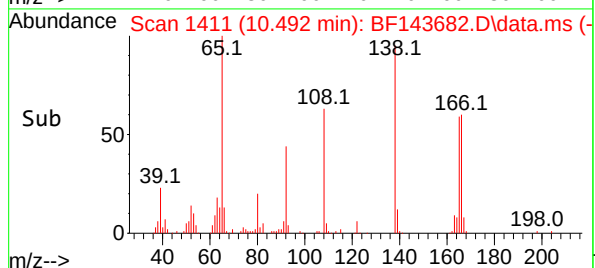
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

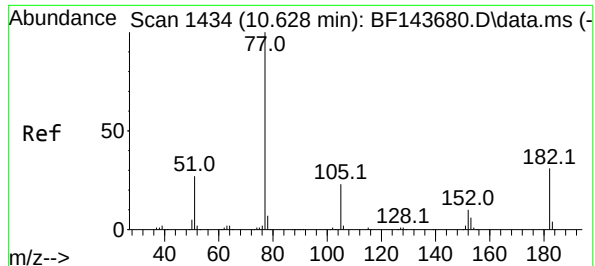


#62
4-Nitroaniline
Concen: 63.120 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07



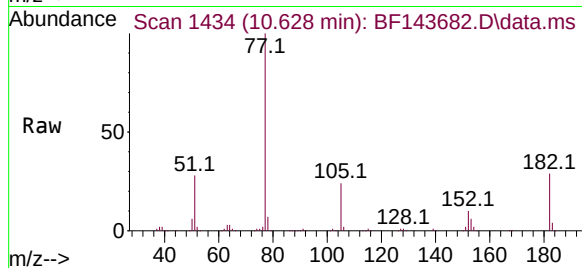
Tgt Ion:138 Resp: 84033
Ion Ratio Lower Upper
138 100
92 45.9 26.4 66.4
108 66.2 44.3 84.3





#63
Azobenzene
Concen: 58.808 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

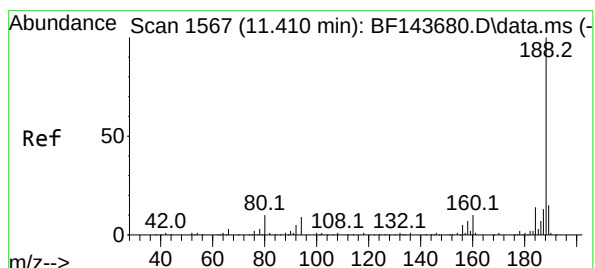
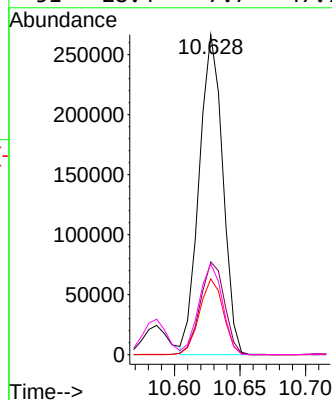
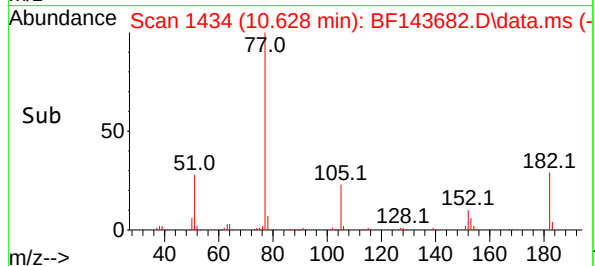
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 333443
Ion Ratio Lower Upper
77 100
182 29.0 10.8 50.8
105 23.7 3.2 43.2
51 28.4 7.7 47.7

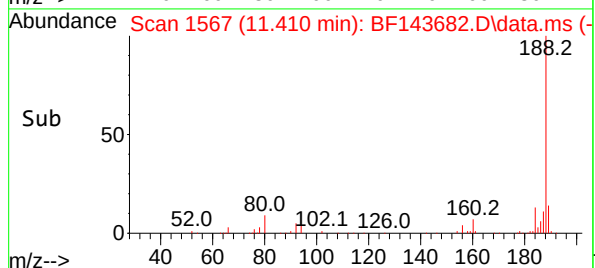
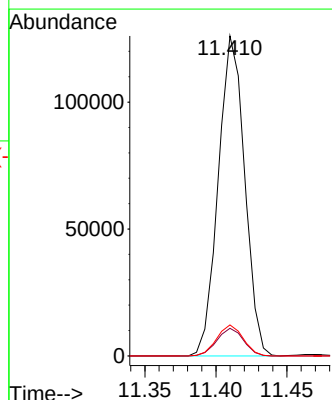
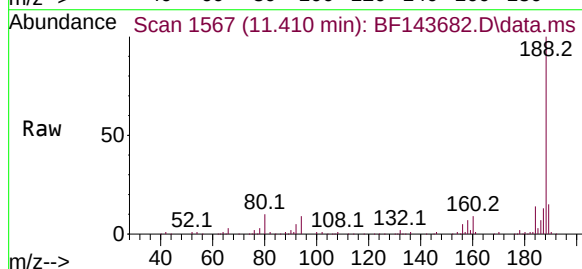
Manual Integrations
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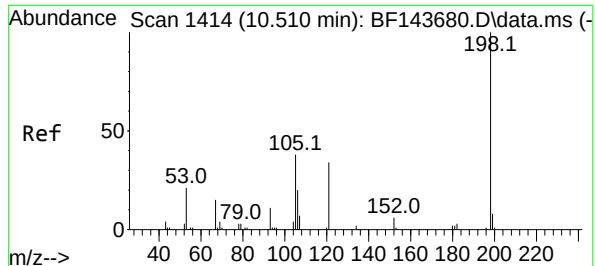
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Tgt Ion:188 Resp: 163071
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.7 7.7 11.5





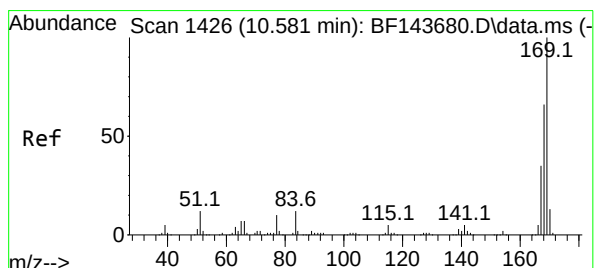
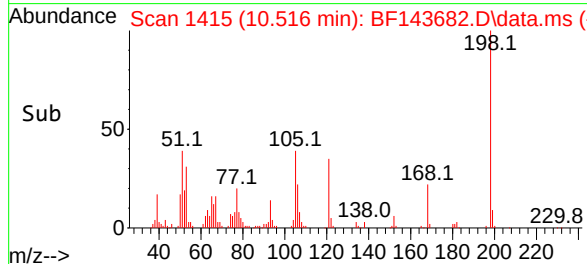
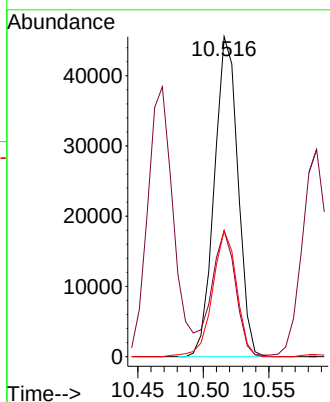
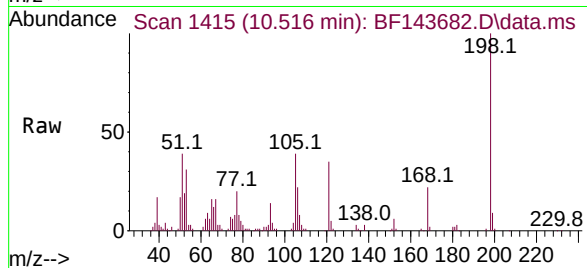
#65
4,6-Dinitro-2-methylphenol
Concen: 68.727 ng
RT: 10.516 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 57061
Ion Ratio Lower Upper
198 100
51 39.3 21.2 61.2
105 39.4 19.0 59.0

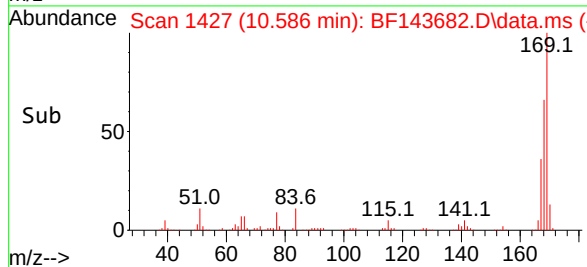
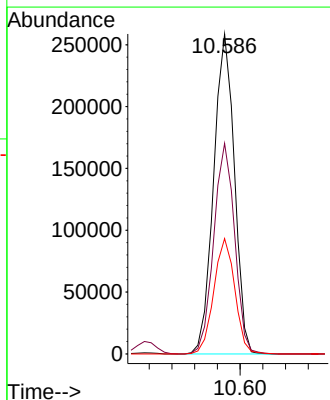
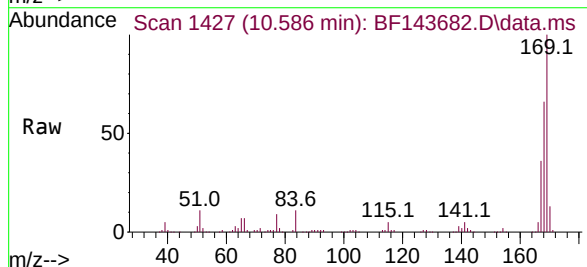
Manual Integrations
APPROVED

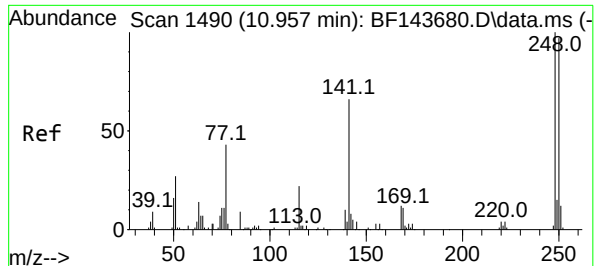
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#66
n-Nitrosodiphenylamine
Concen: 61.524 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

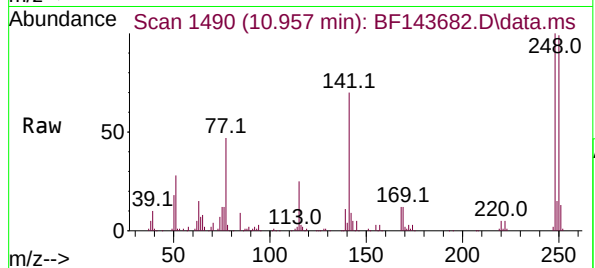
Tgt Ion:169 Resp: 328675
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 36.0 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 60.496 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

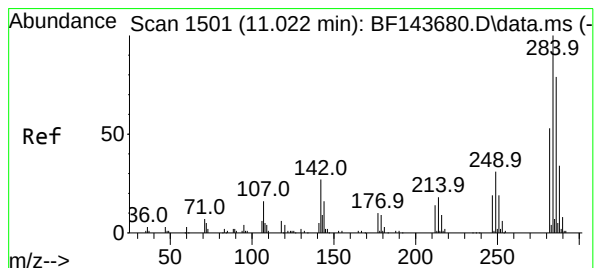
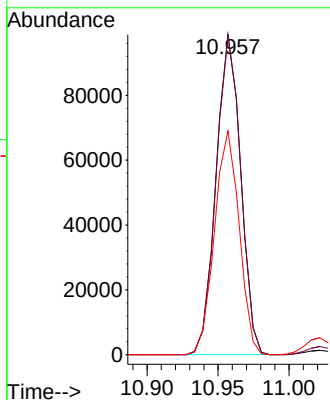
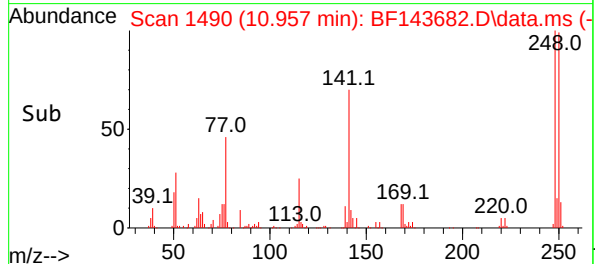
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:248 Resp: 118964
Ion Ratio Lower Upper
248 100
250 99.5 77.5 116.3
141 69.8 52.6 79.0

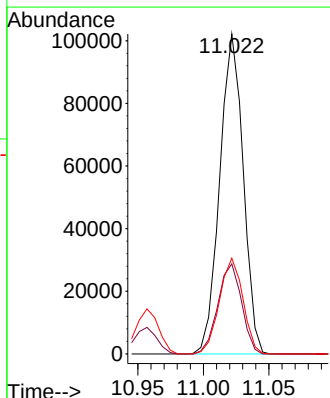
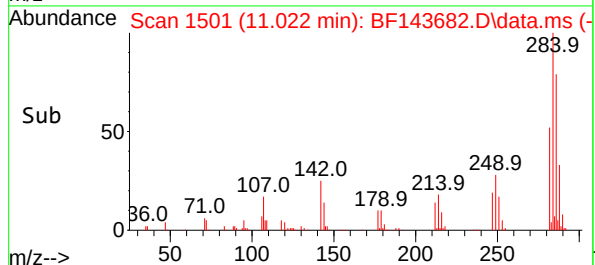
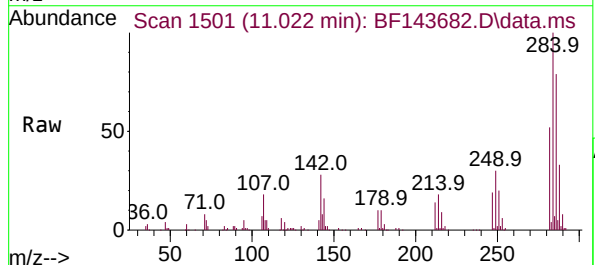
Manual Integrations
APPROVED

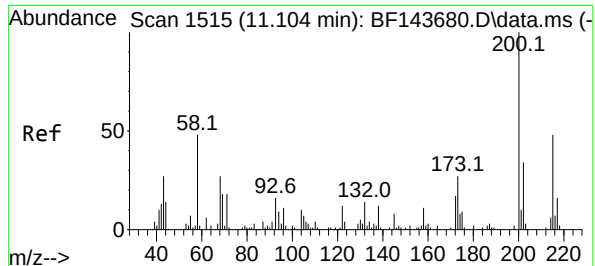
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#68
Hexachlorobenzene
Concen: 61.394 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

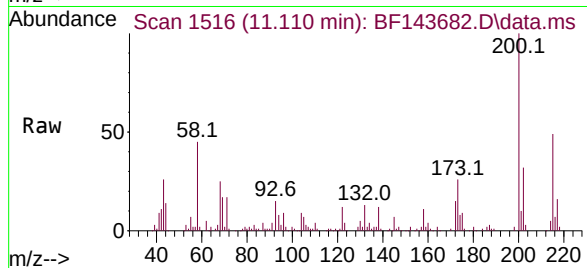
Tgt Ion:284 Resp: 127479
Ion Ratio Lower Upper
284 100
142 28.1 21.3 31.9
249 29.9 25.0 37.4





#69
Atrazine
Concen: 59.678 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

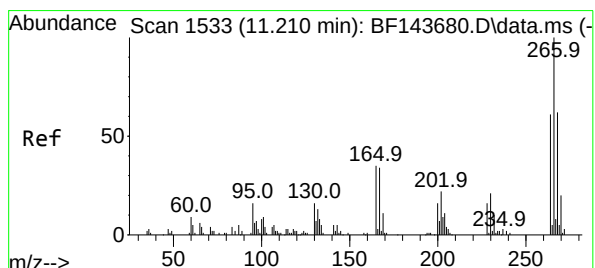
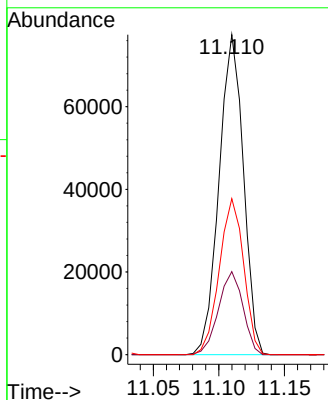
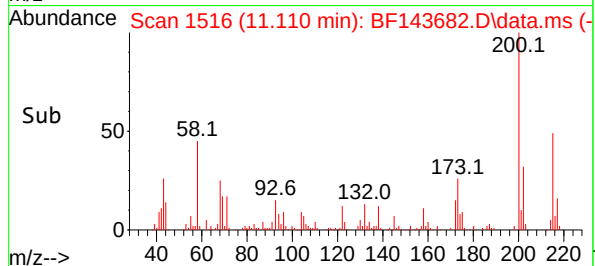
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



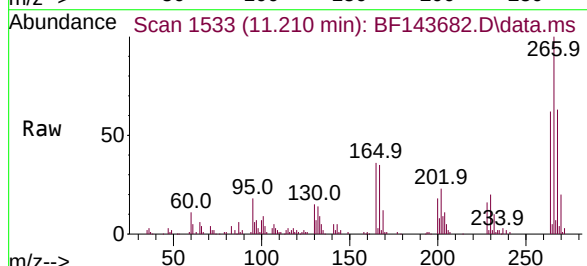
Tgt Ion:200 Resp: 99962
Ion Ratio Lower Upper
200 100
173 25.9 7.3 47.3
215 48.7 28.5 68.5

Manual Integrations
APPROVED

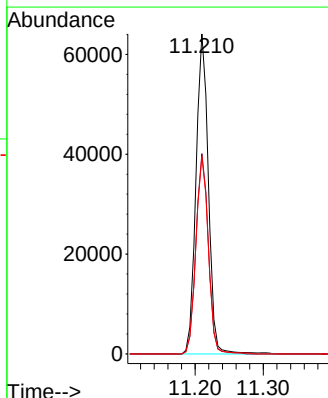
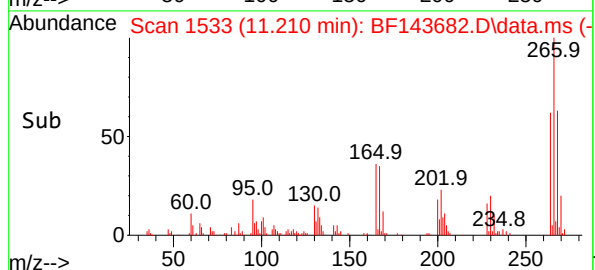
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

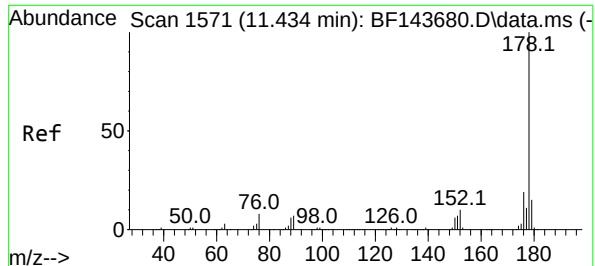


#70
Pentachlorophenol
Concen: 64.505 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07



Tgt Ion:266 Resp: 80967
Ion Ratio Lower Upper
266 100
268 62.6 49.2 73.8
264 61.7 48.6 73.0





#71

Phenanthrene

Concen: 59.125 ng

RT: 11.439 min Scan# 1571

Delta R.T. 0.006 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:178 Resp: 531231

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

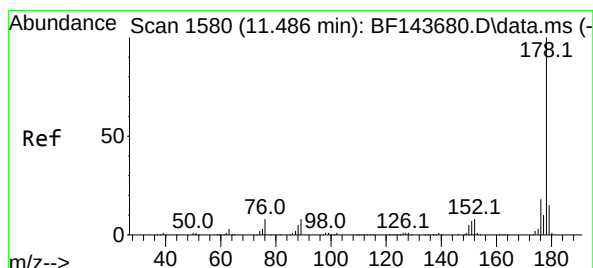
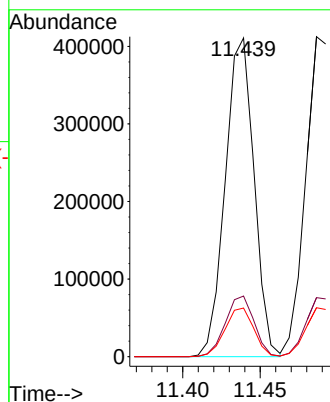
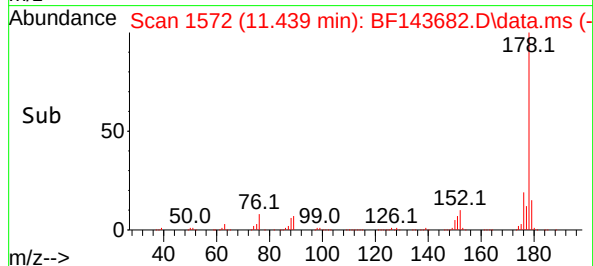
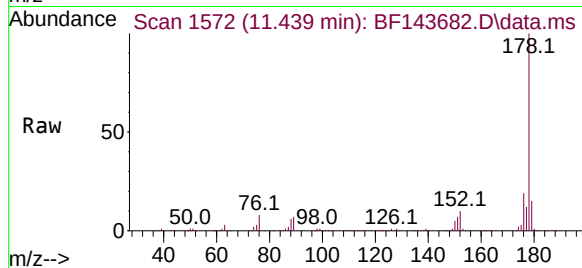
179 15.2 12.2 18.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#72

Anthracene

Concen: 59.374 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

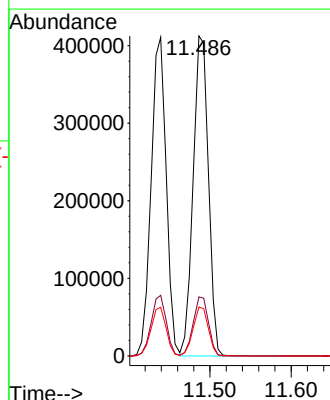
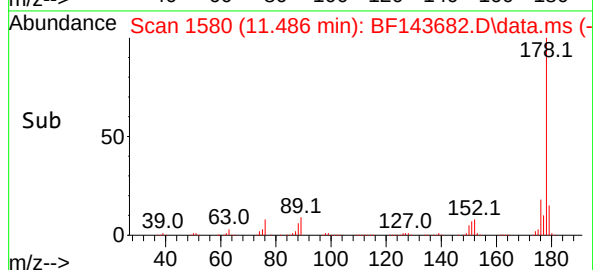
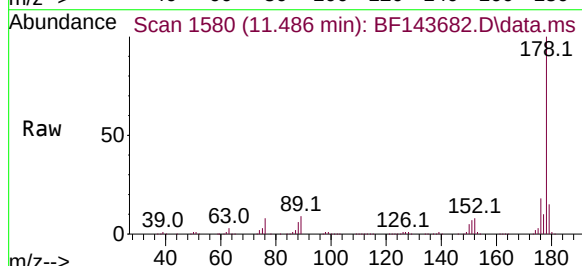
Tgt Ion:178 Resp: 536413

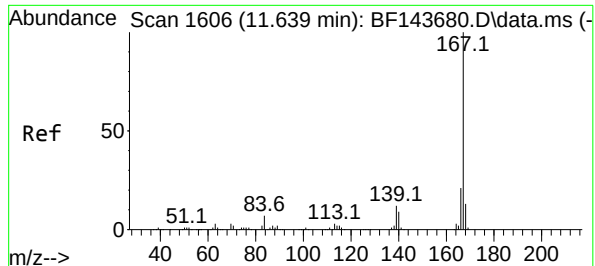
Ion Ratio Lower Upper

178 100

176 18.4 14.5 21.7

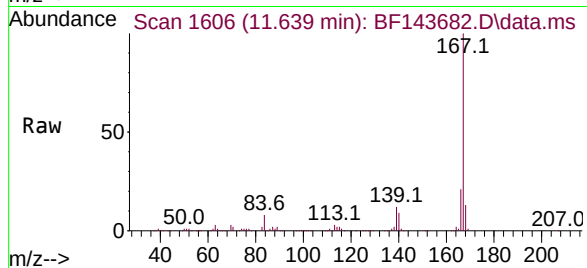
179 15.3 12.2 18.2





#73
Carbazole
Concen: 59.196 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

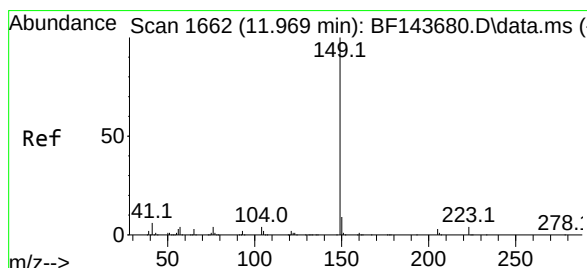
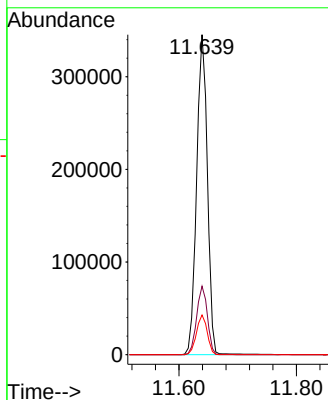
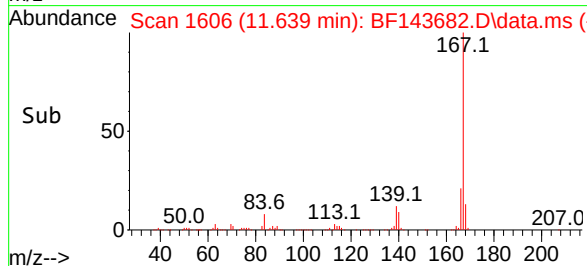
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



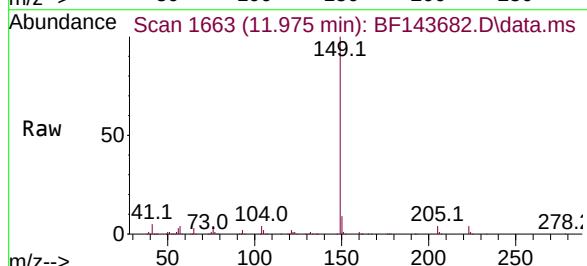
Tgt Ion:167 Resp: 437989
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 12.4 9.7 14.5

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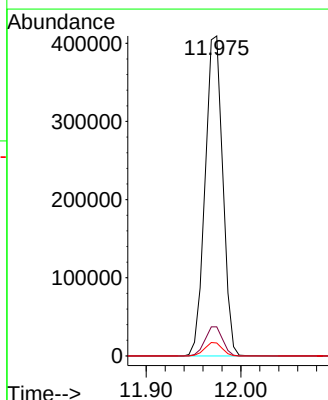
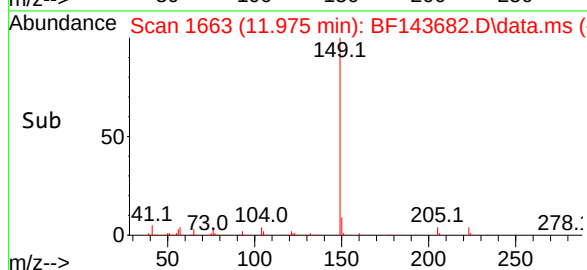
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

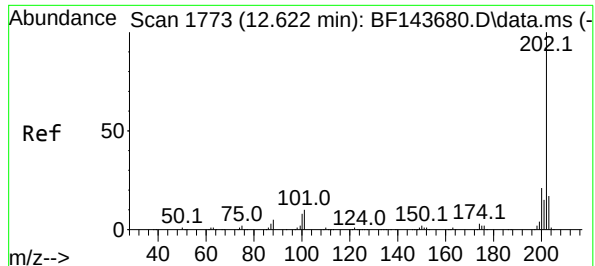


#74
Di-n-butylphthalate
Concen: 59.596 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07



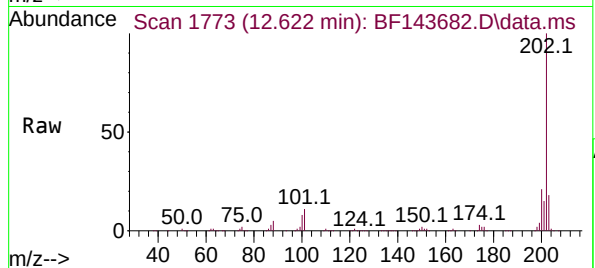
Tgt Ion:149 Resp: 530871
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.0 3.3 4.9





#75
Fluoranthene
Concen: 56.901 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

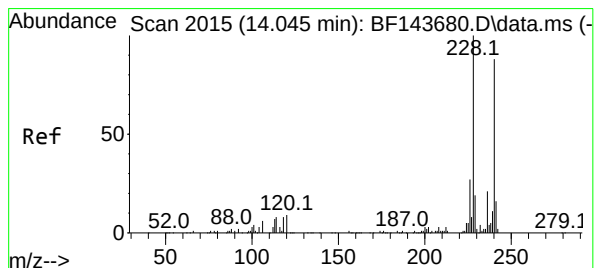
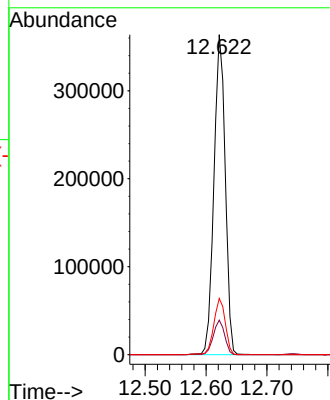
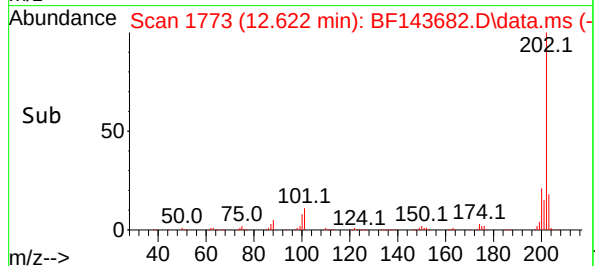
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 469334
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.5
203 17.5 0.0 37.1

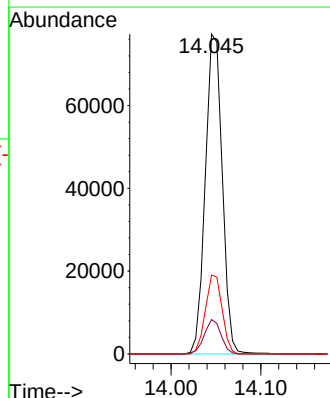
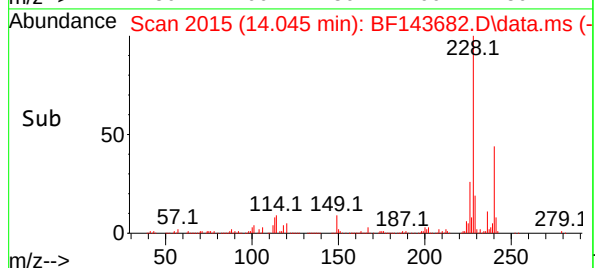
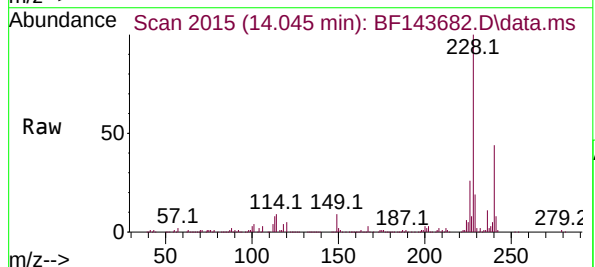
Manual Integrations
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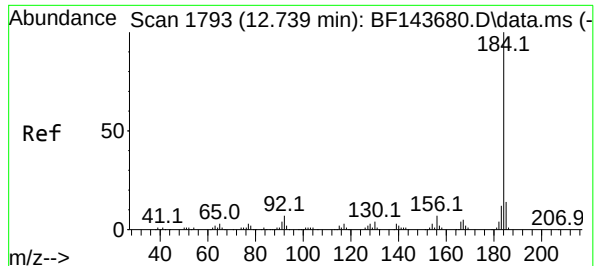
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Tgt Ion:240 Resp: 101826
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 24.7 18.6 28.0





#77

Benzidine

Concen: 70.318 ng

RT: 12.745 min Scan# 1794

Delta R.T. 0.006 min

Lab File: BF143682.D

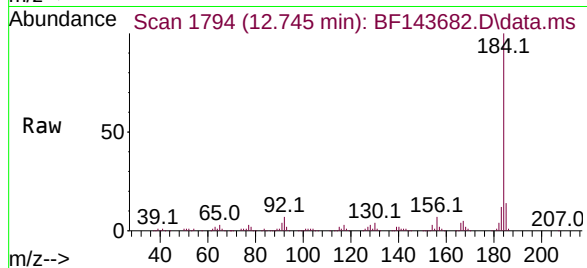
Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:184 Resp: 233493

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

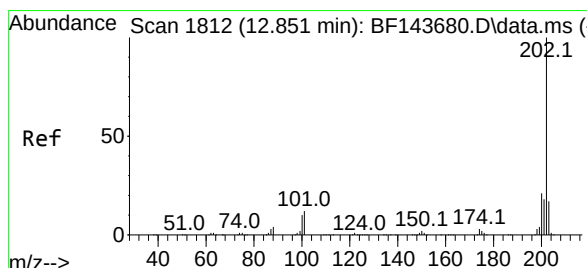
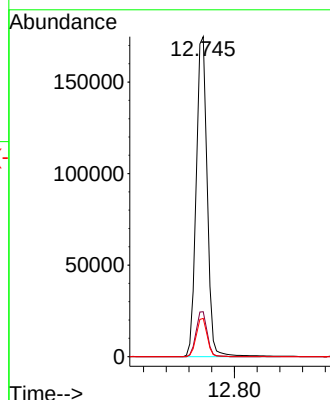
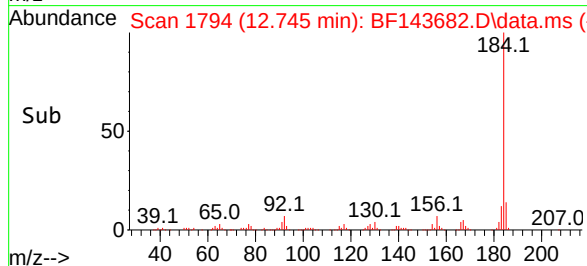
183 11.9 9.4 14.2

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#78

Pyrene

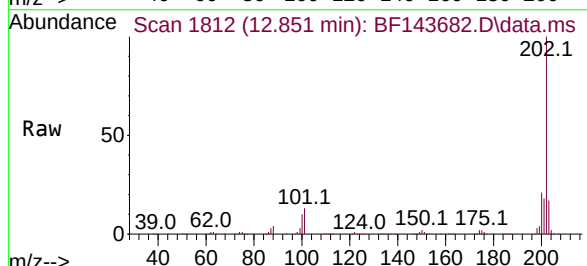
Concen: 57.197 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07



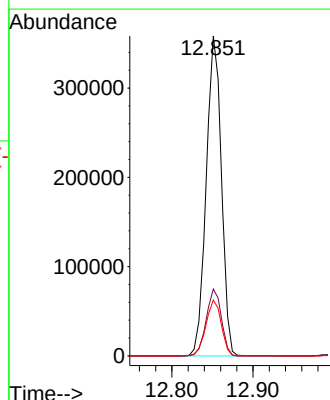
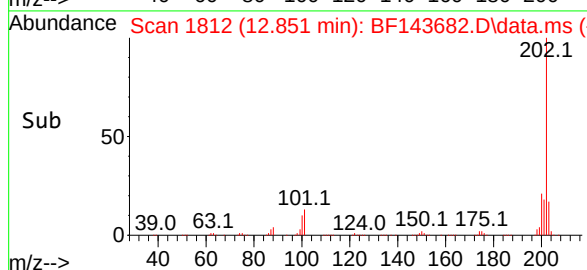
Tgt Ion:202 Resp: 465668

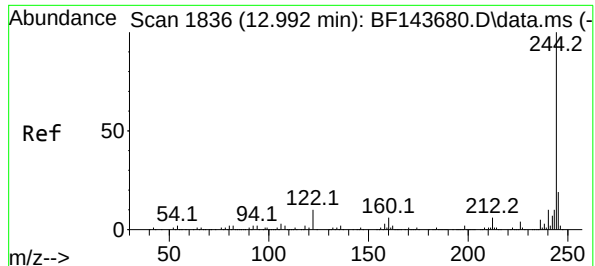
Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

203 17.4 13.5 20.3





#79

Terphenyl-d14

Concen: 113.324 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:244 Resp: 712078

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.6

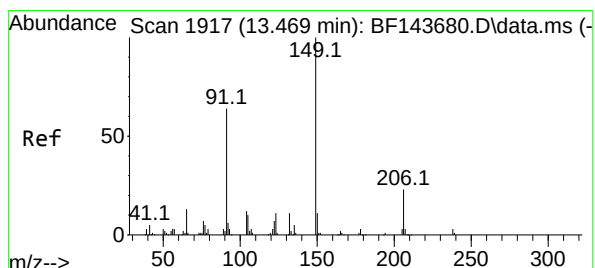
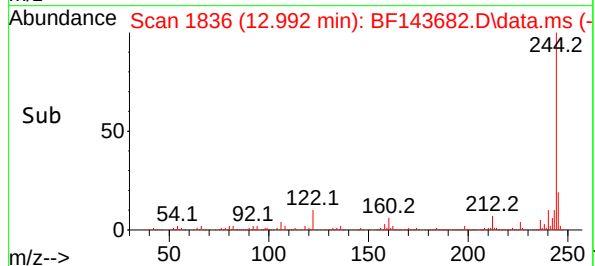
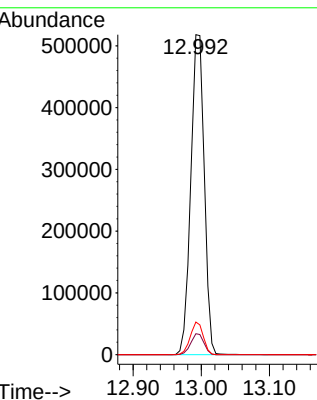
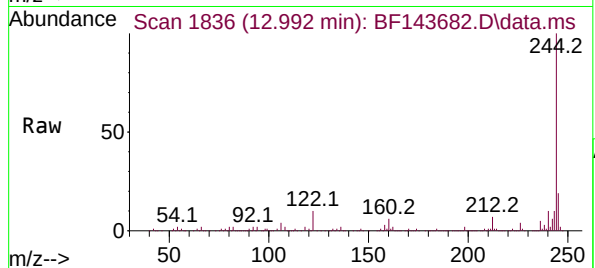
122 10.2 7.9 11.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#80

Butylbenzylphthalate

Concen: 65.387 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BF143682.D

Acq: 09 Sep 2025 12:07

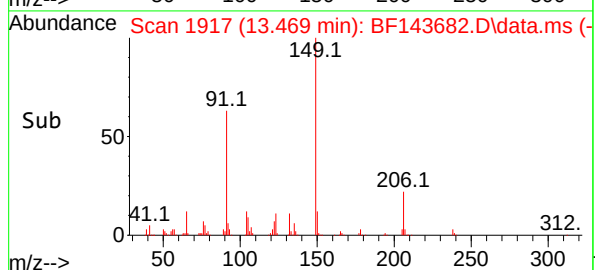
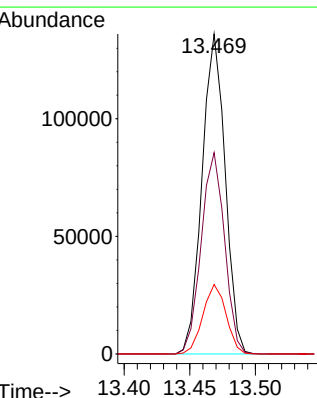
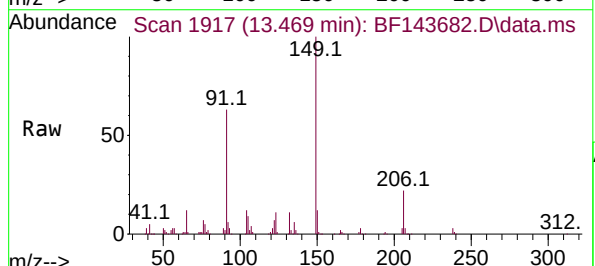
Tgt Ion:149 Resp: 166792

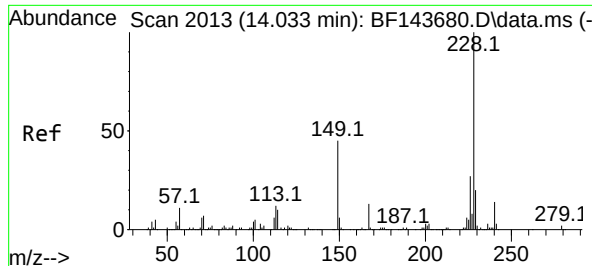
Ion Ratio Lower Upper

149 100

91 62.9 50.9 76.3

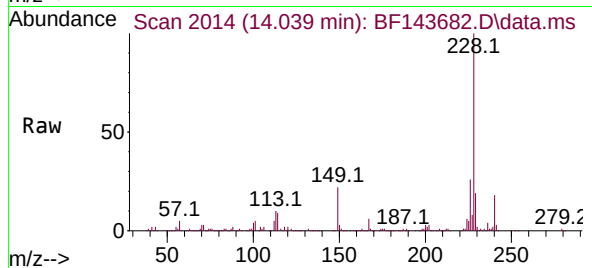
206 21.7 18.2 27.2





#81
Benzo(a)anthracene
Concen: 61.159 ng
RT: 14.039 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

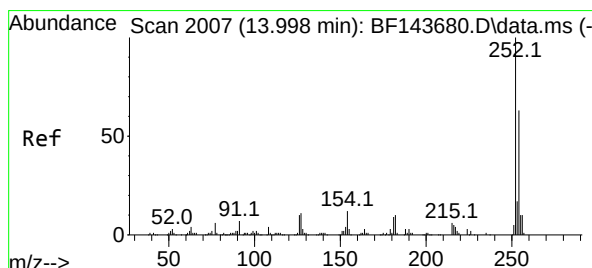
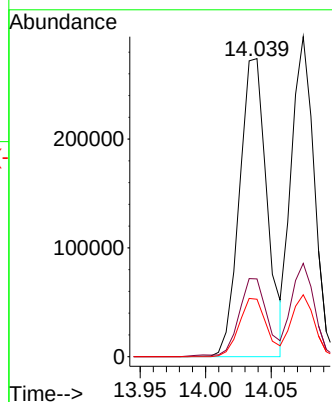
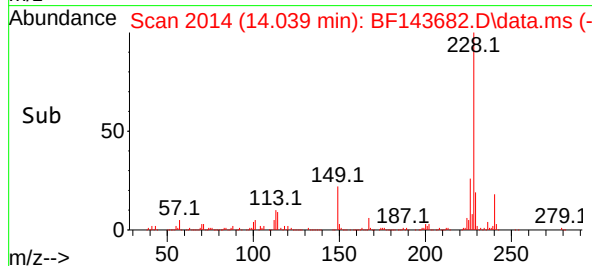
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



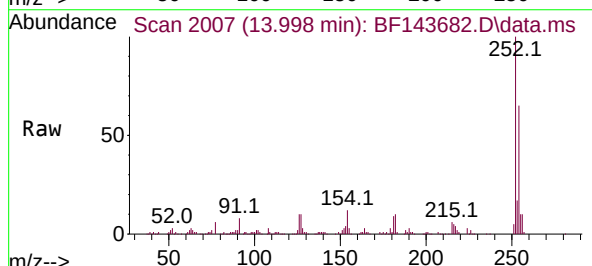
Tgt Ion:228 Resp: 400644
Ion Ratio Lower Upper
228 100
226 26.0 21.6 32.4
229 19.2 15.7 23.5

Manual Integrations
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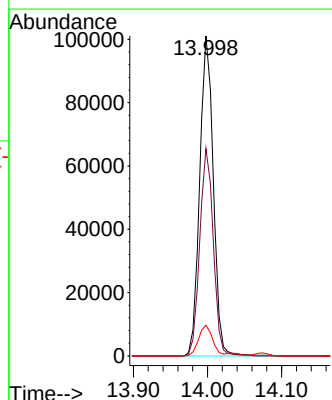
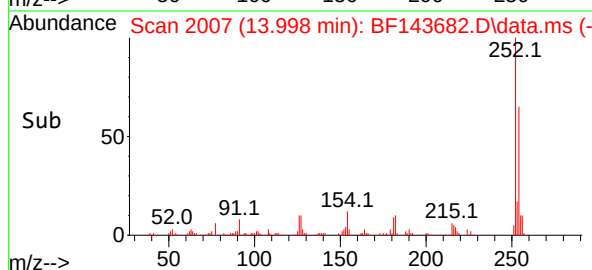
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

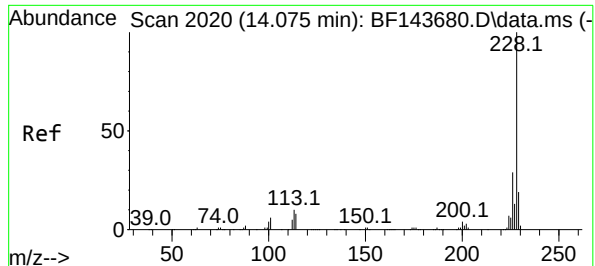


#82
3,3'-Dichlorobenzidine
Concen: 63.860 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07



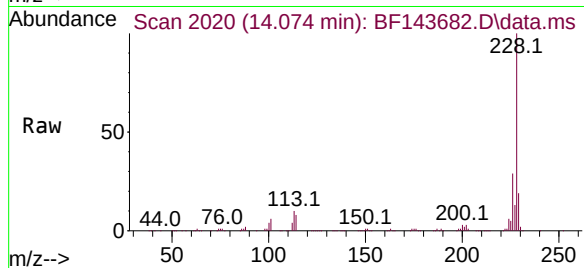
Tgt Ion:252 Resp: 128699
Ion Ratio Lower Upper
252 100
254 64.8 50.5 75.7
126 9.6 8.2 12.4





#83
Chrysene
Concen: 59.457 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

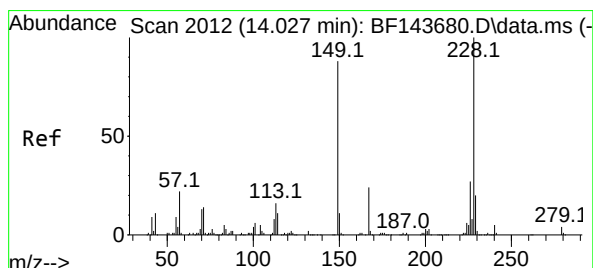
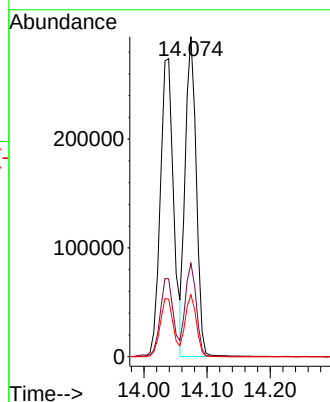
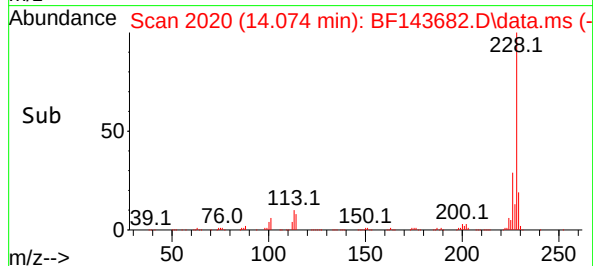
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 356726
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 19.3 15.1 22.7

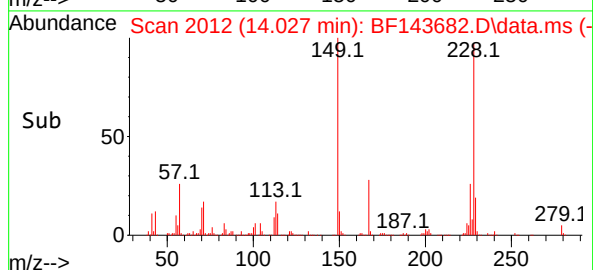
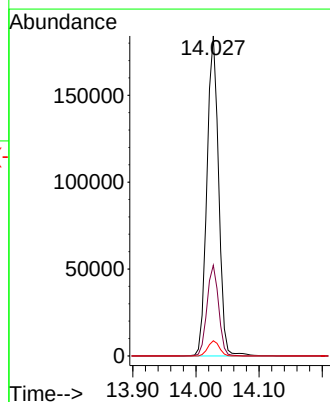
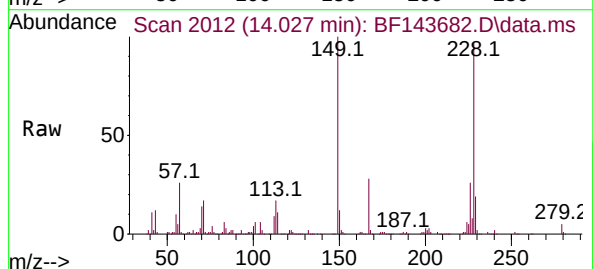
Manual Integrations
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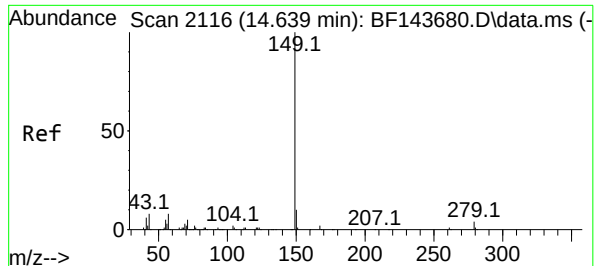
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 64.833 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

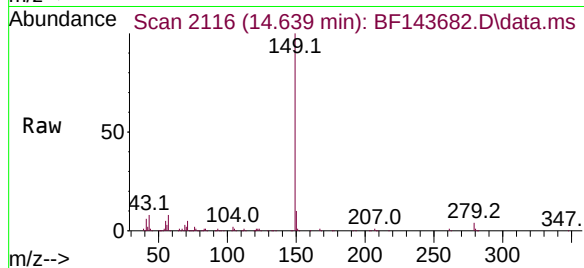
Tgt Ion:149 Resp: 235967
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.2
279 4.7 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 64.910 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

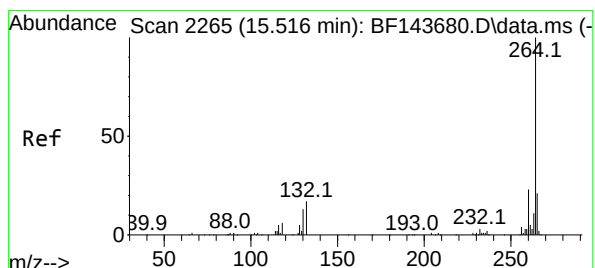
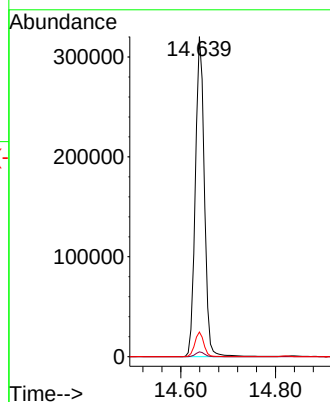
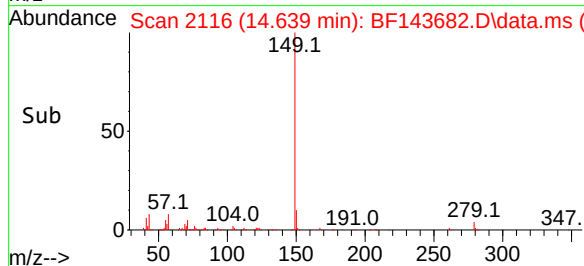
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



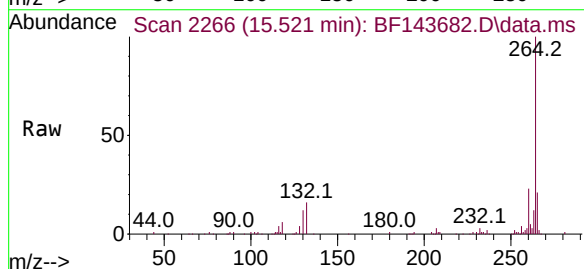
Tgt Ion:149 Resp: 423351
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 7.6 6.2 9.2

Manual Integrations
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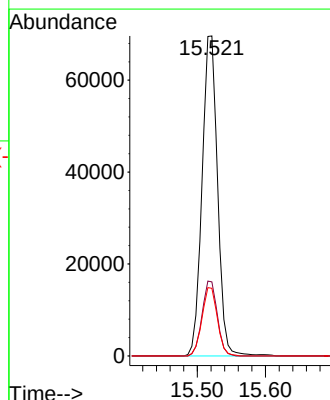
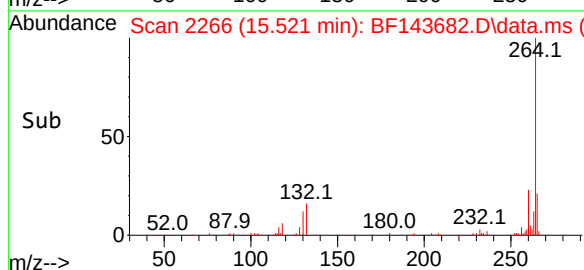
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

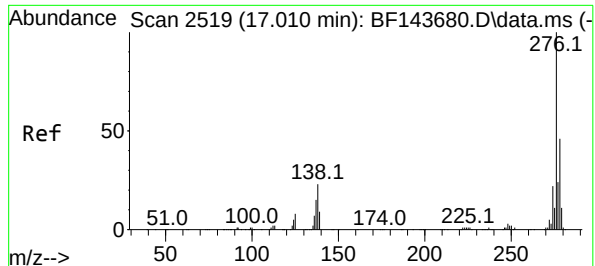


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07



Tgt Ion:264 Resp: 110033
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.1 17.1 25.7





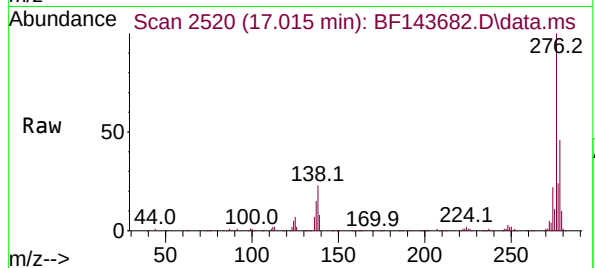
#87
Indeno(1,2,3-cd)pyrene
Concen: 63.374 ng
RT: 17.015 min Scan# 2520
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

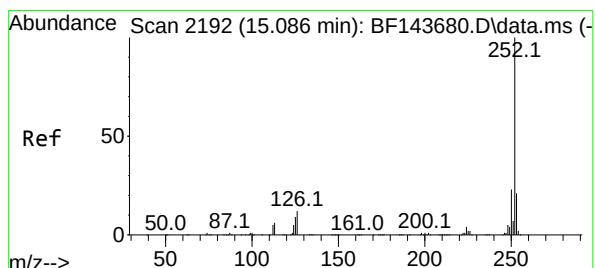
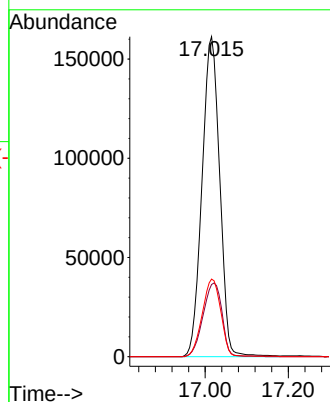
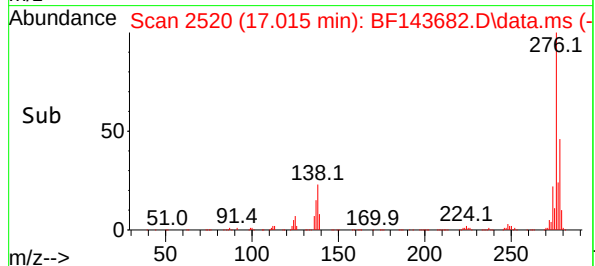


Tgt Ion:276 Resp: 475913
Ion Ratio Lower Upper
276 100
138 24.6 19.7 29.5
277 25.4 20.2 30.2

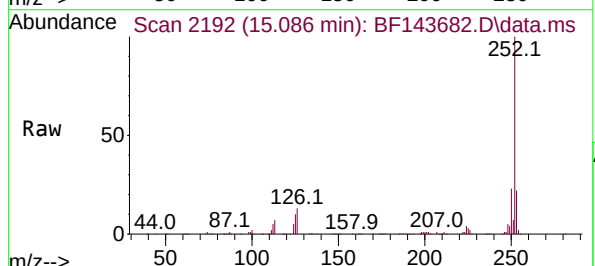
Manual Integrations

APPROVED

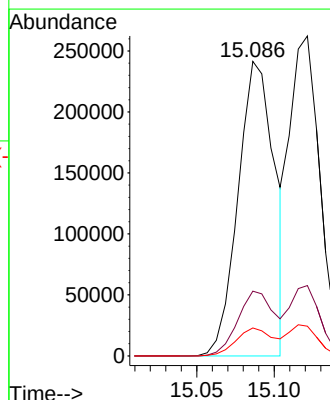
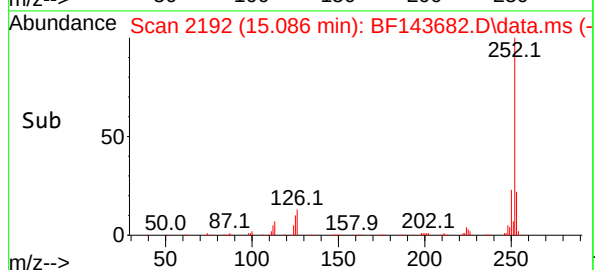
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

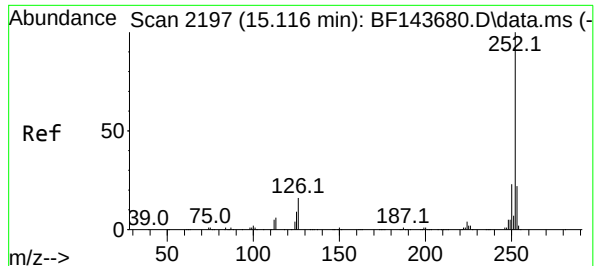


#88
Benzo(b)fluoranthene
Concen: 60.636 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07



Tgt Ion:252 Resp: 397168
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 60.414 ng

RT: 15.121 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF143682.D

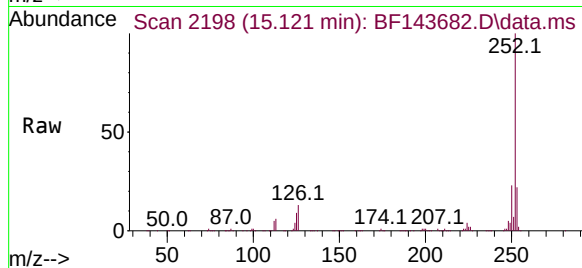
Acq: 09 Sep 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:252 Resp: 357138

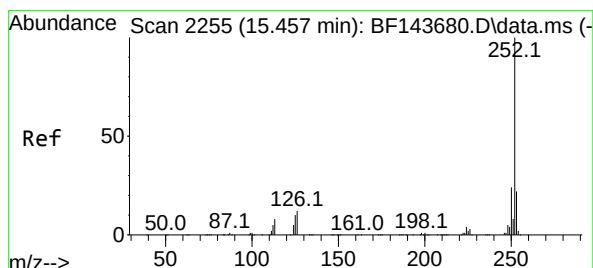
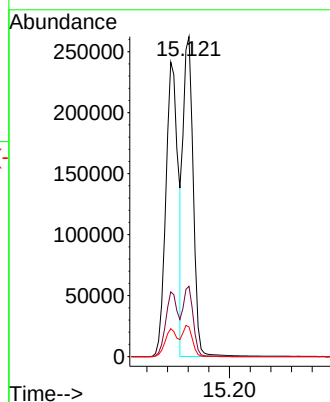
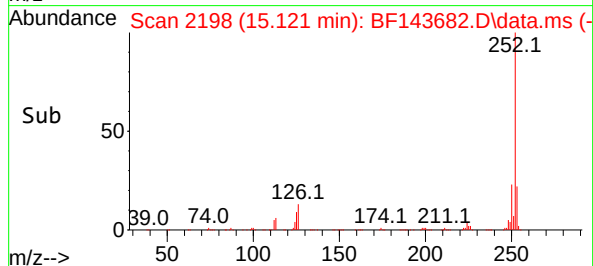
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	9.3	7.3	10.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#90

Benzo(a)pyrene

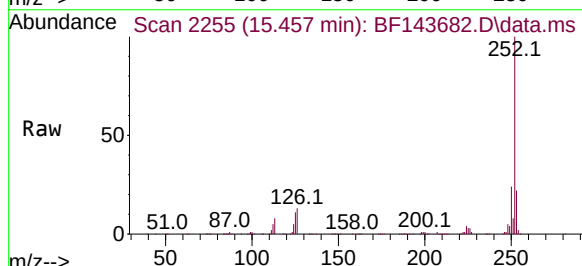
Concen: 62.132 ng

RT: 15.457 min Scan# 2255

Delta R.T. -0.000 min

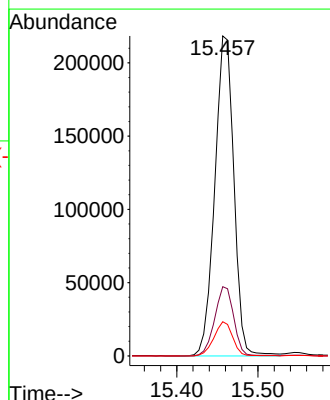
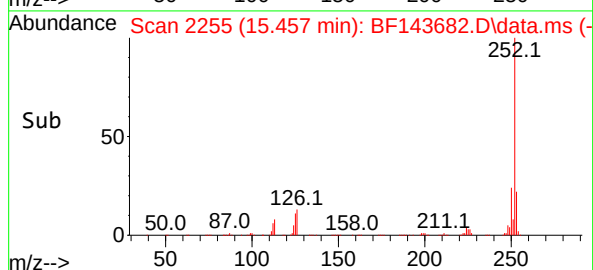
Lab File: BF143682.D

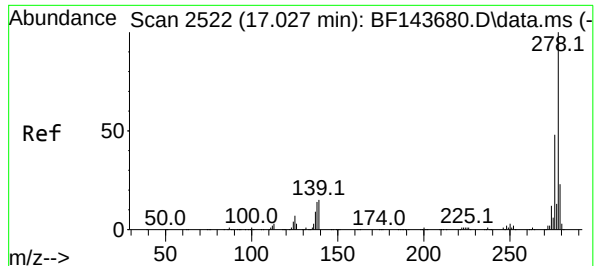
Acq: 09 Sep 2025 12:07



Tgt Ion:252 Resp: 357533

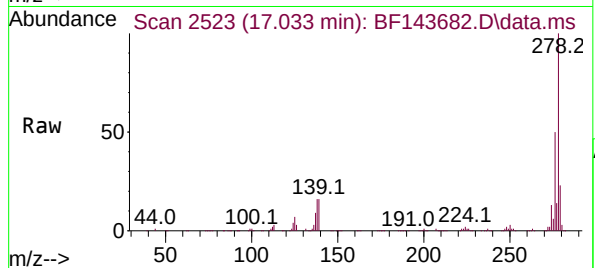
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	10.7	8.2	12.4





#91
Dibenzo(a,h)anthracene
Concen: 63.861 ng
RT: 17.033 min Scan# 2522
Delta R.T. 0.006 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

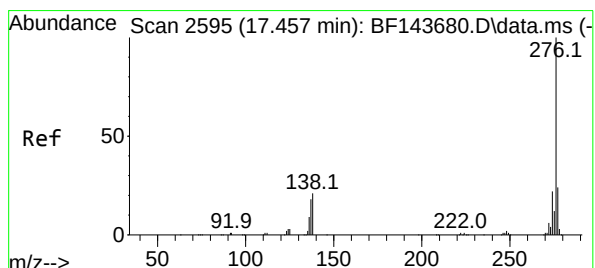
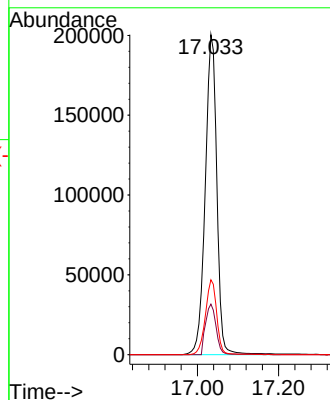
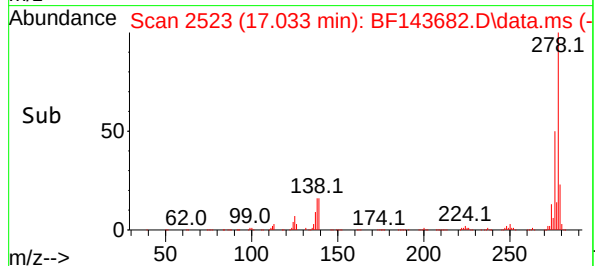
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 397881
Ion Ratio Lower Upper
278 100
139 15.8 12.2 18.4
279 23.4 18.7 28.1

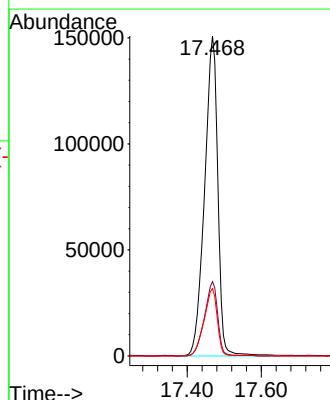
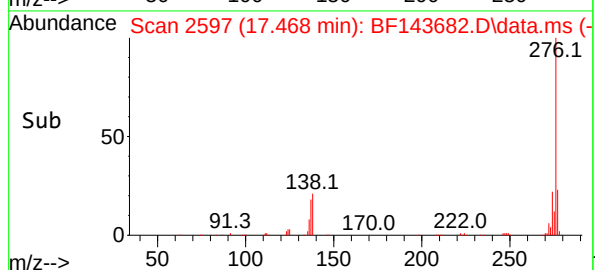
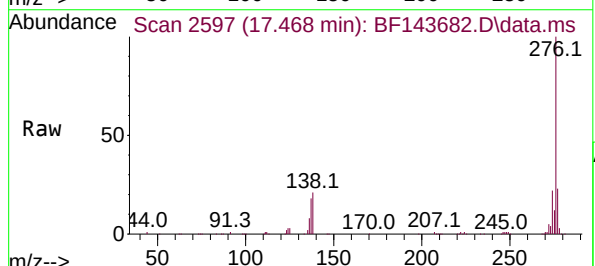
Manual Integrations
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Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#92
Benzo(g,h,i)perylene
Concen: 64.015 ng
RT: 17.468 min Scan# 2597
Delta R.T. 0.012 min
Lab File: BF143682.D
Acq: 09 Sep 2025 12:07

Tgt Ion:276 Resp: 373061
Ion Ratio Lower Upper
276 100
277 23.2 19.2 28.8
138 21.0 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143683.D
 Acq On : 09 Sep 2025 13:54
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:31:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	56382	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	213611	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	124115	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	187688	20.000	ng	0.00
76) Chrysene-d12	14.057	240	116895	20.000	ng	0.01
86) Perylene-d12	15.527	264	129691	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	518124	156.786	ng	0.00
7) Phenol-d6	6.516	99	624813	155.282	ng	0.01
23) Nitrobenzene-d5	7.463	82	559223	162.838	ng	0.01
42) 2,4,6-Tribromophenol	10.722	330	193329	154.564	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	1179990	143.618	ng	0.00
79) Terphenyl-d14	12.998	244	1031371	142.979	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	113617	77.075	ng	99
3) Pyridine	3.440	79	302753	79.506	ng	98
4) n-Nitrosodimethylamine	3.410	42	116844	80.779	ng	94
6) Aniline	6.557	93	412609	77.423	ng	99
8) 2-Chlorophenol	6.675	128	283491	79.429	ng	100
9) Benzaldehyde	6.445	77	255985	78.850	ng	99
10) Phenol	6.534	94	346126m	77.819	ng	
11) bis(2-Chloroethyl)ether	6.634	93	257746	77.590	ng	97
12) 1,3-Dichlorobenzene	6.834	146	315159	77.209	ng	99
13) 1,4-Dichlorobenzene	6.910	146	314684	76.379	ng	100
14) 1,2-Dichlorobenzene	7.063	146	298298	76.670	ng	99
15) Benzyl Alcohol	7.034	79	230026	78.590	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	337215	77.591	ng	97
17) 2-Methylphenol	7.139	107	230006	80.110	ng	98
18) Hexachloroethane	7.404	117	105200	79.044	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	192814	78.023	ng	99
20) 3+4-Methylphenols	7.298	107	288678	76.353	ng	91
22) Acetophenone	7.304	105	371310	76.965	ng	# 93
24) Nitrobenzene	7.481	77	284138	79.794	ng	98
25) Isophorone	7.722	82	528121	80.197	ng	99
26) 2-Nitrophenol	7.792	139	150727	86.090	ng	99
27) 2,4-Dimethylphenol	7.822	122	245459	78.096	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	323002	79.814	ng	100
29) 2,4-Dichlorophenol	8.028	162	253340	80.128	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	256397	78.277	ng	99
31) Naphthalene	8.198	128	818642	77.417	ng	99
32) Benzoic acid	7.957	122	186144m	97.074	ng	
33) 4-Chloroaniline	8.245	127	284322	77.235	ng	99
34) Hexachlorobutadiene	8.316	225	167644	78.469	ng	99
35) Caprolactam	8.639	113	69698	82.827	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	248979	79.866	ng	98
37) 2-Methylnaphthalene	8.886	142	552024	76.261	ng	99
38) 1-Methylnaphthalene	8.986	142	527838	75.984	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	271043	76.281	ng	100
41) Hexachlorocyclopentadiene	9.039	237	146134	80.108	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	189455	79.850	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143683.D
 Acq On : 09 Sep 2025 13:54
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 15:31:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	189631	78.619	ng	98
46) 1,1'-Biphenyl	9.357	154	666722	74.617	ng	100
47) 2-Chloronaphthalene	9.380	162	530685	75.759	ng	100
48) 2-Nitroaniline	9.469	65	152123	82.062	ng	96
49) Acenaphthylene	9.792	152	759223	75.664	ng	100
50) Dimethylphthalate	9.651	163	617247	76.436	ng	100
51) 2,6-Dinitrotoluene	9.716	165	128331	83.117	ng	97
52) Acenaphthene	9.969	154	526045	76.080	ng	99
53) 3-Nitroaniline	9.886	138	132242	79.589	ng	99
54) 2,4-Dinitrophenol	9.986	184	68283	82.053	ng	# 53
55) Dibenzofuran	10.139	168	732979	73.721	ng	99
56) 4-Nitrophenol	10.033	139	105333	79.683	ng	99
57) 2,4-Dinitrotoluene	10.116	165	174053	82.828	ng	98
58) Fluorene	10.480	166	567673	72.939	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	155147	79.326	ng	99
60) Diethylphthalate	10.357	149	575874	75.960	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	291237	73.784	ng	99
62) 4-Nitroaniline	10.504	138	126541	80.410	ng	100
63) Azobenzene	10.633	77	504293	75.241	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	87568	91.637	ng	99
66) n-Nitrosodiphenylamine	10.592	169	484542	78.804	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	179680	79.387	ng	97
68) Hexachlorobenzene	11.027	284	191089	79.958	ng	98
69) Atrazine	11.116	200	149614	77.606	ng	99
70) Pentachlorophenol	11.216	266	123112	85.217	ng	99
71) Phenanthrene	11.445	178	783137	75.729	ng	99
72) Anthracene	11.498	178	788152	75.796	ng	99
73) Carbazole	11.645	167	649839	76.309	ng	100
74) Di-n-butylphthalate	11.974	149	798541	77.888	ng	99
75) Fluoranthene	12.627	202	695885	73.302	ng	99
77) Benzidine	12.745	184	242284	63.559	ng	100
78) Pyrene	12.857	202	697866	74.668	ng	99
80) Butylbenzylphthalate	13.474	149	249215	85.104	ng	99
81) Benzo(a)anthracene	14.045	228	595222	79.148	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	185097	80.004	ng	99
83) Chrysene	14.080	228	531262	77.133	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	361768	86.584	ng	99
85) Di-n-octyl phthalate	14.645	149	647392	86.465	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	709706	80.182	ng	100
88) Benzo(b)fluoranthene	15.098	252	621698	80.528	ng	99
89) Benzo(k)fluoranthene	15.127	252	507280	72.806	ng	99
90) Benzo(a)pyrene	15.468	252	528783	77.963	ng	100
91) Dibenzo(a,h)anthracene	17.056	278	585296	79.703	ng	99
92) Benzo(g,h,i)perylene	17.492	276	547026	79.639	ng	99

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

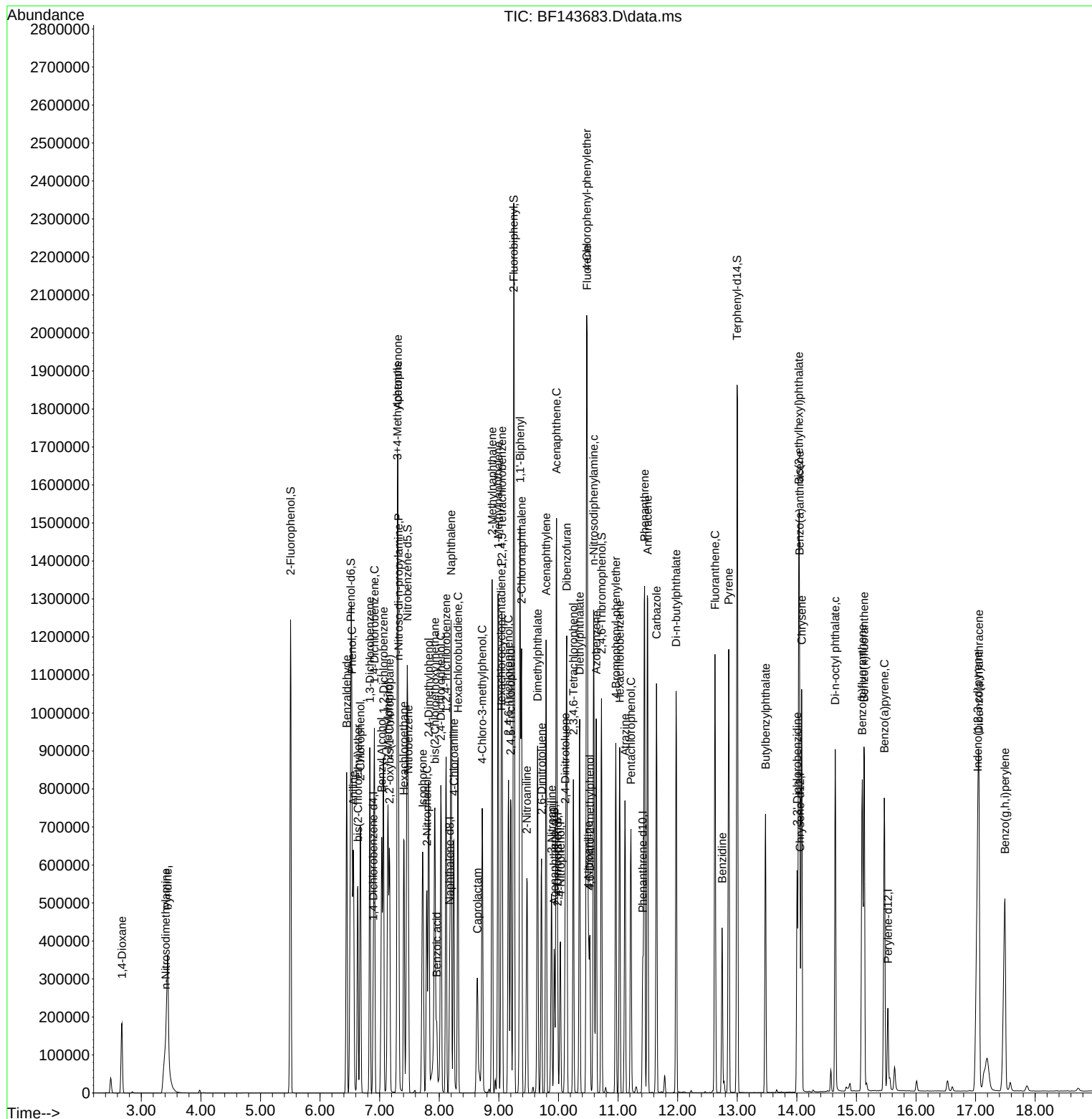
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Data File : BF143683.D
Acq On : 09 Sep 2025 13:54
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

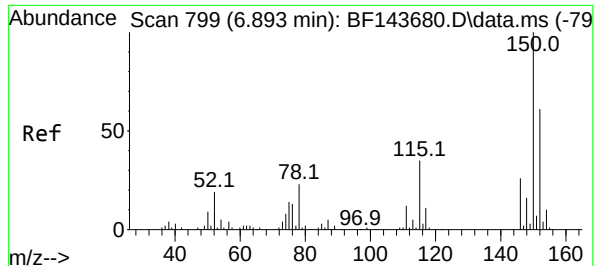
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

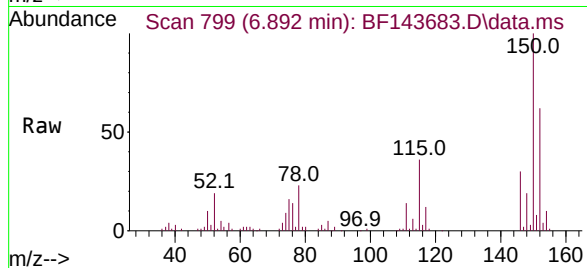
Quant Time: Sep 09 15:31:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

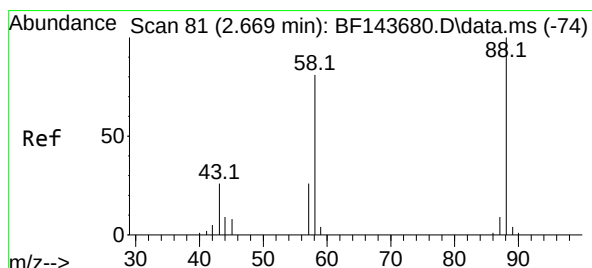
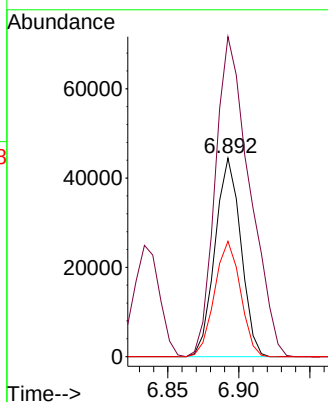
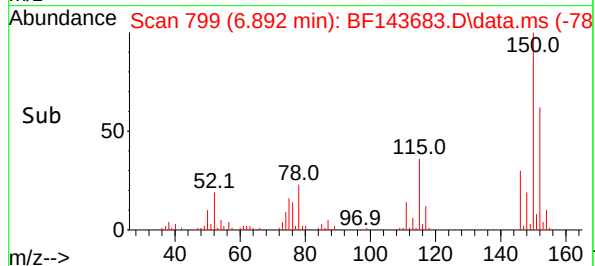
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 56382
Ion Ratio Lower Upper
152 100
150 161.2 130.7 196.1
115 58.1 45.9 68.9

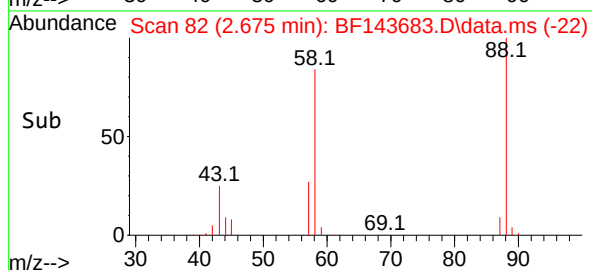
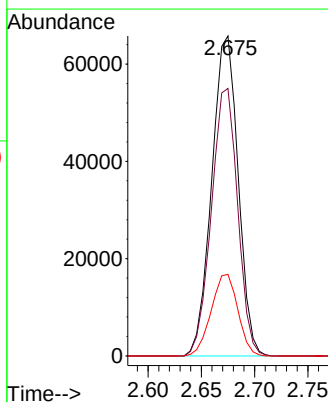
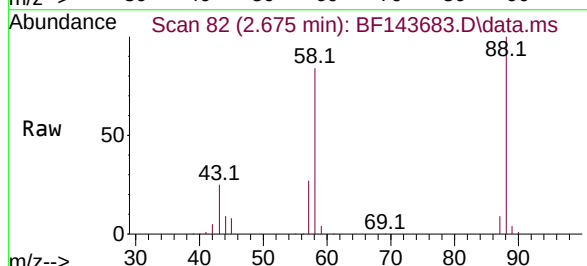
Manual Integrations
APPROVED

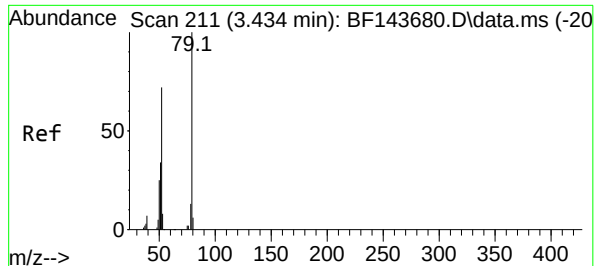
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#2
1,4-Dioxane
Concen: 77.075 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

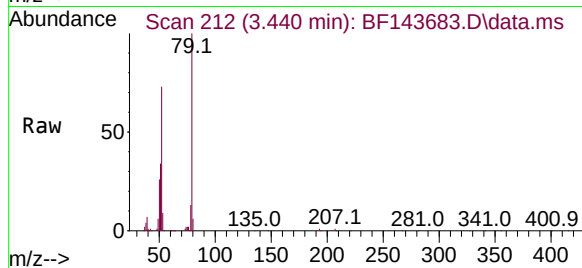
Tgt Ion: 88 Resp: 113617
Ion Ratio Lower Upper
88 100
58 83.1 65.8 98.6
43 25.7 20.6 31.0





#3
Pyridine
Concen: 79.506 ng
RT: 3.440 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

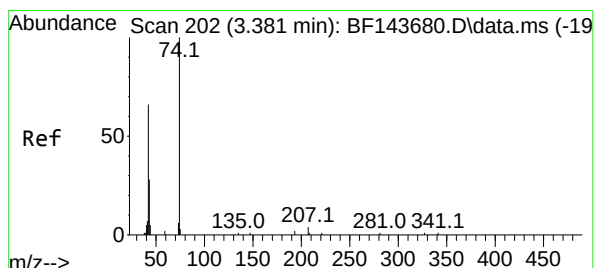
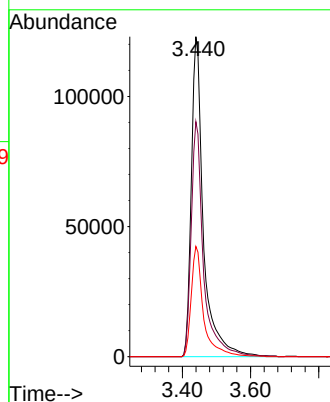
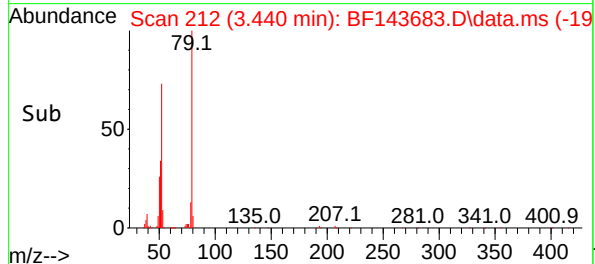
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 302753
Ion Ratio Lower Upper
79 100
52 73.4 57.2 85.8
51 34.4 27.0 40.6

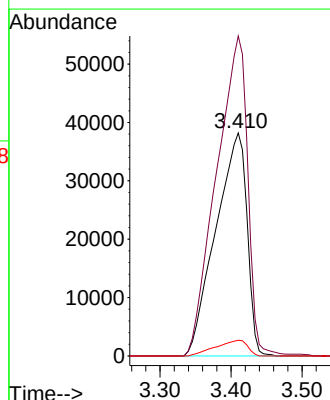
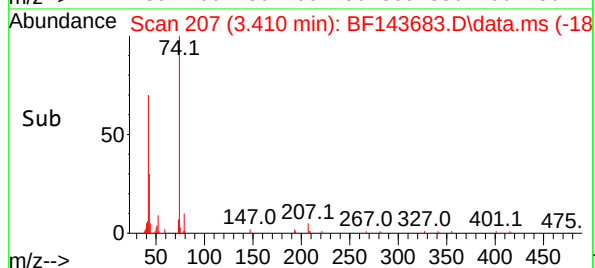
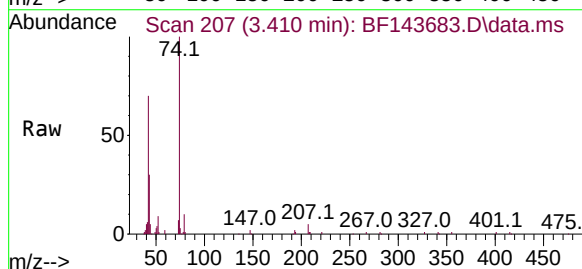
Manual Integrations
APPROVED

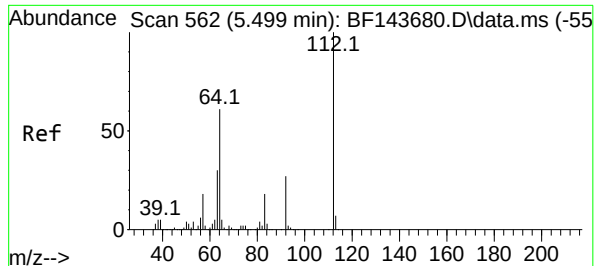
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#4
n-Nitrosodimethylamine
Concen: 80.779 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.029 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

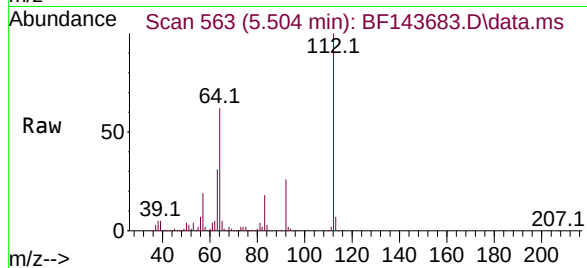
Tgt Ion: 42 Resp: 116844
Ion Ratio Lower Upper
42 100
74 143.5 120.9 181.3
44 7.0 6.5 9.7





#5
2-Fluorophenol
Concen: 156.786 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

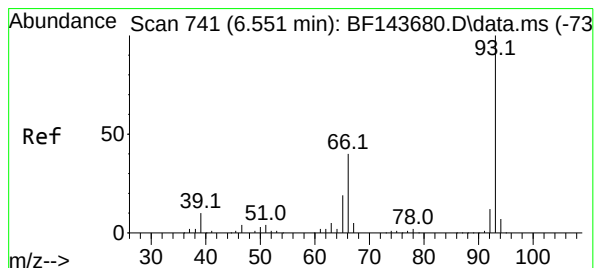
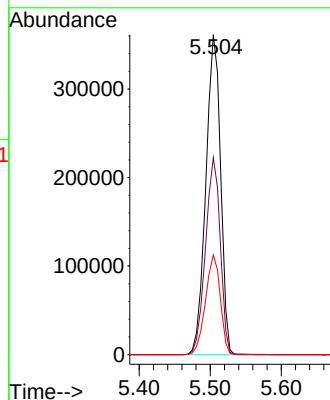
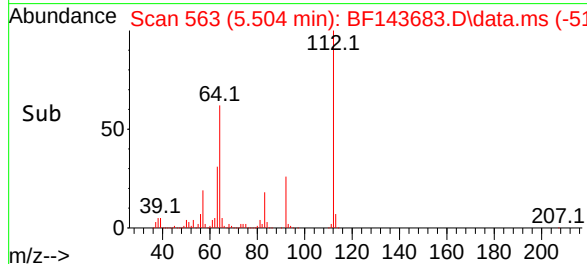
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 518124
Ion Ratio Lower Upper
112 100
64 61.5 49.0 73.4
63 31.1 24.3 36.5

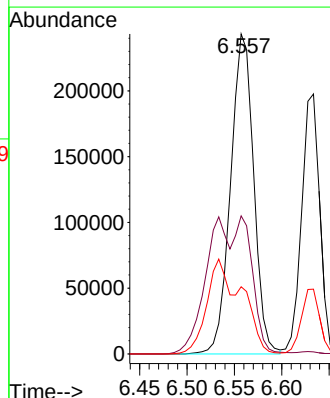
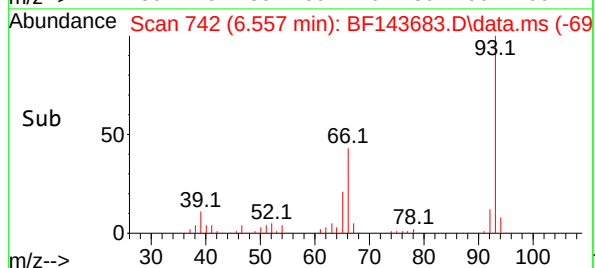
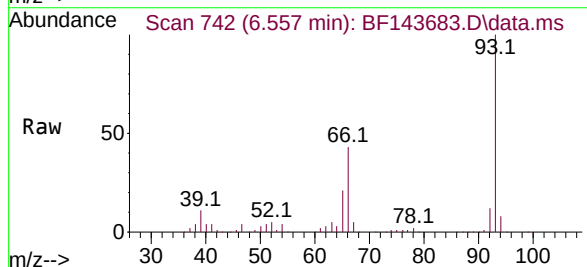
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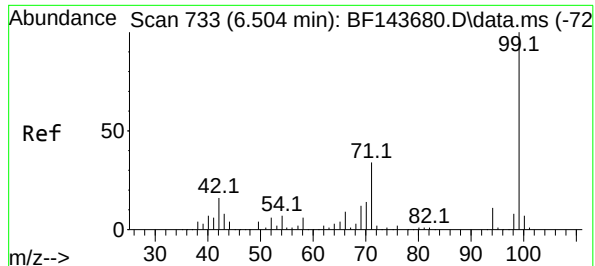
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#6
Aniline
Concen: 77.423 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Tgt Ion: 93 Resp: 412609
Ion Ratio Lower Upper
93 100
66 43.1 34.1 51.1
65 21.0 16.1 24.1





#7

Phenol-d6

Concen: 155.282 ng

RT: 6.516 min Scan# 734

Delta R.T. 0.011 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 624813

Ion Ratio Lower Upper

99 100

42 16.4 13.0 19.4

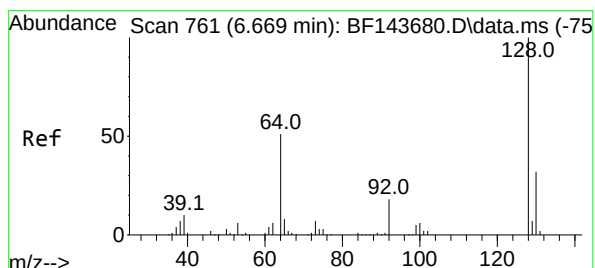
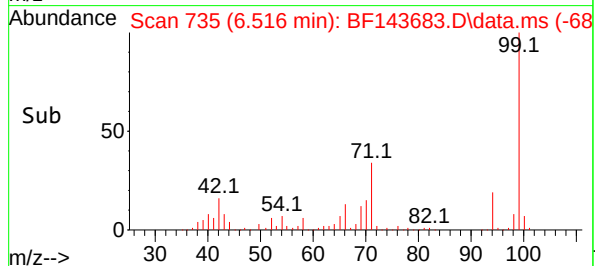
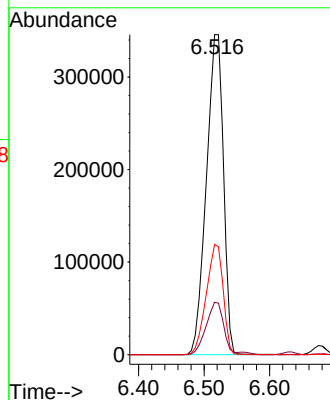
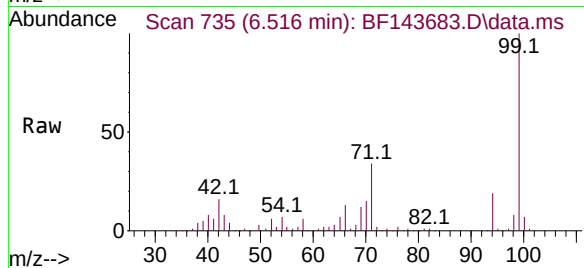
71 34.4 27.4 41.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#8

2-Chlorophenol

Concen: 79.429 ng

RT: 6.675 min Scan# 762

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

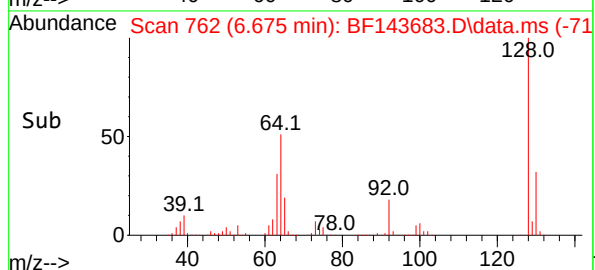
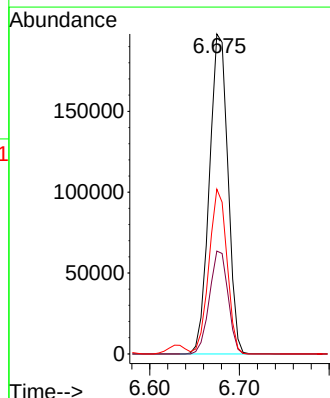
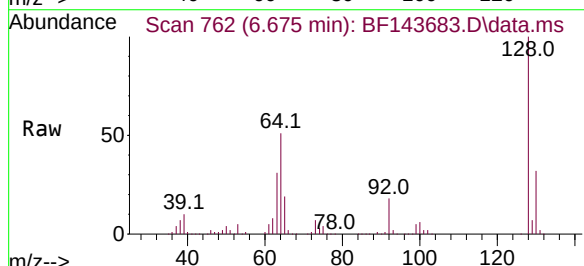
Tgt Ion:128 Resp: 283491

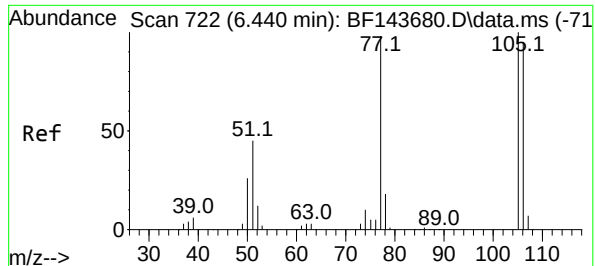
Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

64 51.5 31.9 71.9





#9

Benzaldehyde

Concen: 78.850 ng

RT: 6.445 min Scan# 721

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 255985

Ion Ratio Lower Upper

77 100

105 100.5 81.7 121.7

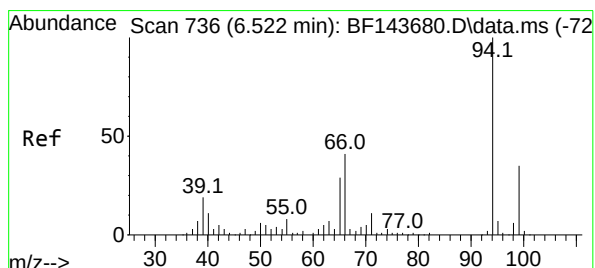
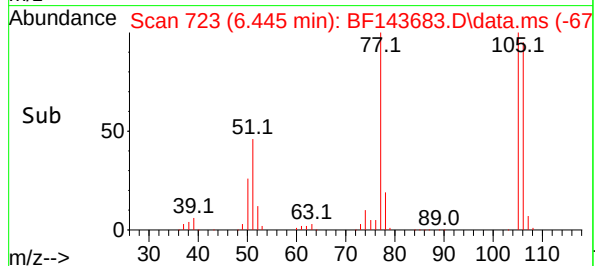
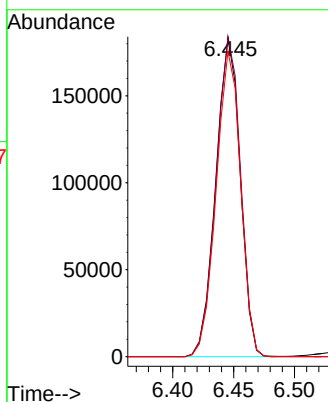
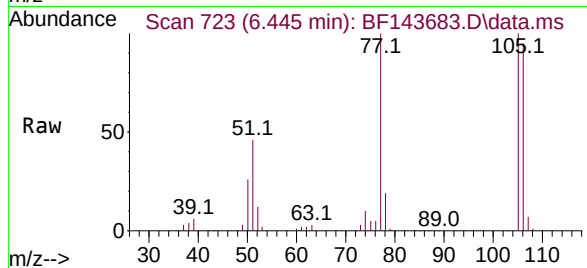
106 95.9 76.9 116.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#10

Phenol

Concen: 77.819 ng m

RT: 6.534 min Scan# 738

Delta R.T. 0.011 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

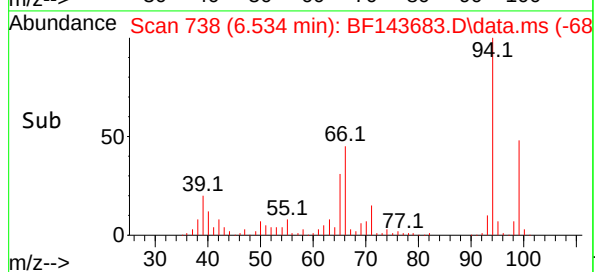
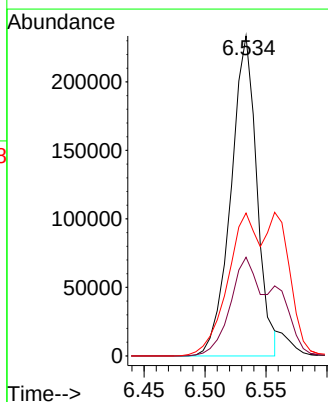
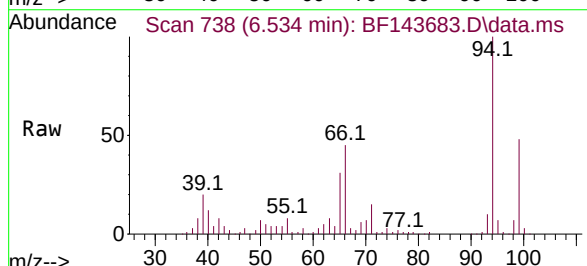
Tgt Ion: 94 Resp: 346126

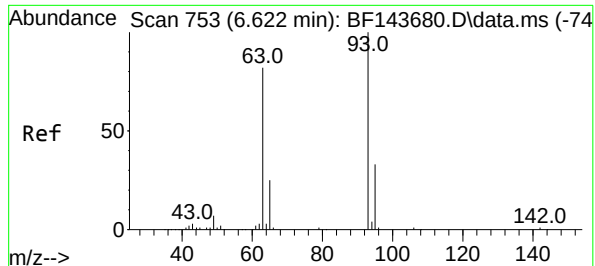
Ion Ratio Lower Upper

94 100

65 30.8 9.1 49.1

66 44.6 20.8 60.8





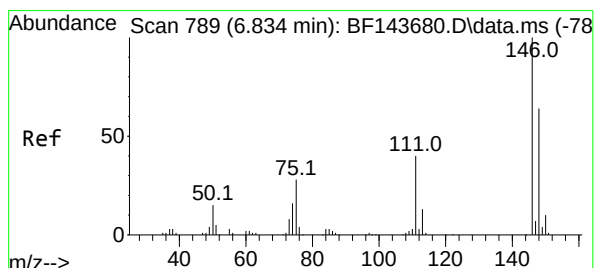
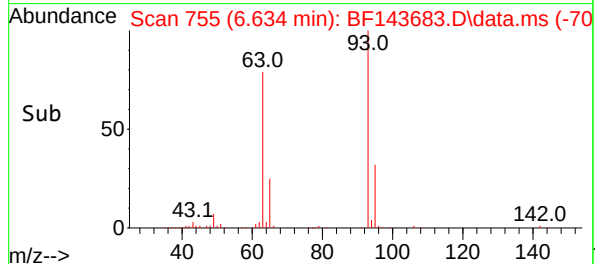
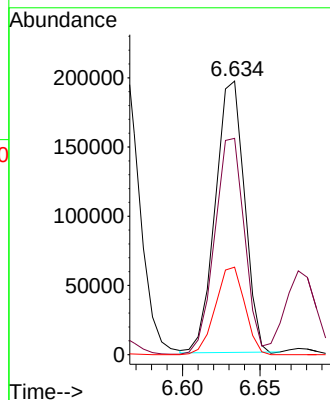
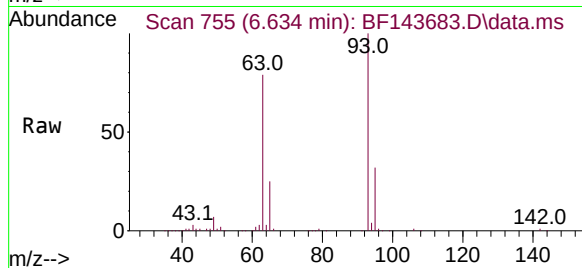
#11
bis(2-Chloroethyl)ether
Concen: 77.590 ng
RT: 6.634 min Scan# 753
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 257746
Ion Ratio Lower Upper
93 100
63 79.0 61.8 101.8
95 32.0 12.6 52.6

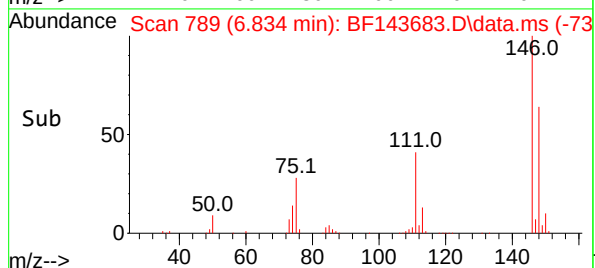
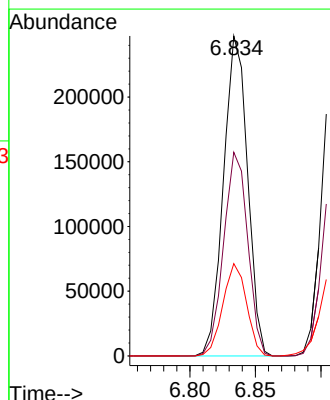
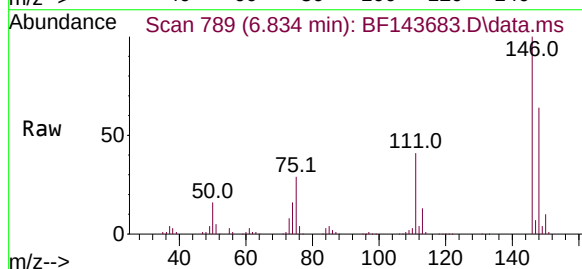
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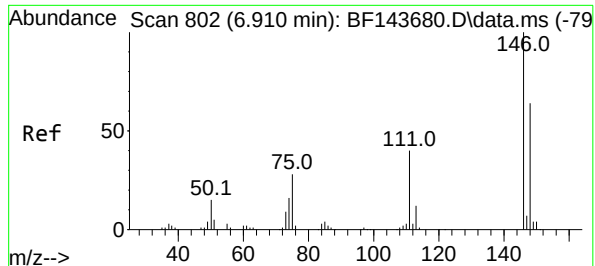
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#12
1,3-Dichlorobenzene
Concen: 77.209 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Tgt Ion:146 Resp: 315159
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 28.8 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 76.379 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 314684

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

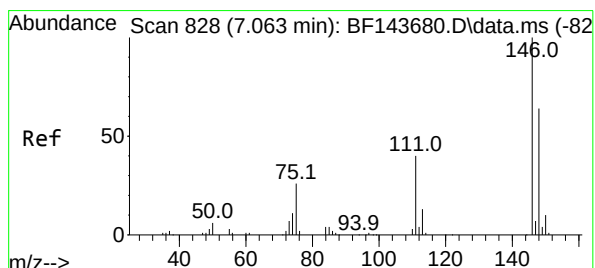
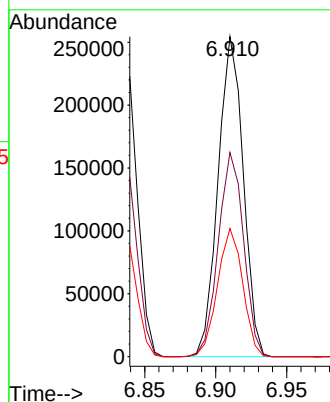
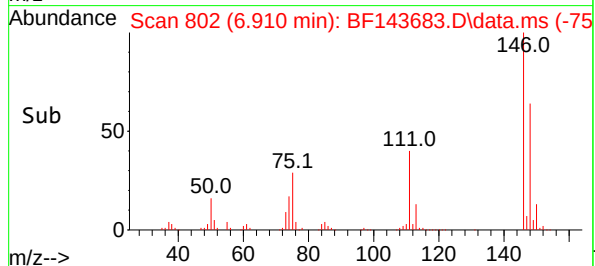
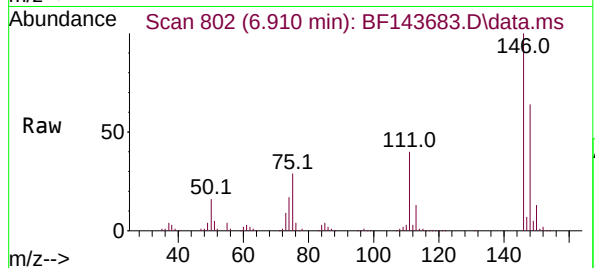
111 40.0 31.8 47.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#14

1,2-Dichlorobenzene

Concen: 76.670 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

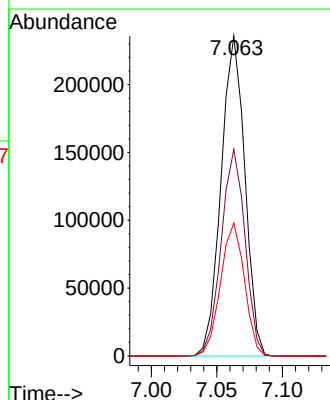
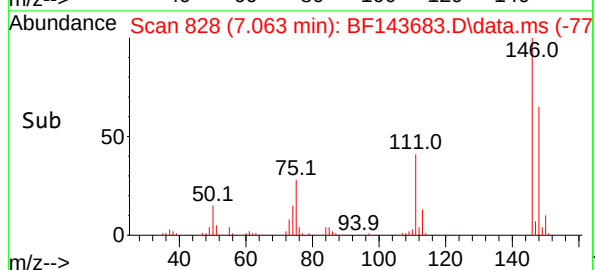
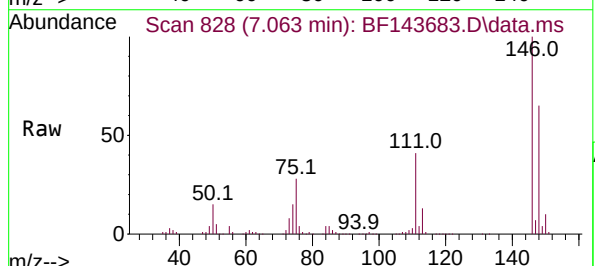
Tgt Ion:146 Resp: 298298

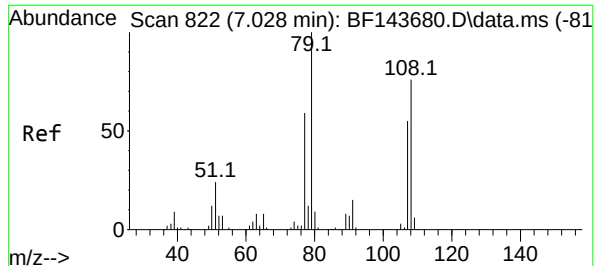
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

111 41.5 32.3 48.5





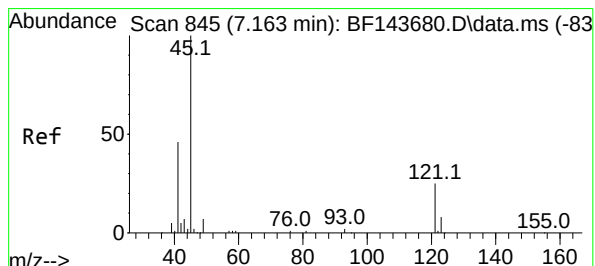
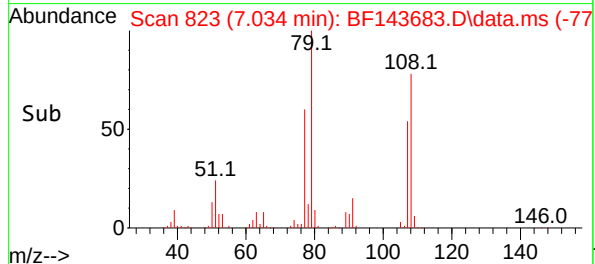
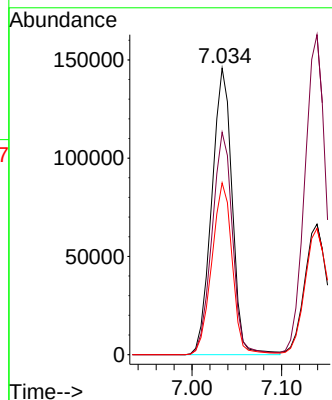
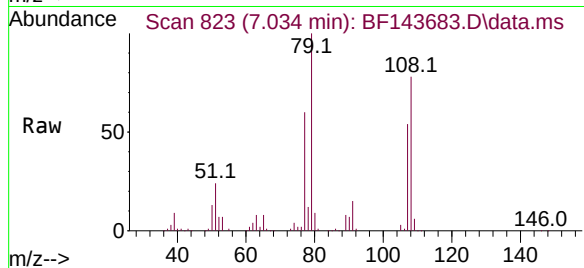
#15
Benzyl Alcohol
Concen: 78.590 ng
RT: 7.034 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 230026
Ion Ratio Lower Upper
79 100
108 77.6 60.9 91.3
77 60.0 47.4 71.2

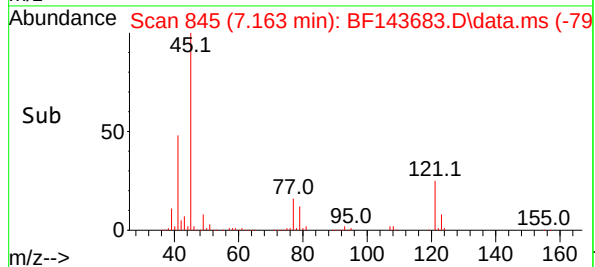
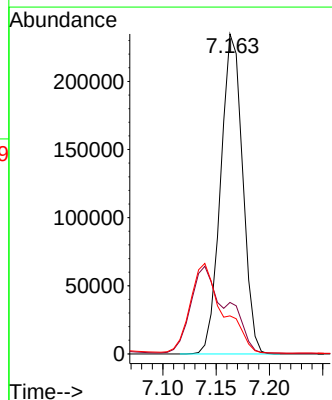
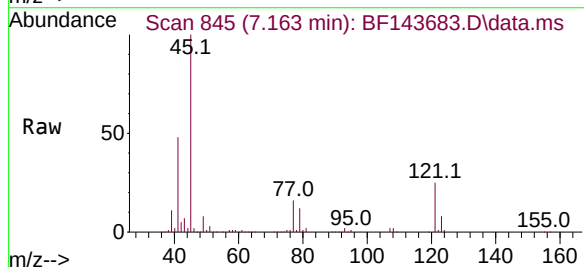
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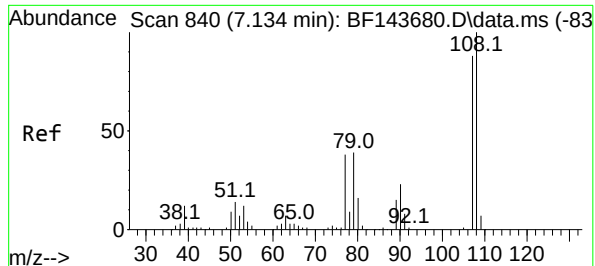
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.591 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

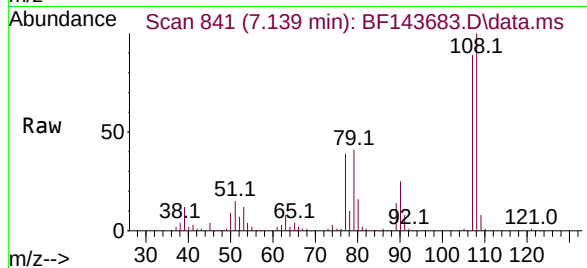
Tgt Ion: 45 Resp: 337215
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.6
79 11.9 0.0 31.3





#17
2-Methylphenol
Concen: 80.110 ng
RT: 7.139 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

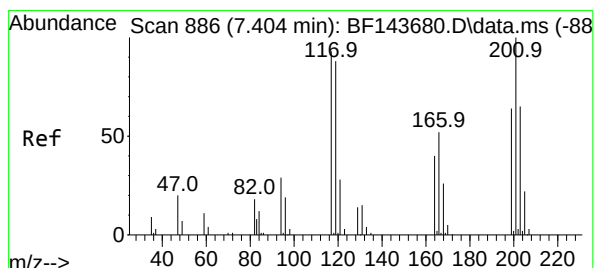
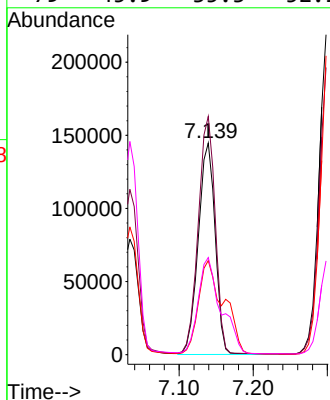
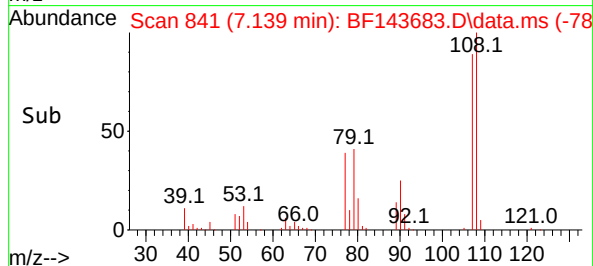
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 230000
Ion Ratio Lower Upper
107 100
108 112.6 90.9 136.3
77 44.4 34.4 51.6
79 45.9 35.3 52.9

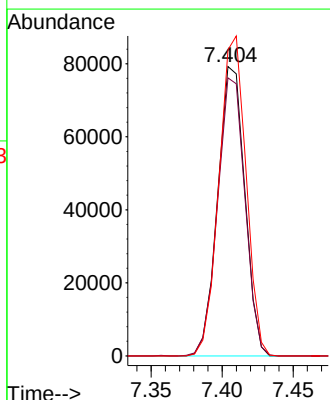
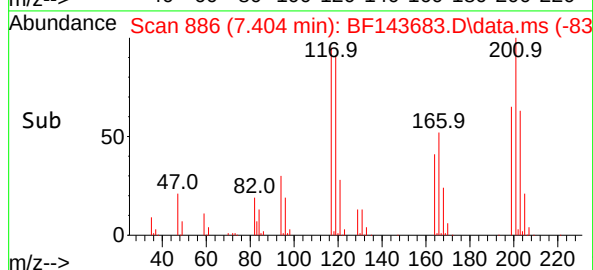
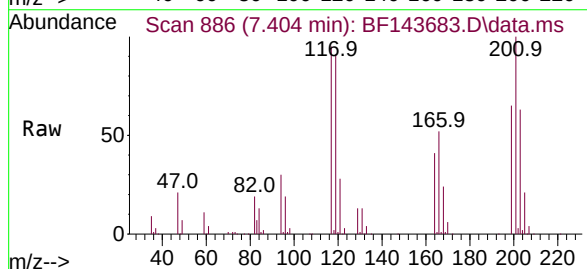
Manual Integrations
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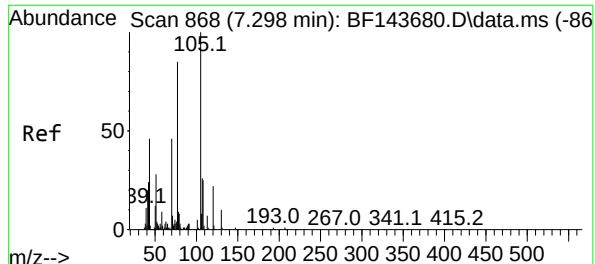
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#18
Hexachloroethane
Concen: 79.044 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

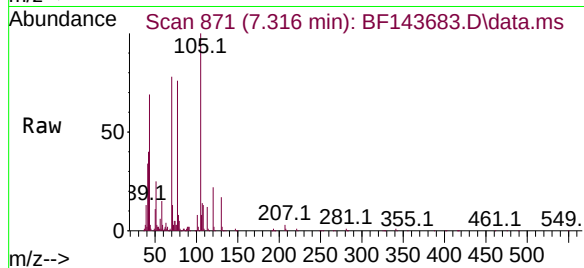
Tgt Ion:117 Resp: 105200
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2
201 105.8 86.4 129.6





#19
n-Nitroso-di-n-propylamine
Concen: 78.023 ng
RT: 7.316 min Scan# 81
Delta R.T. 0.017 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

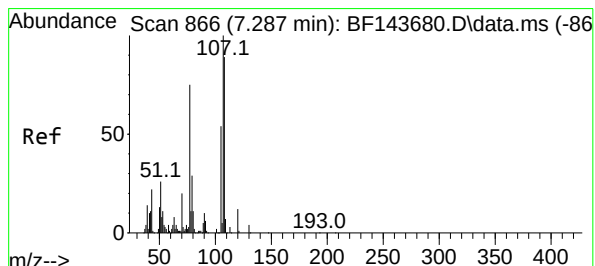
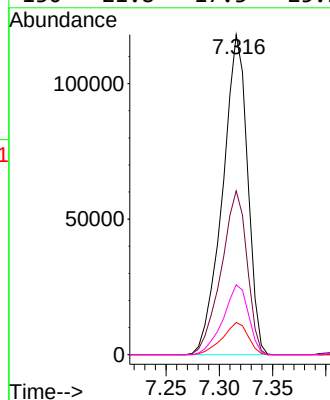
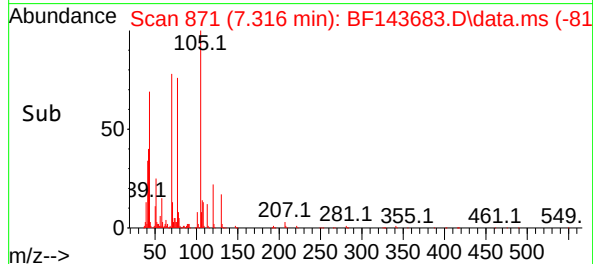
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



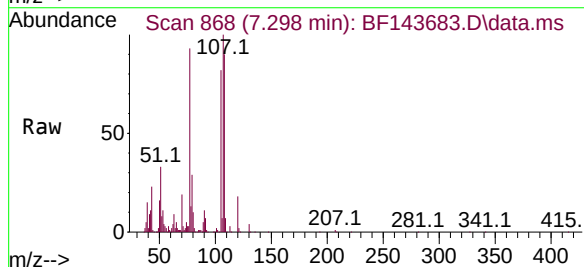
Tgt Ion: 70 Resp: 192814
Ion Ratio Lower Upper
70 100
42 51.2 41.4 62.2
101 10.0 8.1 12.1
130 21.8 17.3 25.9

Manual Integrations
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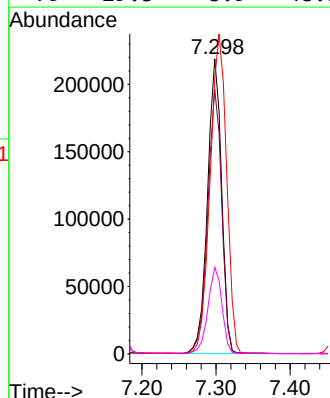
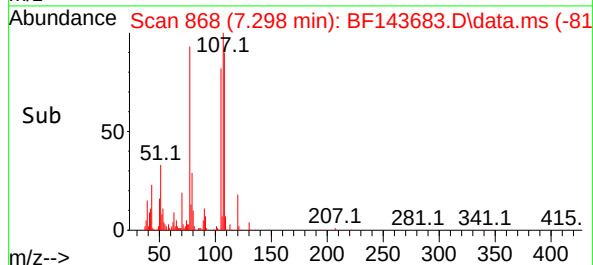
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

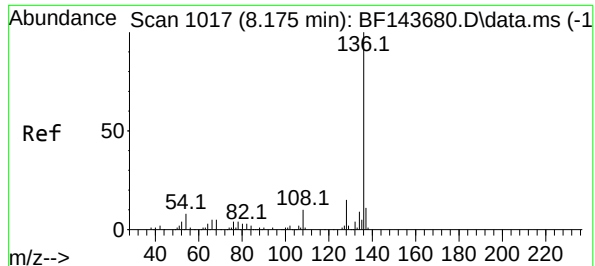


#20
3+4-Methylphenols
Concen: 76.353 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54



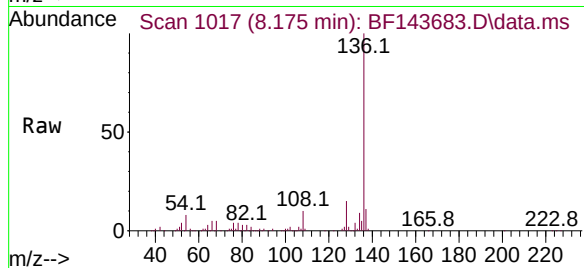
Tgt Ion:107 Resp: 288678
Ion Ratio Lower Upper
107 100
108 89.7 68.6 108.6
77 93.4 54.6 94.6
79 29.3 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

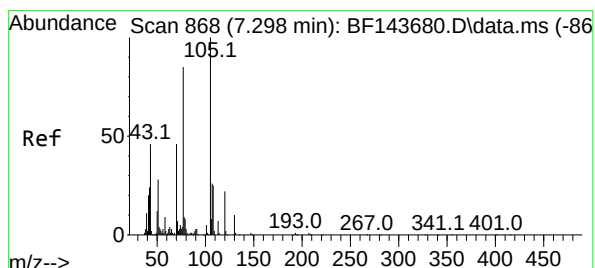
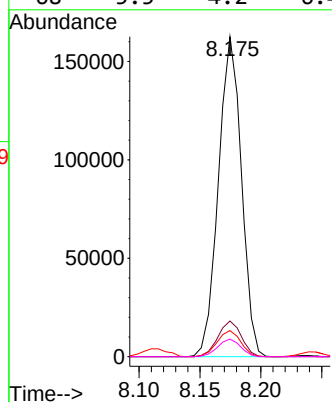
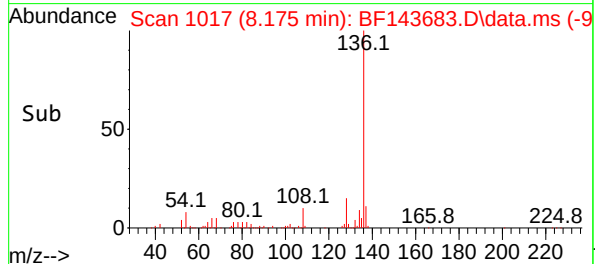
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:136 Resp: 21361
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.2 6.2 9.2
68 5.5 4.2 6.4

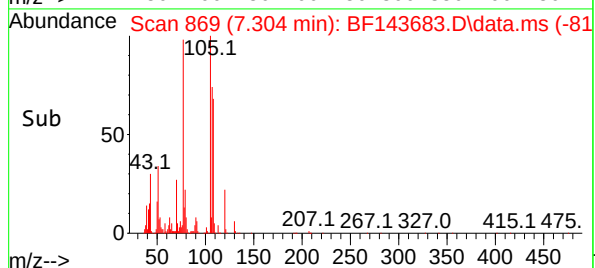
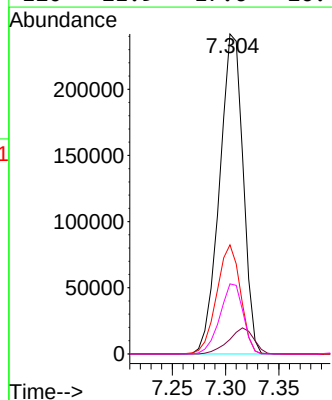
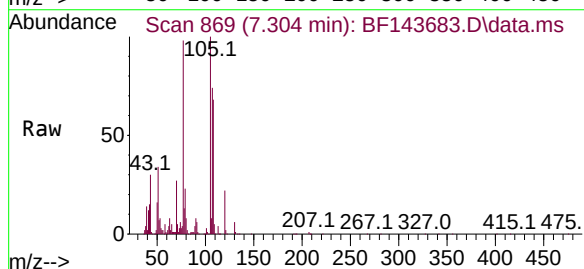
Manual Integrations
APPROVED

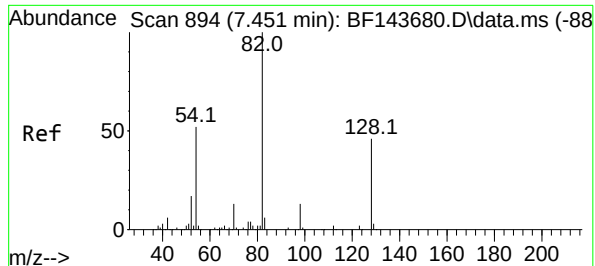
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#22
Acetophenone
Concen: 76.965 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Tgt Ion:105 Resp: 371310
Ion Ratio Lower Upper
105 100
71 4.5 5.9 8.9#
51 34.1 22.4 33.6#
120 21.9 17.6 26.4





#23

Nitrobenzene-d5

Concen: 162.838 ng

RT: 7.463 min Scan# 894

Delta R.T. 0.011 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 559223

Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.4

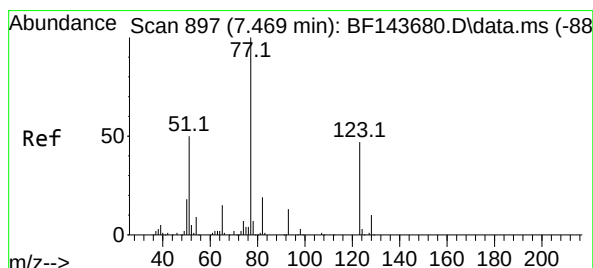
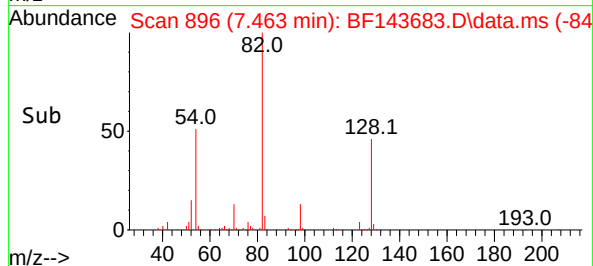
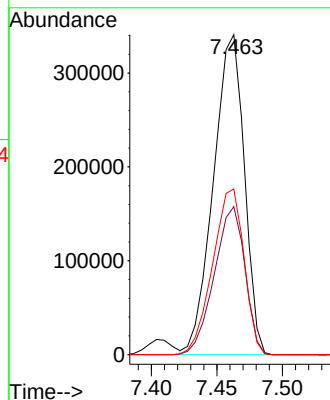
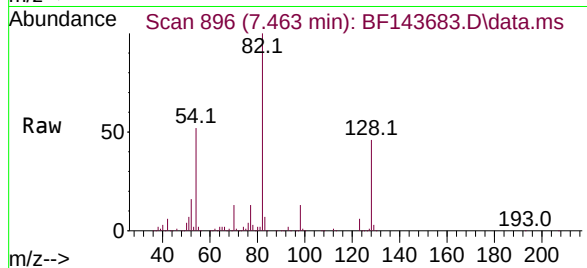
54 51.8 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#24

Nitrobenzene

Concen: 79.794 ng

RT: 7.481 min Scan# 899

Delta R.T. 0.011 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

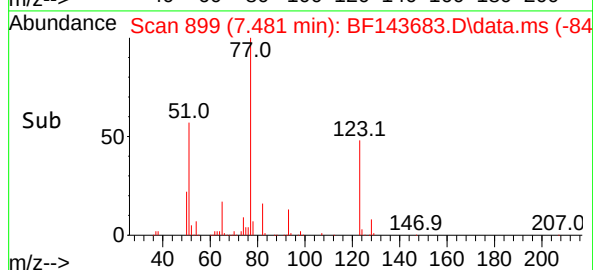
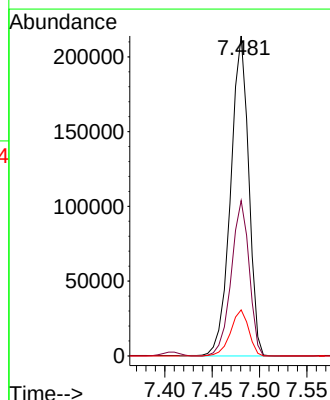
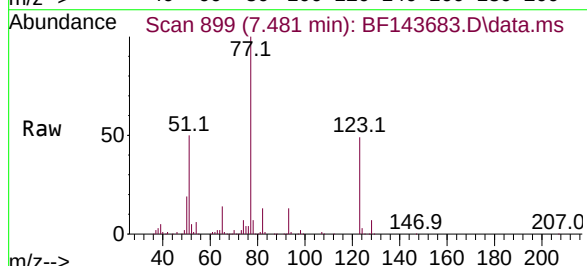
Tgt Ion: 77 Resp: 284138

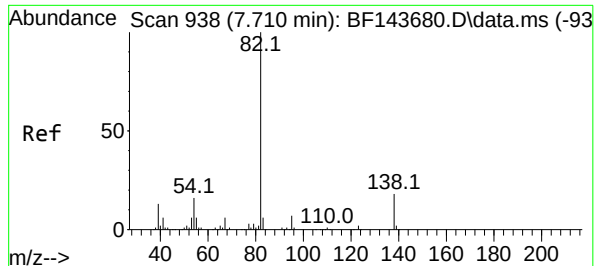
Ion Ratio Lower Upper

77 100

123 48.5 37.4 56.0

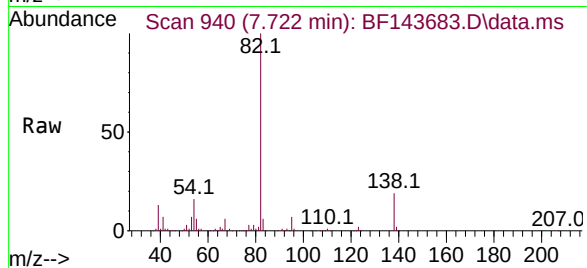
65 14.4 11.6 17.4





#25
Isophorone
Concen: 80.197 ng
RT: 7.722 min Scan# 941
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

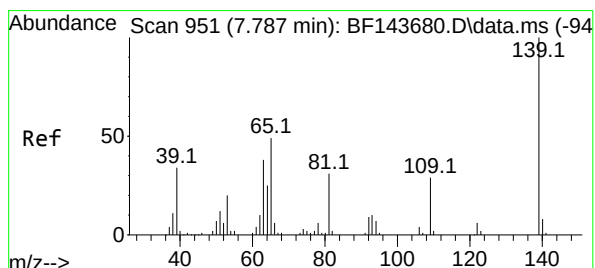
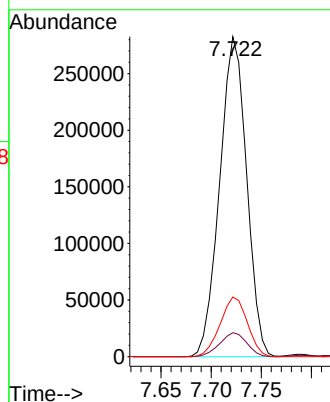
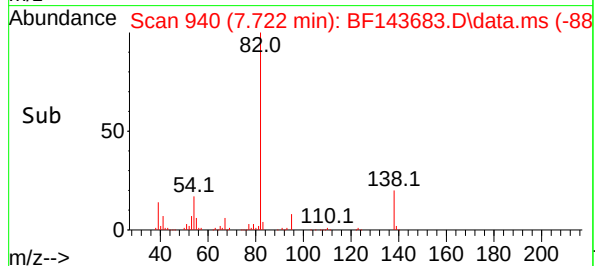
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 52812
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 18.6 14.8 22.2

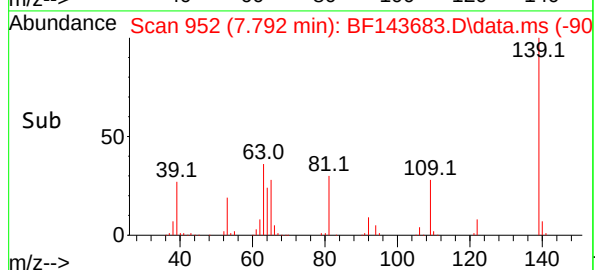
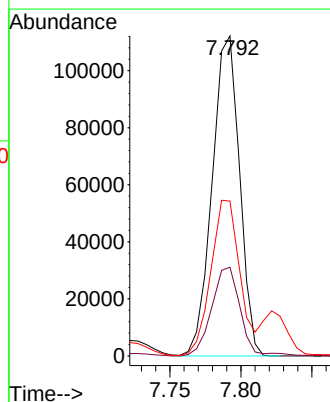
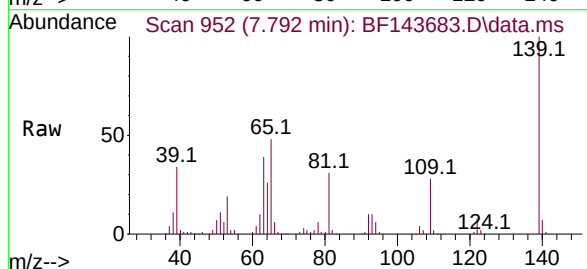
Manual Integrations
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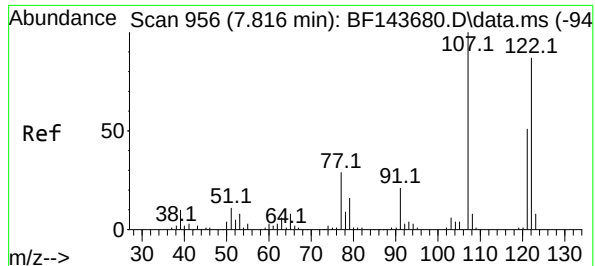
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 86.090 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Tgt Ion:139 Resp: 150727
Ion Ratio Lower Upper
139 100
109 27.7 22.8 34.2
65 48.4 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 78.096 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

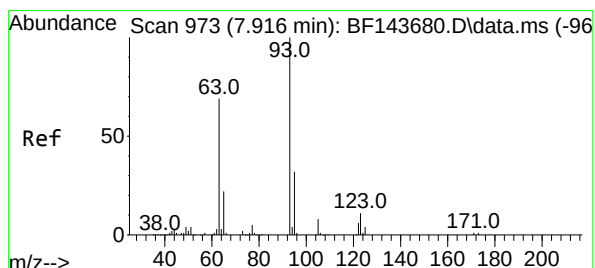
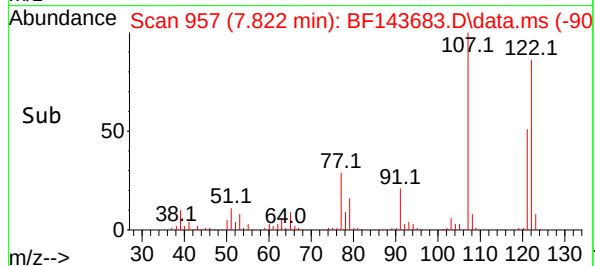
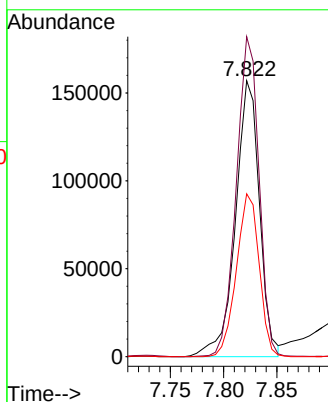
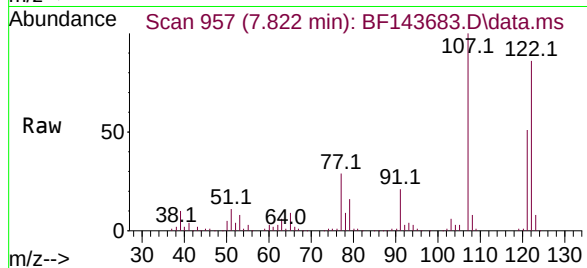
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.0	92.1	138.1
121	59.0	46.9	70.3

Manual Integrations

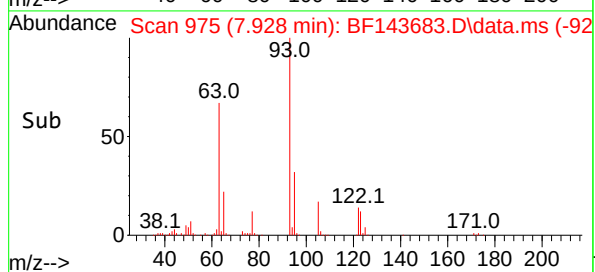
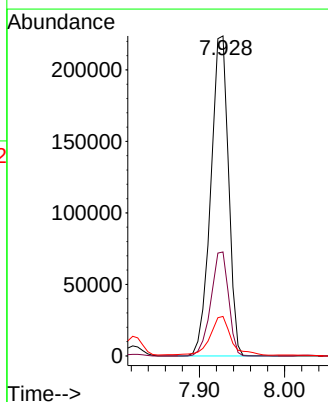
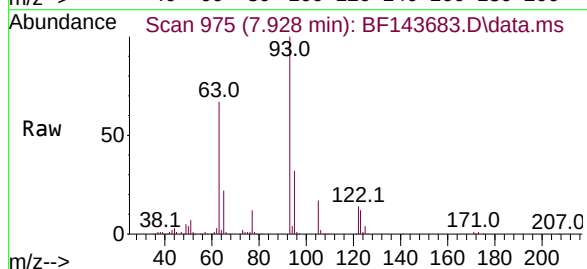
APPROVED

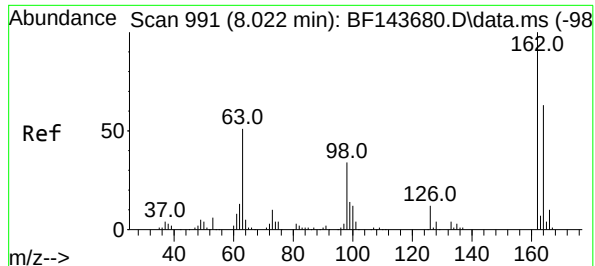
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 79.814 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	12.3	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 80.128 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 253340

Ion Ratio Lower Upper

162 100

164 63.6 43.0 83.0

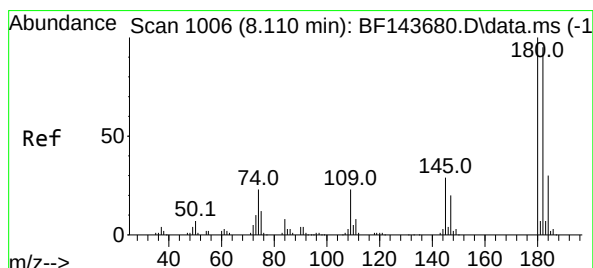
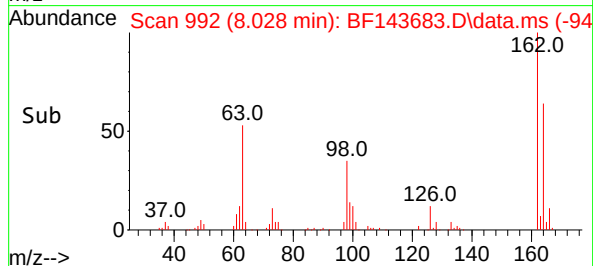
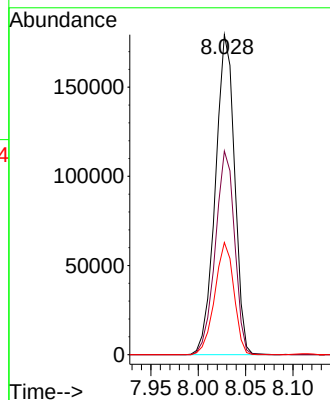
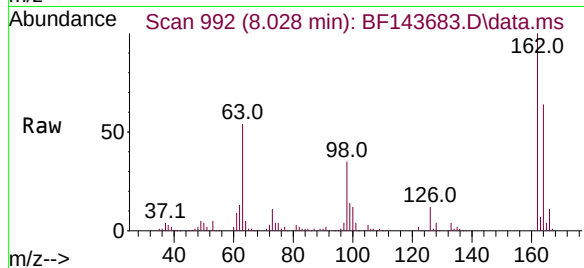
98 35.0 13.8 53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 78.277 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

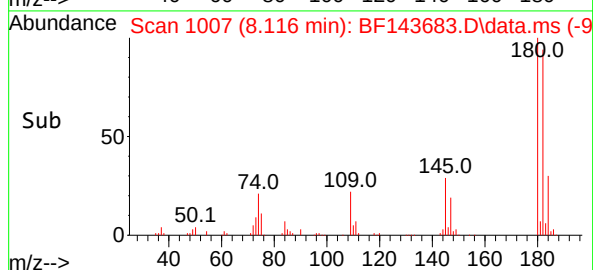
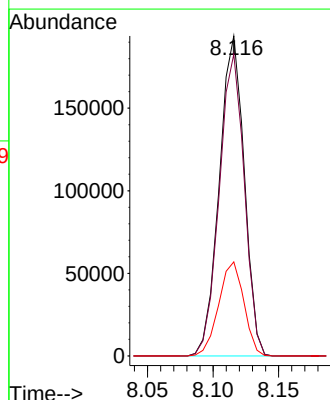
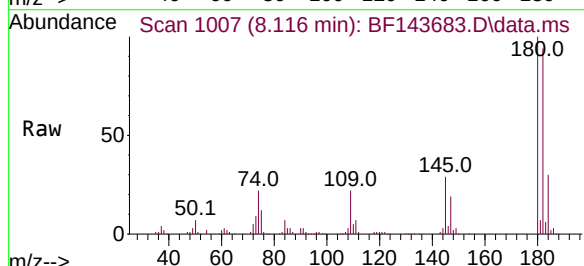
Tgt Ion:180 Resp: 256397

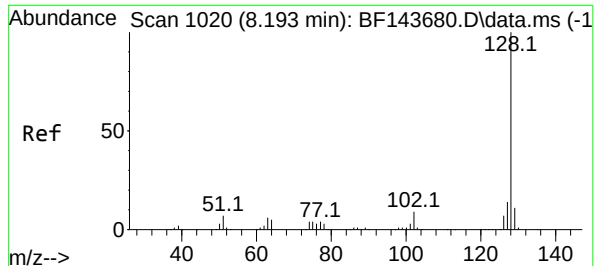
Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.4

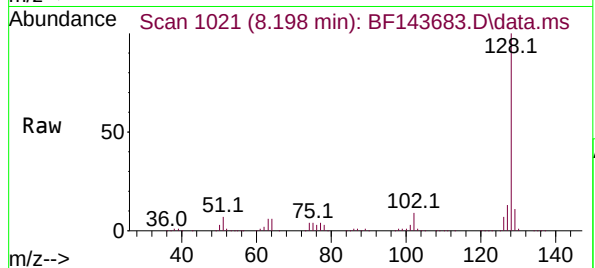
145 29.4 23.2 34.8





#31
Naphthalene
Concen: 77.417 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

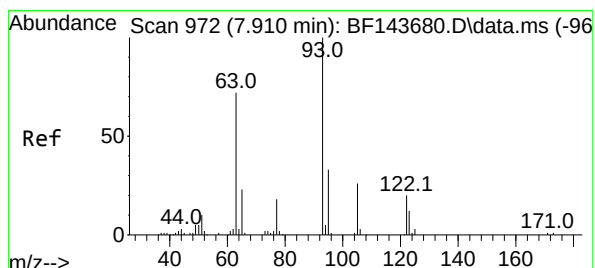
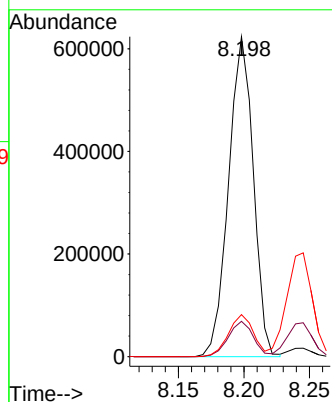
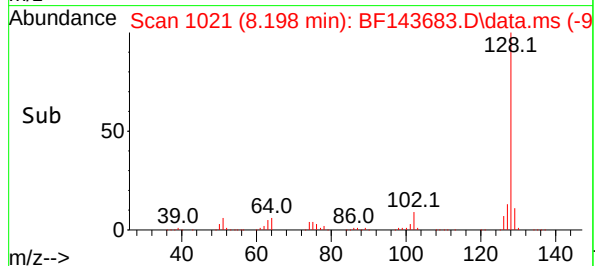
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 818642
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.9 16.3

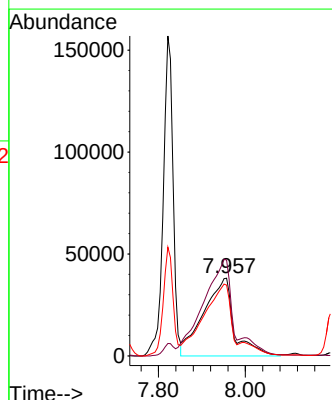
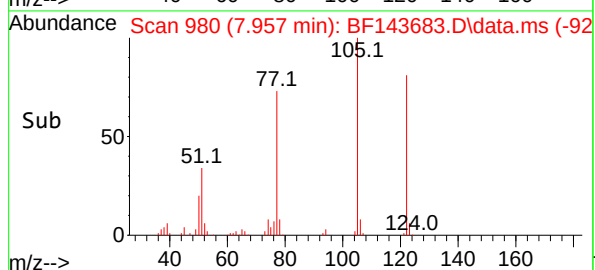
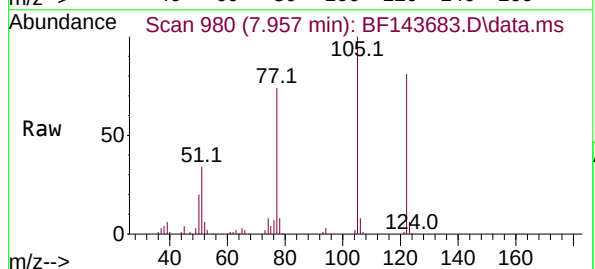
Manual Integrations
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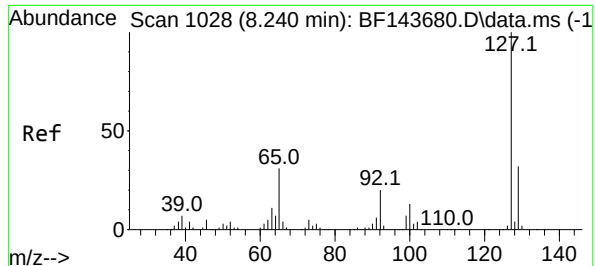
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#32
Benzoic acid
Concen: 97.074 ng m
RT: 7.957 min Scan# 980
Delta R.T. 0.047 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Tgt Ion:122 Resp: 186144
Ion Ratio Lower Upper
122 100
105 123.4 105.2 145.2
77 91.1 72.0 112.0





#33

4-Chloroaniline

Concen: 77.235 ng

RT: 8.245 min Scan# 1029

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 28432

Ion Ratio Lower Upper

127 100

129 32.6 26.0 39.0

65 32.0 24.6 36.8

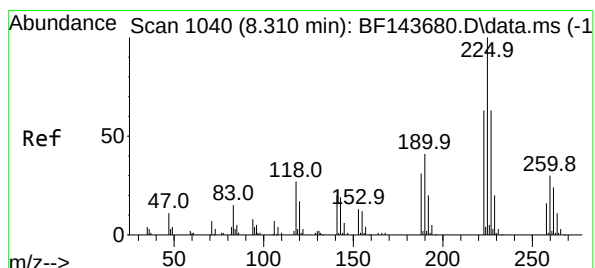
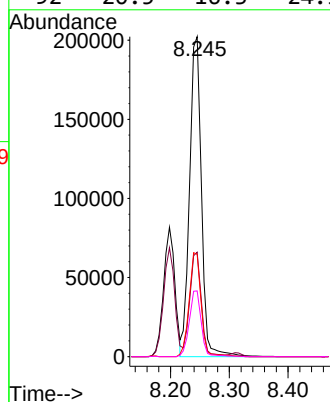
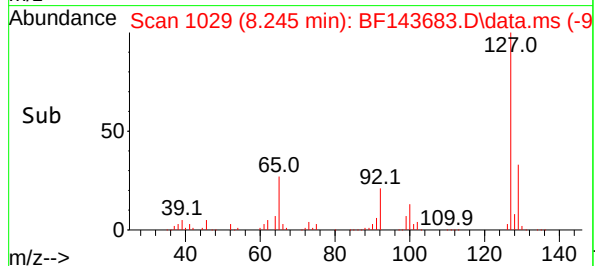
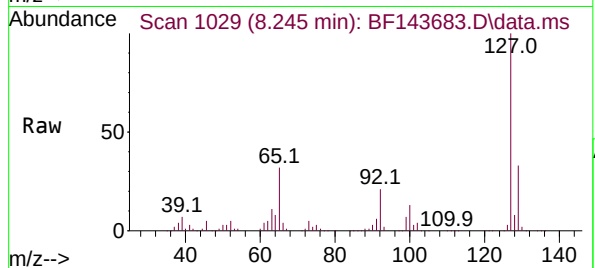
92 20.5 16.3 24.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#34

Hexachlorobutadiene

Concen: 78.469 ng

RT: 8.316 min Scan# 1041

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

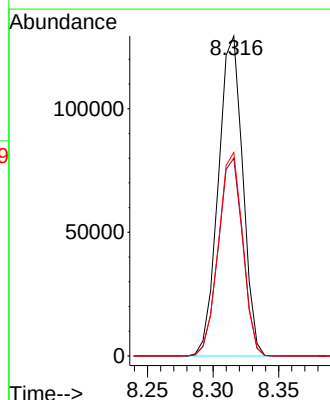
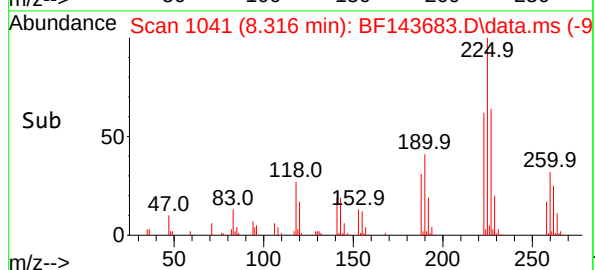
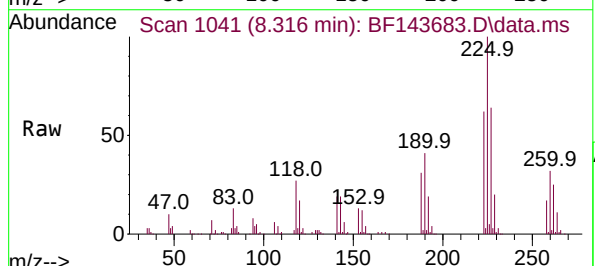
Tgt Ion:225 Resp: 167644

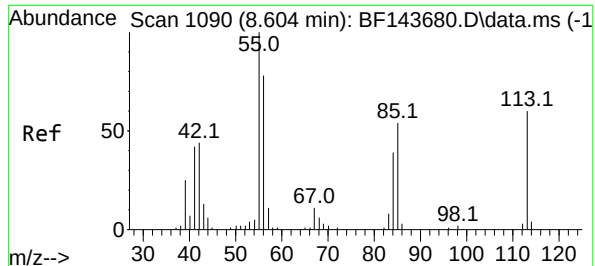
Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

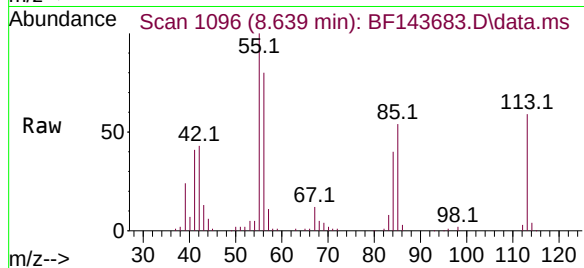
227 63.6 50.8 76.2





#35
Caprolactam
Concen: 82.827 ng
RT: 8.639 min Scan# 1096
Delta R.T. 0.035 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

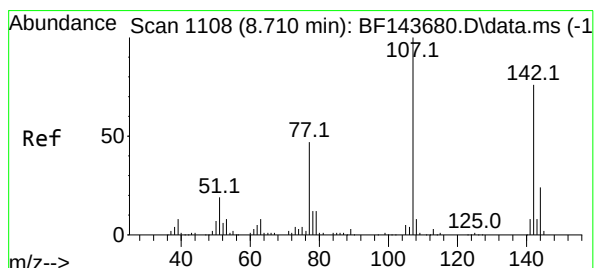
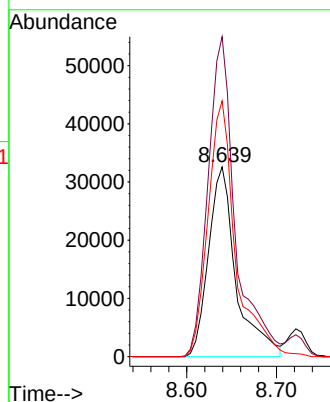
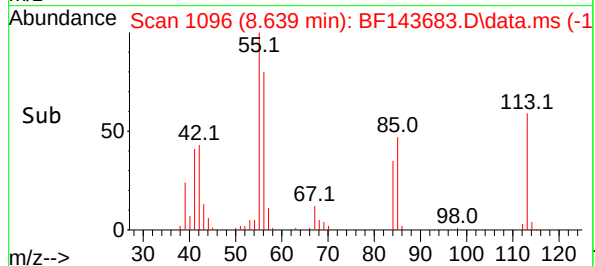
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



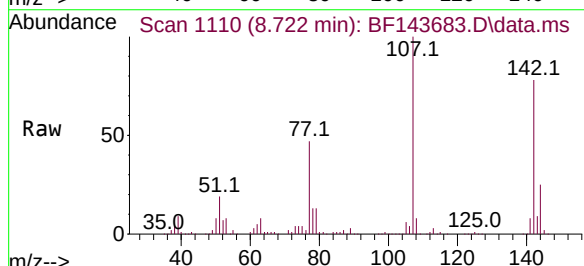
Tgt Ion:113 Resp: 69698
Ion Ratio Lower Upper
113 100
55 168.7 148.9 188.9
56 134.8 112.8 152.8

Manual Integrations
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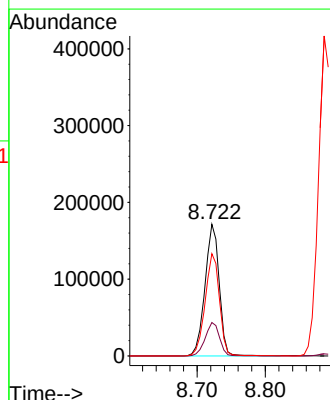
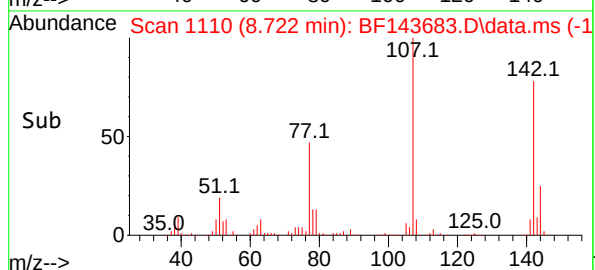
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

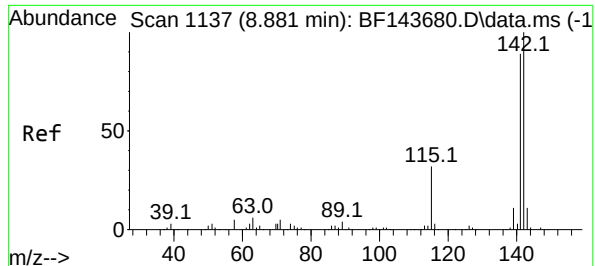


#36
4-Chloro-3-methylphenol
Concen: 79.866 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54



Tgt Ion:107 Resp: 248979
Ion Ratio Lower Upper
107 100
144 25.3 19.4 29.2
142 77.7 60.6 91.0





#37

2-Methylnaphthalene

Concen: 76.261 ng

RT: 8.886 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 552024

Ion Ratio Lower Upper

142 100

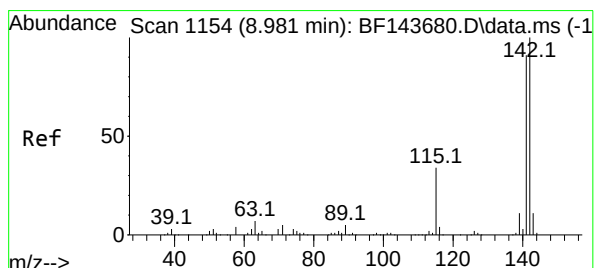
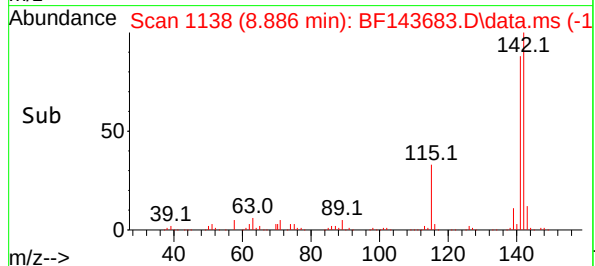
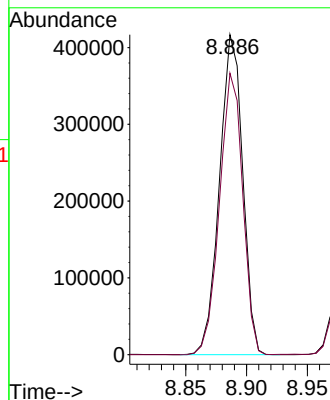
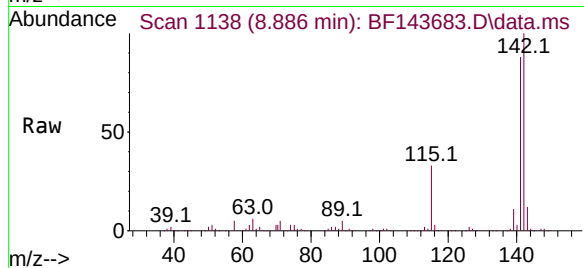
141 87.9 71.1 106.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#38

1-Methylnaphthalene

Concen: 75.984 ng

RT: 8.986 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BF143683.D

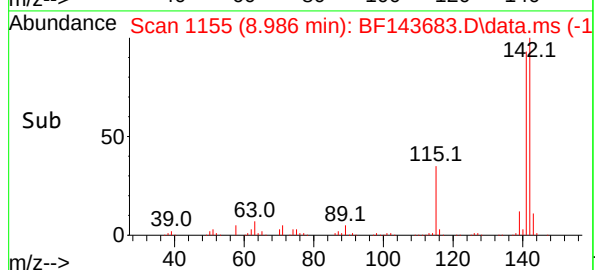
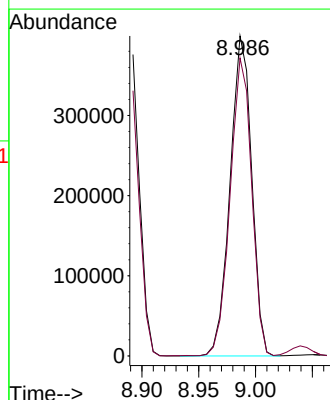
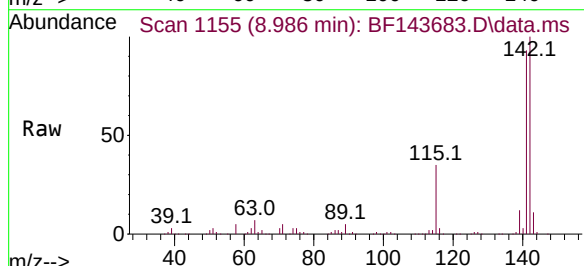
Acq: 09 Sep 2025 13:54

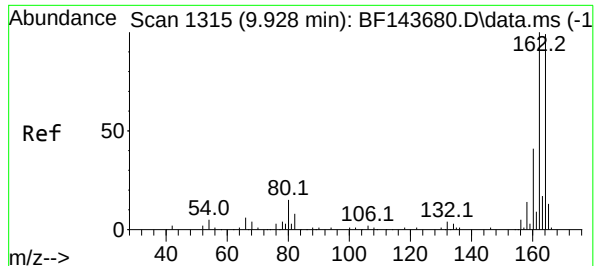
Tgt Ion:142 Resp: 527838

Ion Ratio Lower Upper

142 100

141 93.1 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF143683.D

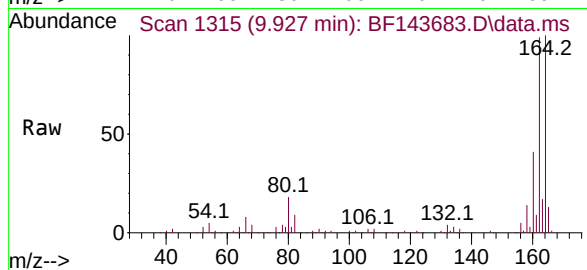
Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 124115

Ion Ratio Lower Upper

164 100

162 98.8 80.6 121.0

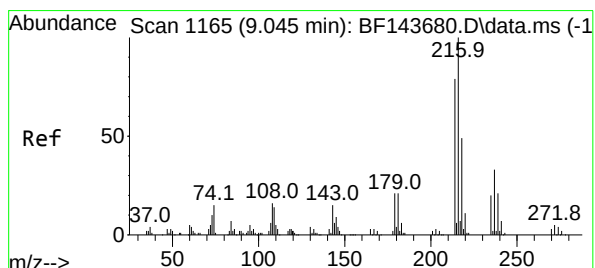
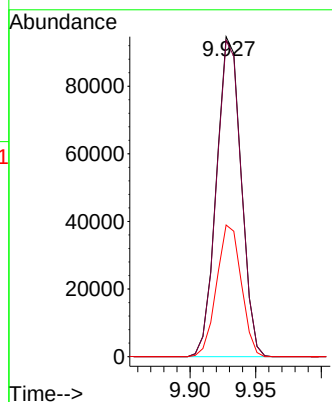
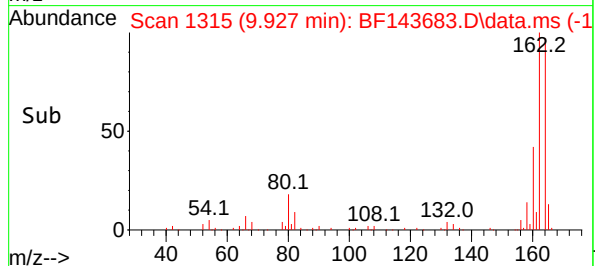
160 41.1 33.0 49.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#40

1,2,4,5-Tetrachlorobenzene

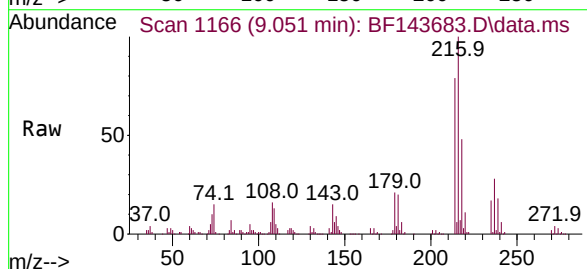
Concen: 76.281 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54



Tgt Ion:216 Resp: 271043

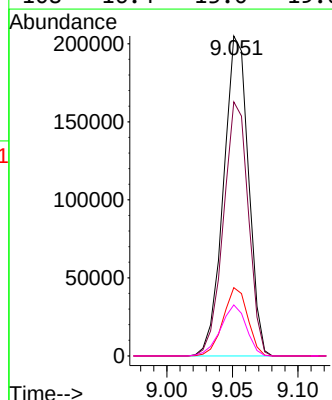
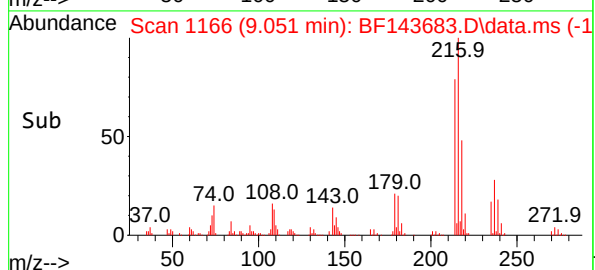
Ion Ratio Lower Upper

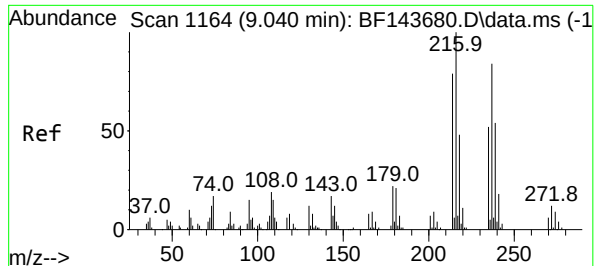
216 100

214 79.2 63.2 94.8

179 20.9 16.8 25.2

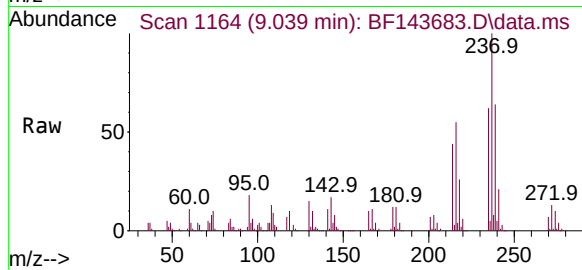
108 16.4 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 80.108 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

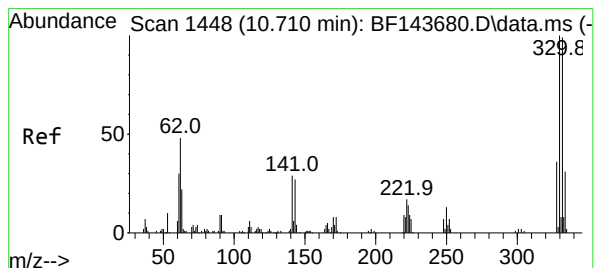
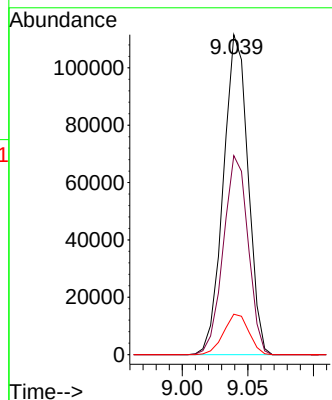
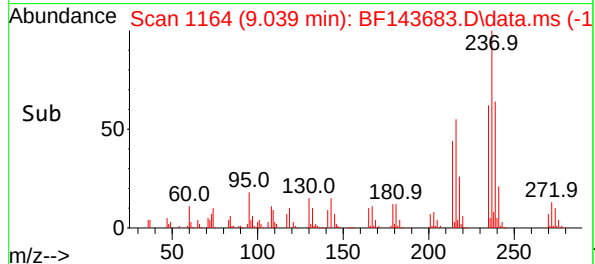
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



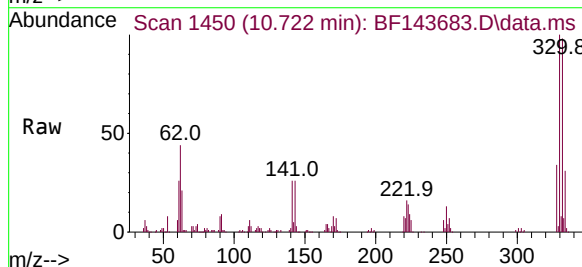
Tgt Ion: 237 Resp: 146134
Ion Ratio Lower Upper
237 100
235 62.2 41.6 81.6
272 12.6 0.0 33.9

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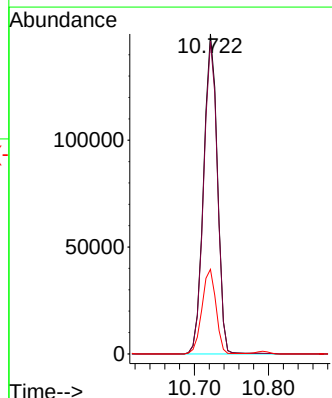
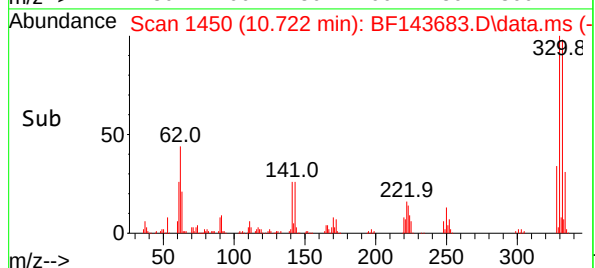
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

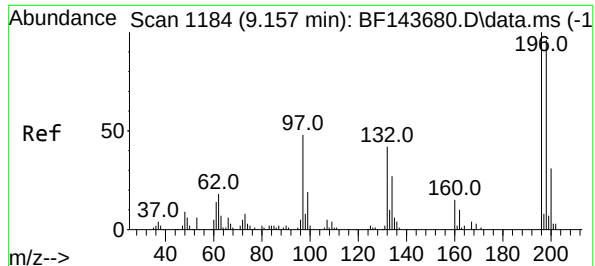


#42
2,4,6-Tribromophenol
Concen: 154.564 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54



Tgt Ion: 330 Resp: 193329
Ion Ratio Lower Upper
330 100
332 97.6 79.2 118.8
141 26.8 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 79.850 ng

RT: 9.163 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

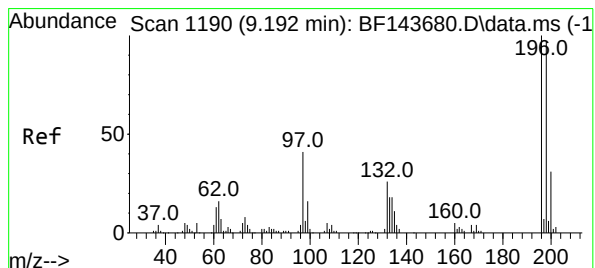
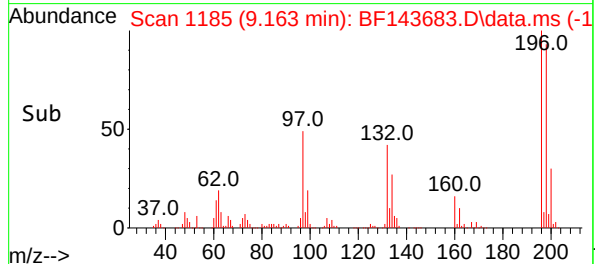
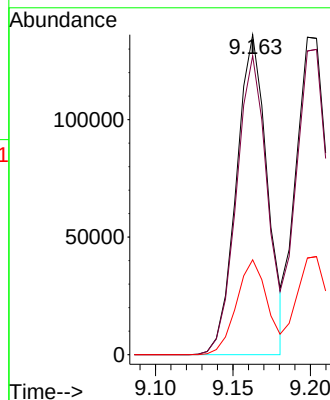
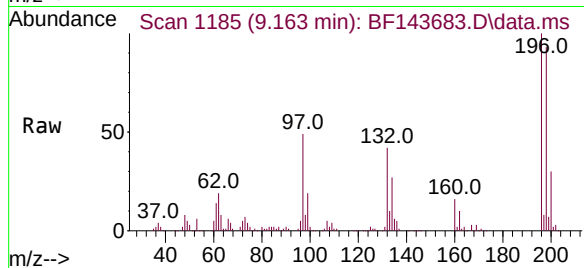
Tgt Ion:196	Resp:	18945
Ion Ratio	Lower	Upper
196	100	
198	93.4	76.5 114.7
200	29.6	24.5 36.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#44

2,4,5-Trichlorophenol

Concen: 78.619 ng

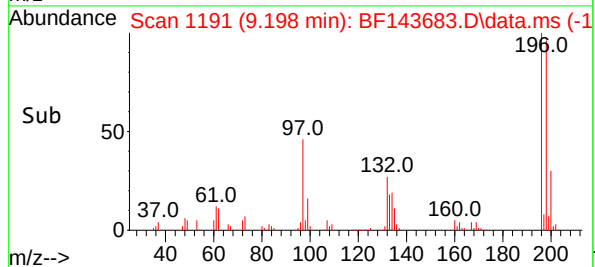
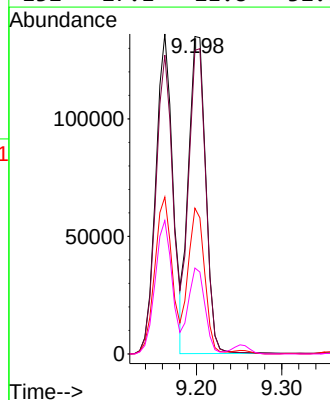
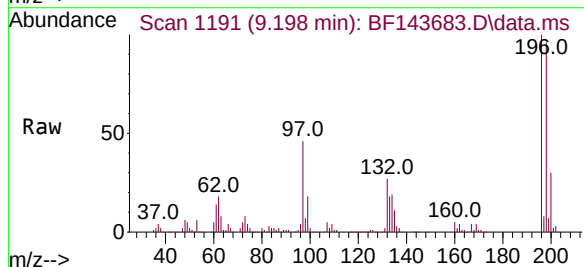
RT: 9.198 min Scan# 1191

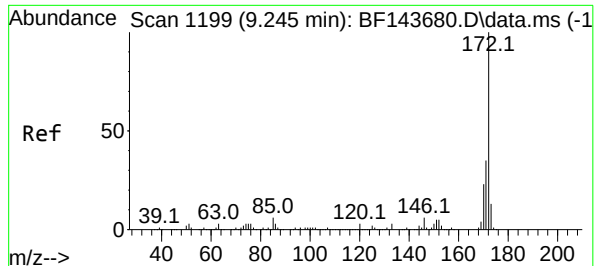
Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Tgt Ion:196	Resp:	189631
Ion Ratio	Lower	Upper
196	100	
198	95.7	77.0 115.6
97	45.9	34.2 51.4
132	27.1	21.8 32.6





#45

2-Fluorobiphenyl

Concen: 143.618 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 1179990

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

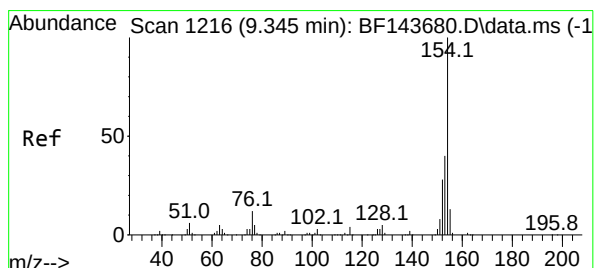
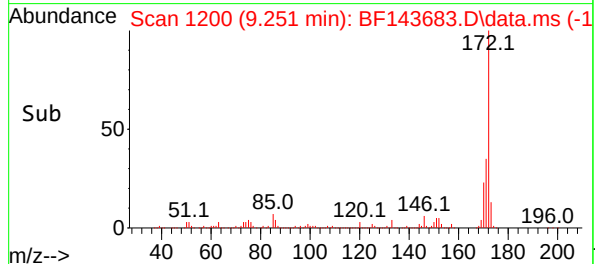
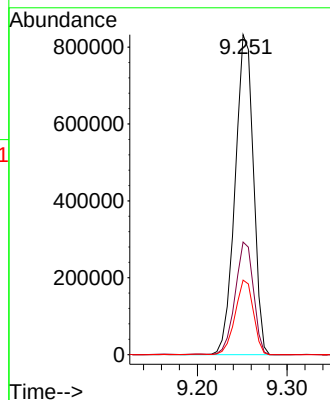
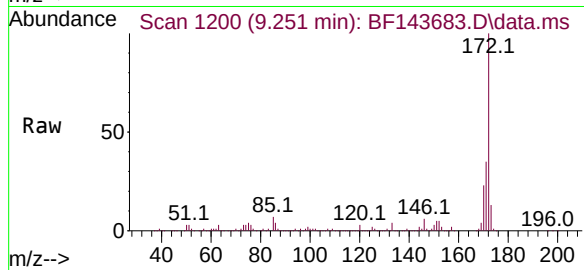
170 23.3 18.6 27.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#46

1,1'-Biphenyl

Concen: 74.617 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.011 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

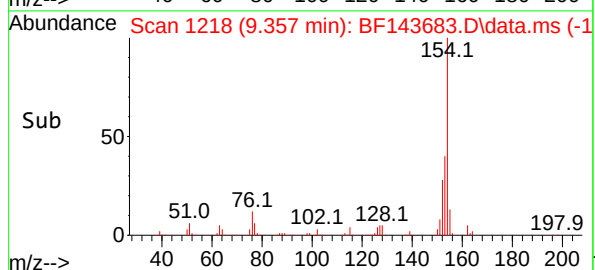
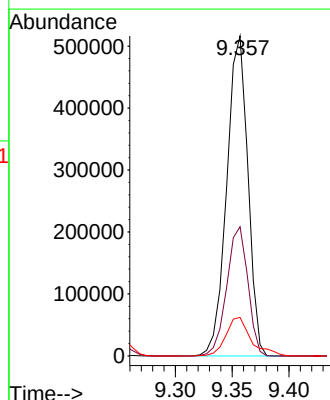
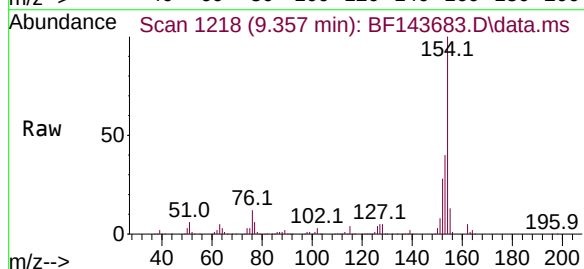
Tgt Ion:154 Resp: 666722

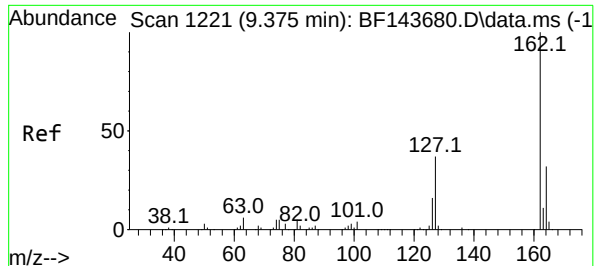
Ion Ratio Lower Upper

154 100

153 40.4 20.2 60.2

76 12.0 0.0 31.6





#47

2-Chloronaphthalene

Concen: 75.759 ng

RT: 9.380 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF143683.D

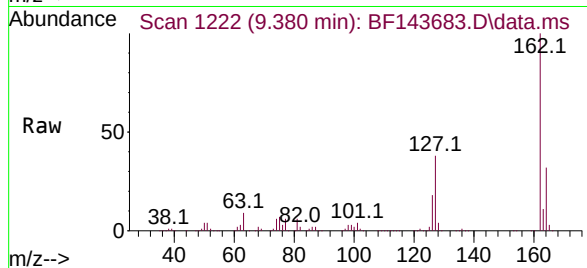
Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 530685

Ion Ratio Lower Upper

162 100

127 38.5 30.6 45.8

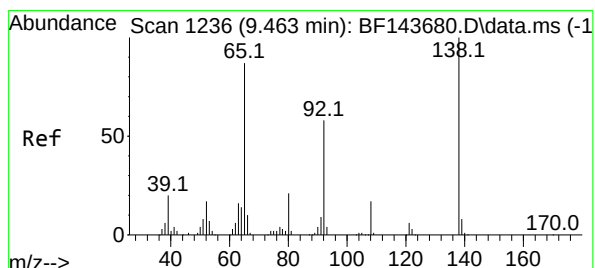
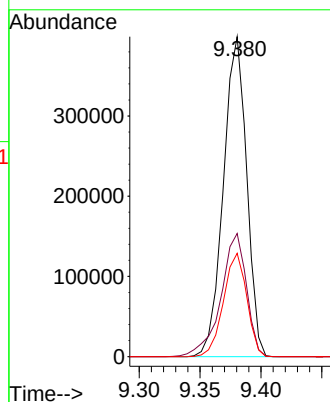
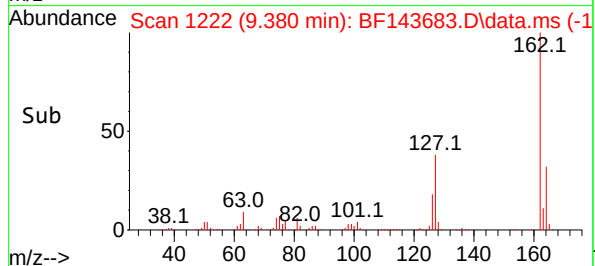
164 32.3 25.8 38.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#48

2-Nitroaniline

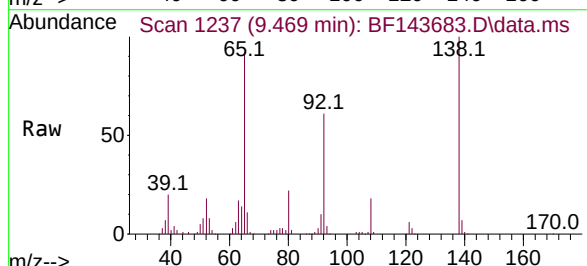
Concen: 82.062 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54



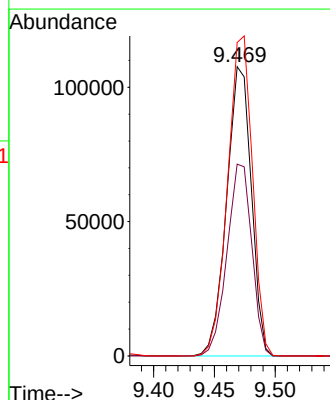
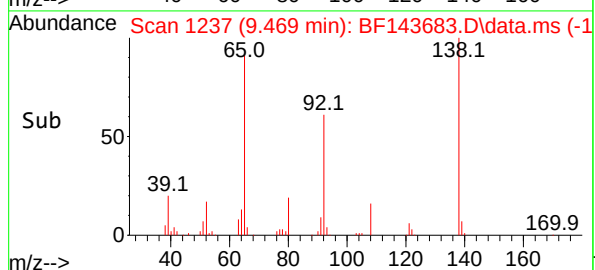
Tgt Ion: 65 Resp: 152123

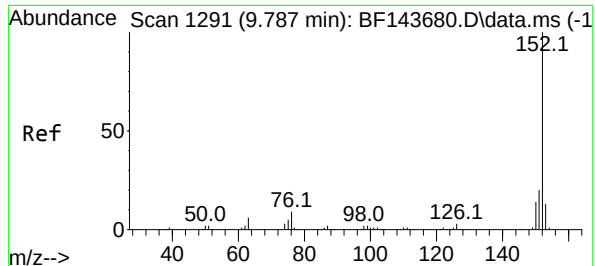
Ion Ratio Lower Upper

65 100

92 66.3 53.3 79.9

138 108.3 92.1 138.1





#49

Acenaphthylene

Concen: 75.664 ng

RT: 9.792 min Scan# 1292

Delta R.T. 0.006 min

Lab File: BF143683.D

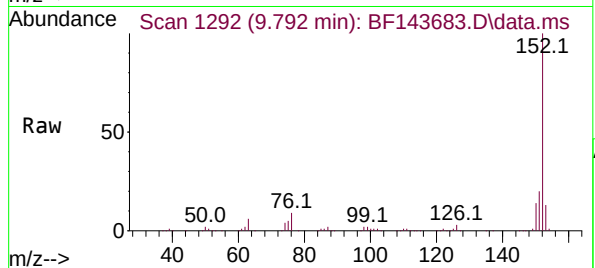
Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:152 Resp: 759223

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

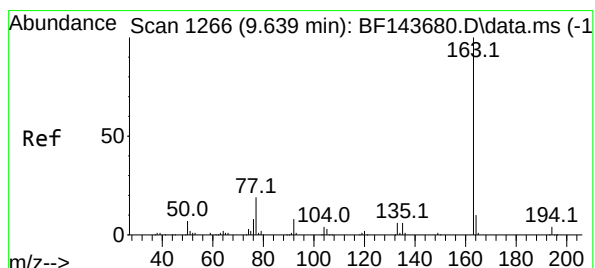
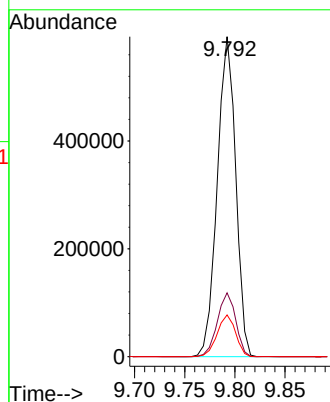
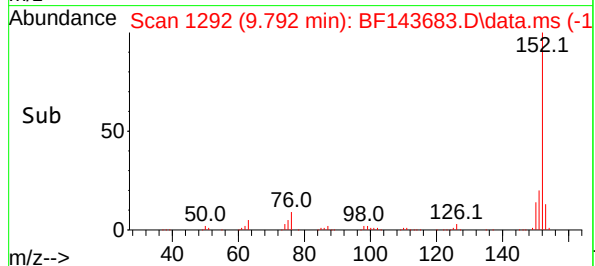
153 13.0 10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#50

Dimethylphthalate

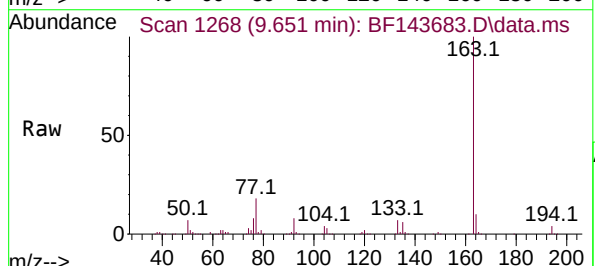
Concen: 76.436 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.011 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54



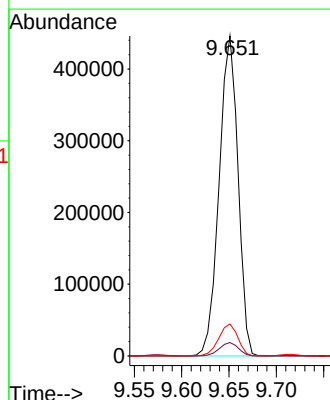
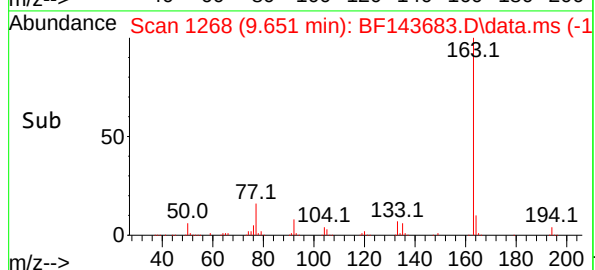
Tgt Ion:163 Resp: 617247

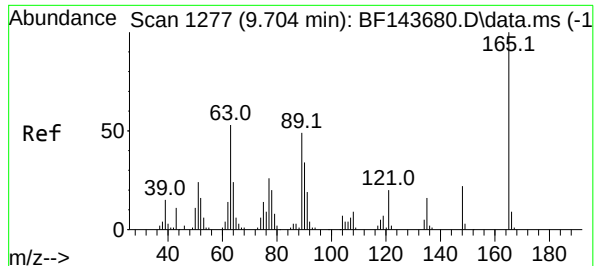
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

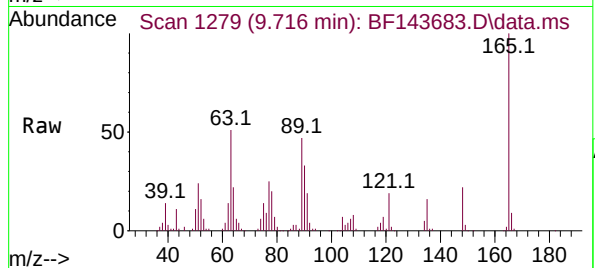
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 83.117 ng
RT: 9.716 min Scan# 1277
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

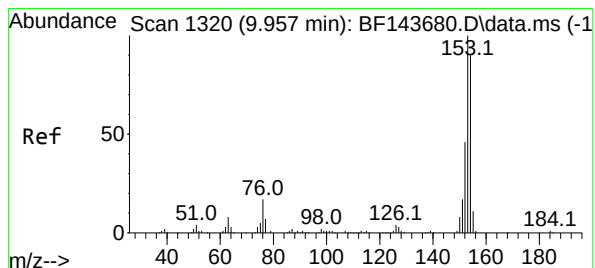
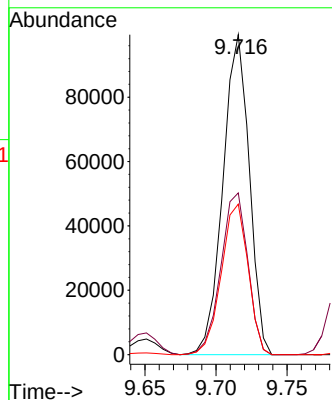
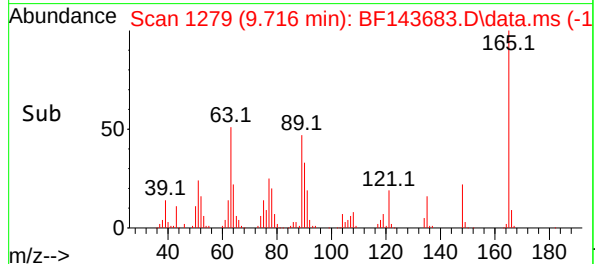
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 12833
Ion Ratio Lower Upper
165 100
63 50.5 42.2 63.4
89 47.0 39.3 58.9

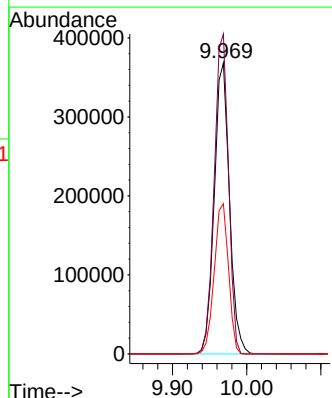
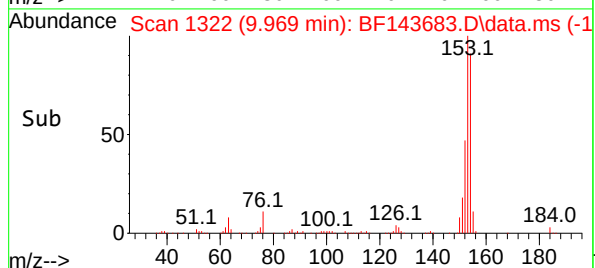
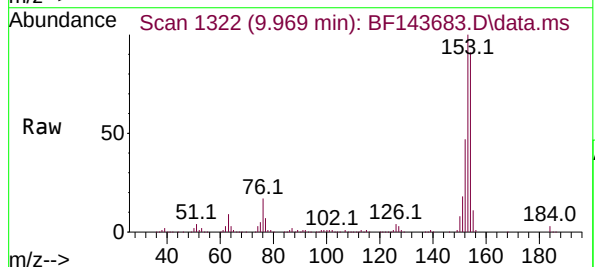
Manual Integrations
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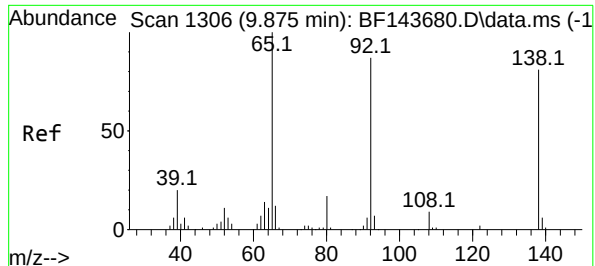
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#52
Acenaphthene
Concen: 76.080 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

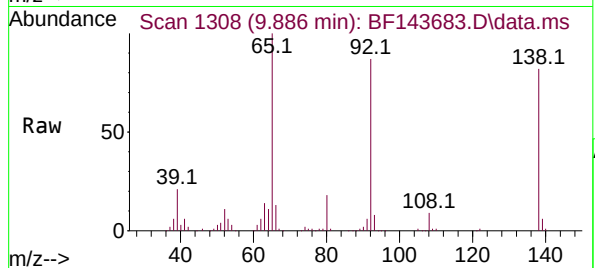
Tgt Ion:154 Resp: 526045
Ion Ratio Lower Upper
154 100
153 110.0 89.4 134.0
152 51.6 41.2 61.8





#53
3-Nitroaniline
Concen: 79.589 ng
RT: 9.886 min Scan# 1308
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

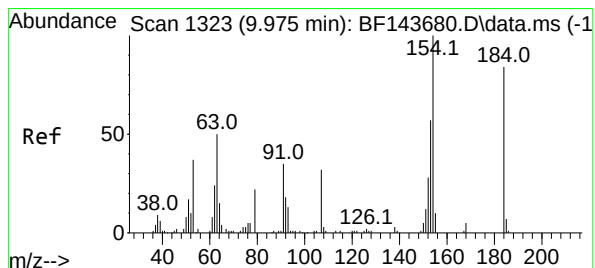
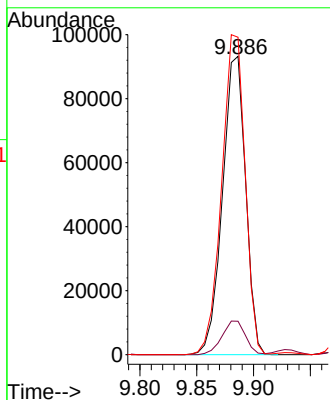
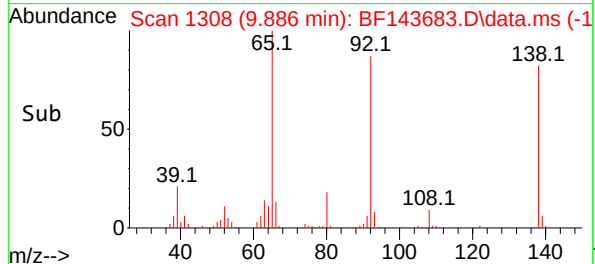
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 132242
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 106.4 85.5 128.3

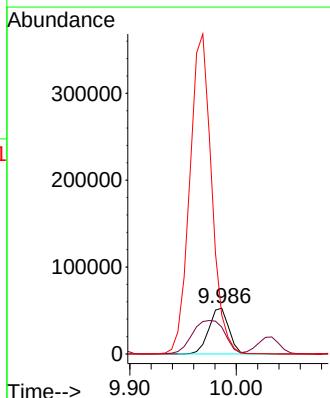
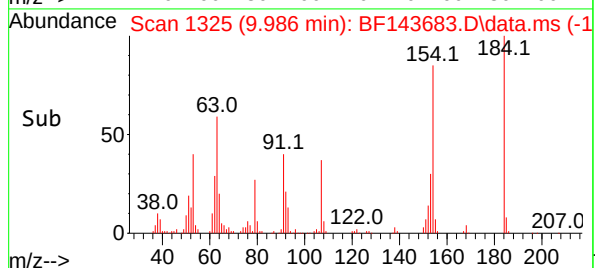
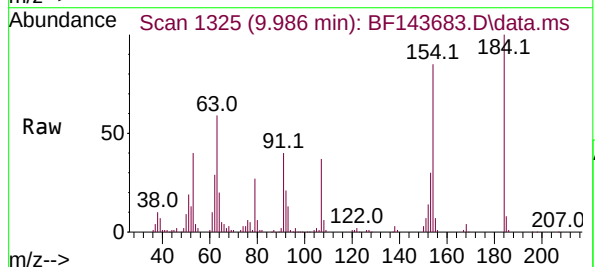
Manual Integrations
APPROVED

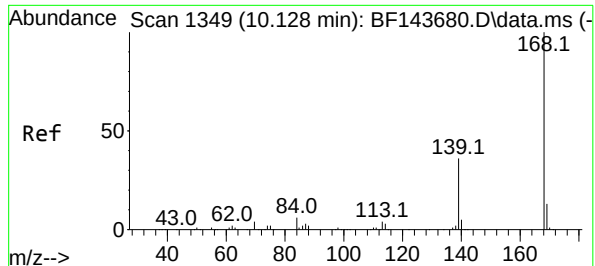
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#54
2,4-Dinitrophenol
Concen: 82.053 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Tgt Ion:184 Resp: 68283
Ion Ratio Lower Upper
184 100
63 58.6 52.7 79.1
154 85.3 136.6 204.8#





#55

Dibenzenofuran

Concen: 73.721 ng

RT: 10.139 min Scan# 1349

Delta R.T. 0.011 min

Lab File: BF143683.D

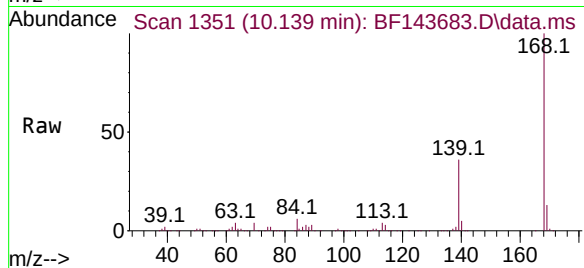
Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:168 Resp: 732979

Ion Ratio Lower Upper

168 100

139 35.8 29.0 43.4

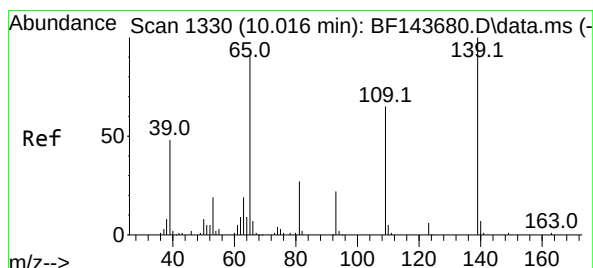
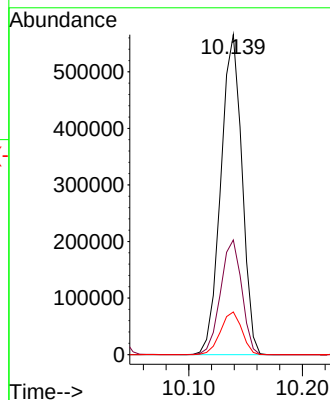
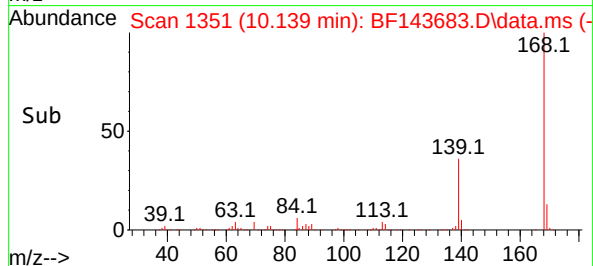
169 13.3 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#56

4-Nitrophenol

Concen: 79.683 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.017 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

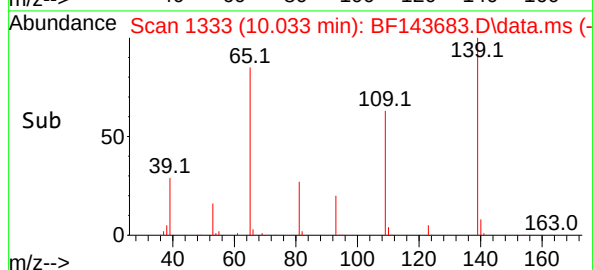
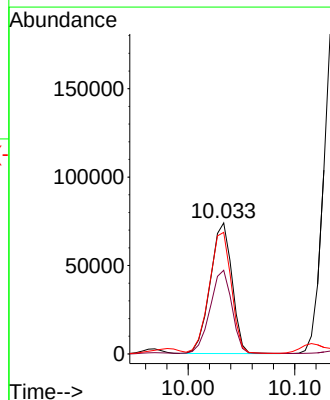
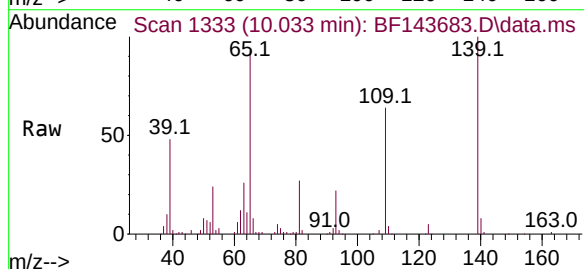
Tgt Ion:139 Resp: 105333

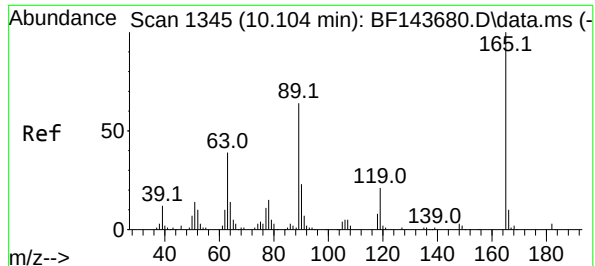
Ion Ratio Lower Upper

139 100

109 63.8 45.2 85.2

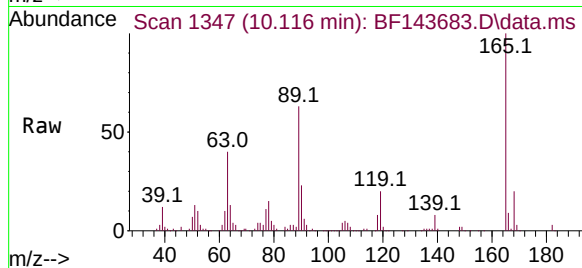
65 92.8 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 82.828 ng
RT: 10.116 min Scan# 1345
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

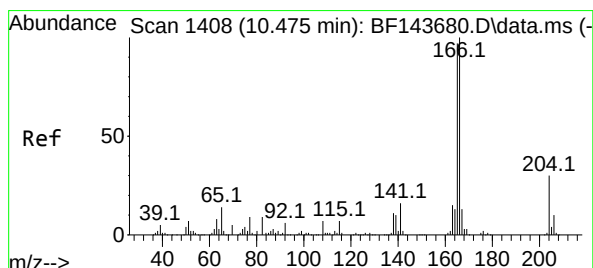
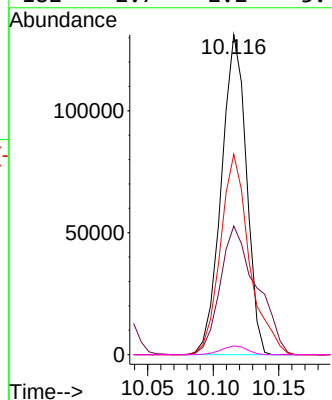
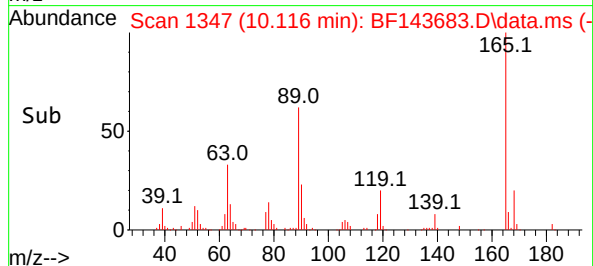
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



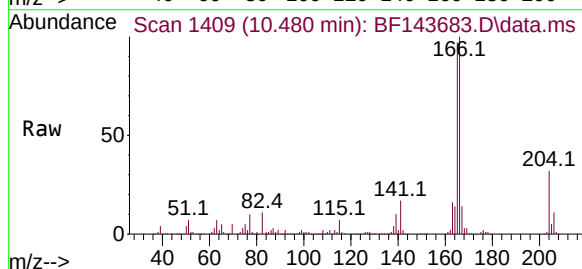
Tgt Ion:165 Resp: 174053
Ion Ratio Lower Upper
165 100
63 40.2 31.5 47.3
89 62.6 51.3 76.9
182 2.7 2.2 3.4

Manual Integrations
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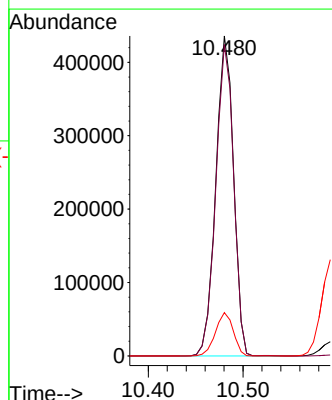
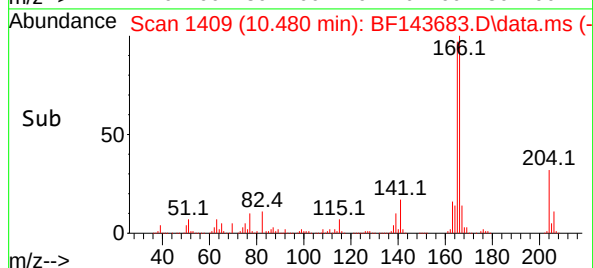
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

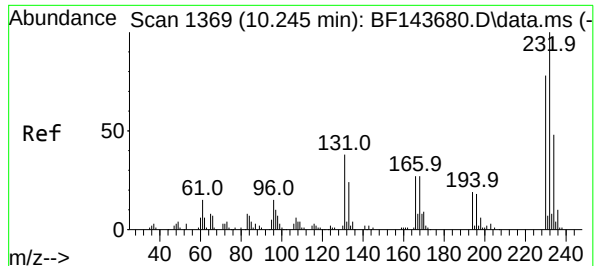


#58
Fluorene
Concen: 72.939 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54



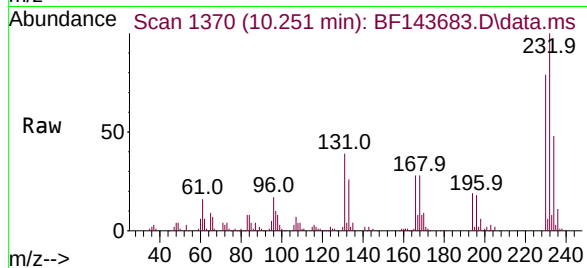
Tgt Ion:166 Resp: 567673
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.5 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 79.326 ng
RT: 10.251 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

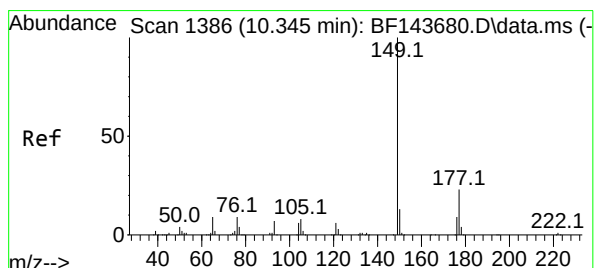
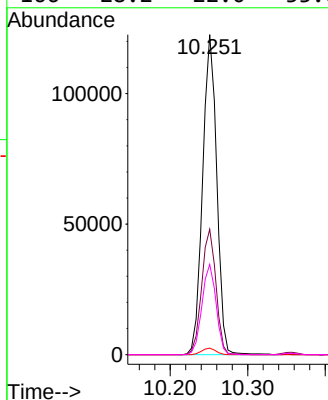
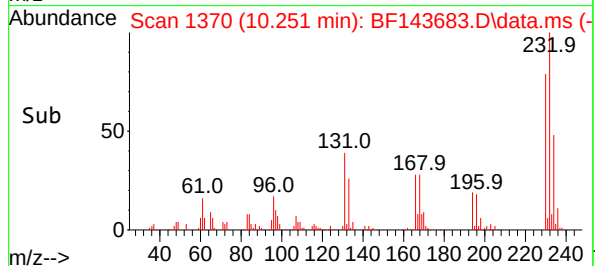
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



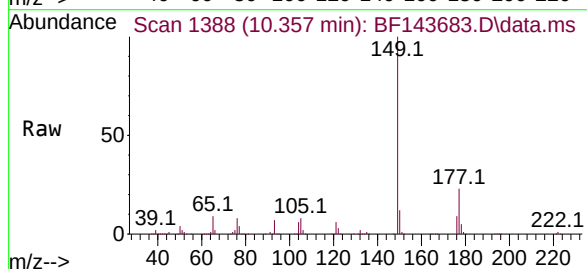
Tgt Ion:232 Resp: 155147
Ion Ratio Lower Upper
232 100
131 39.4 31.9 47.9
130 2.0 1.4 2.0
166 28.2 22.0 33.0

Manual Integrations
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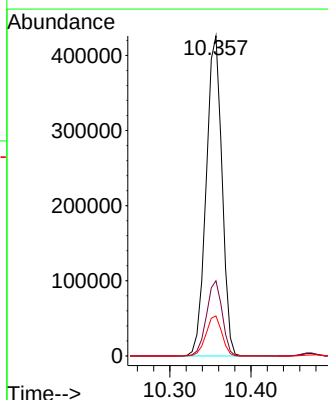
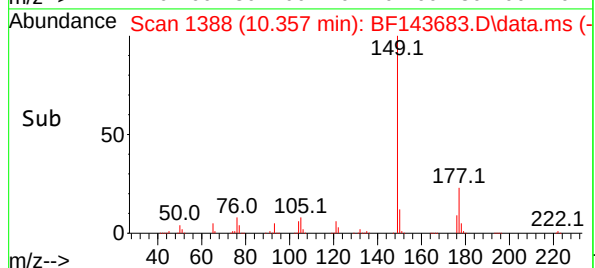
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

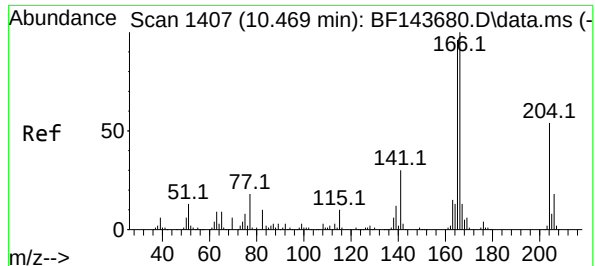


#60
Diethylphthalate
Concen: 75.960 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54



Tgt Ion:149 Resp: 575874
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 12.5 10.0 15.0





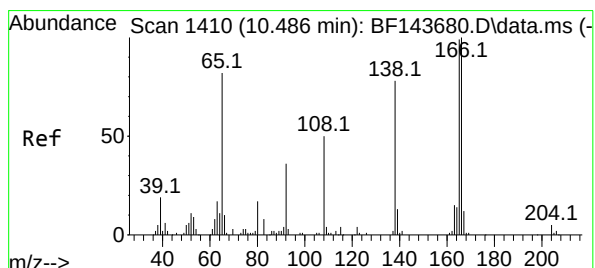
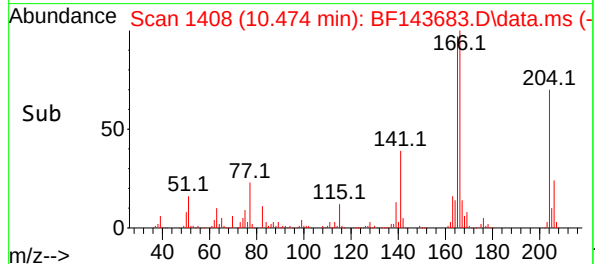
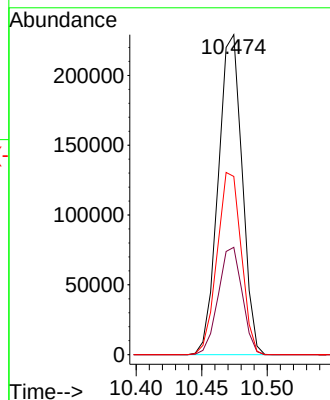
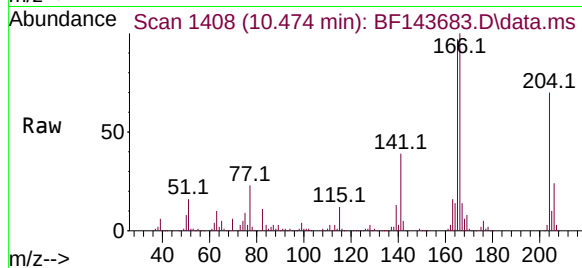
#61
4-Chlorophenyl-phenylether
Concen: 73.784 ng
RT: 10.474 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 291237
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 55.7 44.8 67.2

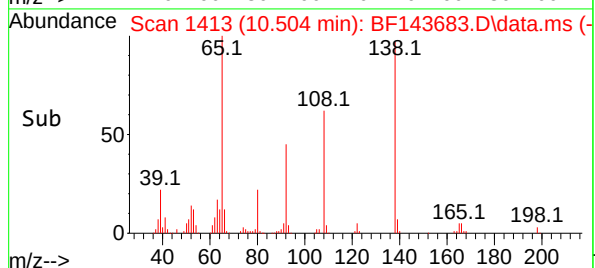
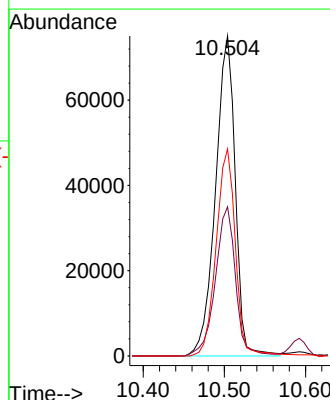
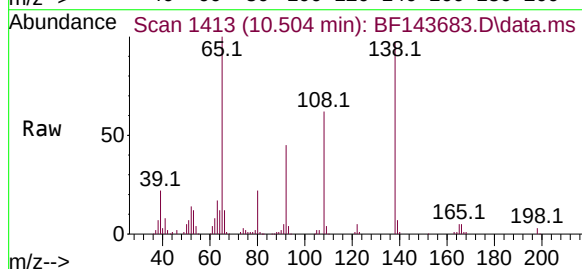
Manual Integrations
APPROVED

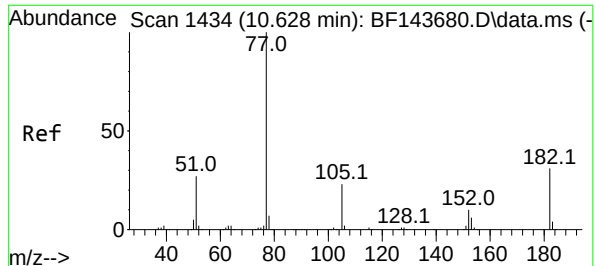
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#62
4-Nitroaniline
Concen: 80.410 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.017 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

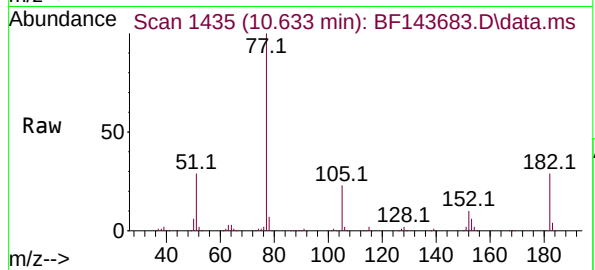
Tgt Ion:138 Resp: 126541
Ion Ratio Lower Upper
138 100
92 46.6 26.4 66.4
108 64.7 44.3 84.3





#63
Azobenzene
Concen: 75.241 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

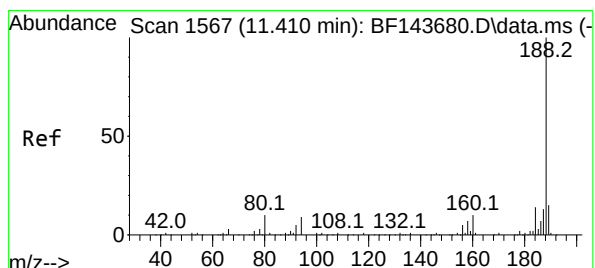
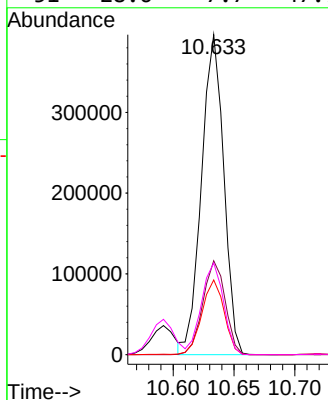
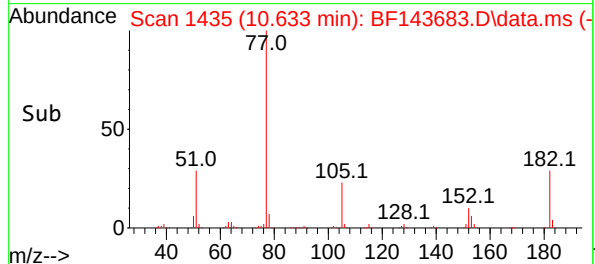
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 504293
Ion Ratio Lower Upper
77 100
182 29.3 10.8 50.8
105 23.3 3.2 43.2
51 28.6 7.7 47.7

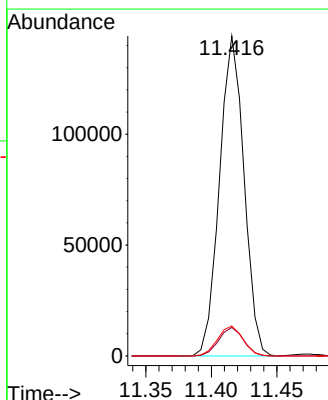
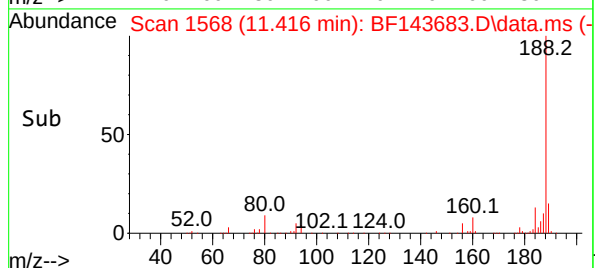
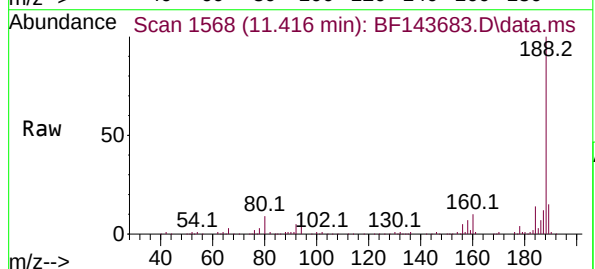
Manual Integrations
APPROVED

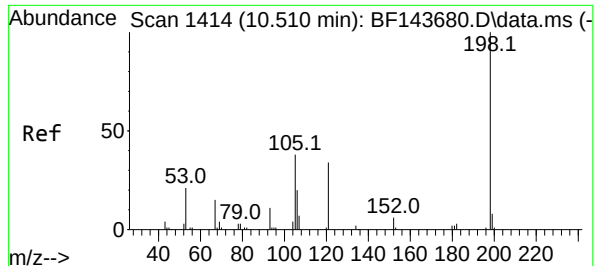
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Tgt Ion:188 Resp: 187688
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 9.3 7.7 11.5





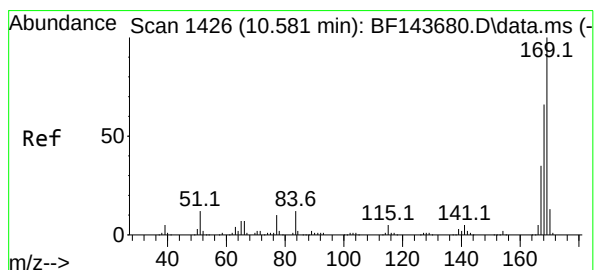
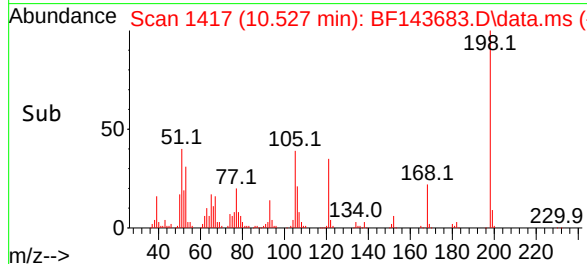
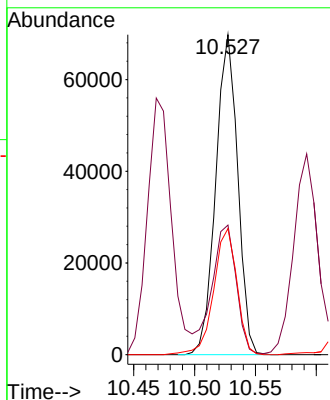
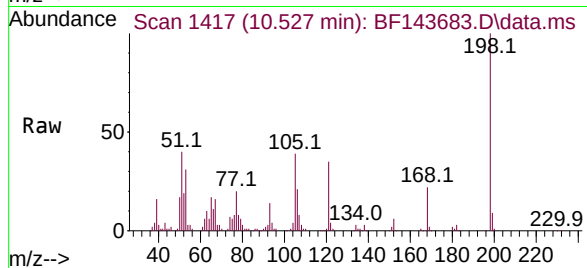
#65
4,6-Dinitro-2-methylphenol
Concen: 91.637 ng
RT: 10.527 min Scan# 1414
Delta R.T. 0.017 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 87568
Ion Ratio Lower Upper
198 100
51 40.5 21.2 61.2
105 39.4 19.0 59.0

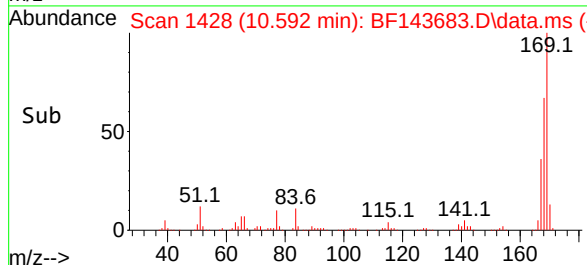
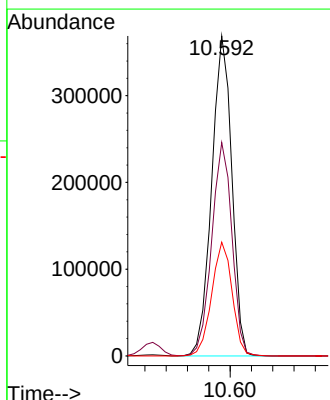
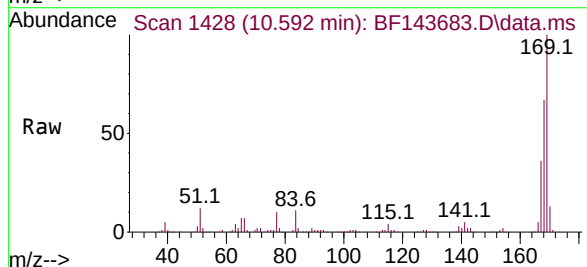
Manual Integrations
APPROVED

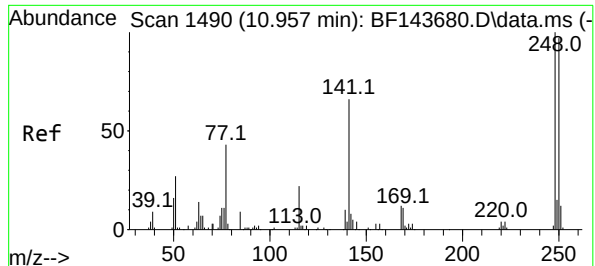
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#66
n-Nitrosodiphenylamine
Concen: 78.804 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

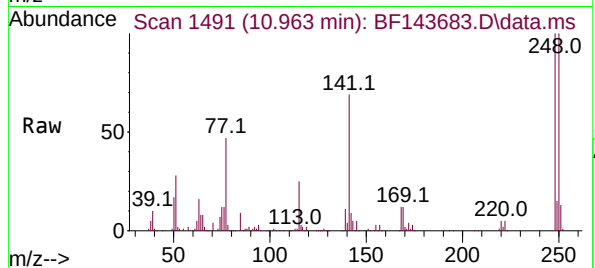
Tgt Ion:169 Resp: 484542
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 35.5 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 79.387 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

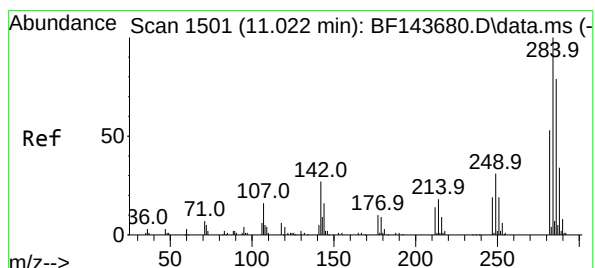
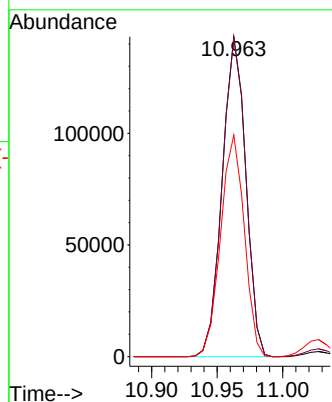
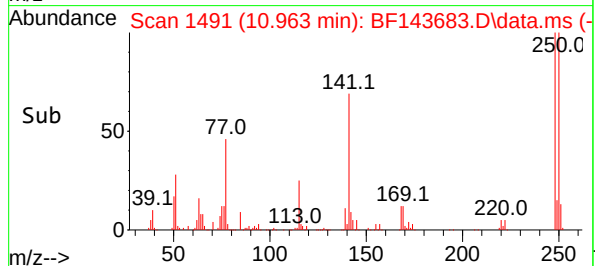
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



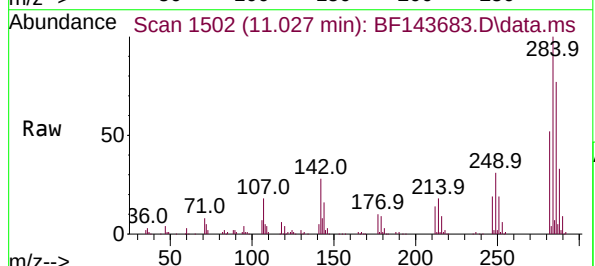
Tgt Ion:248 Resp: 179680
Ion Ratio Lower Upper
248 100
250 99.6 77.5 116.3
141 69.2 52.6 79.0

Manual Integrations
APPROVED

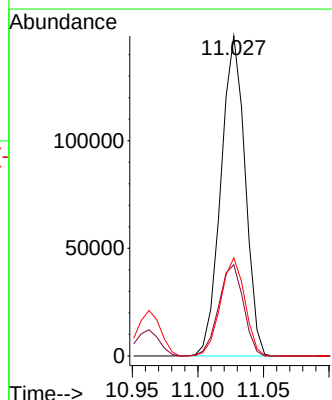
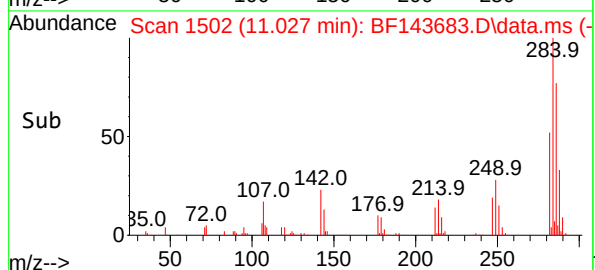
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

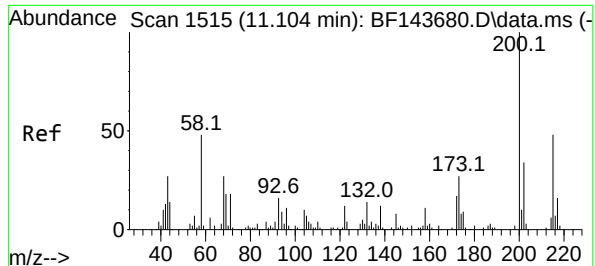


#68
Hexachlorobenzene
Concen: 79.958 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54



Tgt Ion:284 Resp: 191089
Ion Ratio Lower Upper
284 100
142 28.5 21.3 31.9
249 30.6 25.0 37.4





#69

Atrazine

Concen: 77.606 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.011 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 149614

Ion Ratio Lower Upper

200 100

173 25.7 7.3 47.3

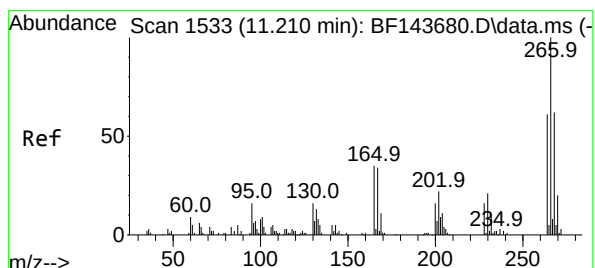
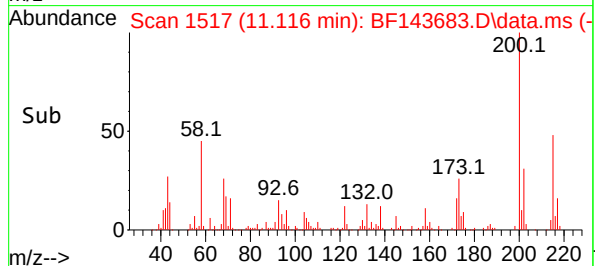
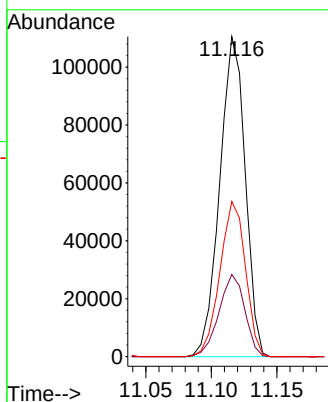
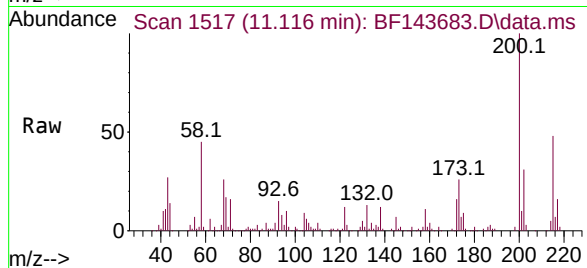
215 48.5 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#70

Pentachlorophenol

Concen: 85.217 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

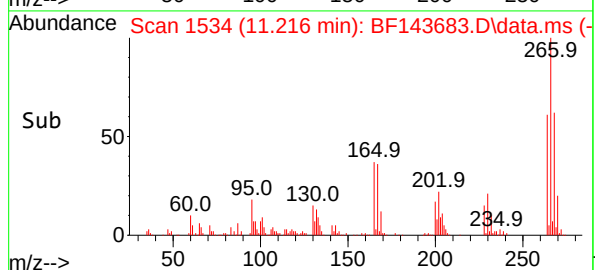
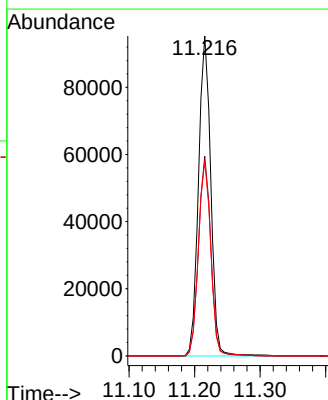
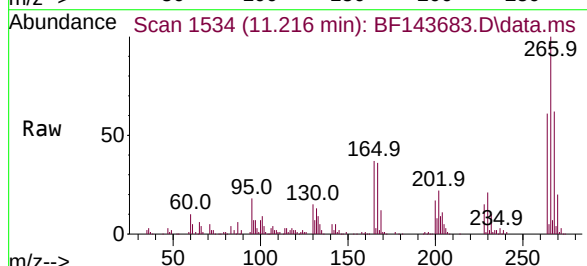
Tgt Ion:266 Resp: 123112

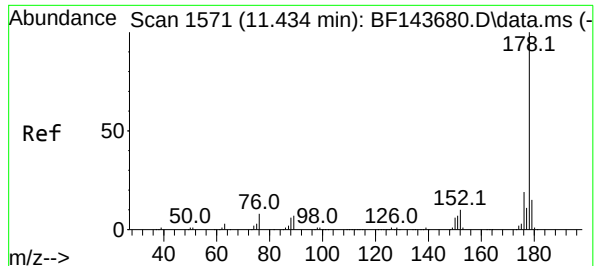
Ion Ratio Lower Upper

266 100

268 62.4 49.2 73.8

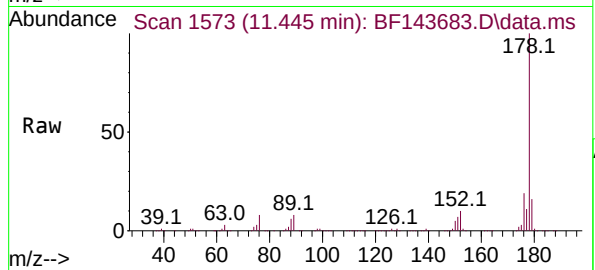
264 60.8 48.6 73.0





#71
Phenanthrene
Concen: 75.729 ng
RT: 11.445 min Scan# 1571
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

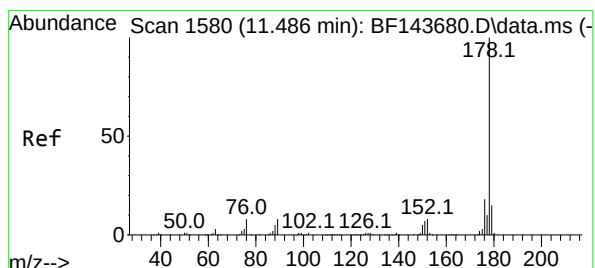
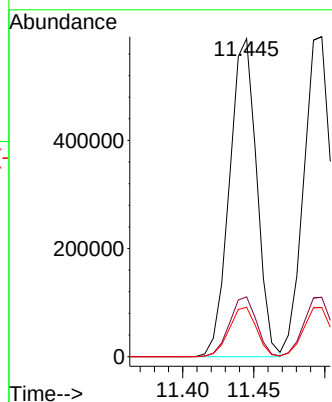
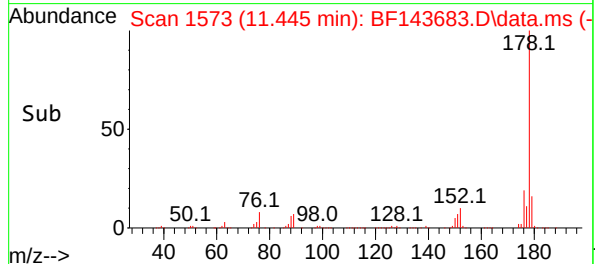
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 783137
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.2 18.2

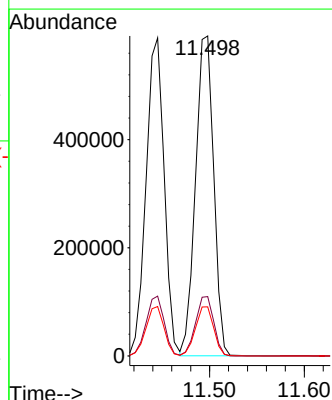
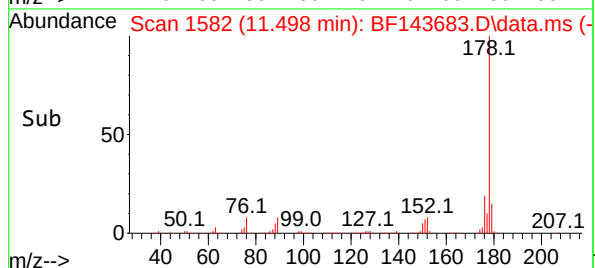
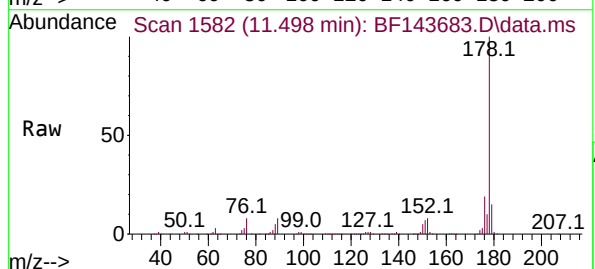
Manual Integrations
APPROVED

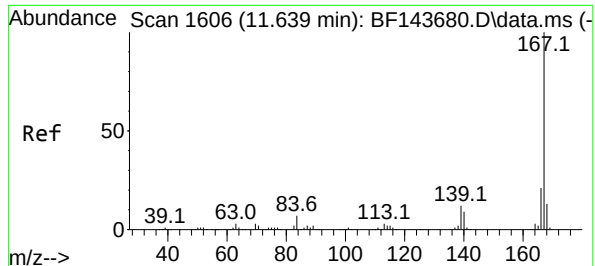
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#72
Anthracene
Concen: 75.796 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

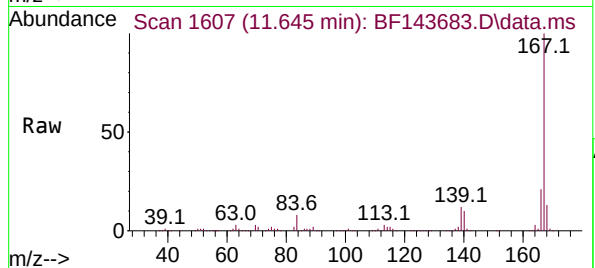
Tgt Ion:178 Resp: 788152
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.3 12.2 18.2





#73
Carbazole
Concen: 76.309 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

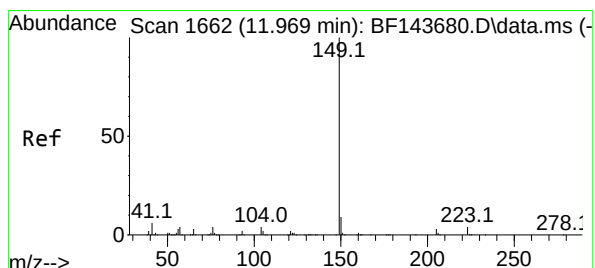
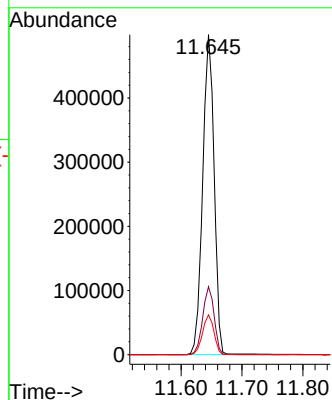
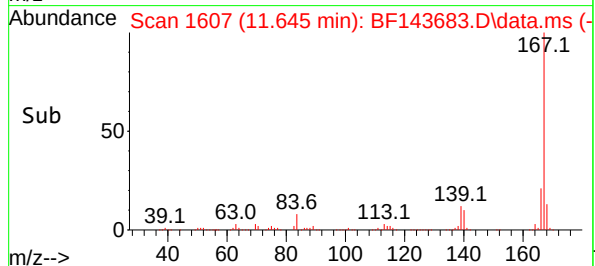
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



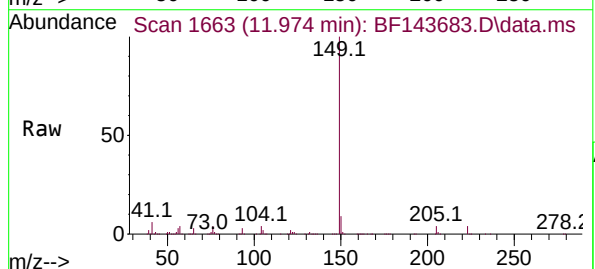
Tgt Ion:167 Resp: 649839
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.4 9.7 14.5

Manual Integrations
APPROVED

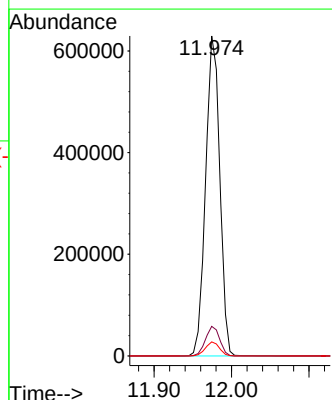
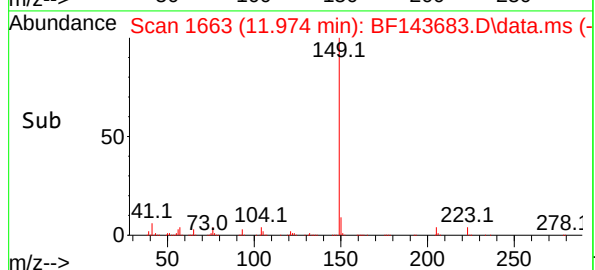
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

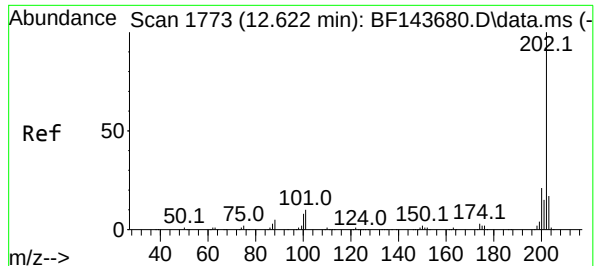


#74
Di-n-butylphthalate
Concen: 77.888 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54



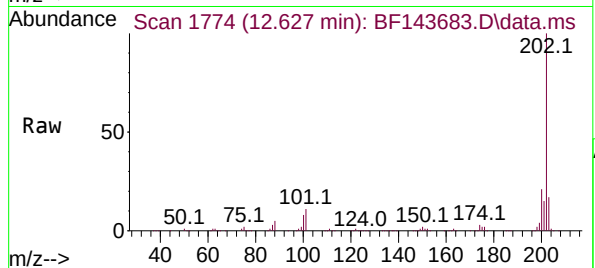
Tgt Ion:149 Resp: 798541
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.4 3.3 4.9





#75
Fluoranthene
Concen: 73.302 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

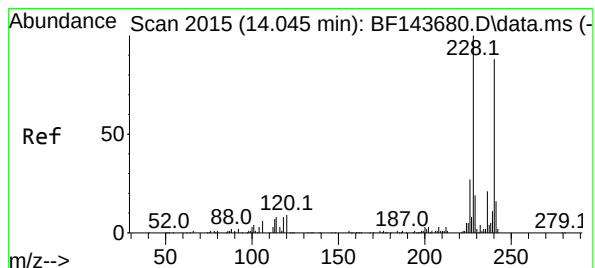
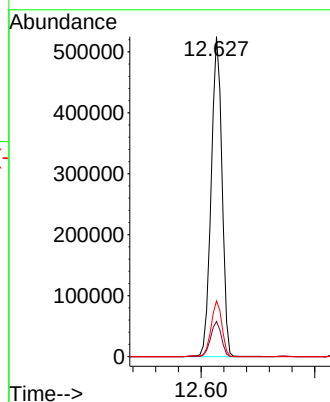
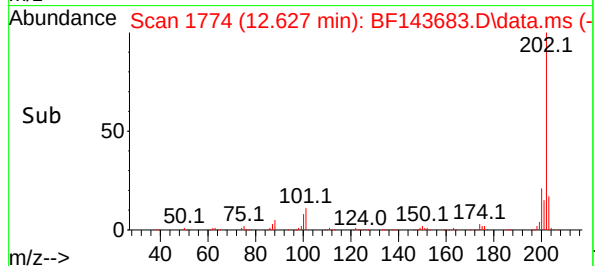
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 695885
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.5
203 17.4 0.0 37.1

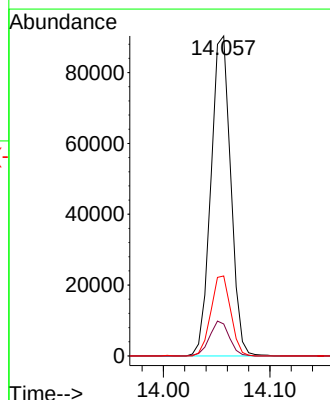
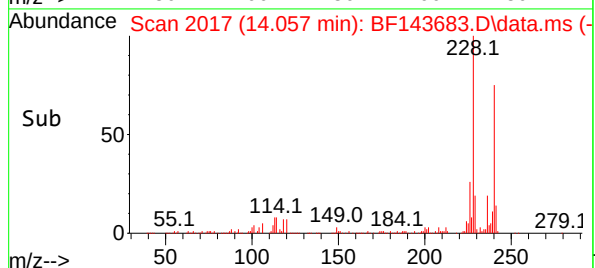
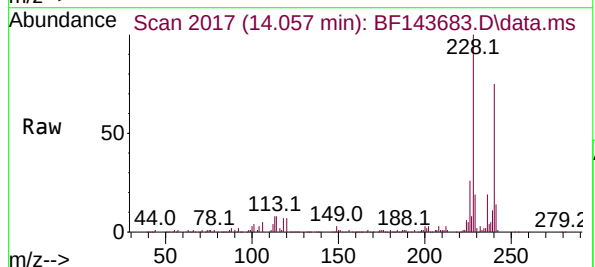
Manual Integrations
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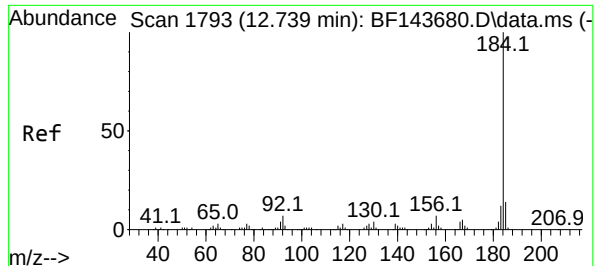
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Tgt Ion:240 Resp: 116895
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.0 18.6 28.0





#77

Benzidine

Concen: 63.559 ng

RT: 12.745 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143683.D

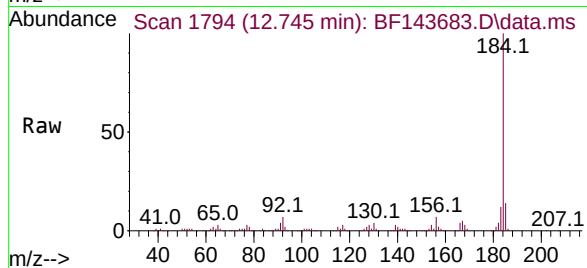
Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:184 Resp: 242284

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

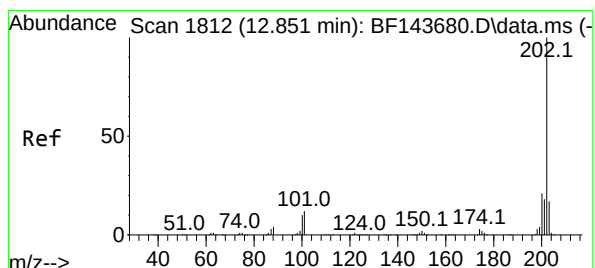
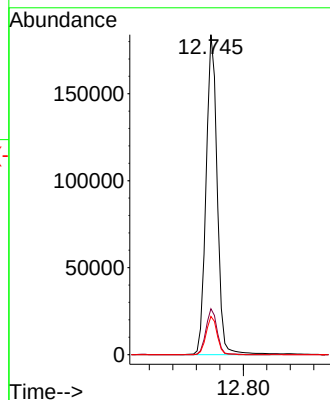
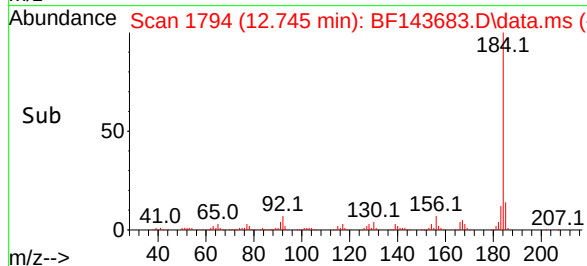
183 11.9 9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#78

Pyrene

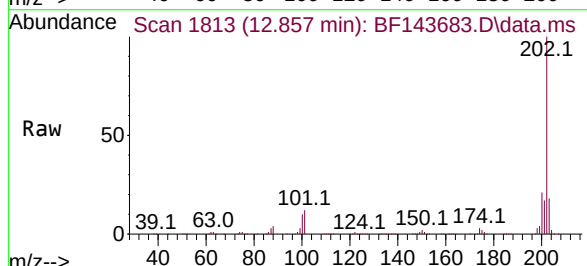
Concen: 74.668 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54



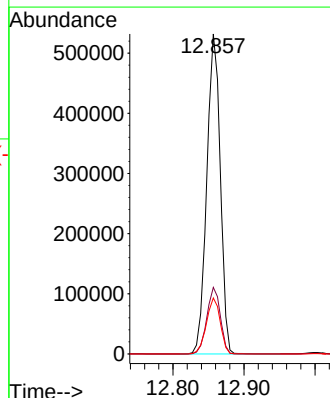
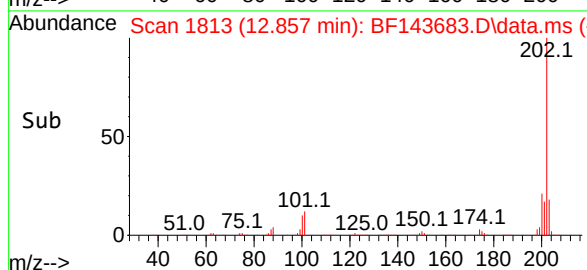
Tgt Ion:202 Resp: 697866

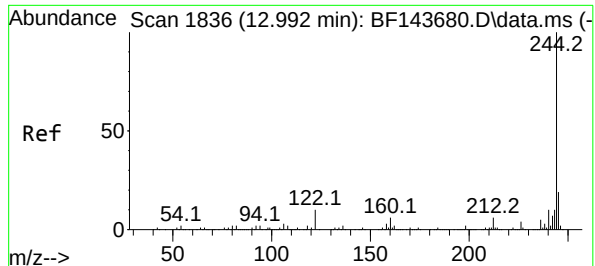
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 17.5 13.5 20.3





#79

Terphenyl-d14

Concen: 142.979 ng

RT: 12.998 min Scan# 1836

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:244 Resp: 103137

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.6

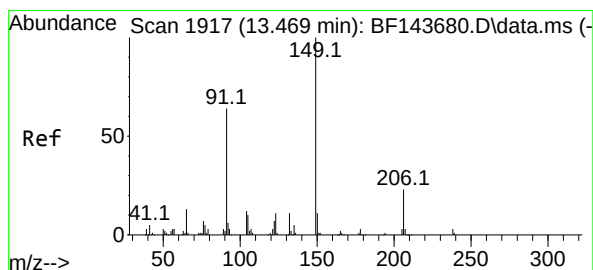
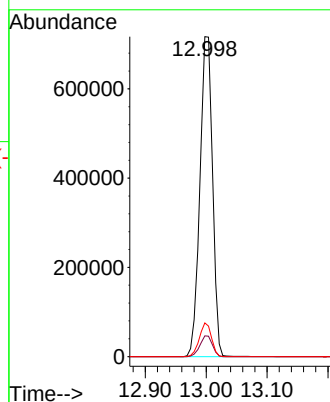
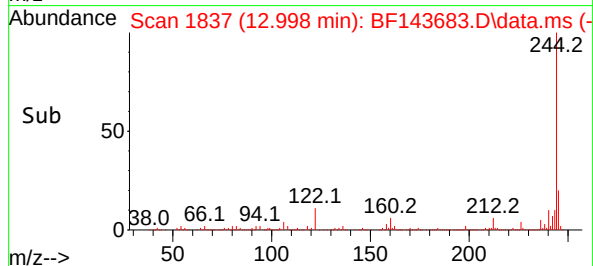
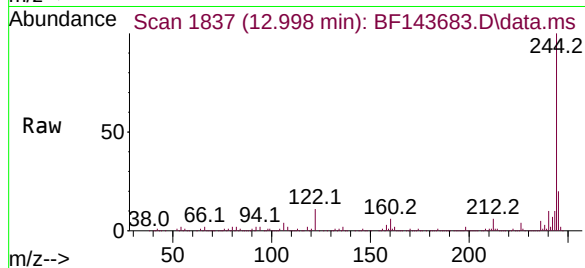
122 10.5 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#80

Butylbenzylphthalate

Concen: 85.104 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.006 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

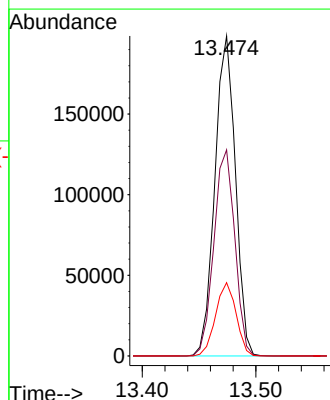
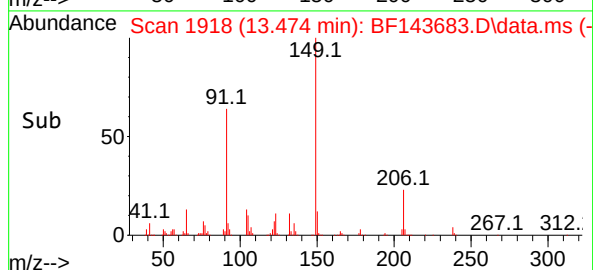
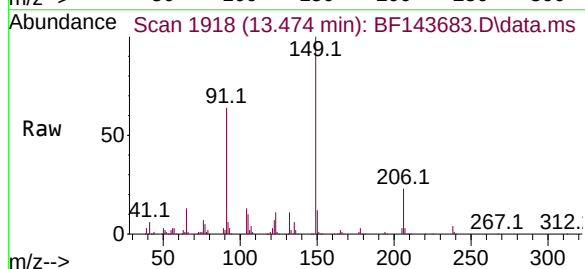
Tgt Ion:149 Resp: 249215

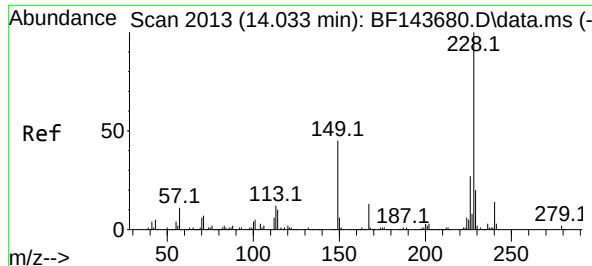
Ion Ratio Lower Upper

149 100

91 64.4 50.9 76.3

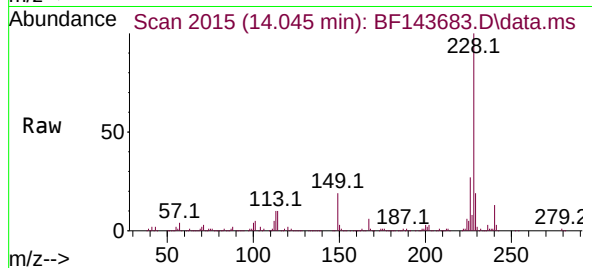
206 22.9 18.2 27.2





#81
Benzo(a)anthracene
Concen: 79.148 ng
RT: 14.045 min Scan# 2008
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

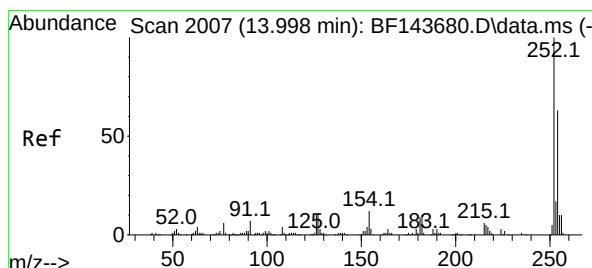
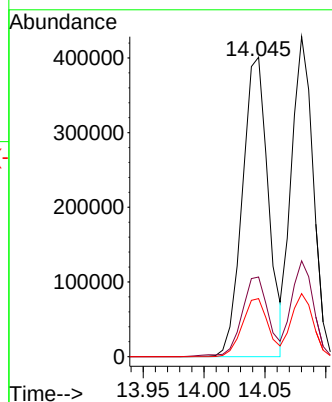
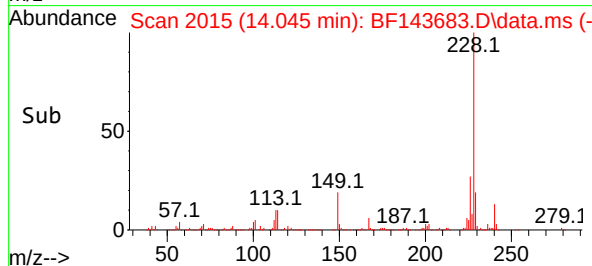
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



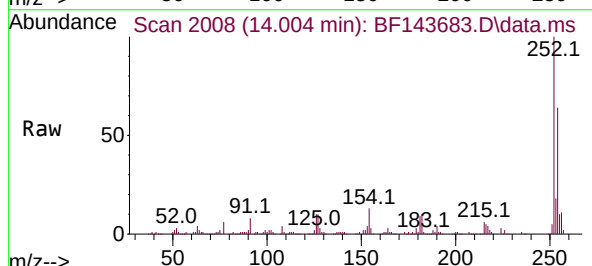
Tgt Ion:228 Resp: 595222
Ion Ratio Lower Upper
228 100
226 26.6 21.6 32.4
229 19.3 15.7 23.5

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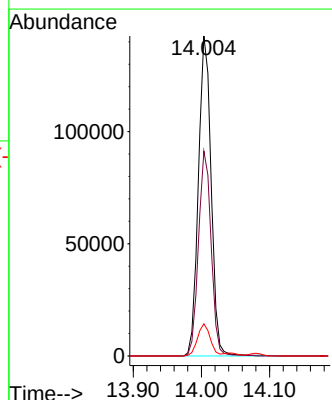
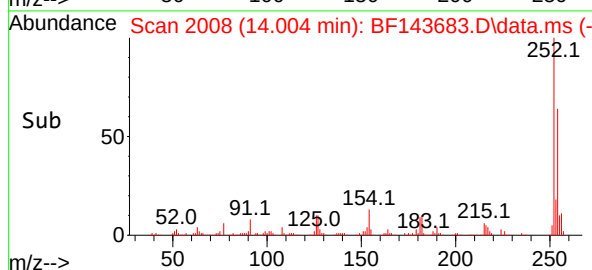
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

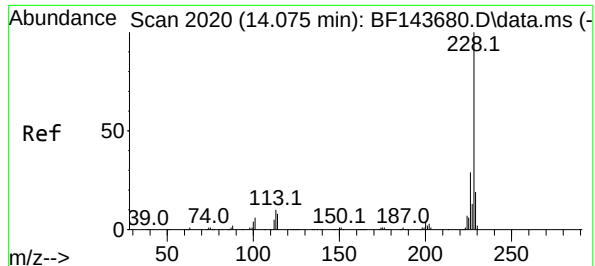


#82
3,3'-Dichlorobenzidine
Concen: 80.004 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54



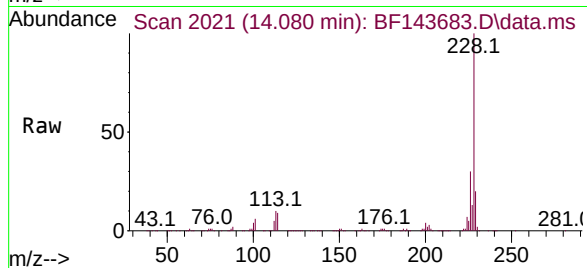
Tgt Ion:252 Resp: 185097
Ion Ratio Lower Upper
252 100
254 64.0 50.5 75.7
126 10.0 8.2 12.4





#83
Chrysene
Concen: 77.133 ng
RT: 14.080 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

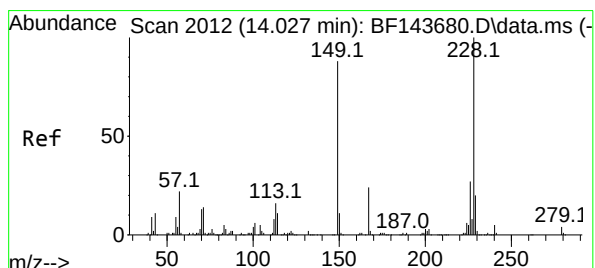
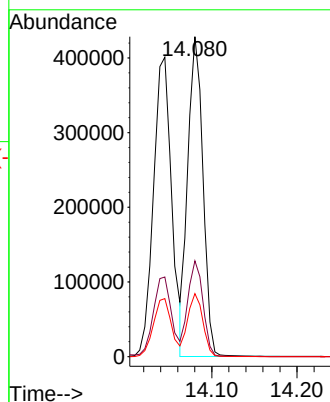
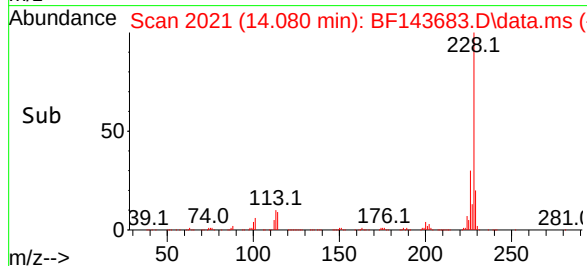
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



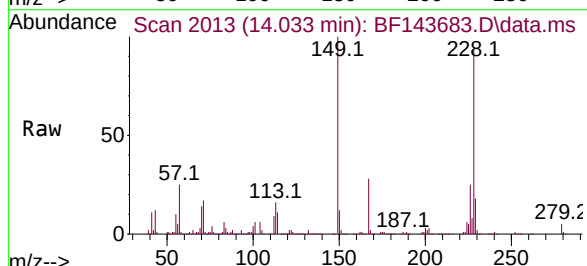
Tgt Ion:228 Resp: 531262
Ion Ratio Lower Upper
228 100
226 29.9 22.7 34.1
229 19.7 15.1 22.7

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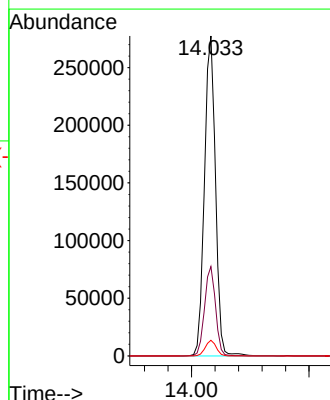
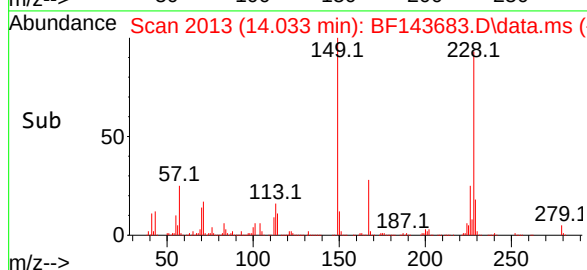
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

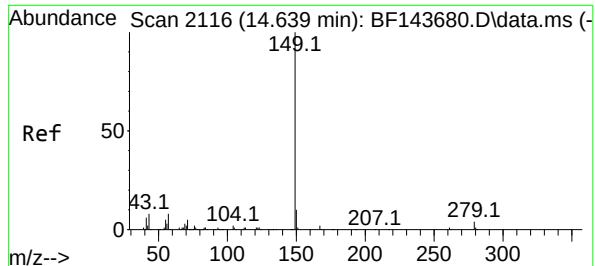


#84
Bis(2-ethylhexyl)phthalate
Concen: 86.584 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54



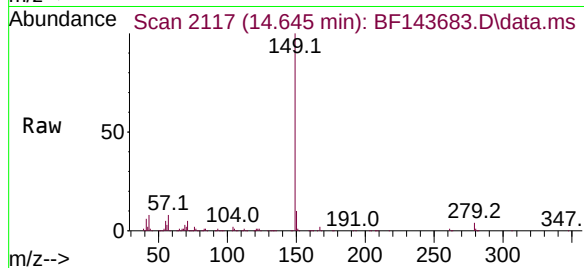
Tgt Ion:149 Resp: 361768
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.2
279 4.9 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 86.465 ng
RT: 14.645 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

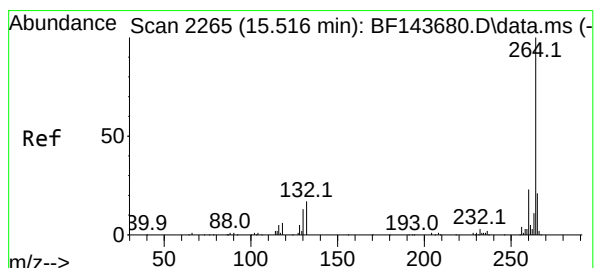
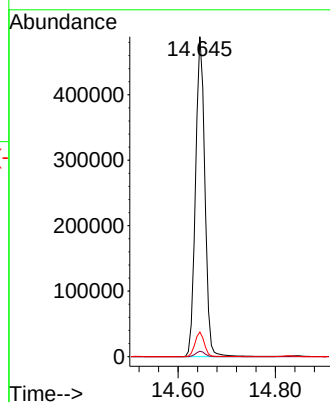
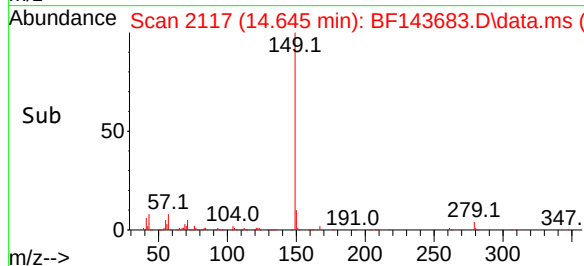
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



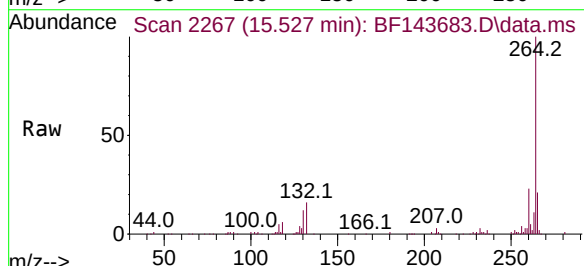
Tgt Ion:149 Resp: 647392
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.7 6.2 9.2

Manual Integrations
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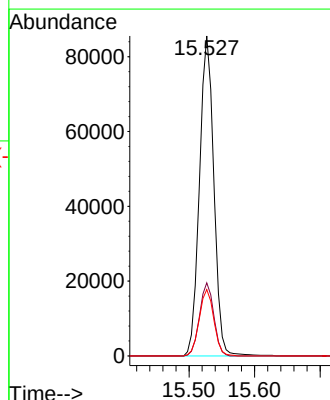
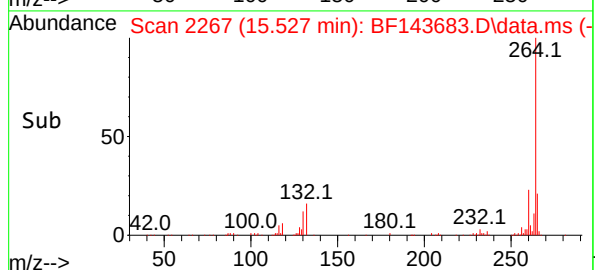
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

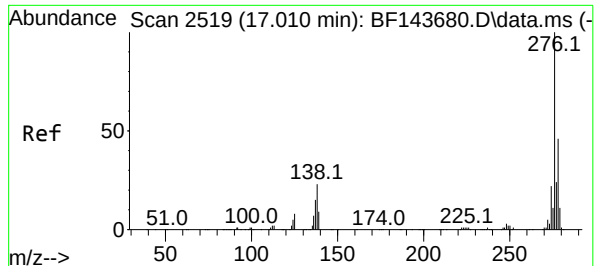


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.011 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54



Tgt Ion:264 Resp: 129691
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 20.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 80.182 ng

RT: 17.033 min Scan# 2194

Delta R.T. 0.023 min

Lab File: BF143683.D

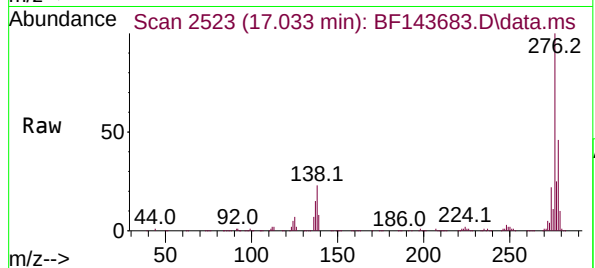
Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 709706

Ion Ratio Lower Upper

276 100

138 24.9 19.7 29.5

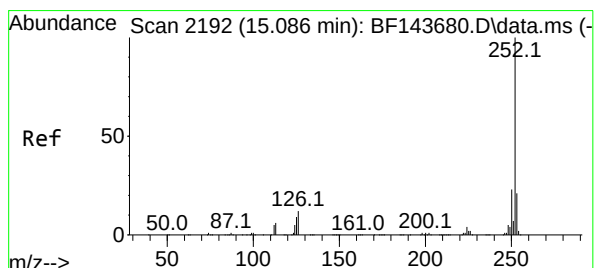
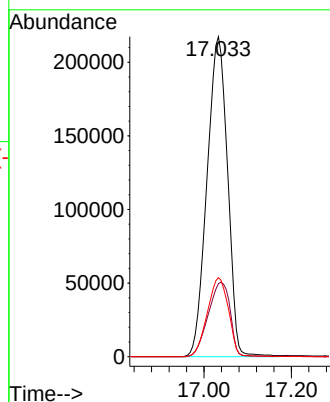
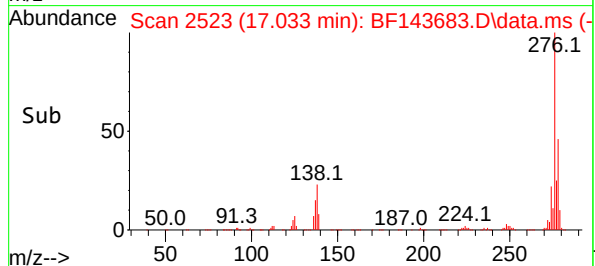
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#88

Benzo(b)fluoranthene

Concen: 80.528 ng

RT: 15.098 min Scan# 2194

Delta R.T. 0.011 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

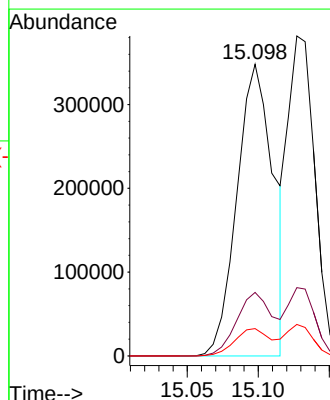
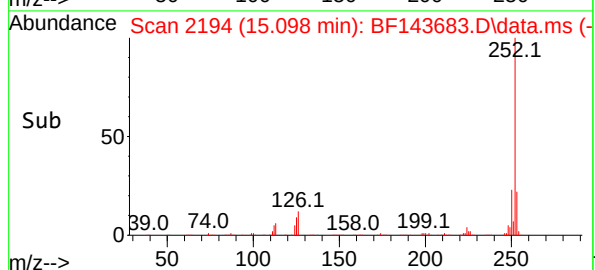
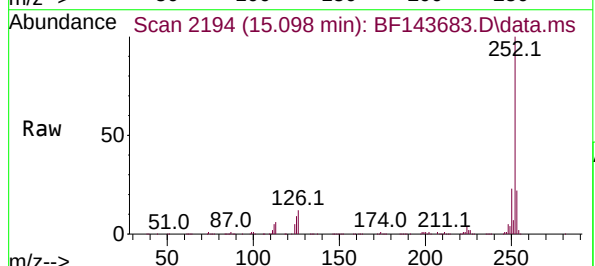
Tgt Ion:252 Resp: 621698

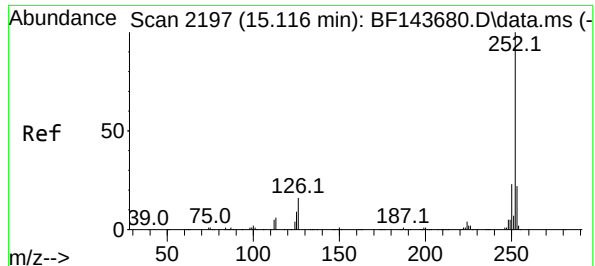
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 72.806 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.011 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 507280

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

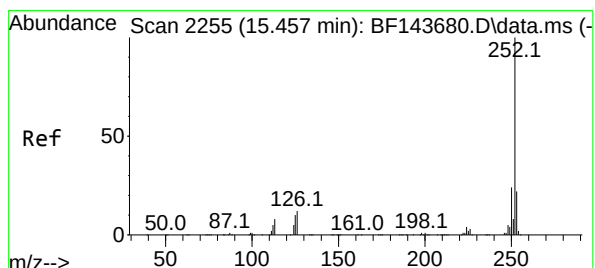
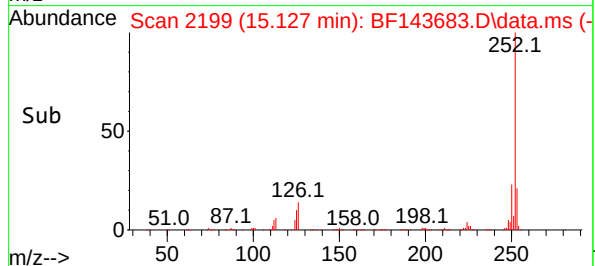
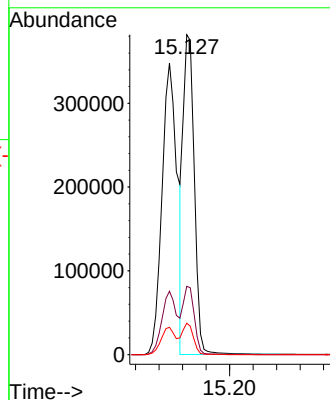
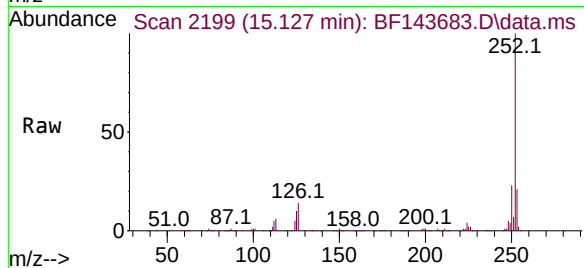
125 9.8 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#90

Benzo(a)pyrene

Concen: 77.963 ng

RT: 15.468 min Scan# 2257

Delta R.T. 0.011 min

Lab File: BF143683.D

Acq: 09 Sep 2025 13:54

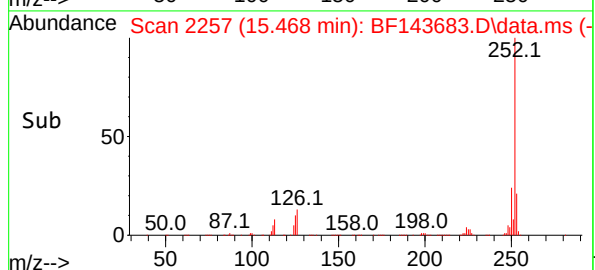
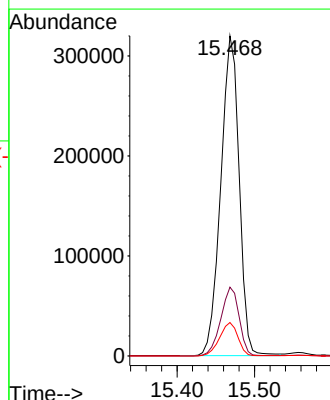
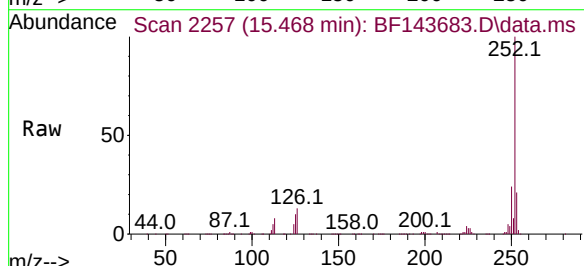
Tgt Ion:252 Resp: 528783

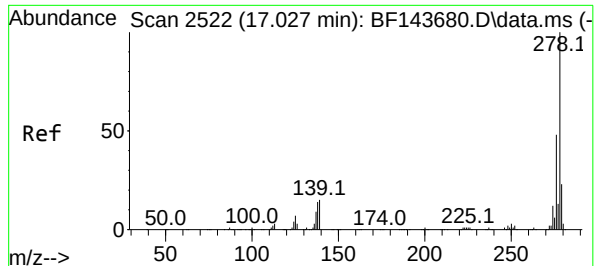
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.4 8.2 12.4





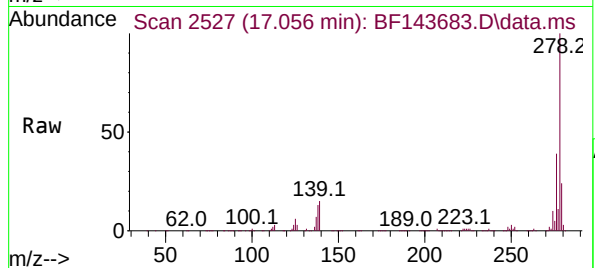
#91
Dibenzo(a,h)anthracene
Concen: 79.703 ng
RT: 17.056 min Scan# 2527
Delta R.T. 0.029 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

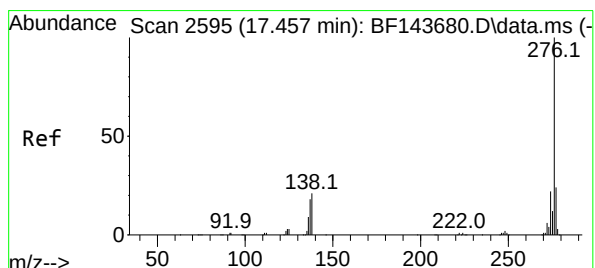
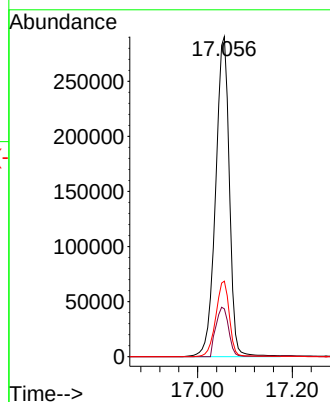
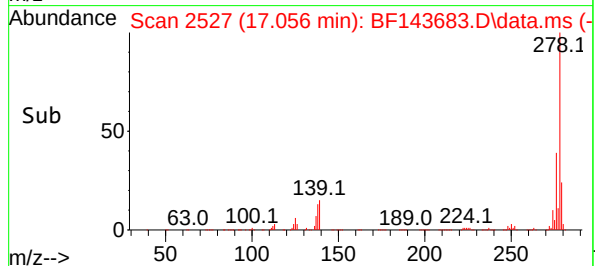


Tgt Ion:278 Resp: 585296
Ion Ratio Lower Upper
278 100
139 14.9 12.2 18.4
279 23.6 18.7 28.1

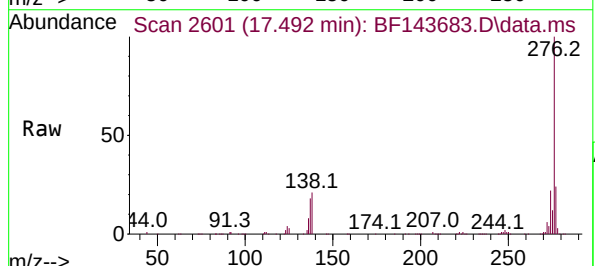
Manual Integrations

APPROVED

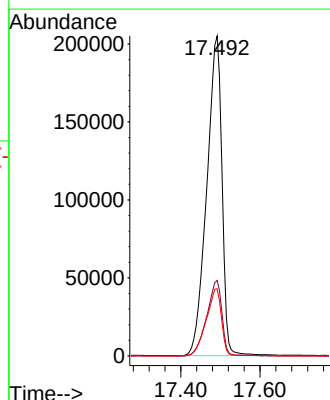
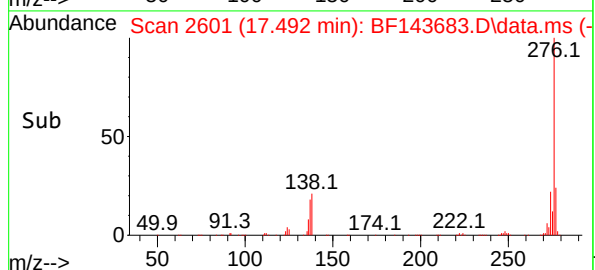
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#92
Benzo(g,h,i)perylene
Concen: 79.639 ng
RT: 17.492 min Scan# 2601
Delta R.T. 0.035 min
Lab File: BF143683.D
Acq: 09 Sep 2025 13:54



Tgt Ion:276 Resp: 547026
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 21.0 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143684.D
 Acq On : 09 Sep 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 16:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	61621	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	239239	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	135701	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	221042	20.000	ng	0.00
76) Chrysene-d12	14.045	240	130232	20.000	ng	0.00
86) Perylene-d12	15.521	264	129310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	293213	81.184	ng	0.00
7) Phenol-d6	6.510	99	357854	81.374	ng	0.00
23) Nitrobenzene-d5	7.451	82	322262	83.786	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	116586	85.251	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	710939	79.141	ng	0.00
79) Terphenyl-d14	12.992	244	682319	84.903	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	63901	39.663	ng	99
3) Pyridine	3.451	79	169174	40.650	ng	98
4) n-Nitrosodimethylamine	3.404	42	64223	40.625	ng	97
6) Aniline	6.551	93	238489	40.946	ng	100
8) 2-Chlorophenol	6.675	128	160142	41.054	ng	96
9) Benzaldehyde	6.440	77	150248	42.346	ng	98
10) Phenol	6.522	94	196759m	40.476	ng	
11) bis(2-Chloroethyl)ether	6.628	93	147688	40.679	ng	98
12) 1,3-Dichlorobenzene	6.834	146	182553	40.920	ng	100
13) 1,4-Dichlorobenzene	6.910	146	182369	40.501	ng	98
14) 1,2-Dichlorobenzene	7.063	146	171682	40.375	ng	99
15) Benzyl Alcohol	7.028	79	133140	41.621	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	193205	40.676	ng	99
17) 2-Methylphenol	7.134	107	132179	42.123	ng	99
18) Hexachloroethane	7.404	117	60841	41.827	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	110835	41.037	ng	99
20) 3+4-Methylphenols	7.287	107	170831	41.342	ng	96
22) Acetophenone	7.298	105	215719	39.924	ng	97
24) Nitrobenzene	7.475	77	160692	40.293	ng	97
25) Isophorone	7.710	82	300398	40.730	ng	99
26) 2-Nitrophenol	7.787	139	86760	44.246	ng	98
27) 2,4-Dimethylphenol	7.816	122	141119	40.089	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	181315	40.004	ng	98
29) 2,4-Dichlorophenol	8.022	162	146015	41.236	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	146710	39.992	ng	99
31) Naphthalene	8.192	128	471612	39.822	ng	99
32) Benzoic acid	7.922	122	94531	44.017	ng	97
33) 4-Chloroaniline	8.239	127	167620	40.656	ng	99
34) Hexachlorobutadiene	8.310	225	97899	40.915	ng	99
35) Caprolactam	8.616	113	39696	42.120	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	144035	41.254	ng	97
37) 2-Methylnaphthalene	8.886	142	319256	39.380	ng	100
38) 1-Methylnaphthalene	8.986	142	309953	39.839	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	158089	40.693	ng	100
41) Hexachlorocyclopentadiene	9.039	237	84098	42.165	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	107849	41.574	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143684.D
 Acq On : 09 Sep 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/10/2025
 Supervised By :Jagrut Upadhyay 09/10/2025

Quant Time: Sep 09 16:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

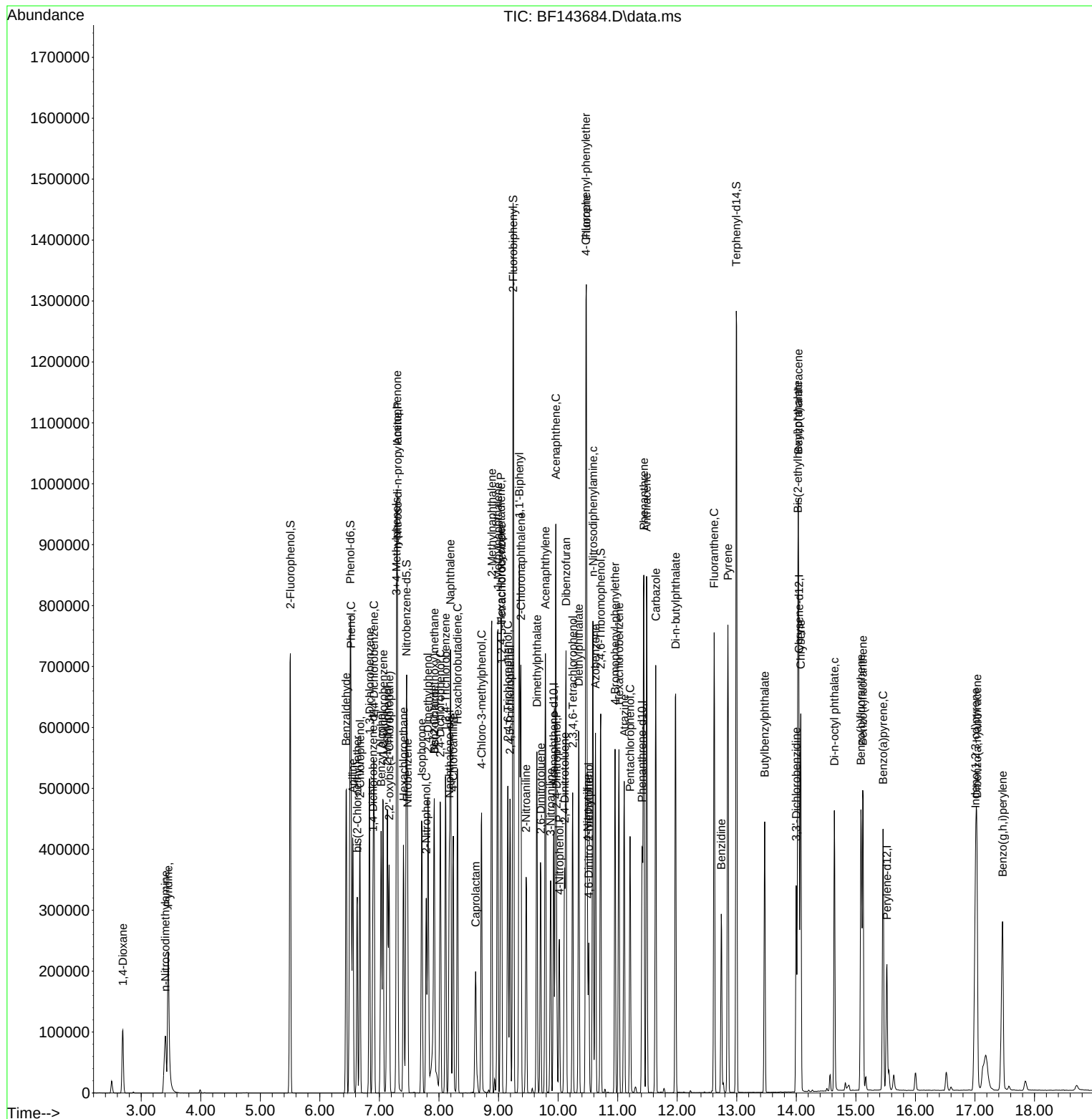
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109448	41.502	ng	99
46) 1,1'-Biphenyl	9.351	154	396011	40.536	ng	100
47) 2-Chloronaphthalene	9.375	162	308479	40.278	ng	99
48) 2-Nitroaniline	9.463	65	89539	44.177	ng	94
49) Acenaphthylene	9.786	152	445741	40.630	ng	100
50) Dimethylphthalate	9.645	163	360478	40.828	ng	99
51) 2,6-Dinitrotoluene	9.710	165	77992	46.201	ng	94
52) Acenaphthene	9.963	154	307329	40.653	ng	98
53) 3-Nitroaniline	9.875	138	80526	44.326	ng	100
54) 2,4-Dinitrophenol	9.975	184	38062	44.575	ng	# 69
55) Dibenzofuran	10.133	168	435122	40.027	ng	99
56) 4-Nitrophenol	10.022	139	61730	42.711	ng	99
57) 2,4-Dinitrotoluene	10.110	165	99984	43.518	ng	98
58) Fluorene	10.475	166	342139	40.207	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	89324	41.772	ng	# 98
60) Diethylphthalate	10.345	149	345990	41.741	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	172739	40.026	ng	99
62) 4-Nitroaniline	10.492	138	73690	42.828	ng	97
63) Azobenzene	10.628	77	298272	40.703	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	51333	45.613	ng	99
66) n-Nitrosodiphenylamine	10.586	169	289318	39.954	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	109435	41.055	ng	99
68) Hexachlorobenzene	11.022	284	114029	40.514	ng	98
69) Atrazine	11.110	200	95935	42.253	ng	100
70) Pentachlorophenol	11.210	266	71718	42.152	ng	97
71) Phenanthrene	11.439	178	486594	39.953	ng	99
72) Anthracene	11.486	178	493746	40.318	ng	100
73) Carbazole	11.639	167	408521	40.733	ng	99
74) Di-n-butylphthalate	11.974	149	511838	42.390	ng	100
75) Fluoranthene	12.621	202	443018	39.624	ng	99
77) Benzidine	12.739	184	163847	38.581	ng	100
78) Pyrene	12.851	202	445986	42.831	ng	99
80) Butylbenzylphthalate	13.468	149	148362	45.475	ng	99
81) Benzo(a)anthracene	14.033	228	353094	42.144	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	106725	41.406	ng	98
83) Chrysene	14.074	228	307401	40.060	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	199124	42.777	ng	100
85) Di-n-octyl phthalate	14.639	149	330447	39.614	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	350306	39.694	ng	100
88) Benzo(b)fluoranthene	15.086	252	319200	41.467	ng	99
89) Benzo(k)fluoranthene	15.115	252	278625	40.107	ng	100
90) Benzo(a)pyrene	15.457	252	279518	41.333	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	294700	40.249	ng	99
92) Benzo(g,h,i)perylene	17.462	276	271515	39.645	ng	99

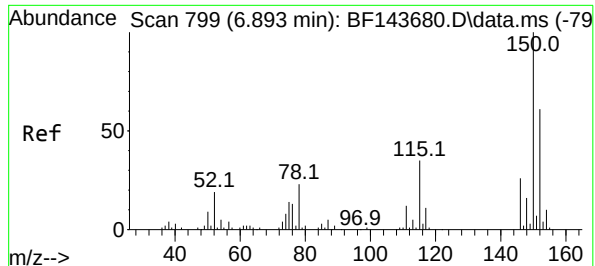
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Manual Integrations APPROVED

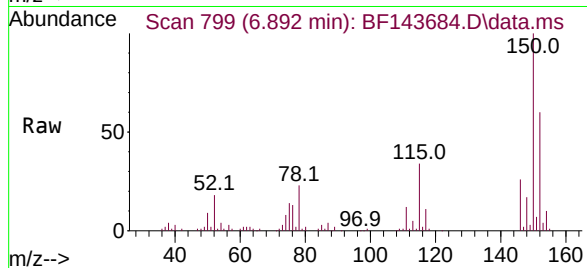
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

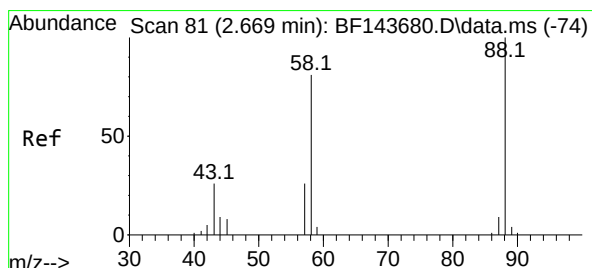
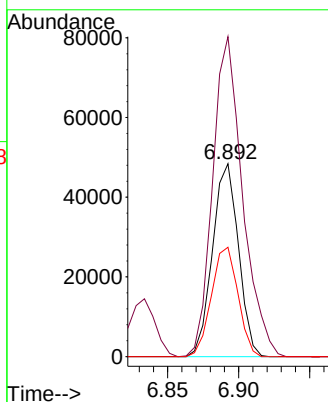
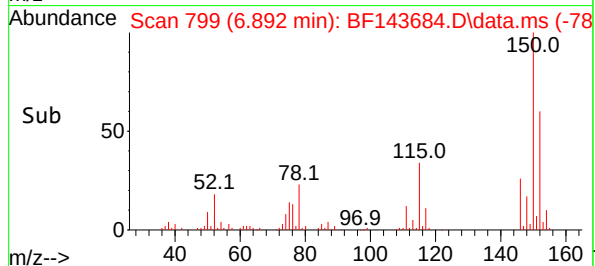
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion:152 Resp: 61621
Ion Ratio Lower Upper
152 100
150 165.9 130.7 196.1
115 56.7 45.9 68.9

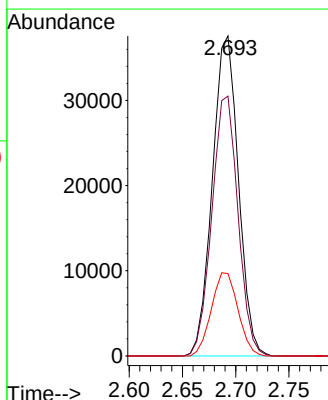
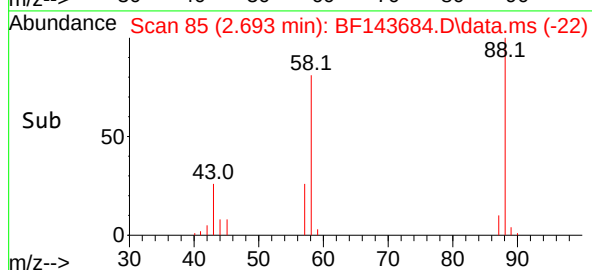
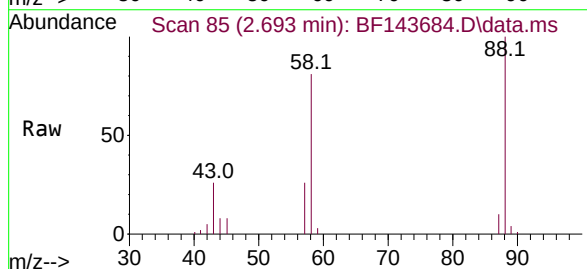
Manual Integrations
APPROVED

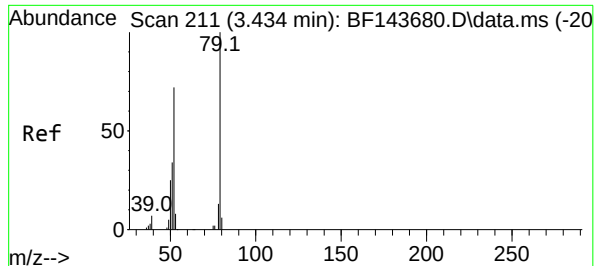
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#2
1,4-Dioxane
Concen: 39.663 ng
RT: 2.693 min Scan# 85
Delta R.T. 0.023 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

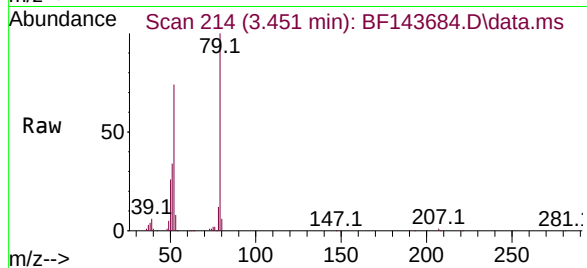
Tgt Ion: 88 Resp: 63901
Ion Ratio Lower Upper
88 100
58 81.3 65.8 98.6
43 26.6 20.6 31.0





#3
Pyridine
Concen: 40.650 ng
RT: 3.451 min Scan# 211
Delta R.T. 0.017 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

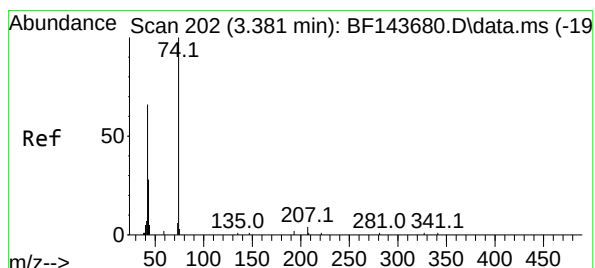
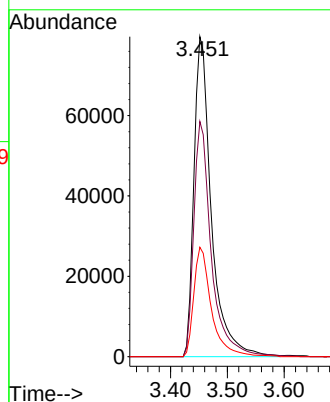
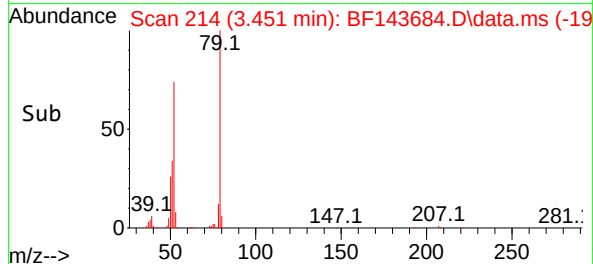
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion: 79 Resp: 169174
Ion Ratio Lower Upper
79 100
52 73.5 57.2 85.8
51 34.2 27.0 40.6

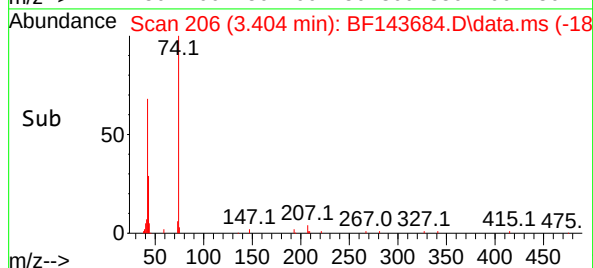
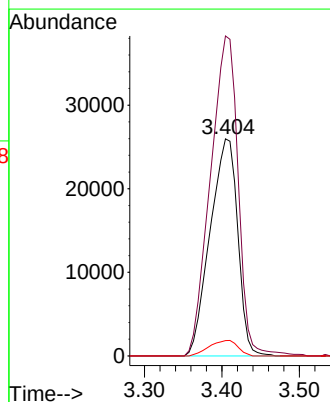
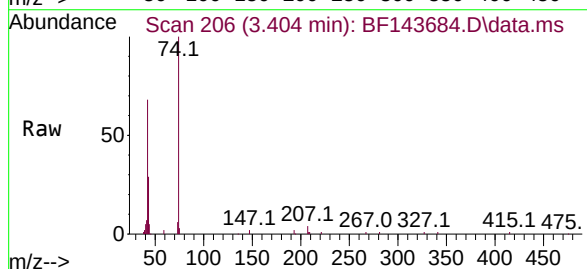
Manual Integrations
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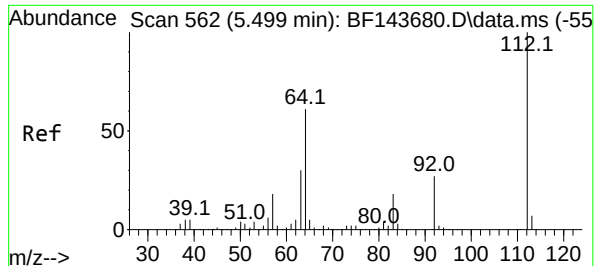
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#4
n-Nitrosodimethylamine
Concen: 40.625 ng
RT: 3.404 min Scan# 206
Delta R.T. 0.023 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion: 42 Resp: 64223
Ion Ratio Lower Upper
42 100
74 147.4 120.9 181.3
44 7.0 6.5 9.7





#5
2-Fluorophenol
Concen: 81.184 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

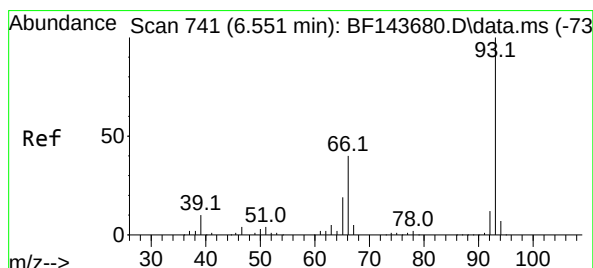
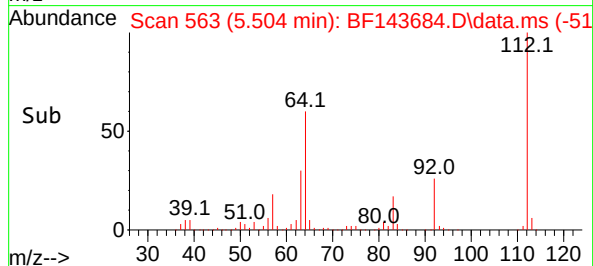
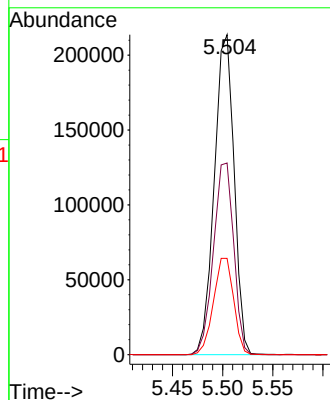
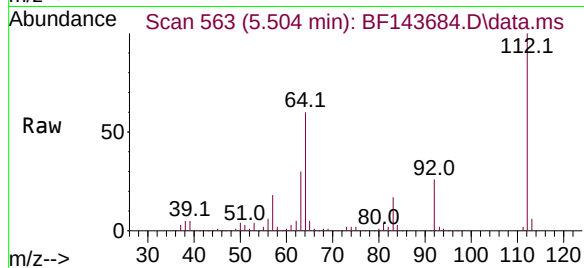
ICVBF091025

Tgt Ion:112 Resp: 293213
Ion Ratio Lower Upper
112 100
64 59.9 49.0 73.4
63 30.1 24.3 36.5

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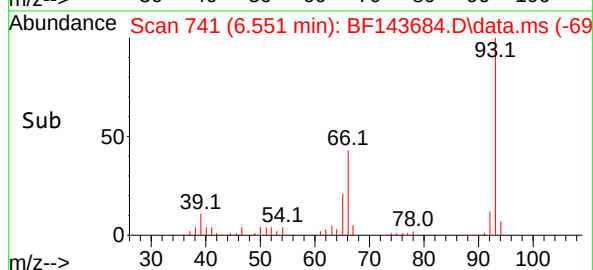
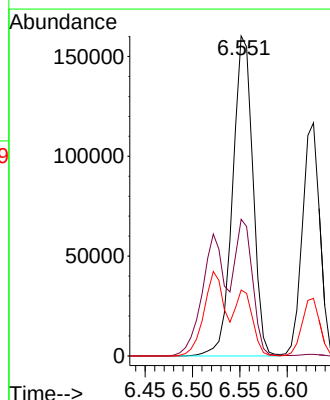
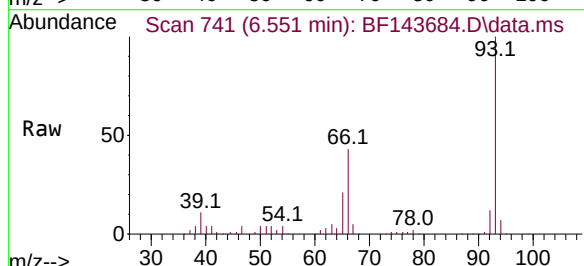
APPROVED

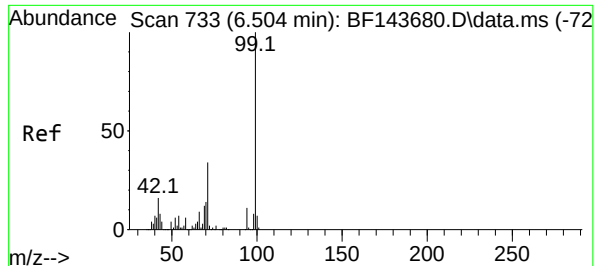
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#6
Aniline
Concen: 40.946 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

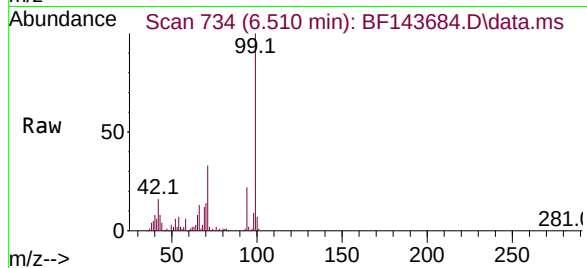
Tgt Ion: 93 Resp: 238489
Ion Ratio Lower Upper
93 100
66 42.7 34.1 51.1
65 20.6 16.1 24.1





#7
Phenol-d6
Concen: 81.374 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

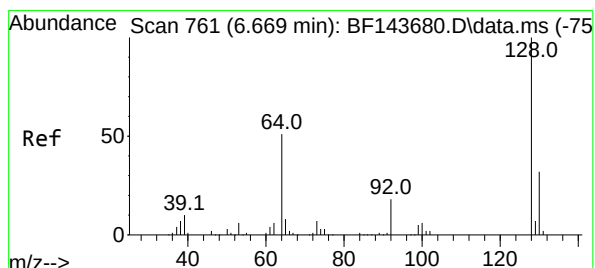
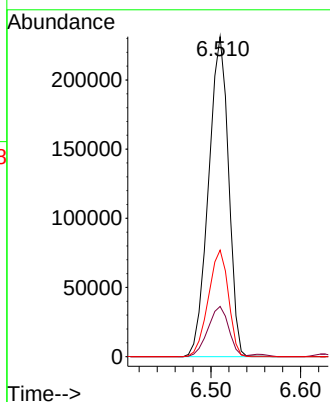
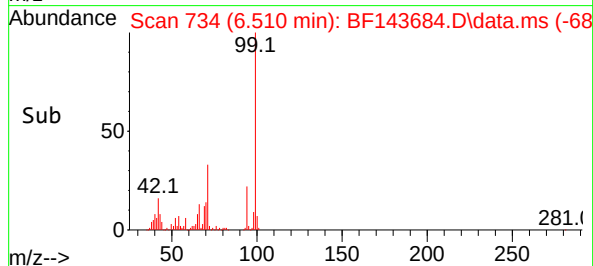
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



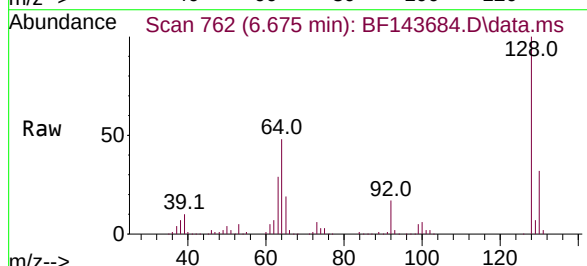
Tgt Ion: 99 Resp: 357854
Ion Ratio Lower Upper
99 100
42 15.7 13.0 19.4
71 33.3 27.4 41.2

Manual Integrations
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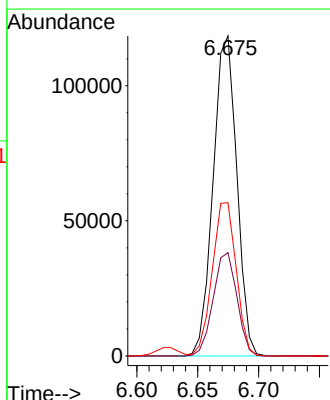
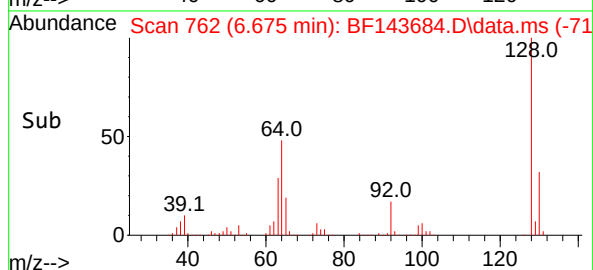
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

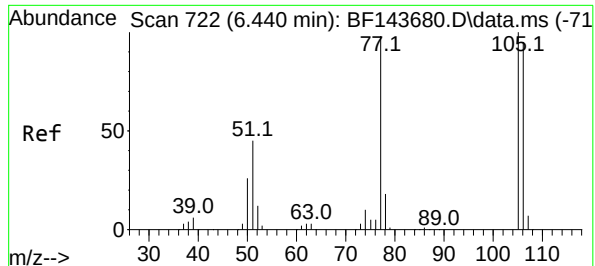


#8
2-Chlorophenol
Concen: 41.054 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



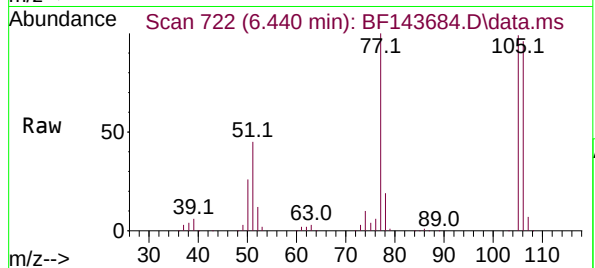
Tgt Ion:128 Resp: 160142
Ion Ratio Lower Upper
128 100
130 32.3 12.0 52.0
64 47.9 31.9 71.9





#9
Benzaldehyde
Concen: 42.346 ng
RT: 6.440 min Scan# 722
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

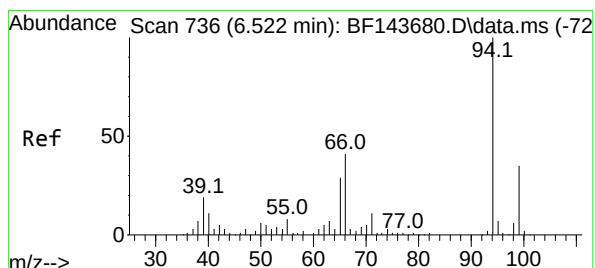
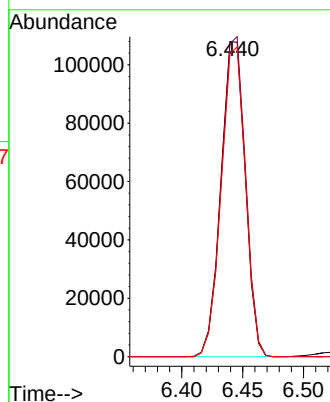
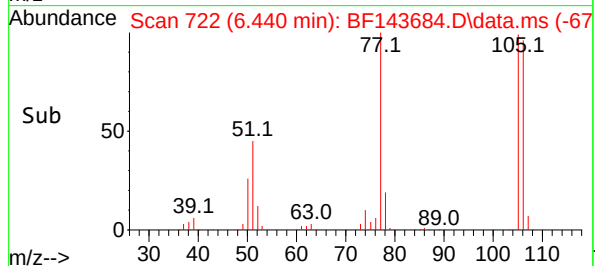
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion: 77 Resp: 150248
Ion Ratio Lower Upper
77 100
105 99.3 81.7 121.7
106 96.1 76.9 116.9

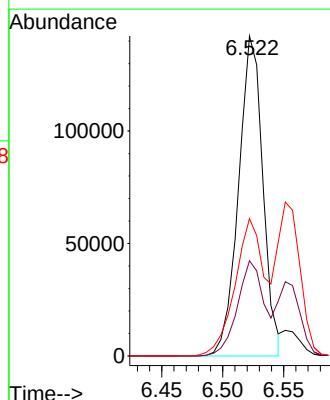
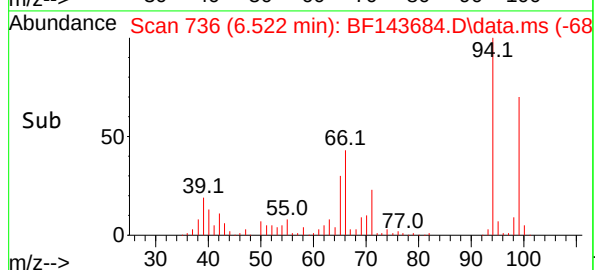
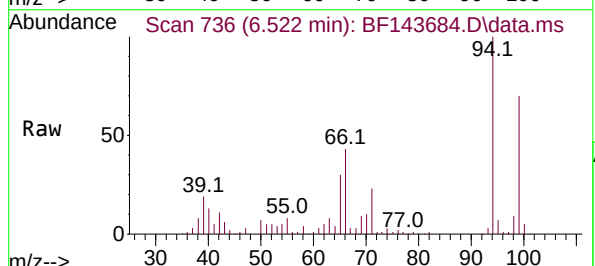
Manual Integrations
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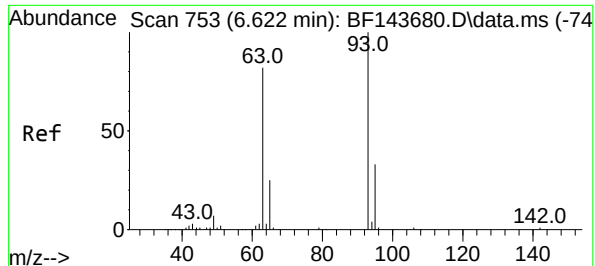
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#10
Phenol
Concen: 40.476 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion: 94 Resp: 196759
Ion Ratio Lower Upper
94 100
65 29.7 9.1 49.1
66 42.9 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 40.679 ng

RT: 6.628 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion: 93 Resp: 147688

Ion Ratio Lower Upper

93 100

63 79.4 61.8 101.8

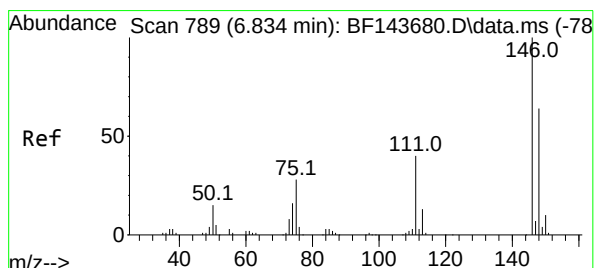
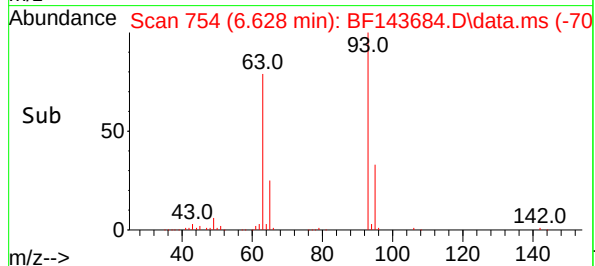
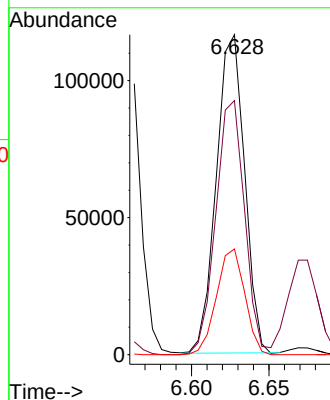
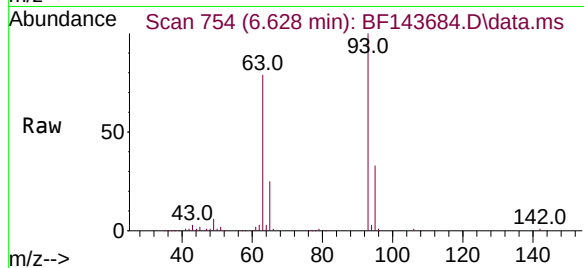
95 33.0 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#12

1,3-Dichlorobenzene

Concen: 40.920 ng

RT: 6.834 min Scan# 789

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

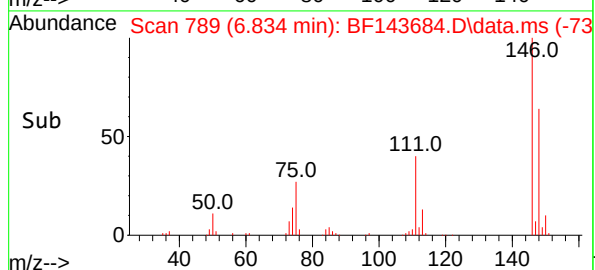
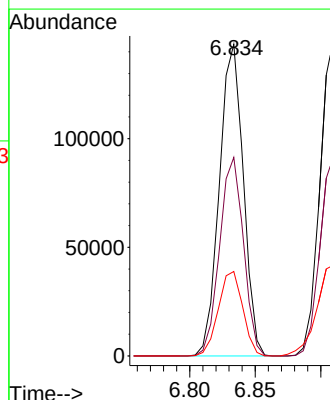
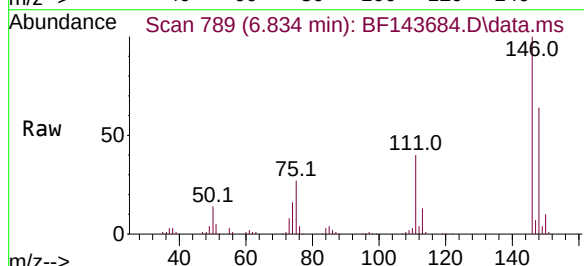
Tgt Ion:146 Resp: 182553

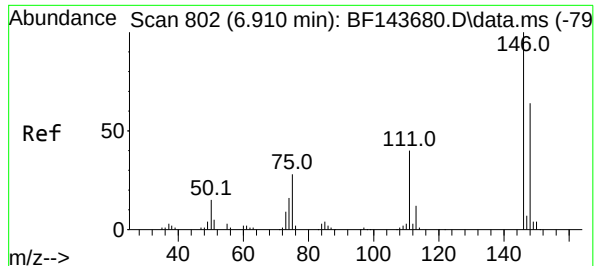
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

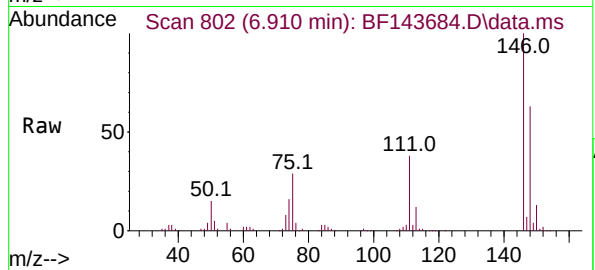
75 27.1 22.0 33.0





#13
1,4-Dichlorobenzene
Concen: 40.501 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

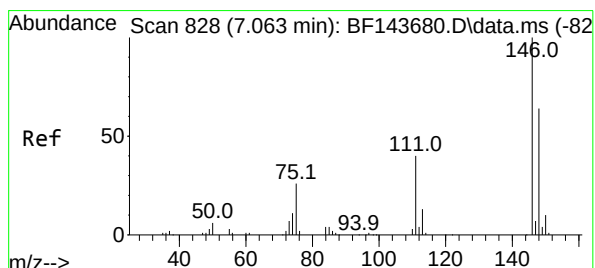
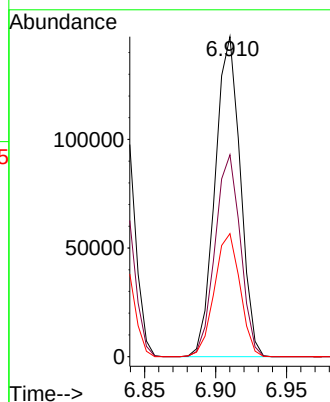
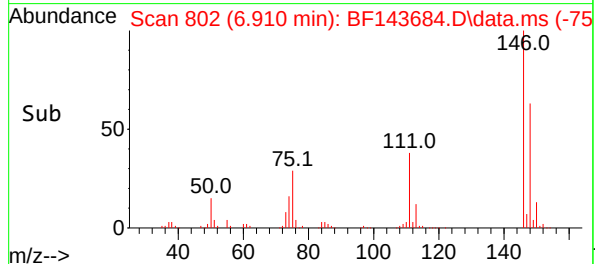
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



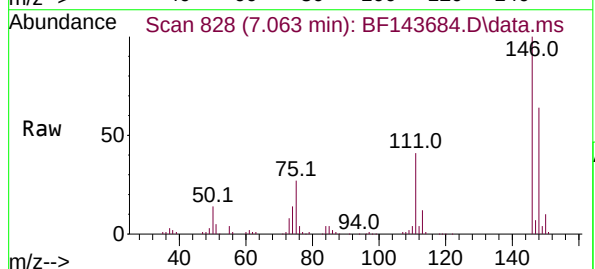
Tgt Ion:146 Resp: 182369
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 38.4 31.8 47.8

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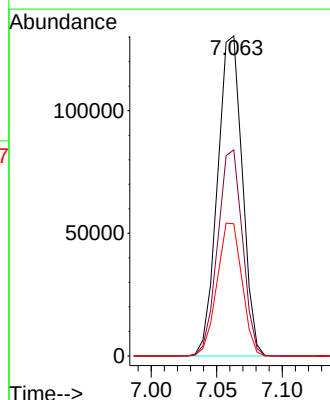
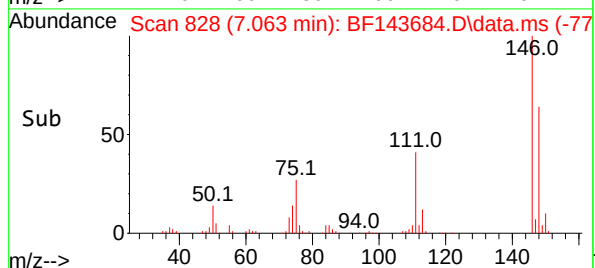
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

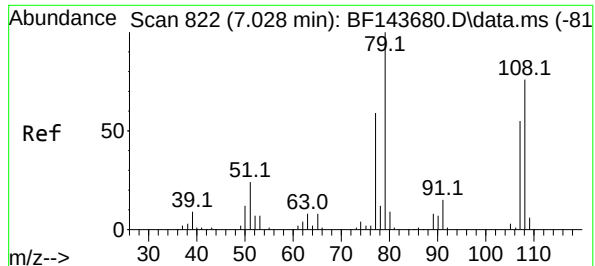


#14
1,2-Dichlorobenzene
Concen: 40.375 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:146 Resp: 171682
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
111 41.3 32.3 48.5





#15

Benzyl Alcohol

Concen: 41.621 ng

RT: 7.028 min Scan# 822

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion: 79 Resp: 133140

Ion Ratio Lower Upper

79 100

108 76.1 60.9 91.3

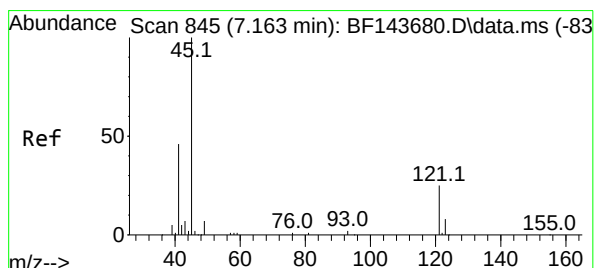
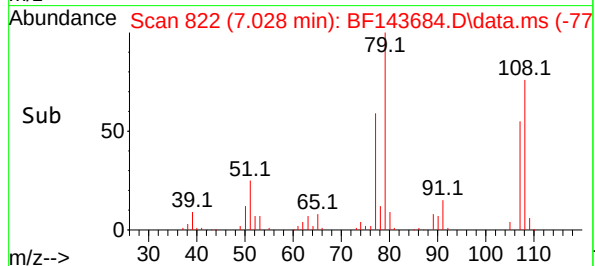
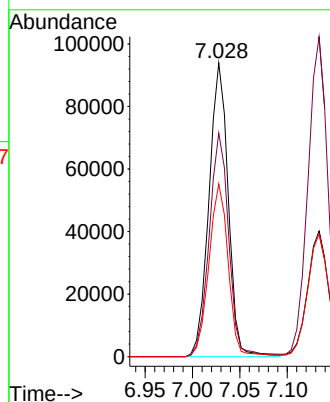
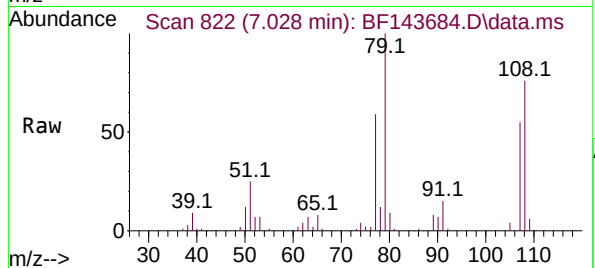
77 58.8 47.4 71.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.676 ng

RT: 7.163 min Scan# 845

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

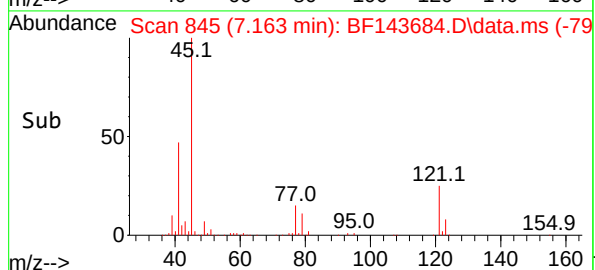
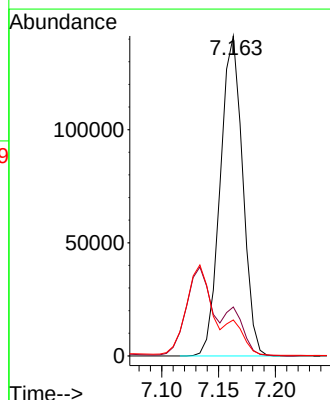
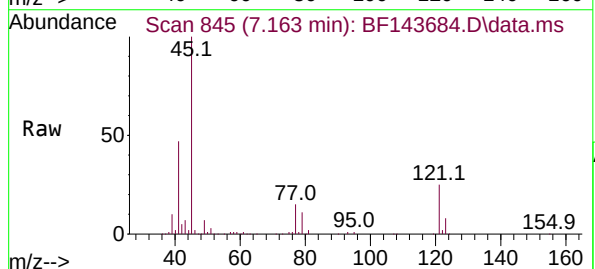
Tgt Ion: 45 Resp: 193205

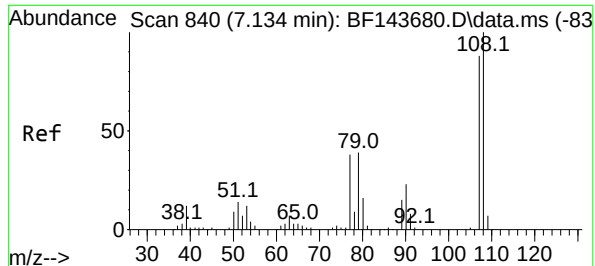
Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.6

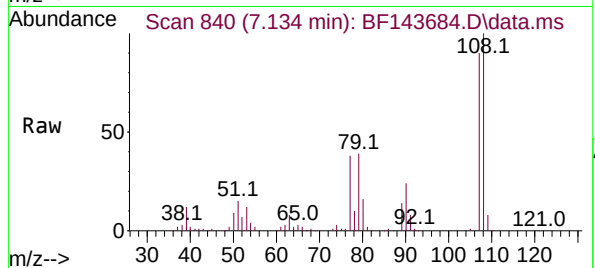
79 11.2 0.0 31.3





#17
2-Methylphenol
Concen: 42.123 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

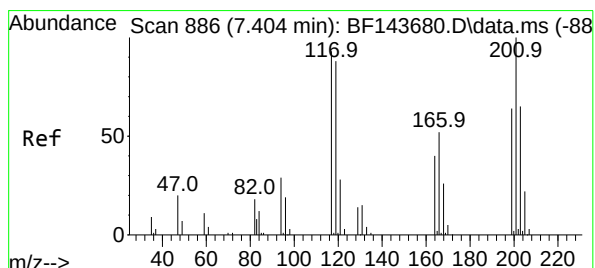
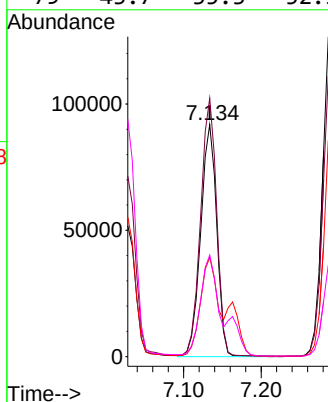
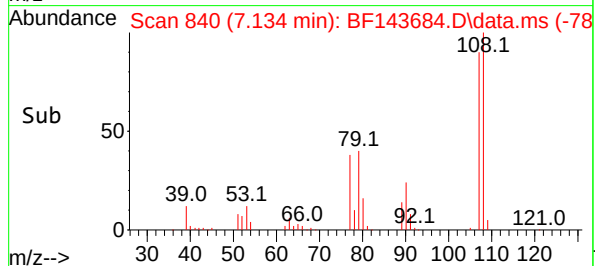
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion:107 Resp: 132179
Ion Ratio Lower Upper
107 100
108 111.4 90.9 136.3
77 42.7 34.4 51.6
79 43.7 35.3 52.9

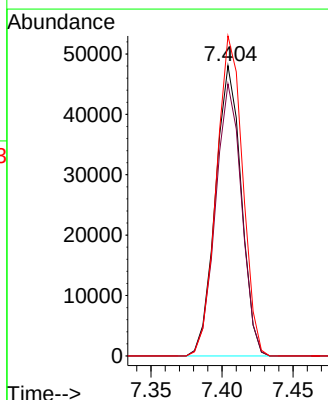
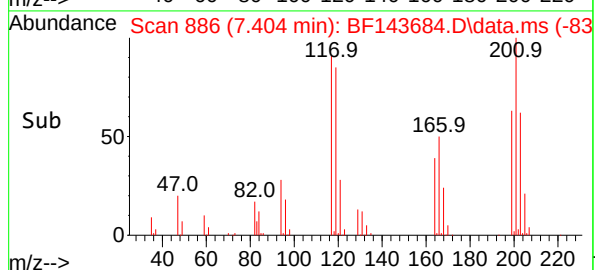
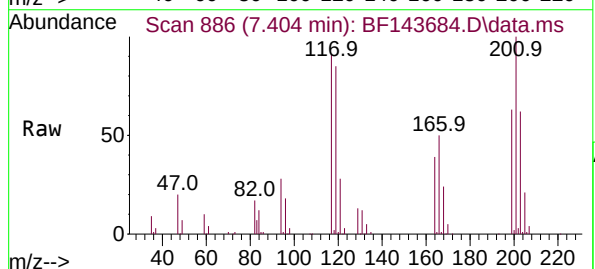
Manual Integrations
APPROVED

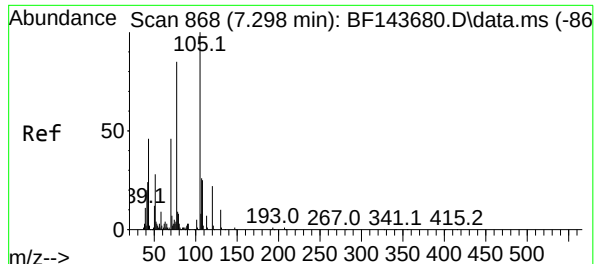
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#18
Hexachloroethane
Concen: 41.827 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:117 Resp: 60841
Ion Ratio Lower Upper
117 100
119 93.8 76.2 114.2
201 110.3 86.4 129.6





#19

n-Nitroso-di-n-propylamine

Concen: 41.037 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion: 70 Resp: 110835

Ion Ratio Lower Upper

70 100

42 51.5 41.4 62.2

101 9.8 8.1 12.1

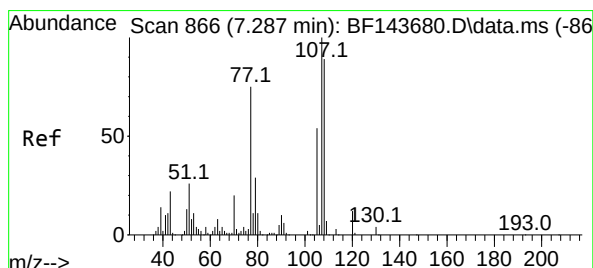
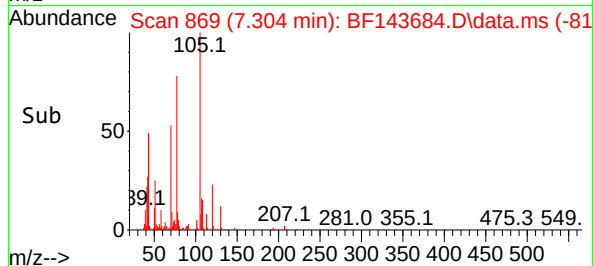
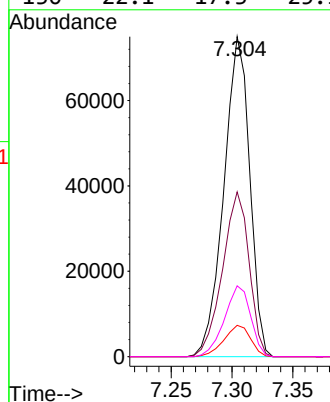
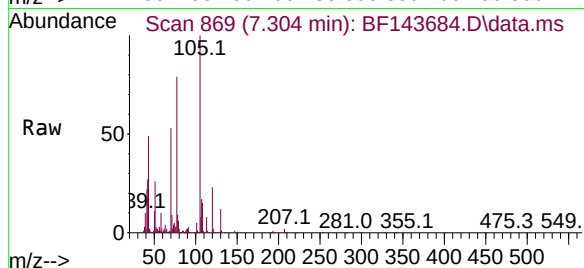
130 22.1 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#20

3+4-Methylphenols

Concen: 41.342 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Tgt Ion:107 Resp: 170831

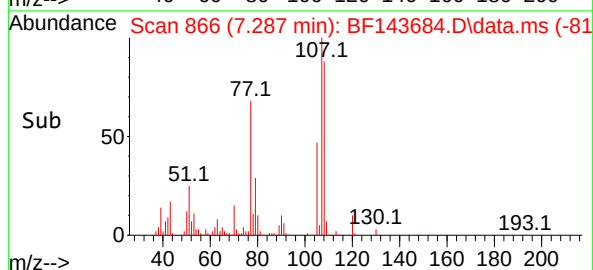
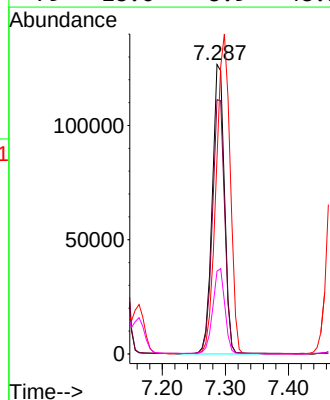
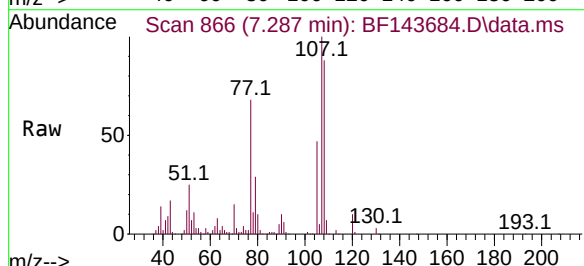
Ion Ratio Lower Upper

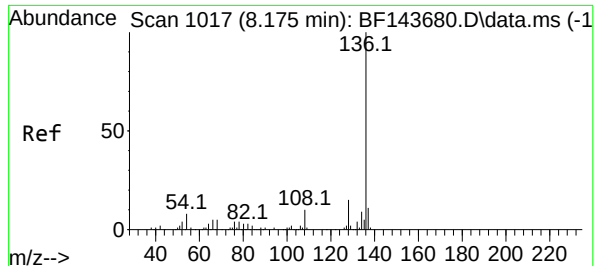
107 100

108 87.8 68.6 108.6

77 67.7 54.6 94.6

79 28.6 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF143684.D

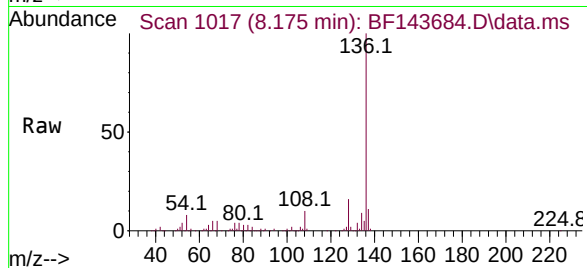
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



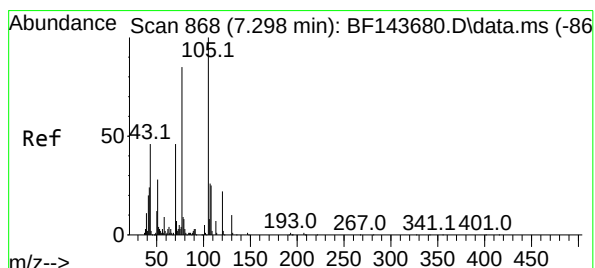
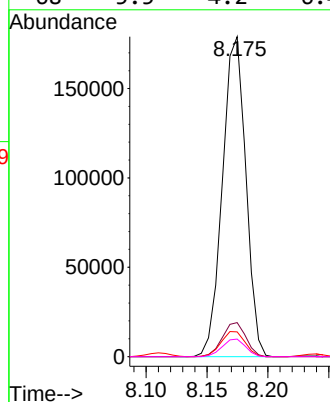
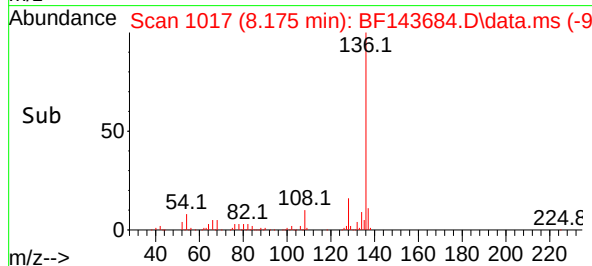
Tgt Ion:	136	Resp:	239239
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.7	6.2	9.2
68	5.5	4.2	6.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#22

Acetophenone

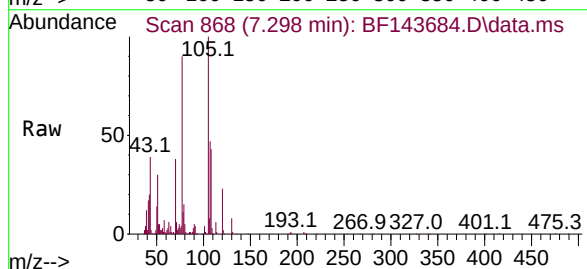
Concen: 39.924 ng

RT: 7.298 min Scan# 868

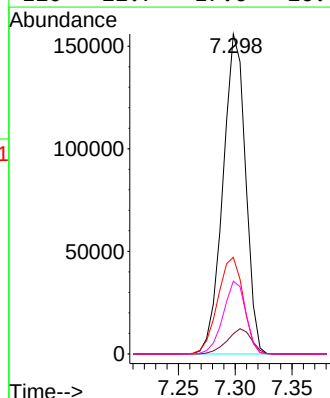
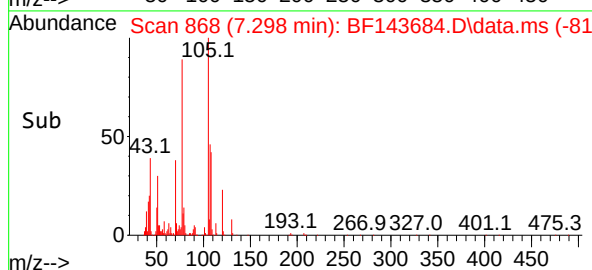
Delta R.T. -0.000 min

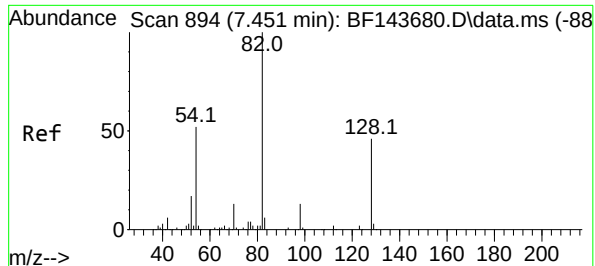
Lab File: BF143684.D

Acq: 09 Sep 2025 15:03



Tgt Ion:	105	Resp:	215719
Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.9	8.9
51	30.2	22.4	33.6
120	22.7	17.6	26.4





#23

Nitrobenzene-d5

Concen: 83.786 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion: 82 Resp: 322262

Ion Ratio Lower Upper

82 100

128 45.3 37.0 55.4

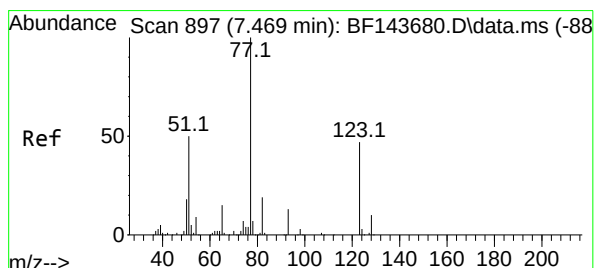
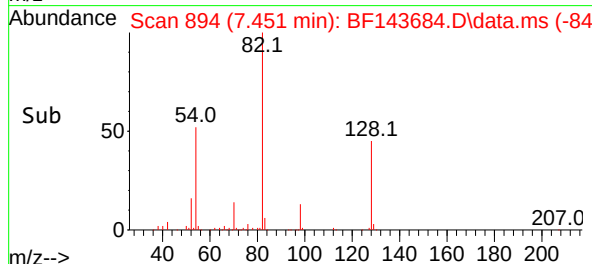
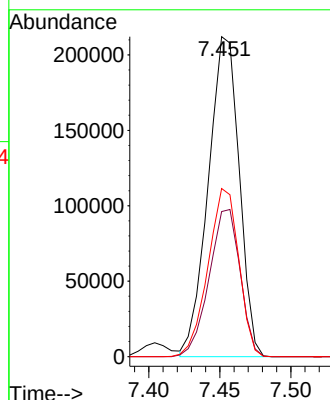
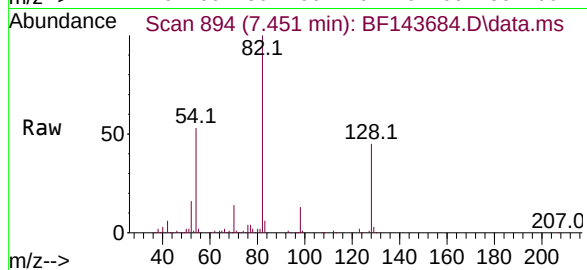
54 52.5 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#24

Nitrobenzene

Concen: 40.293 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

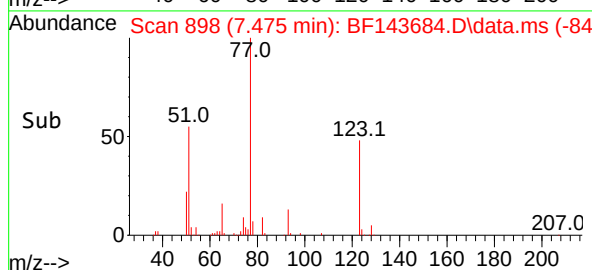
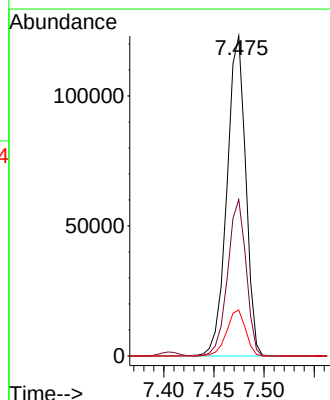
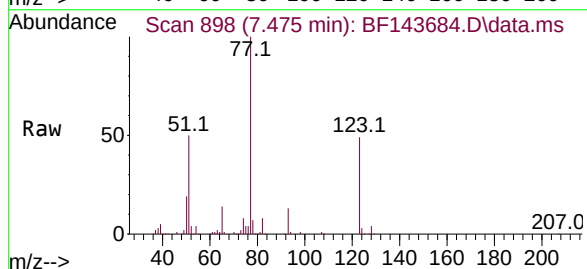
Tgt Ion: 77 Resp: 160692

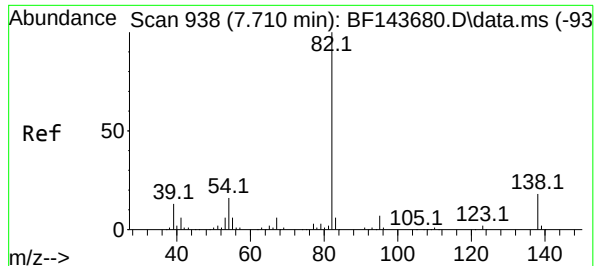
Ion Ratio Lower Upper

77 100

123 48.8 37.4 56.0

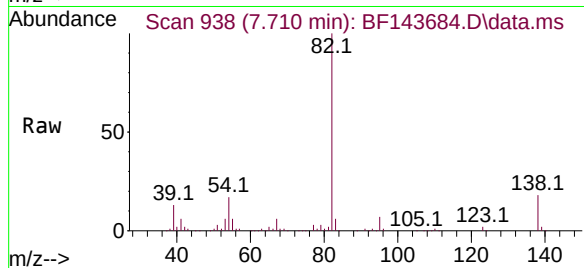
65 14.3 11.6 17.4





#25
Isophorone
Concen: 40.730 ng
RT: 7.710 min Scan# 938
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

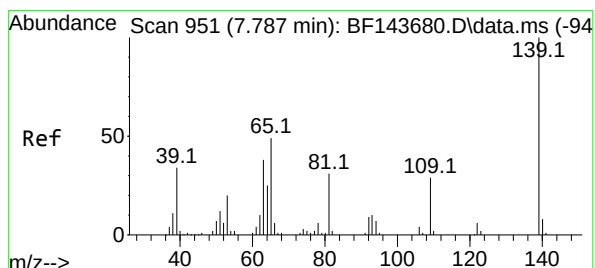
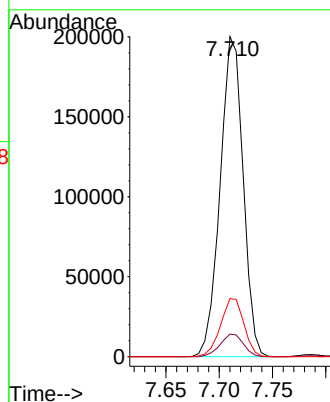
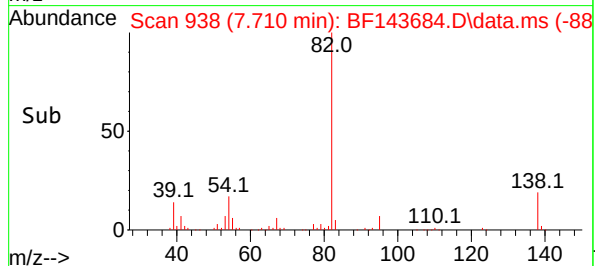
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion: 82 Resp: 300398
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.2 14.8 22.2

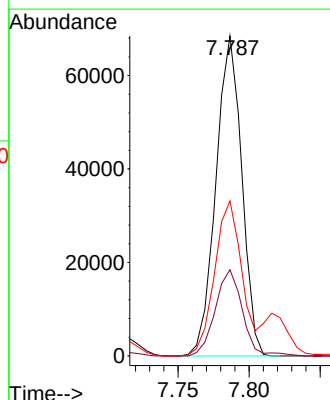
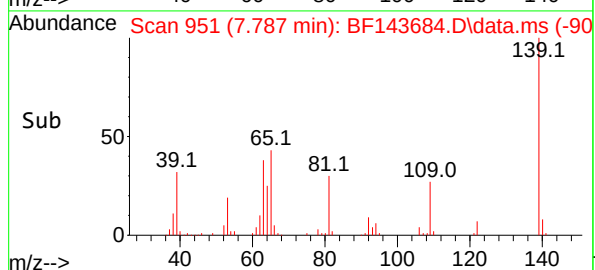
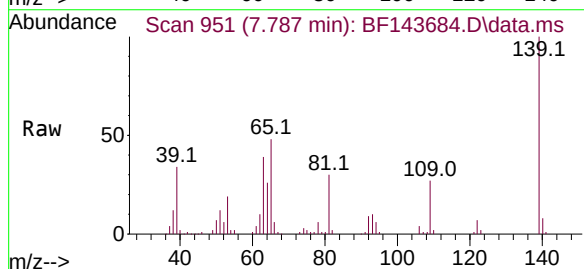
Manual Integrations
APPROVED

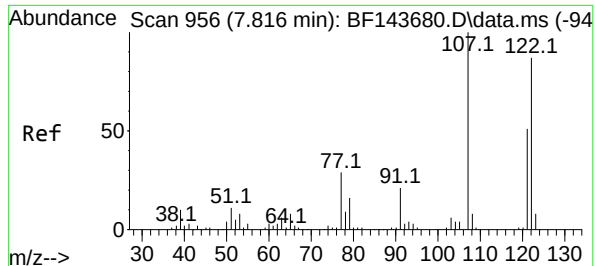
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#26
2-Nitrophenol
Concen: 44.246 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

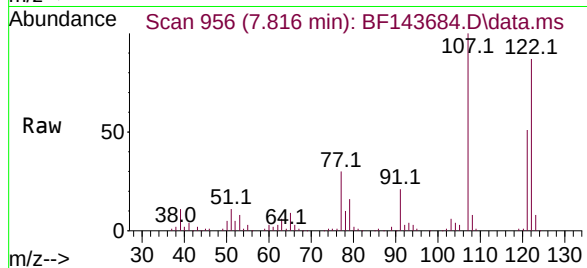
Tgt Ion:139 Resp: 86760
Ion Ratio Lower Upper
139 100
109 26.9 22.8 34.2
65 48.4 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 40.089 ng
RT: 7.816 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

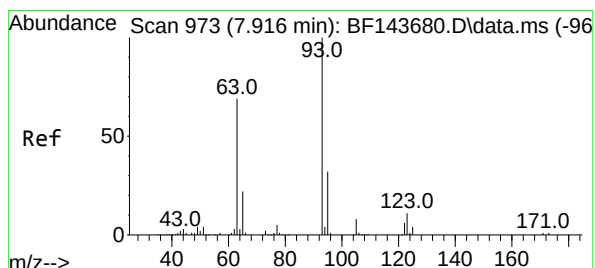
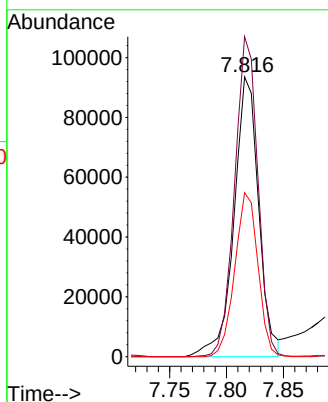
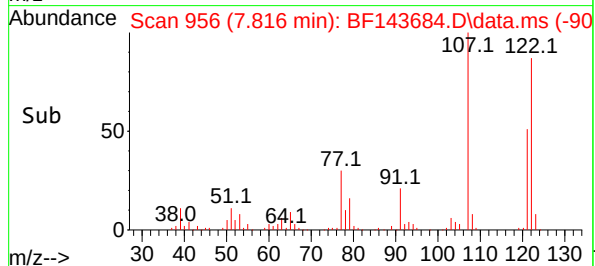
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



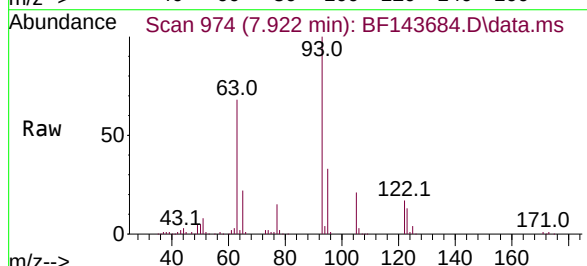
Tgt Ion:122 Resp: 141119
Ion Ratio Lower Upper
122 100
107 114.4 92.1 138.1
121 58.6 46.9 70.3

Manual Integrations
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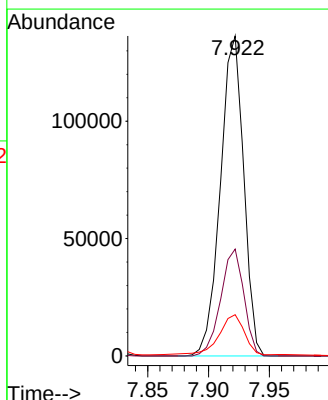
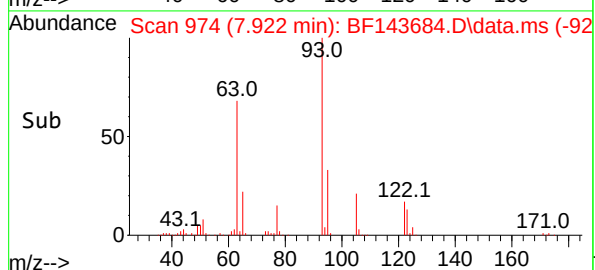
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

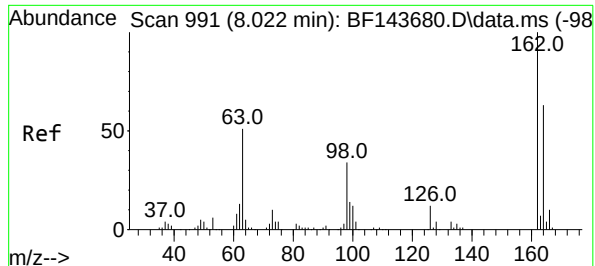


#28
bis(2-Chloroethoxy)methane
Concen: 40.004 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion: 93 Resp: 181315
Ion Ratio Lower Upper
93 100
95 33.4 26.0 39.0
123 12.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.236 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF143684.D

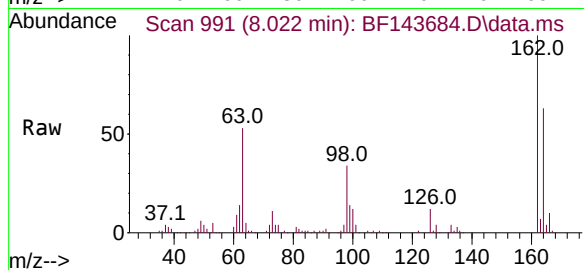
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



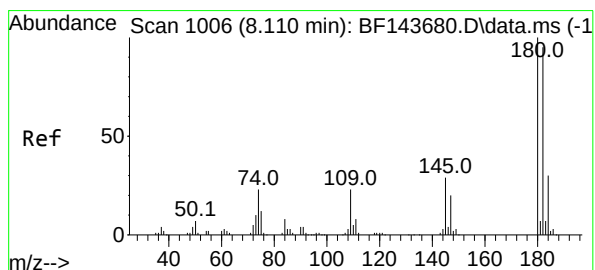
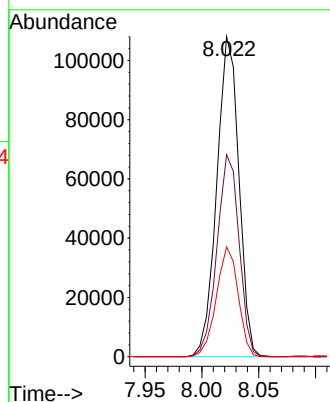
Tgt Ion:	162	Resp:	146015
Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.0	83.0
98	34.3	13.8	53.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#30

1,2,4-Trichlorobenzene

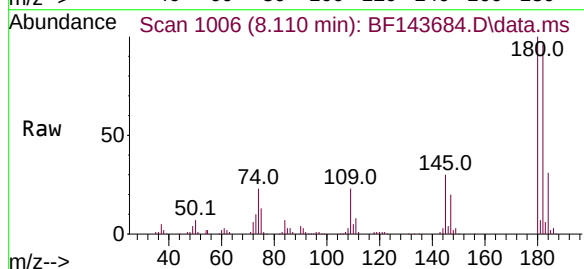
Concen: 39.992 ng

RT: 8.110 min Scan# 1006

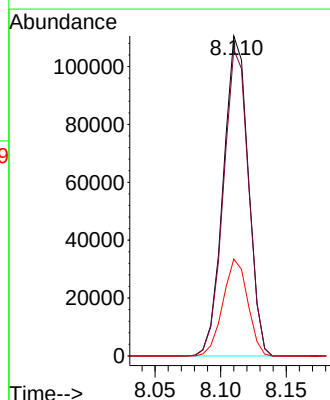
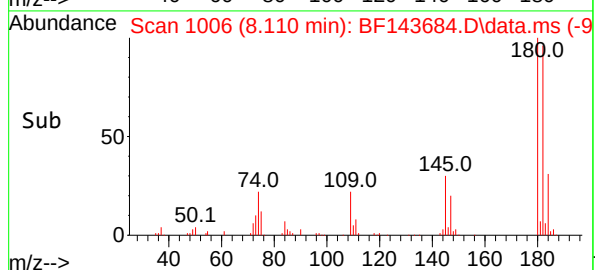
Delta R.T. -0.000 min

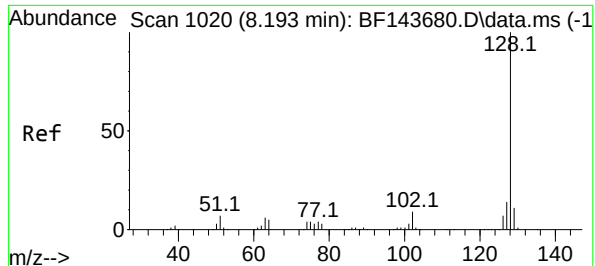
Lab File: BF143684.D

Acq: 09 Sep 2025 15:03



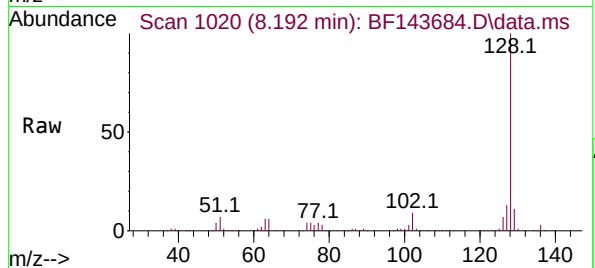
Tgt Ion:	180	Resp:	146710
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.4
145	30.2	23.2	34.8





#31
Naphthalene
Concen: 39.822 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

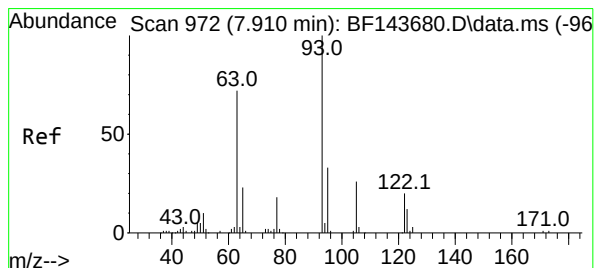
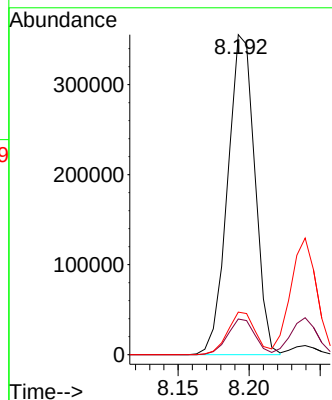
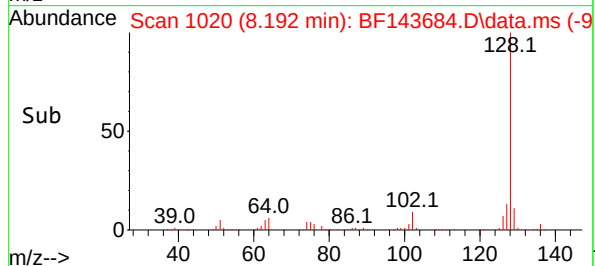
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion:128 Resp: 471612
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3

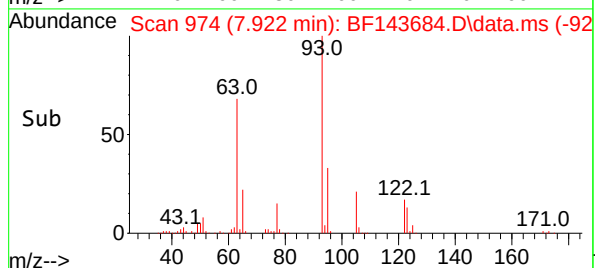
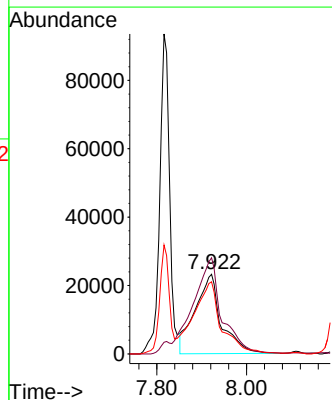
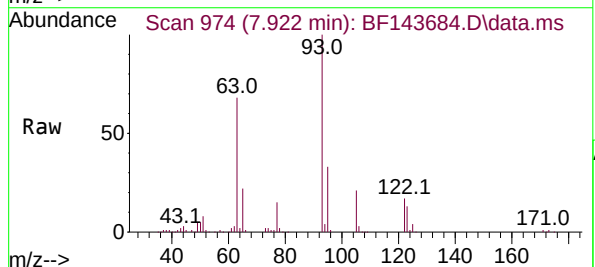
Manual Integrations
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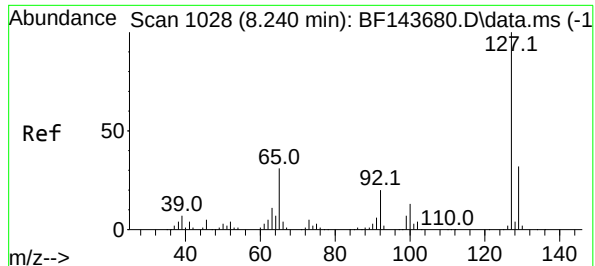
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#32
Benzoic acid
Concen: 44.017 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:122 Resp: 94531
Ion Ratio Lower Upper
122 100
105 120.6 105.2 145.2
77 90.5 72.0 112.0





#33

4-Chloroaniline

Concen: 40.656 ng

RT: 8.239 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion:127 Resp: 167620

Ion Ratio Lower Upper

127 100

129 31.7 26.0 39.0

65 31.3 24.6 36.8

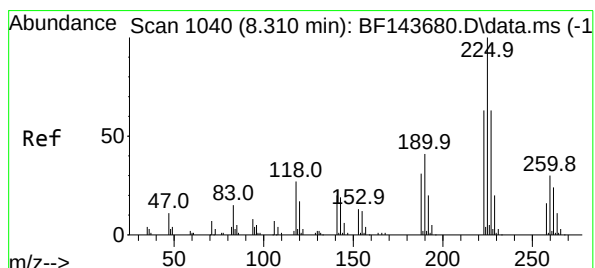
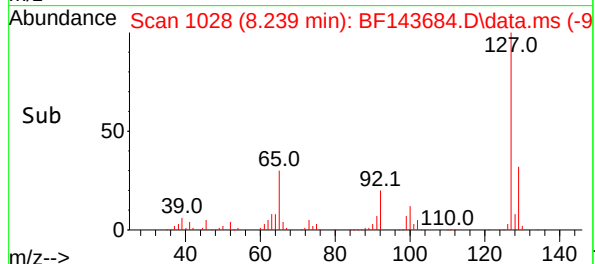
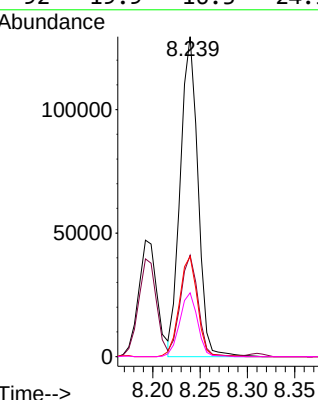
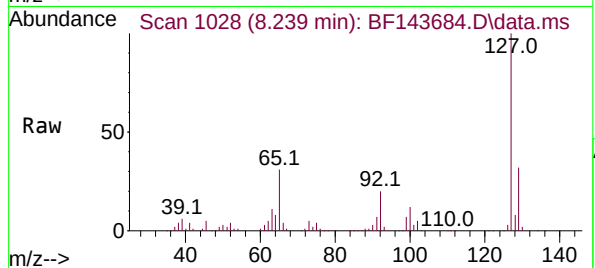
92 19.9 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#34

Hexachlorobutadiene

Concen: 40.915 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

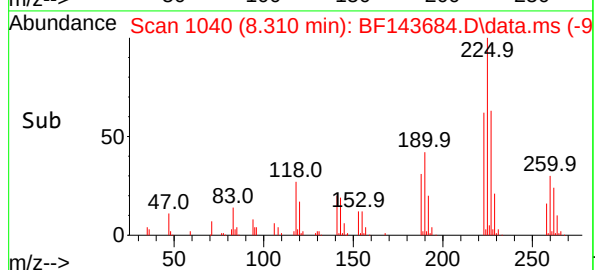
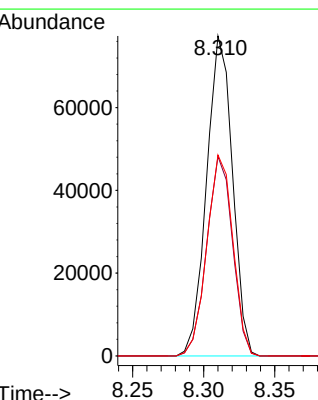
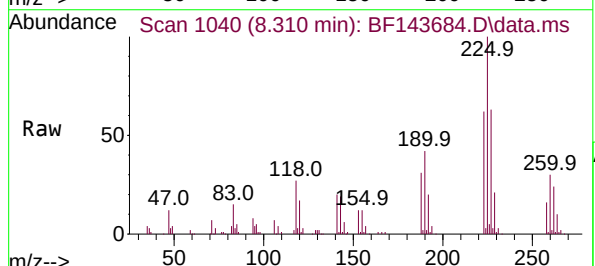
Tgt Ion:225 Resp: 97899

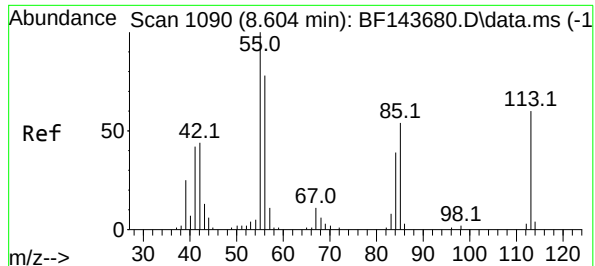
Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

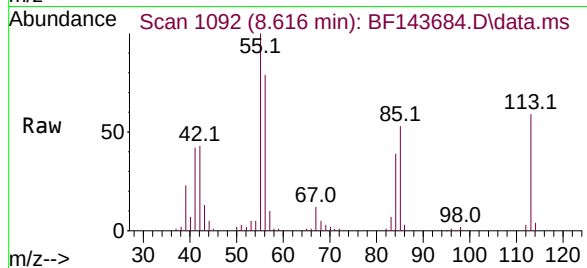
227 62.8 50.8 76.2





#35
Caprolactam
Concen: 42.120 ng
RT: 8.616 min Scan# 1092
Delta R.T. 0.012 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

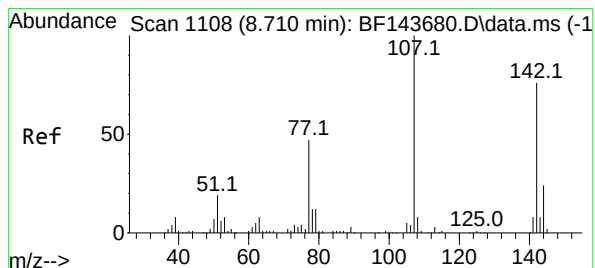
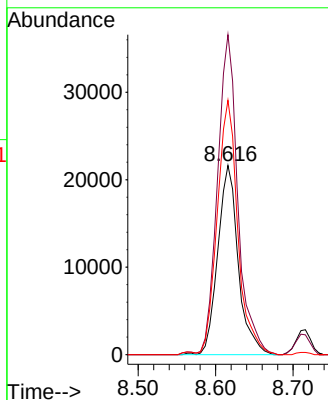
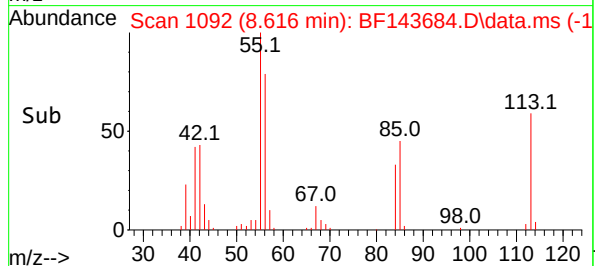
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



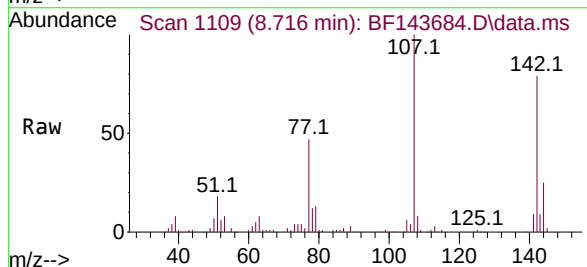
Tgt Ion:113 Resp: 39696
Ion Ratio Lower Upper
113 100
55 169.2 148.9 188.9
56 134.5 112.8 152.8

Manual Integrations
APPROVED

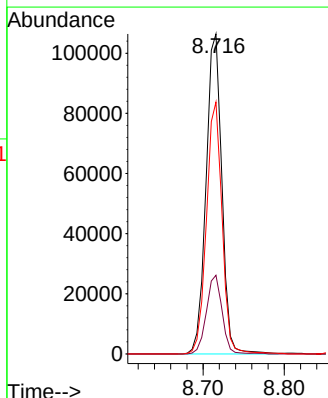
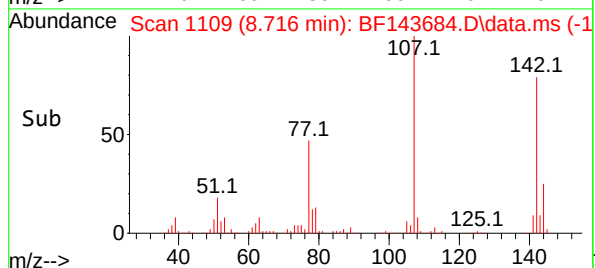
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

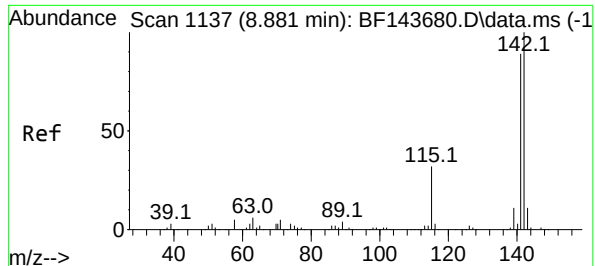


#36
4-Chloro-3-methylphenol
Concen: 41.254 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:107 Resp: 144035
Ion Ratio Lower Upper
107 100
144 24.6 19.4 29.2
142 78.7 60.6 91.0





#37

2-Methylnaphthalene

Concen: 39.380 ng

RT: 8.886 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion:142 Resp: 319256

Ion Ratio Lower Upper

142 100

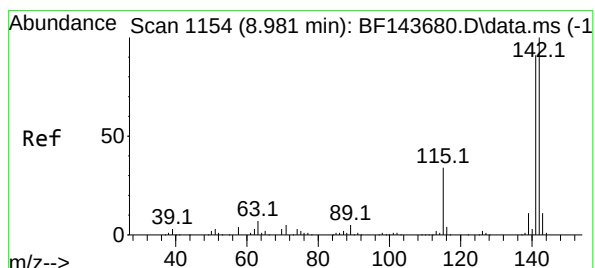
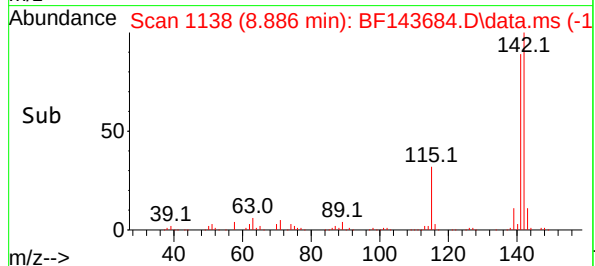
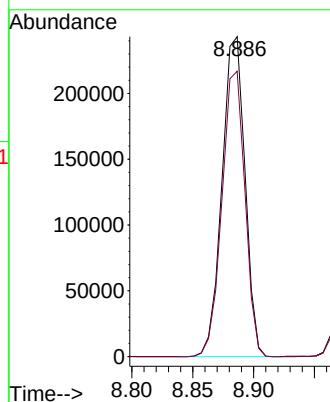
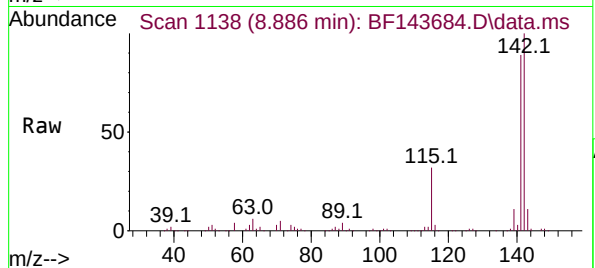
141 89.2 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#38

1-Methylnaphthalene

Concen: 39.839 ng

RT: 8.986 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BF143684.D

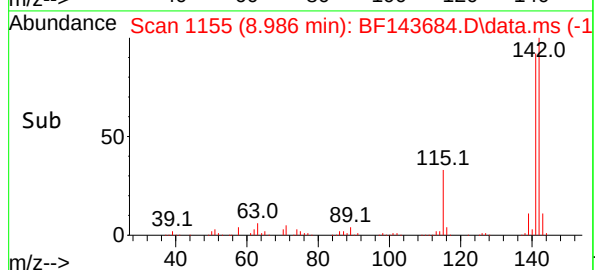
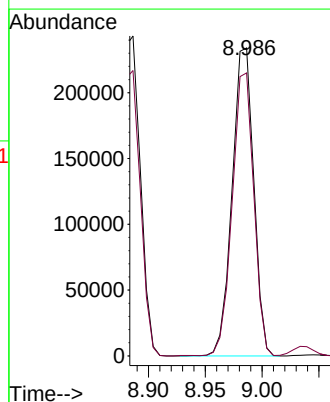
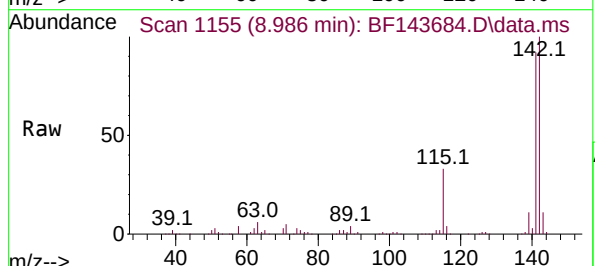
Acq: 09 Sep 2025 15:03

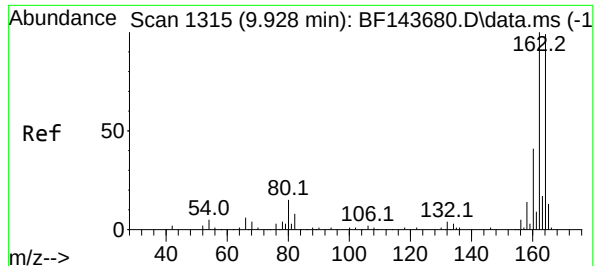
Tgt Ion:142 Resp: 309953

Ion Ratio Lower Upper

142 100

141 91.9 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF143684.D

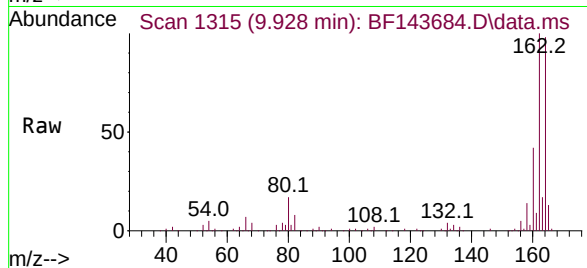
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



Tgt Ion:164 Resp: 135701

Ion Ratio Lower Upper

164 100

162 101.7 80.6 121.0

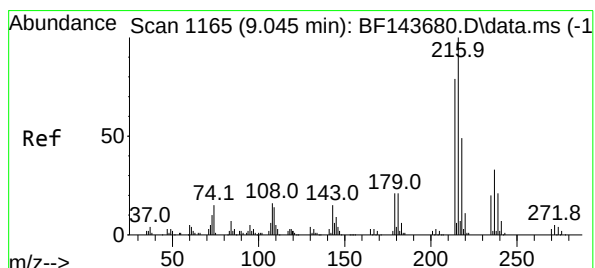
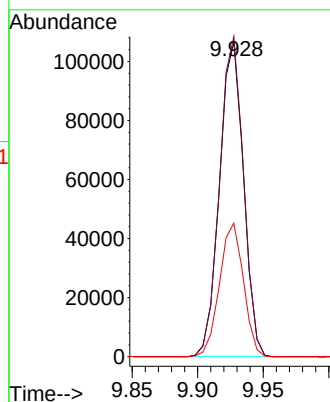
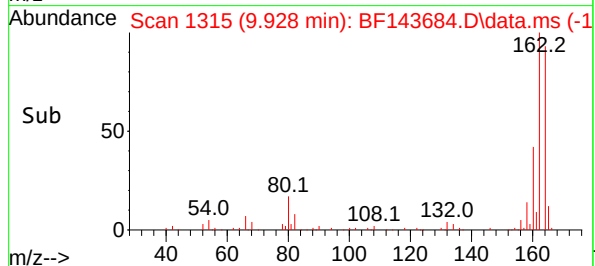
160 42.4 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#40

1,2,4,5-Tetrachlorobenzene

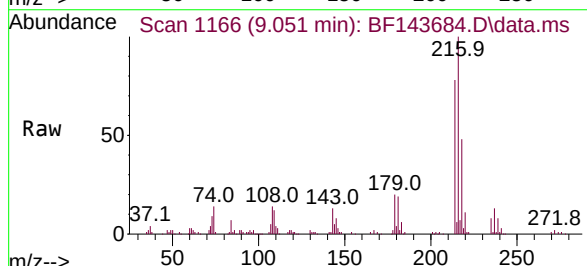
Concen: 40.693 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03



Tgt Ion:216 Resp: 158089

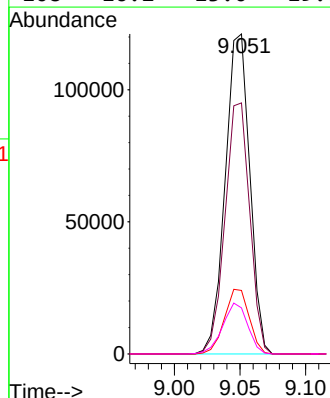
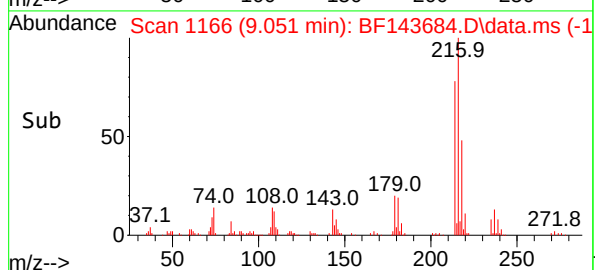
Ion Ratio Lower Upper

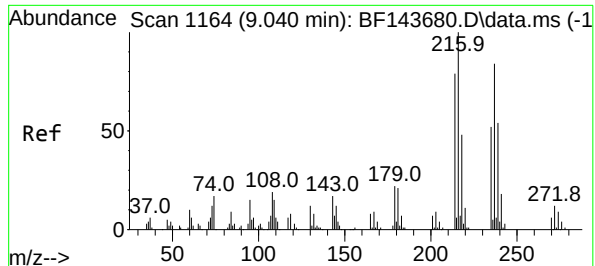
216 100

214 78.7 63.2 94.8

179 20.3 16.8 25.2

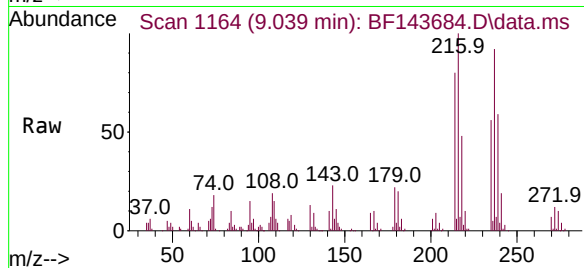
108 16.2 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 42.165 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

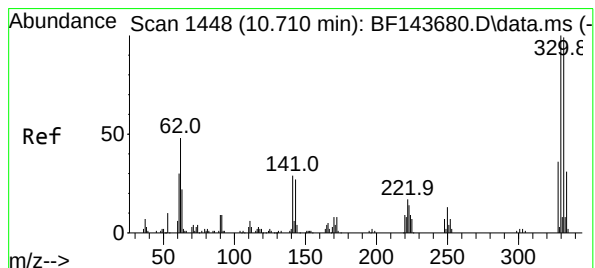
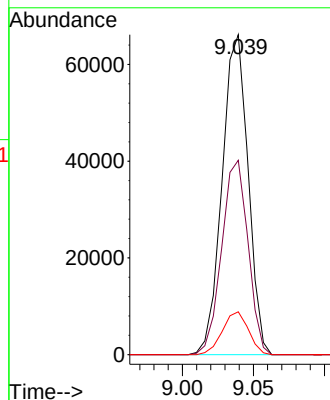
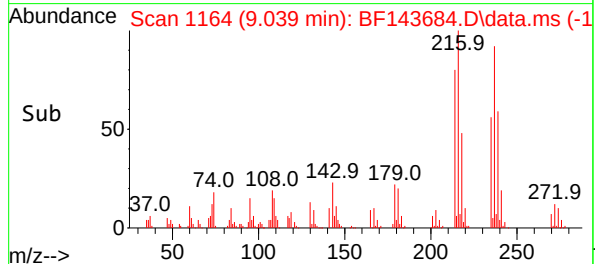
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



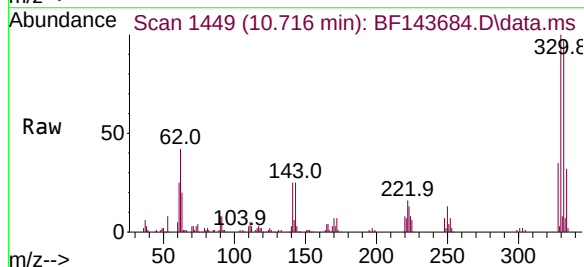
Tgt Ion: 237 Resp: 84098
Ion Ratio Lower Upper
237 100
235 60.7 41.6 81.6
272 13.4 0.0 33.9

Manual Integrations
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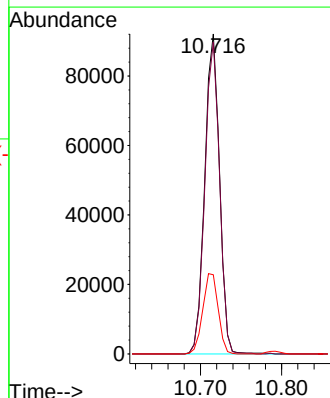
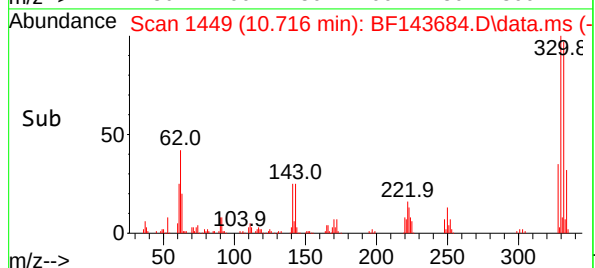
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

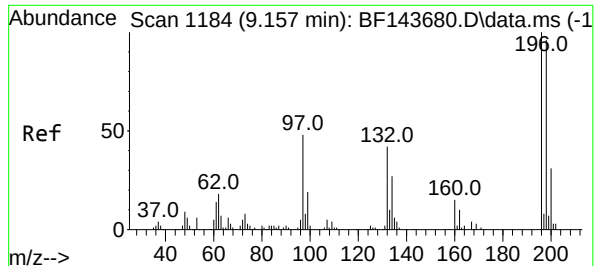


#42
2,4,6-Tribromophenol
Concen: 85.251 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion: 330 Resp: 116586
Ion Ratio Lower Upper
330 100
332 96.9 79.2 118.8
141 26.1 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 41.574 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF143684.D

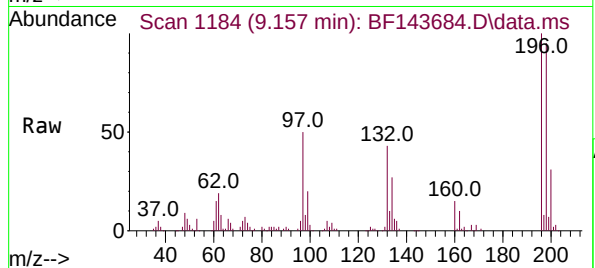
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



Tgt Ion:196 Resp: 107849

Ion Ratio Lower Upper

196 100

198 94.9 76.5 114.7

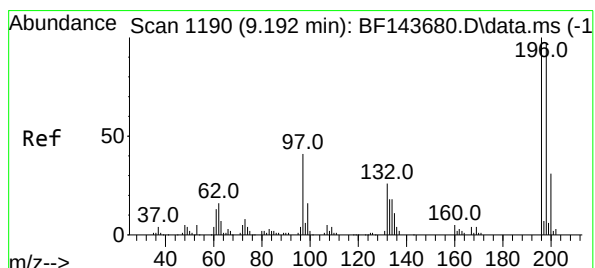
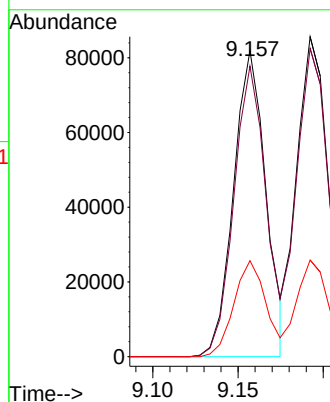
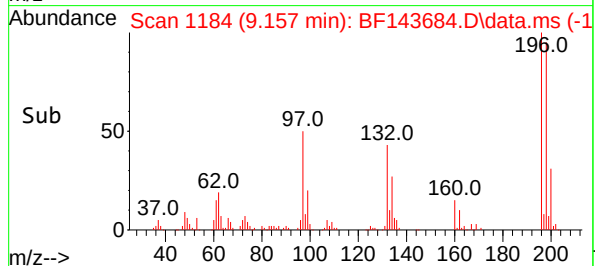
200 31.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#44

2,4,5-Trichlorophenol

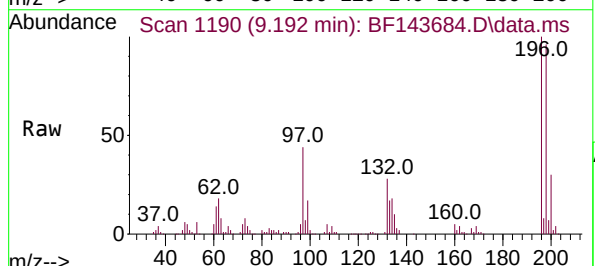
Concen: 41.502 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03



Tgt Ion:196 Resp: 109448

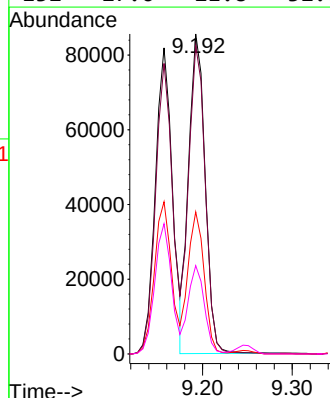
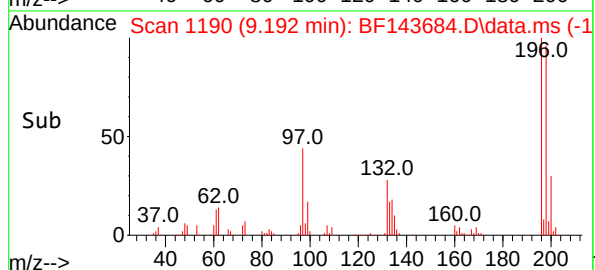
Ion Ratio Lower Upper

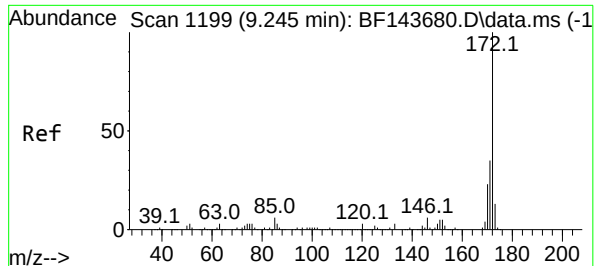
196 100

198 96.3 77.0 115.6

97 44.4 34.2 51.4

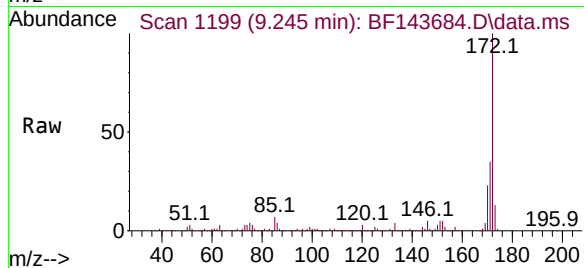
132 27.6 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 79.141 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

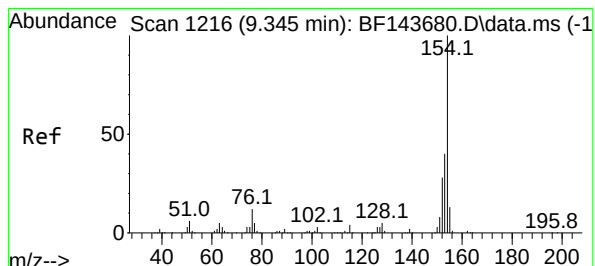
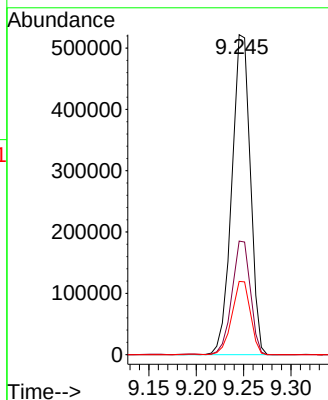
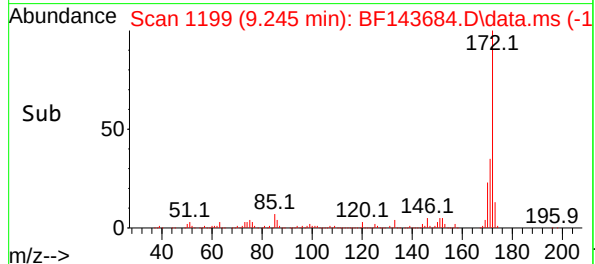
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



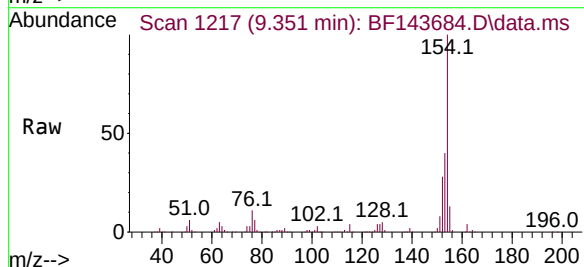
Tgt Ion:172 Resp: 710939
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 22.9 18.6 27.8

Manual Integrations
APPROVED

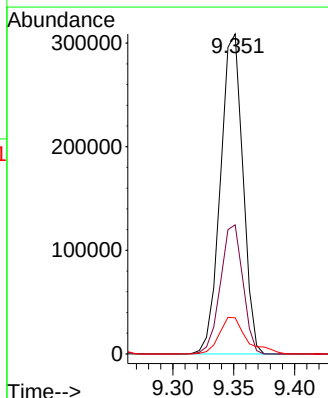
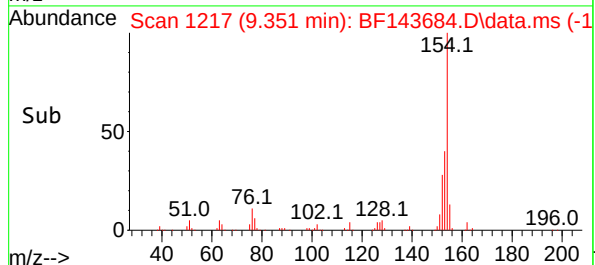
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

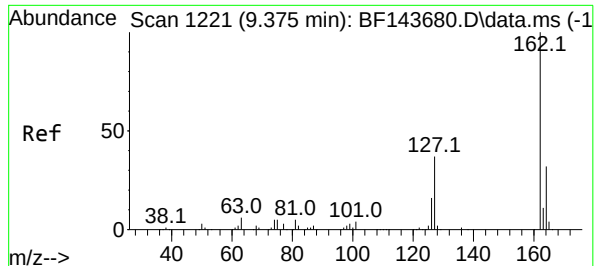


#46
1,1'-Biphenyl
Concen: 40.536 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:154 Resp: 396011
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 11.3 0.0 31.6





#47

2-Chloronaphthalene

Concen: 40.278 ng

RT: 9.375 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF143684.D

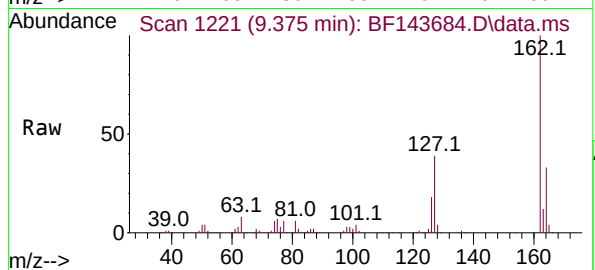
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



Tgt Ion:162 Resp: 308479

Ion Ratio Lower Upper

162 100

127 39.0 30.6 45.8

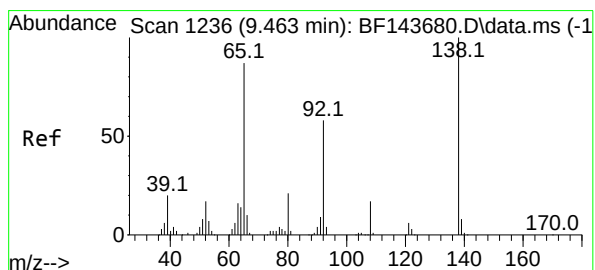
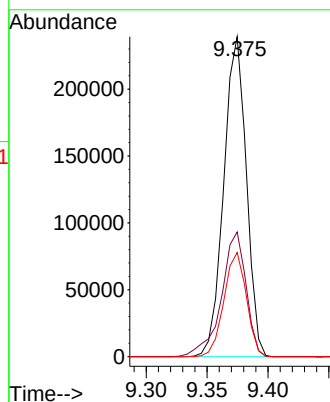
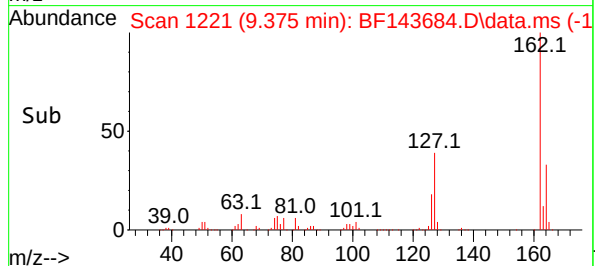
164 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#48

2-Nitroaniline

Concen: 44.177 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

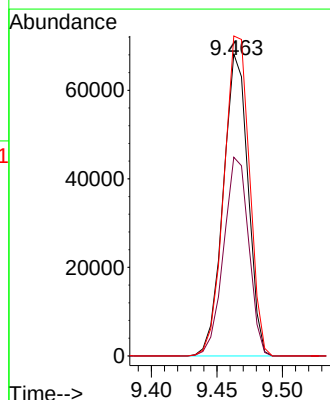
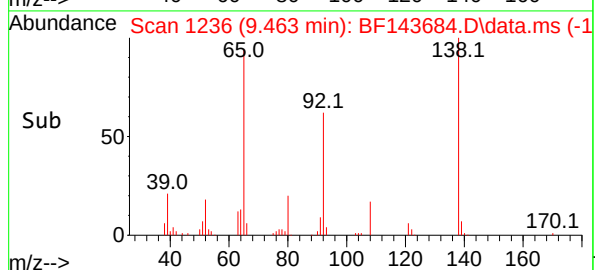
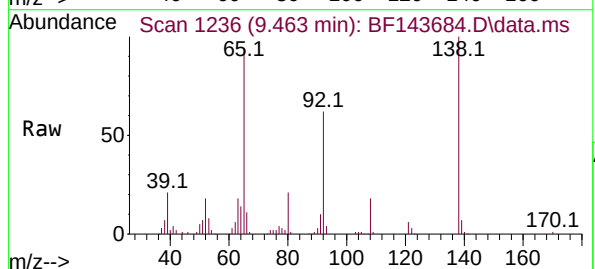
Tgt Ion: 65 Resp: 89539

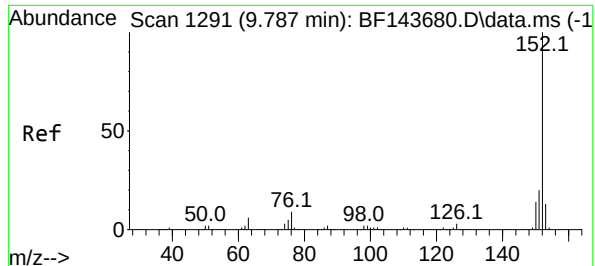
Ion Ratio Lower Upper

65 100

92 65.8 53.3 79.9

138 106.0 92.1 138.1





#49

Acenaphthylene

Concen: 40.630 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143684.D

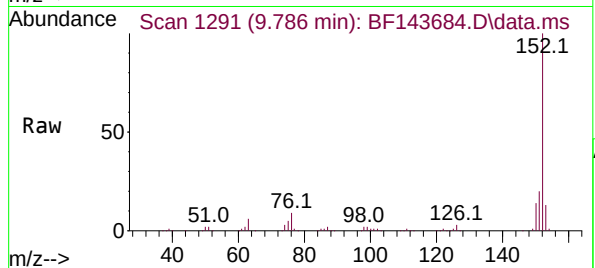
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



Tgt Ion:152 Resp: 44574

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

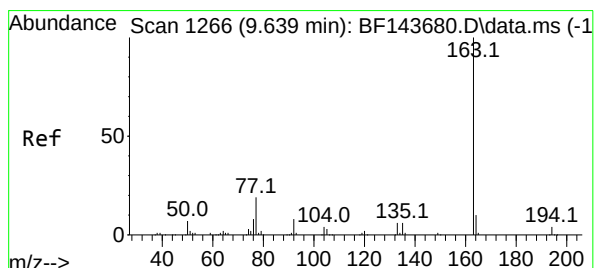
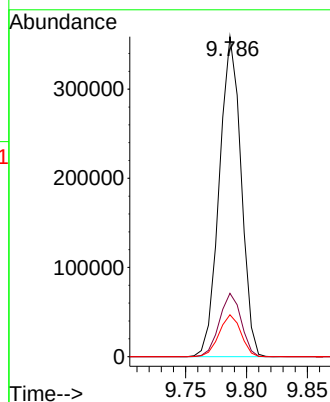
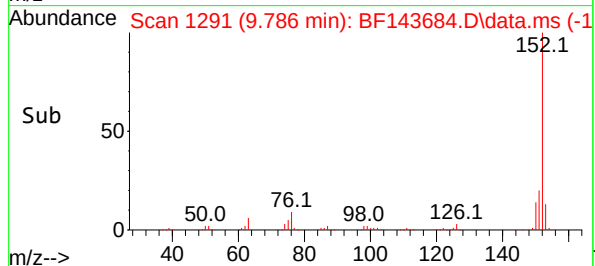
153 13.1 10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#50

Dimethylphthalate

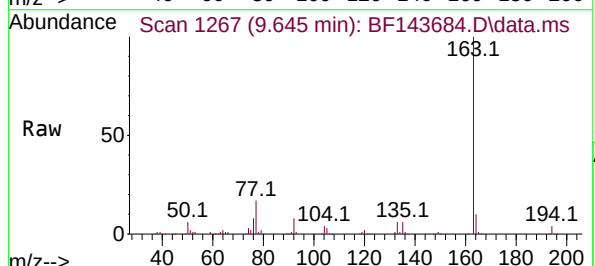
Concen: 40.828 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03



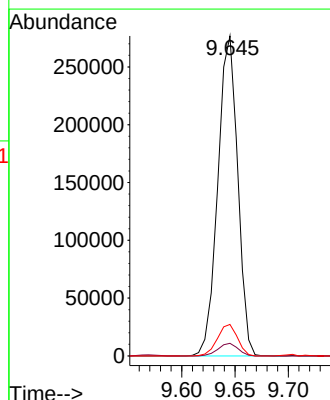
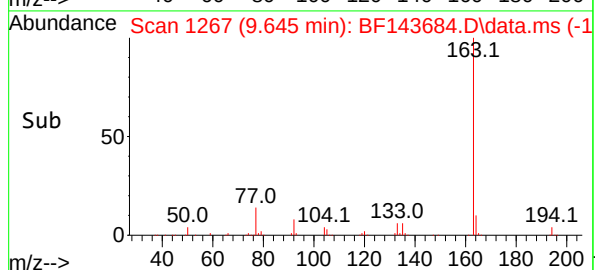
Tgt Ion:163 Resp: 360478

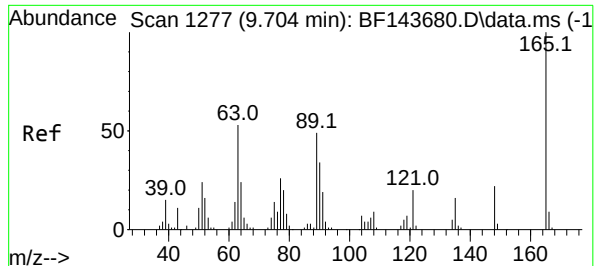
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

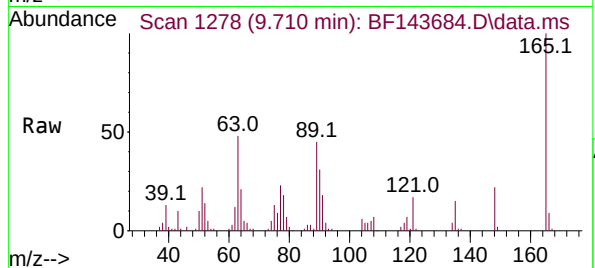
164 9.8 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.201 ng
RT: 9.710 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

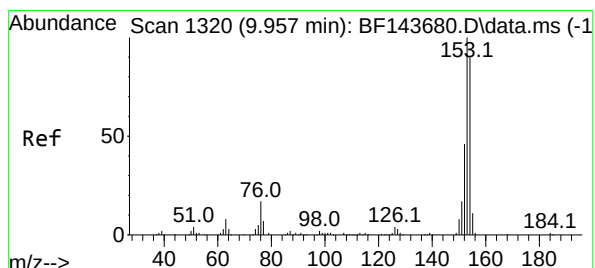
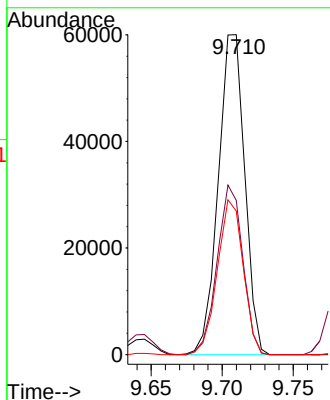
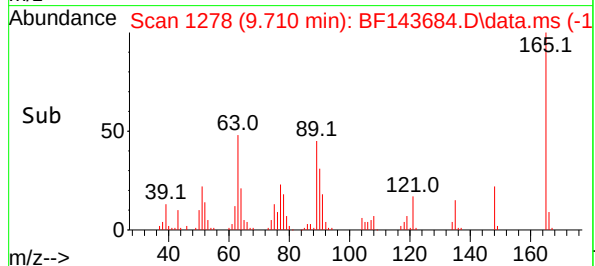
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



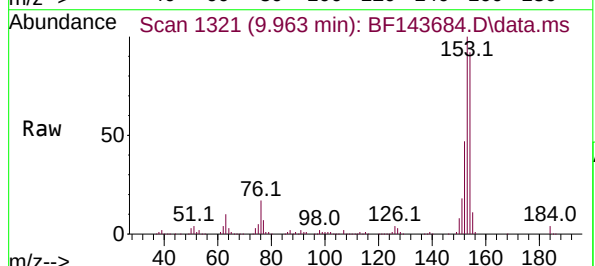
Tgt Ion:165 Resp: 77992
Ion Ratio Lower Upper
165 100
63 48.2 42.2 63.4
89 44.9 39.3 58.9

Manual Integrations
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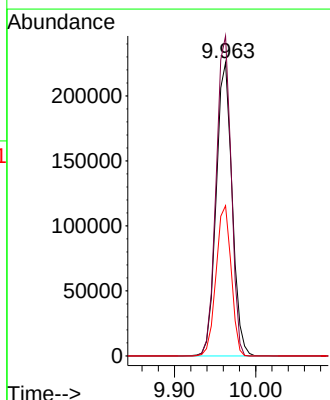
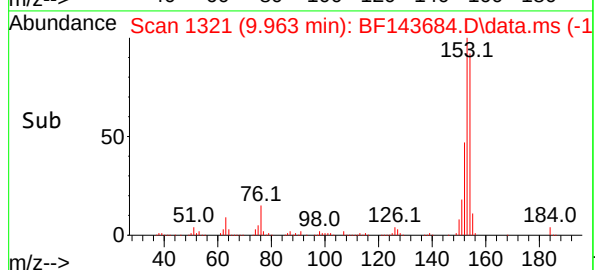
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

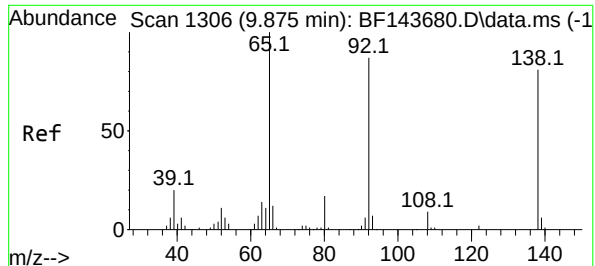


#52
Acenaphthene
Concen: 40.653 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



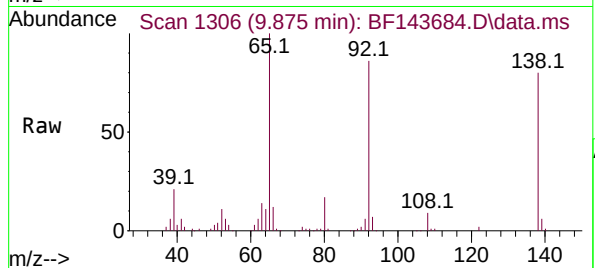
Tgt Ion:154 Resp: 307329
Ion Ratio Lower Upper
154 100
153 109.1 89.4 134.0
152 51.2 41.2 61.8





#53
3-Nitroaniline
Concen: 44.326 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

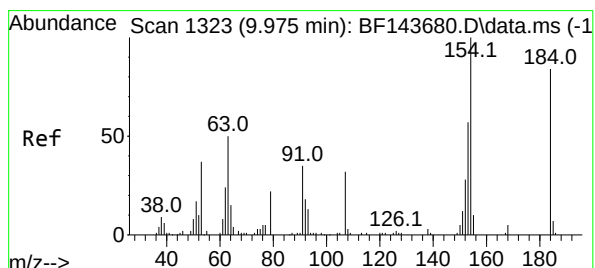
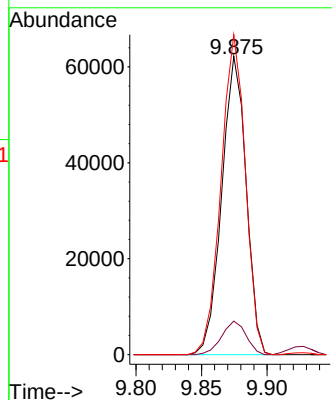
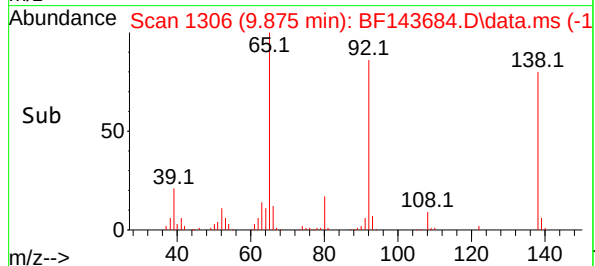
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion:138 Resp: 80526
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 107.2 85.5 128.3

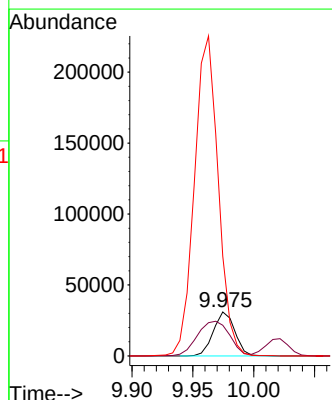
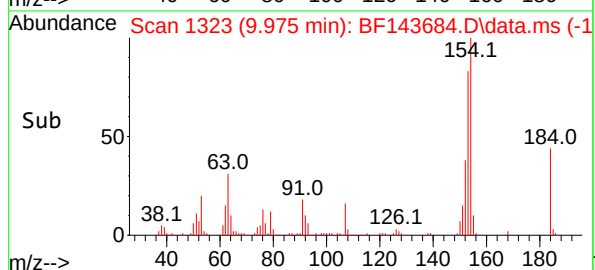
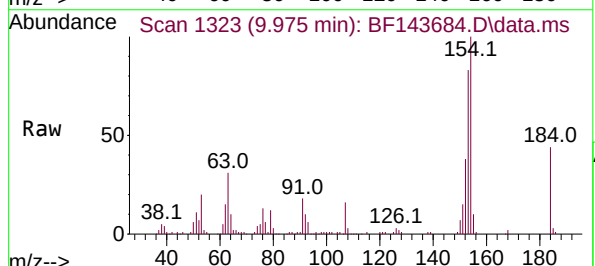
Manual Integrations
APPROVED

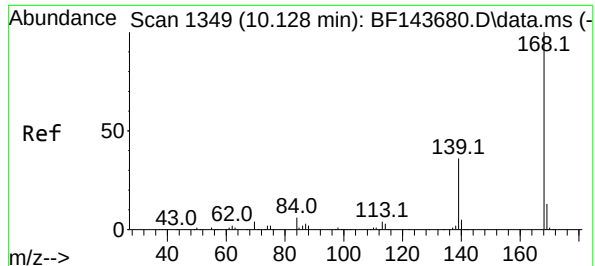
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#54
2,4-Dinitrophenol
Concen: 44.575 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:184 Resp: 38062
Ion Ratio Lower Upper
184 100
63 69.9 52.7 79.1
154 227.2 136.6 204.8#





#55

Dibenzenofuran

Concen: 40.027 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion:168 Resp: 43512

Ion Ratio Lower Upper

168 100

139 35.5 29.0 43.4

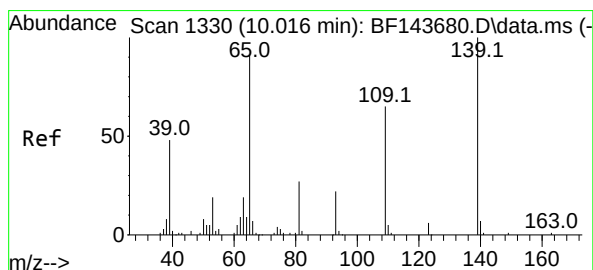
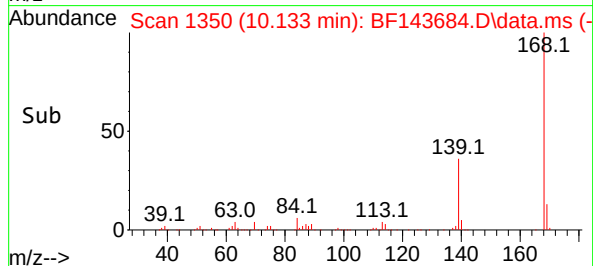
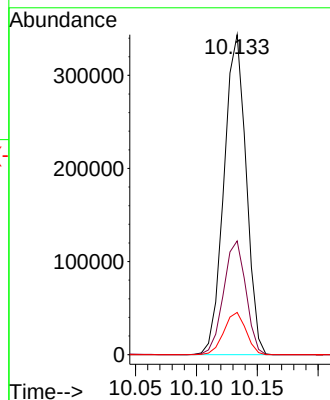
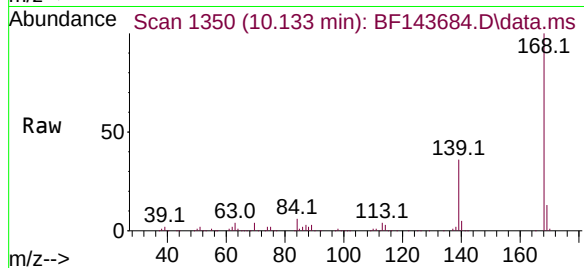
169 13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#56

4-Nitrophenol

Concen: 42.711 ng

RT: 10.022 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

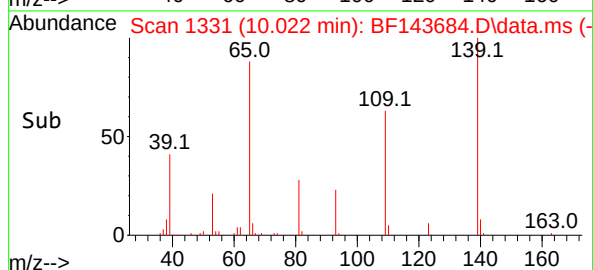
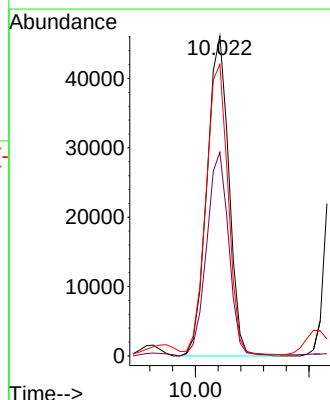
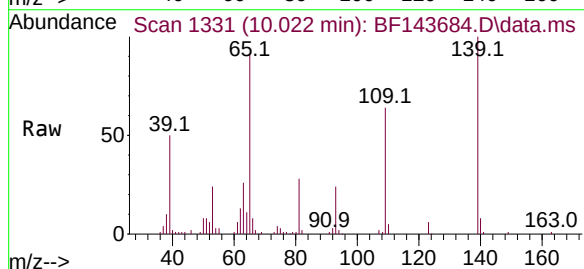
Tgt Ion:139 Resp: 61730

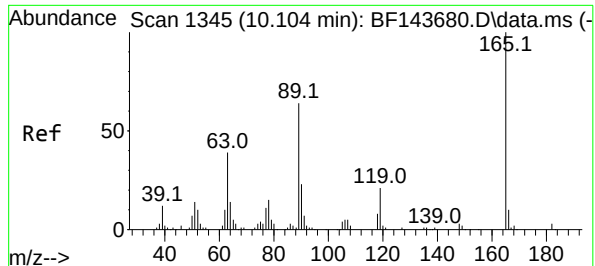
Ion Ratio Lower Upper

139 100

109 63.6 45.2 85.2

65 91.1 72.1 112.1





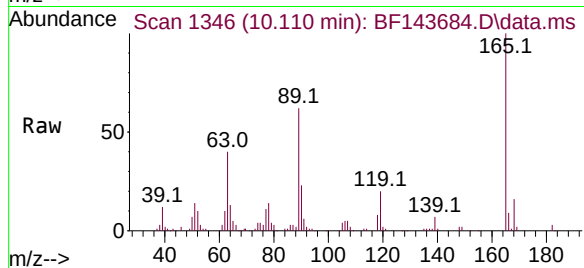
#57
2,4-Dinitrotoluene
Concen: 43.518 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

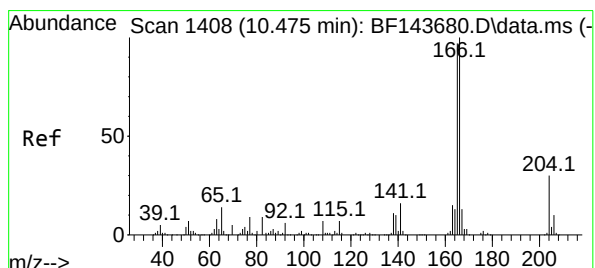
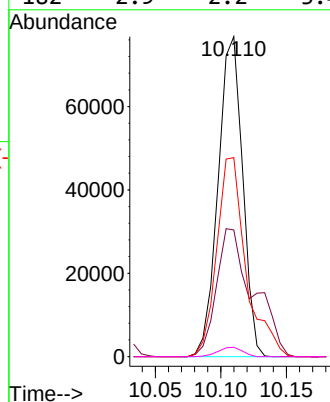
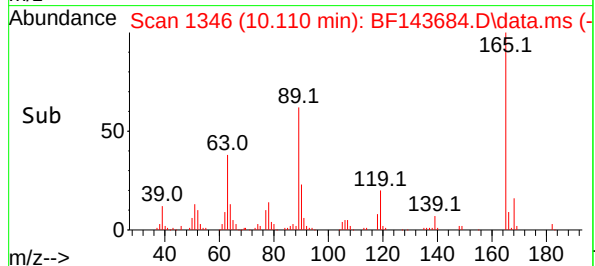


Tgt Ion:165 Resp: 99984
Ion Ratio Lower Upper
165 100
63 39.6 31.5 47.3
89 62.2 51.3 76.9
182 2.9 2.2 3.4

Manual Integrations

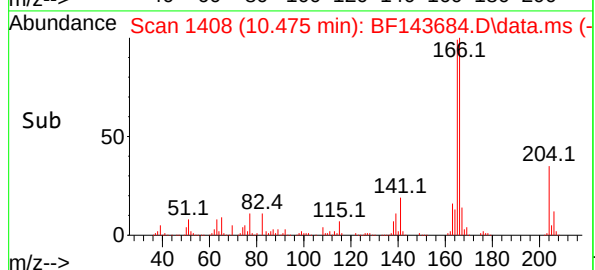
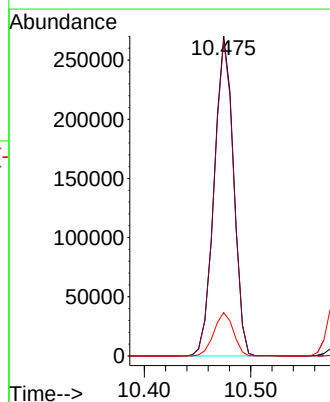
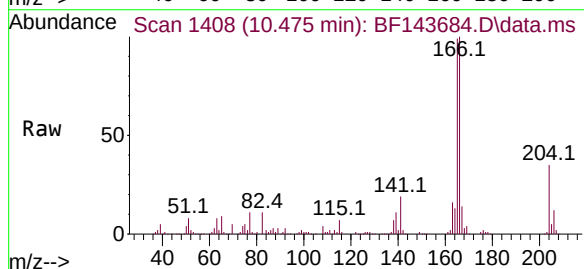
APPROVED

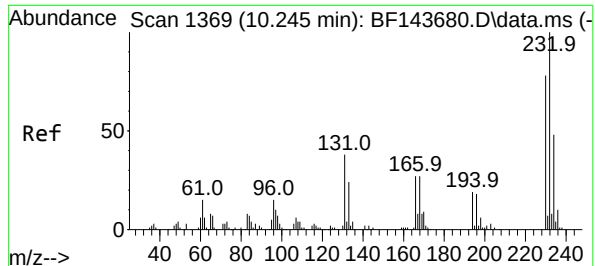
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#58
Fluorene
Concen: 40.207 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:166 Resp: 342139
Ion Ratio Lower Upper
166 100
165 98.6 77.5 116.3
167 13.5 10.2 15.2





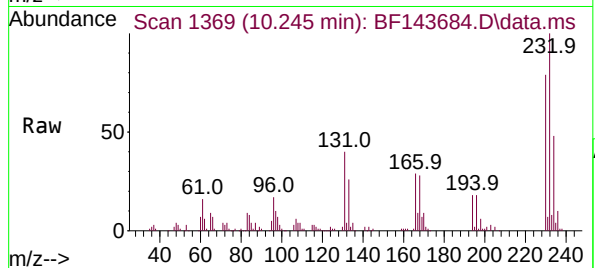
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.772 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

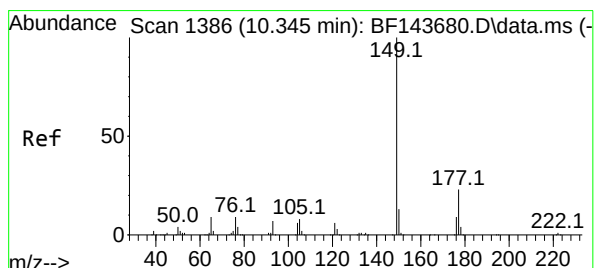
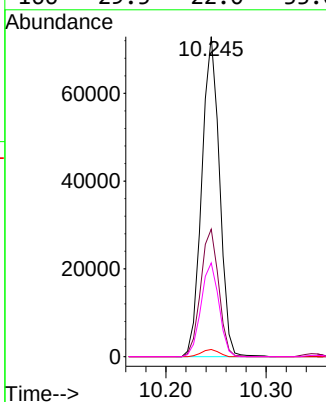
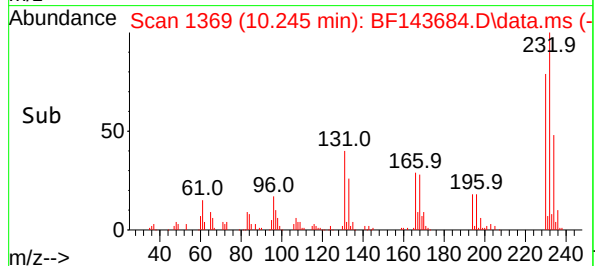


Tgt Ion:232 Resp: 89324
Ion Ratio Lower Upper
232 100
131 40.3 31.9 47.9
130 2.2 1.4 2.0
166 29.5 22.0 33.0

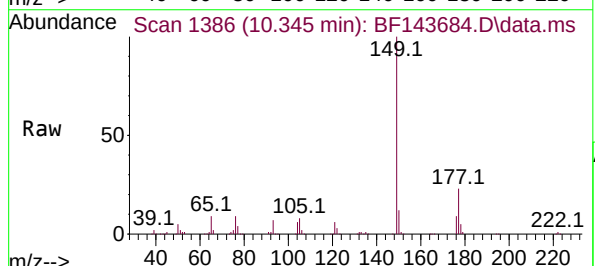
Manual Integrations

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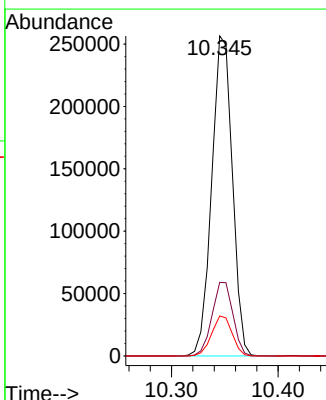
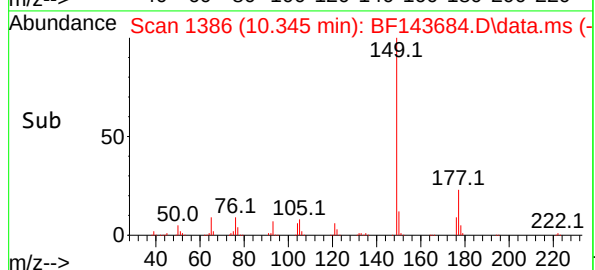
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

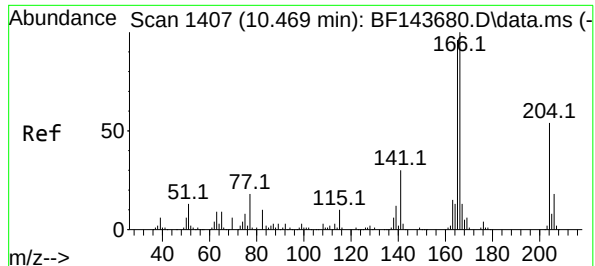


#60
Diethylphthalate
Concen: 41.741 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



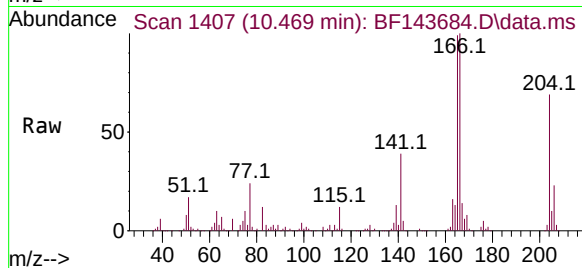
Tgt Ion:149 Resp: 345990
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.026 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

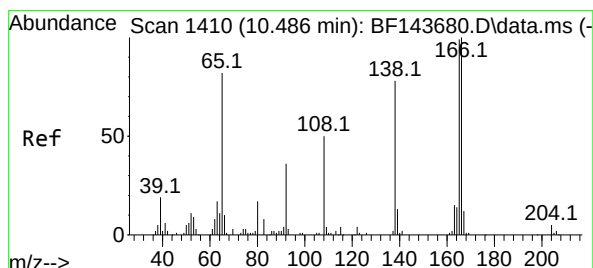
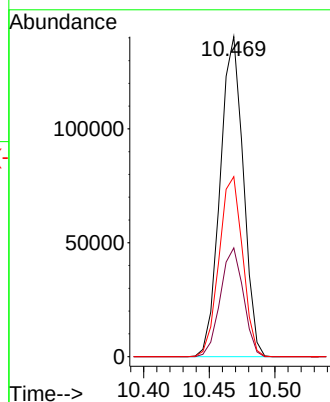
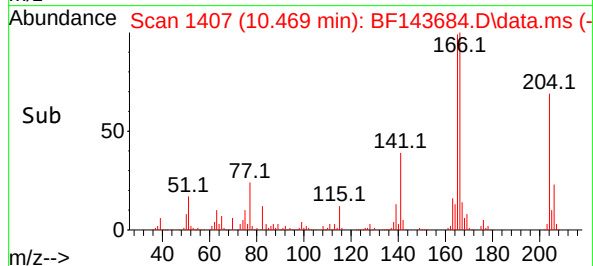
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion:204 Resp: 172739
Ion Ratio Lower Upper
204 100
206 34.0 26.0 39.0
141 56.3 44.8 67.2

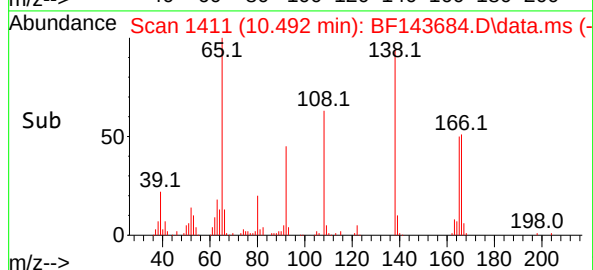
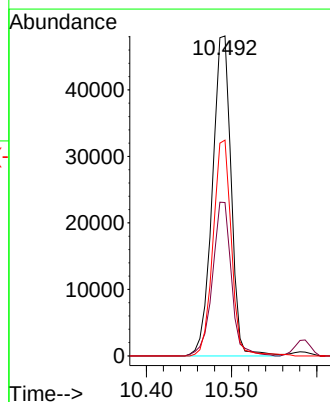
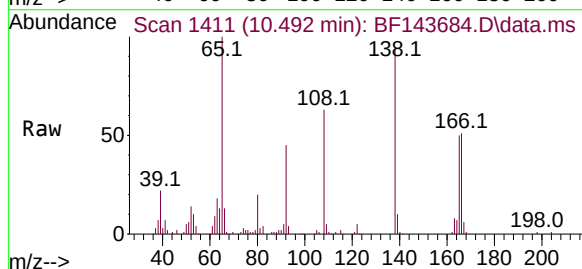
Manual Integrations
APPROVED

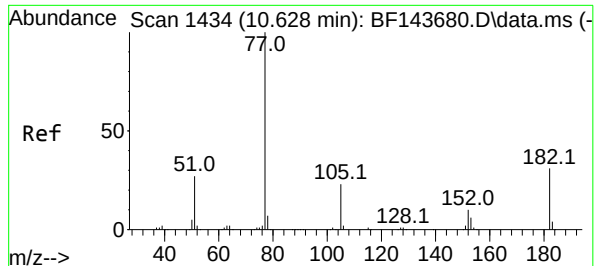
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#62
4-Nitroaniline
Concen: 42.828 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

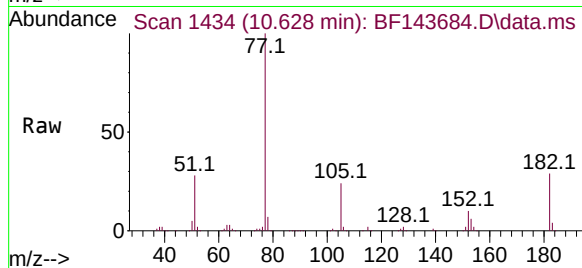
Tgt Ion:138 Resp: 73690
Ion Ratio Lower Upper
138 100
92 47.9 26.4 66.4
108 67.4 44.3 84.3





#63
Azobenzene
Concen: 40.703 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

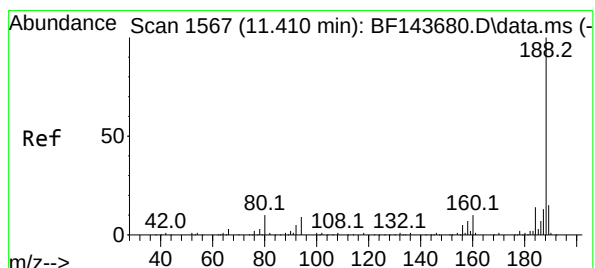
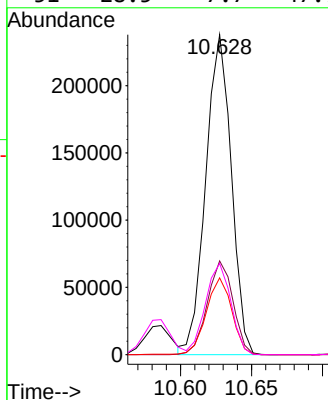
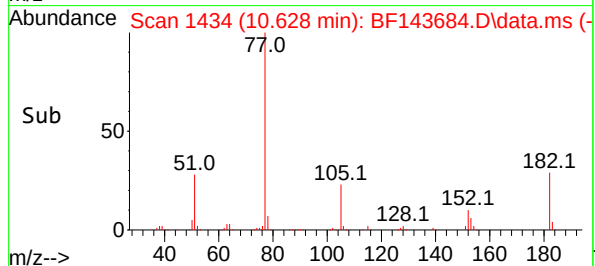
Instrument :
BNA_F
Client Sample Id :
ICVBF091025



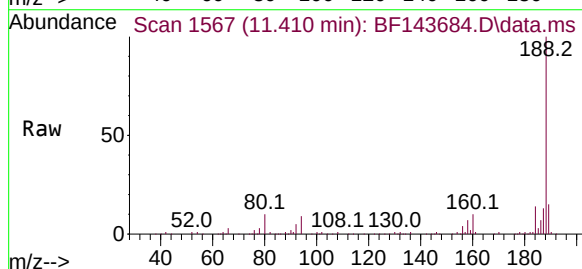
Tgt Ion: 77 Resp: 298272
Ion Ratio Lower Upper
77 100
182 29.3 10.8 50.8
105 24.0 3.2 43.2
51 28.5 7.7 47.7

Manual Integrations
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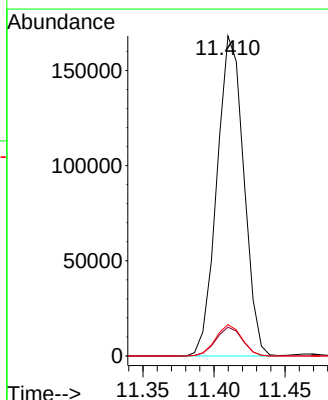
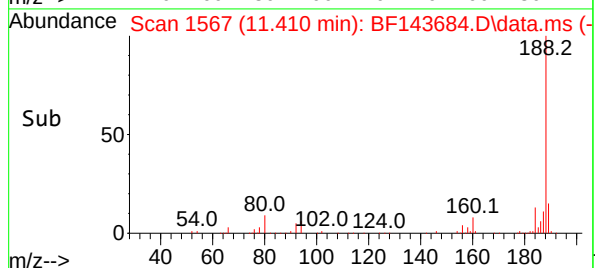
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

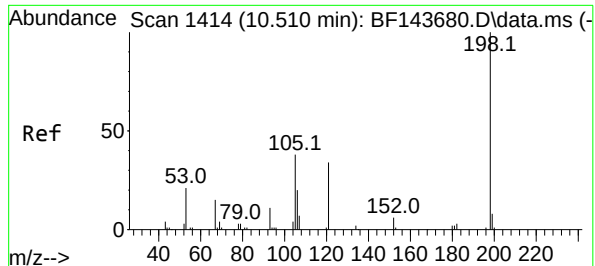


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:188 Resp: 221042
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.8 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 45.613 ng

RT: 10.516 min Scan# 1414

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion:198 Resp: 51333

Ion Ratio Lower Upper

198 100

51 40.7 21.2 61.2

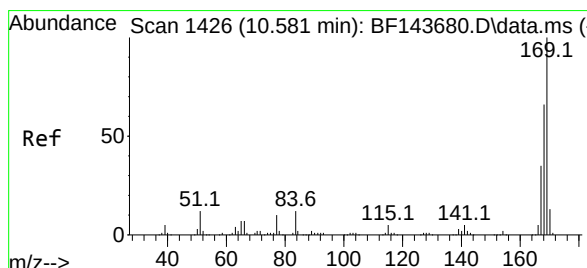
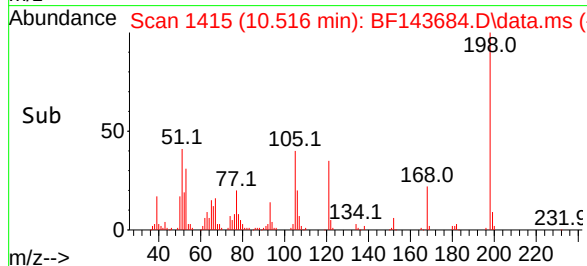
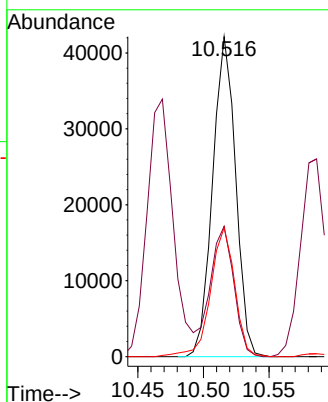
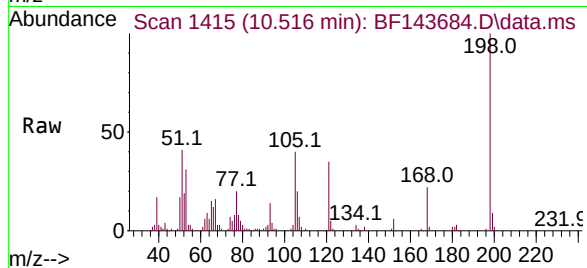
105 40.3 19.0 59.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#66

n-Nitrosodiphenylamine

Concen: 39.954 ng

RT: 10.586 min Scan# 1427

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

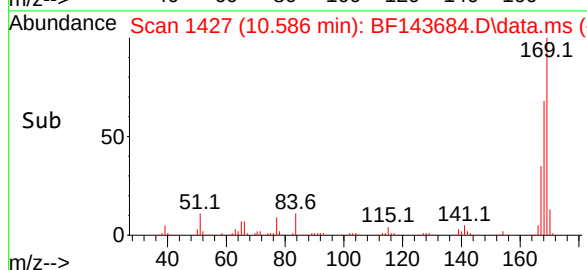
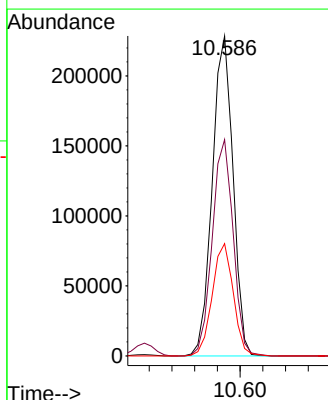
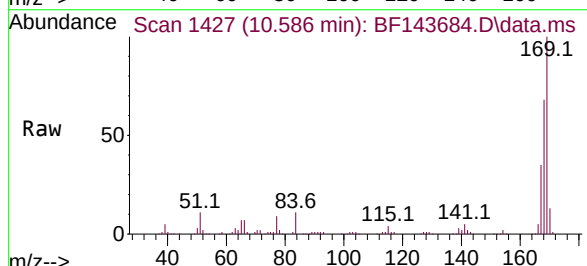
Tgt Ion:169 Resp: 289318

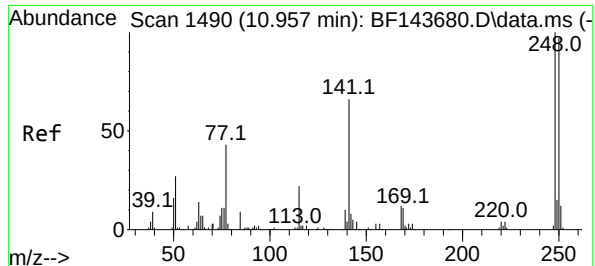
Ion Ratio Lower Upper

169 100

168 67.6 53.0 79.6

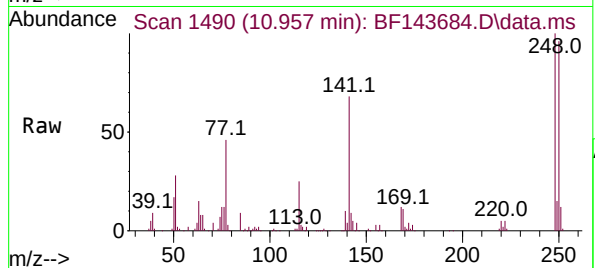
167 35.1 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 41.055 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

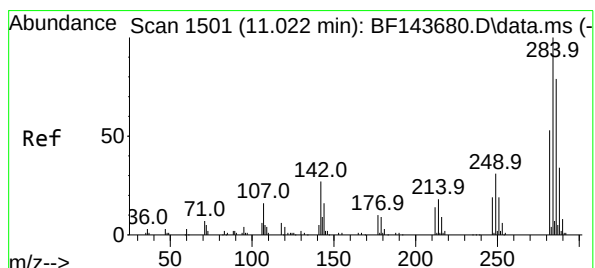
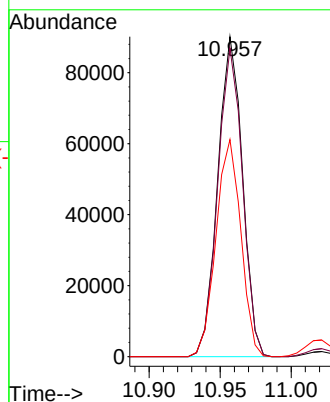
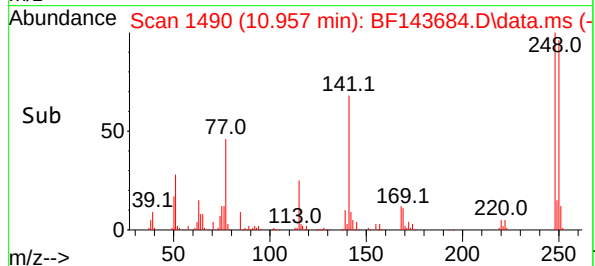
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



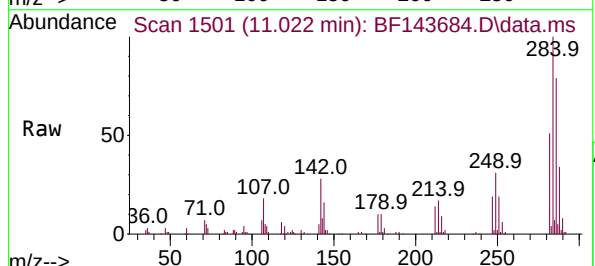
Tgt Ion:248 Resp: 109435
Ion Ratio Lower Upper
248 100
250 96.4 77.5 116.3
141 67.8 52.6 79.0

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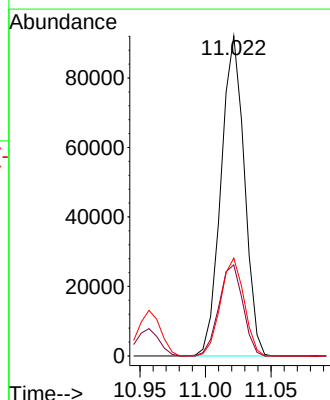
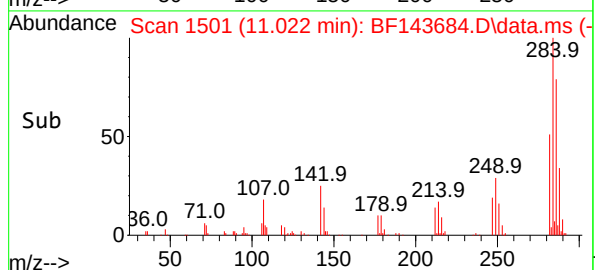
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

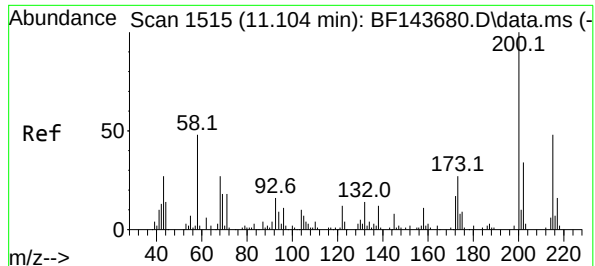


#68
Hexachlorobenzene
Concen: 40.514 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:284 Resp: 114029
Ion Ratio Lower Upper
284 100
142 28.4 21.3 31.9
249 30.6 25.0 37.4





#69

Atrazine

Concen: 42.253 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

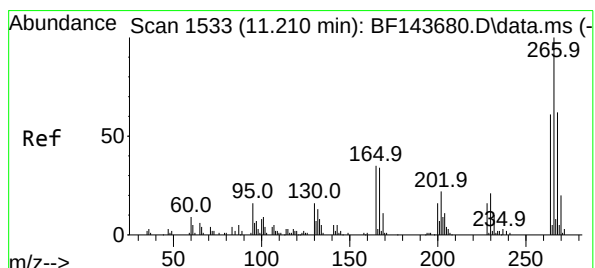
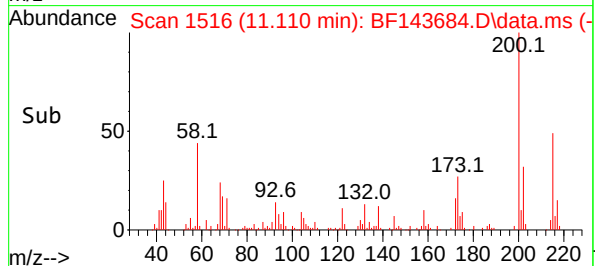
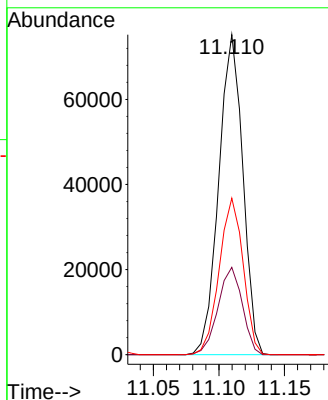
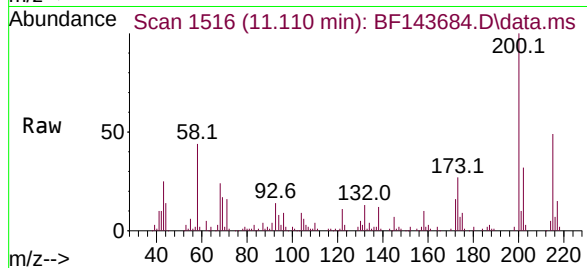
ICVBF091025

Tgt Ion:200 Resp: 95935
Ion Ratio Lower Upper
200 100
173 27.3 7.3 47.3
215 48.9 28.5 68.5

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Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#70

Pentachlorophenol

Concen: 42.152 ng

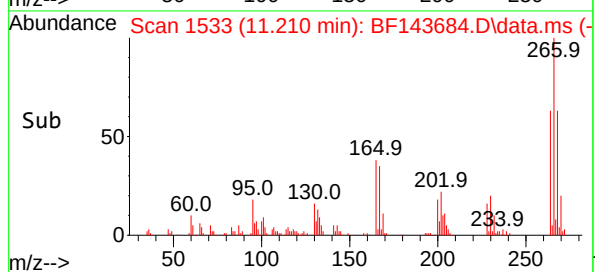
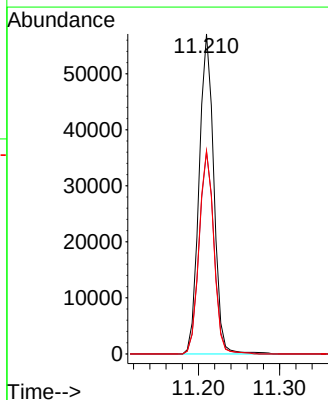
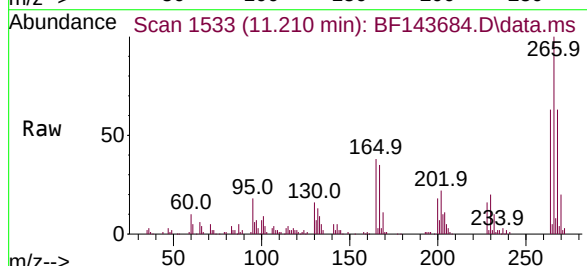
RT: 11.210 min Scan# 1533

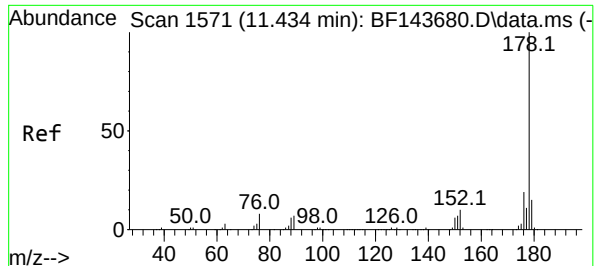
Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Tgt Ion:266 Resp: 71718
Ion Ratio Lower Upper
266 100
268 63.2 49.2 73.8
264 63.5 48.6 73.0





#71

Phenanthrene

Concen: 39.953 ng

RT: 11.439 min Scan# 1571

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

Tgt Ion:178 Resp: 486594

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

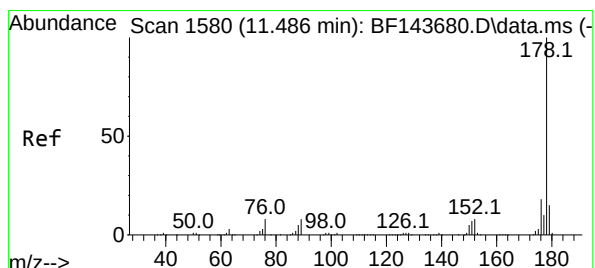
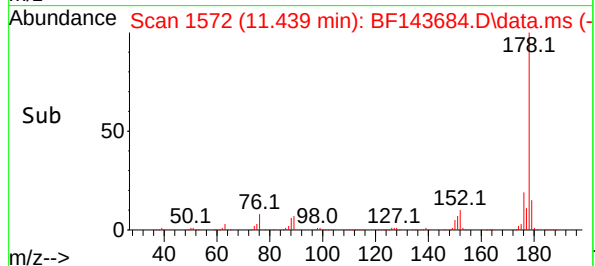
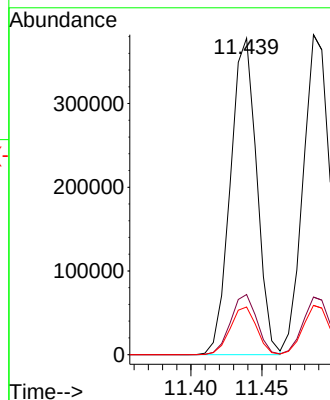
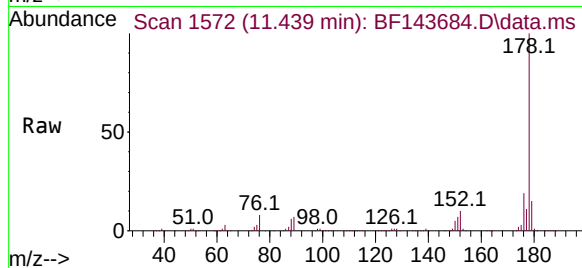
179 15.0 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#72

Anthracene

Concen: 40.318 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

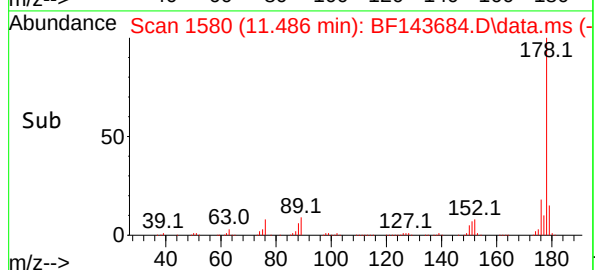
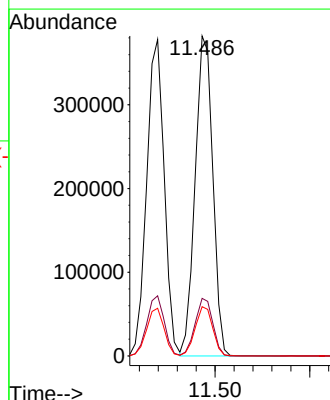
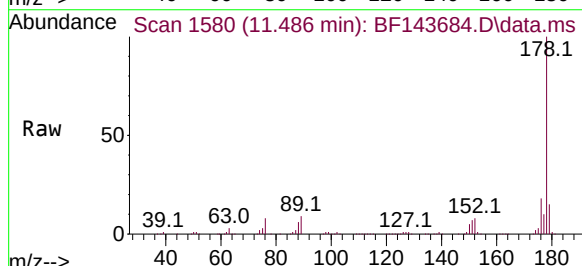
Tgt Ion:178 Resp: 493746

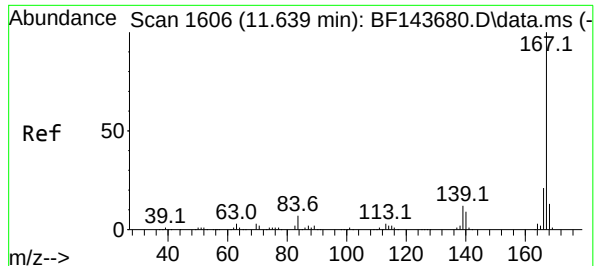
Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

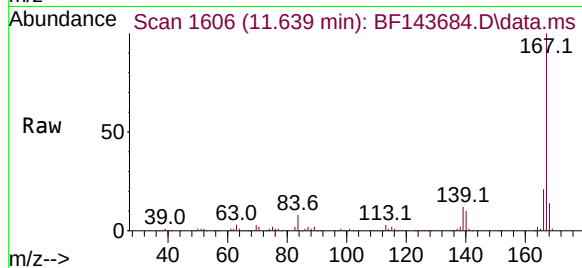
179 15.4 12.2 18.2





#73
Carbazole
Concen: 40.733 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

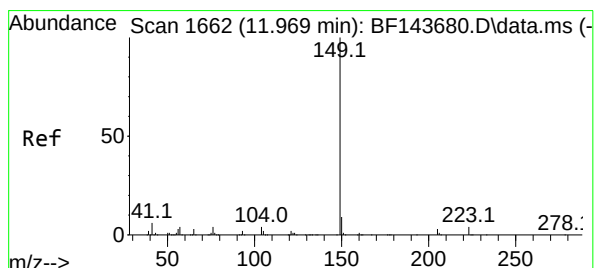
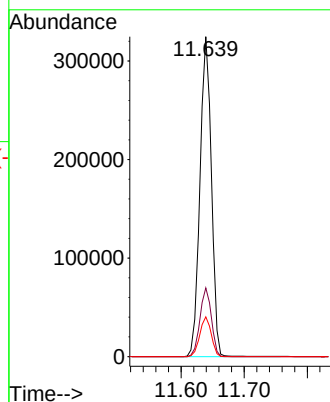
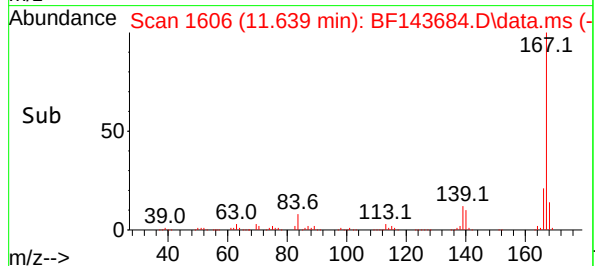
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



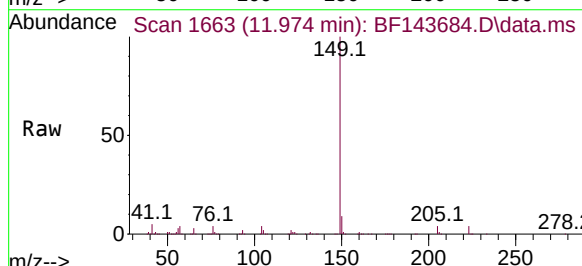
Tgt Ion:167 Resp: 408521
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.4
139 12.4 9.7 14.5

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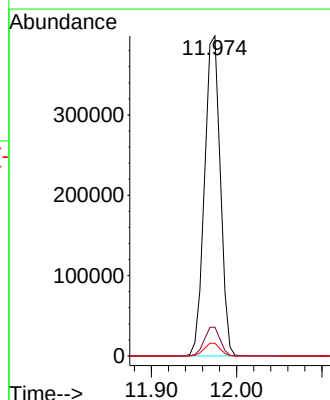
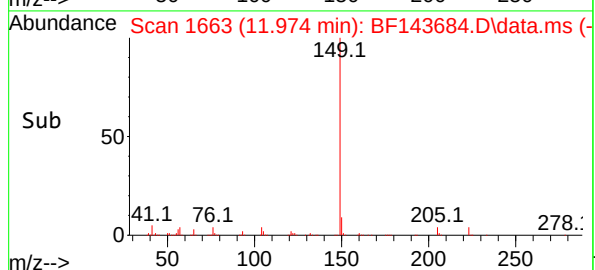
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

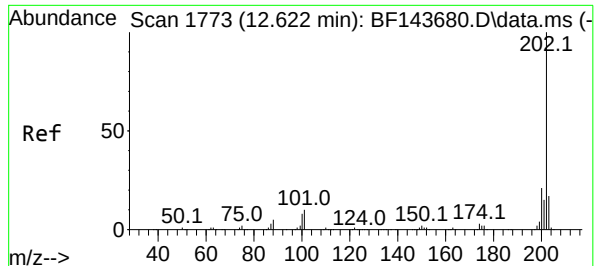


#74
Di-n-butylphthalate
Concen: 42.390 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



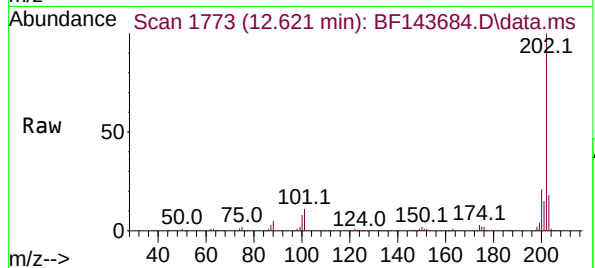
Tgt Ion:149 Resp: 511838
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 3.9 3.3 4.9





#75
Fluoranthene
Concen: 39.624 ng
RT: 12.621 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

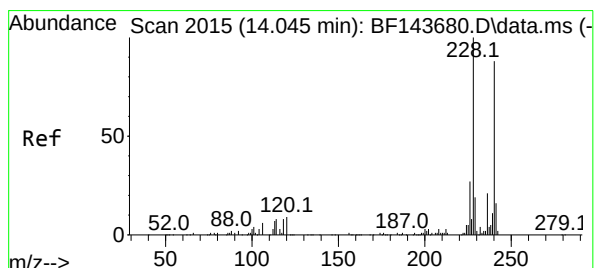
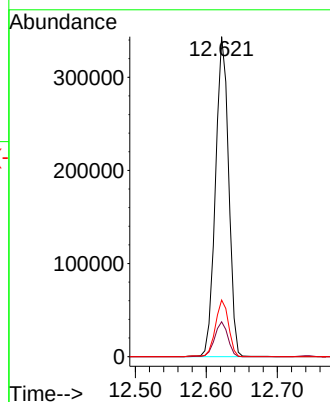
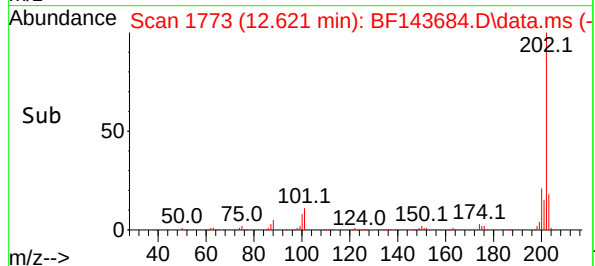
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion:202 Resp: 443018
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.5
203 17.7 0.0 37.1

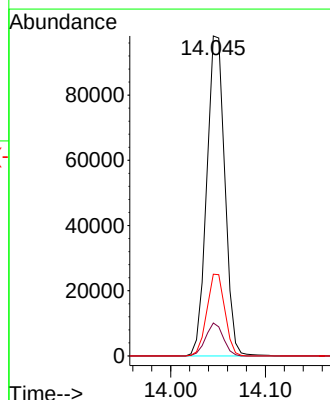
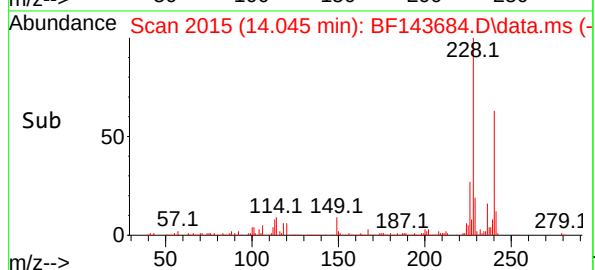
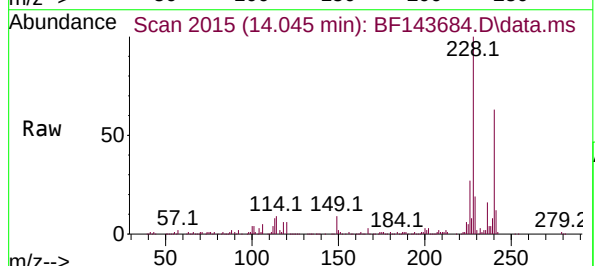
Manual Integrations
APPROVED

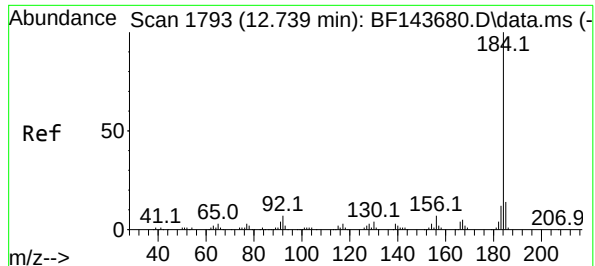
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

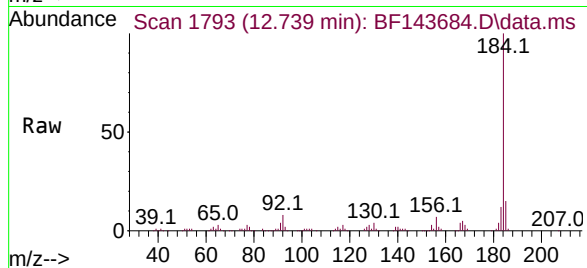
Tgt Ion:240 Resp: 130232
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.5 18.6 28.0





#77
Benzidine
Concen: 38.581 ng
RT: 12.739 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

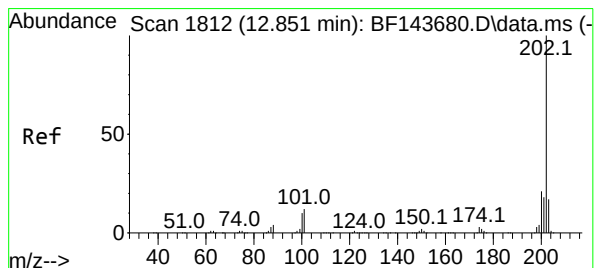
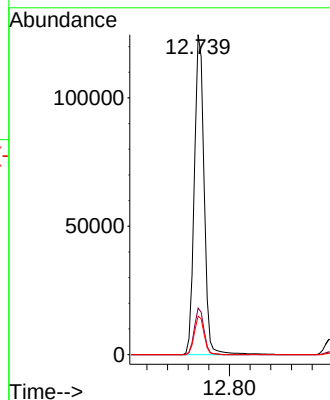
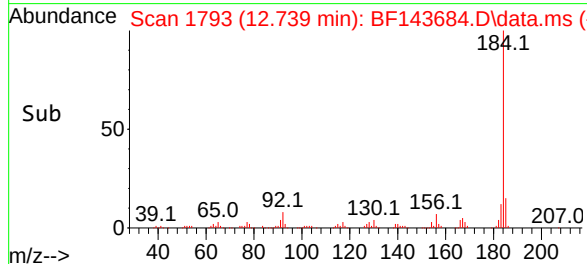
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion:184 Resp: 16384
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 12.0 9.4 14.2

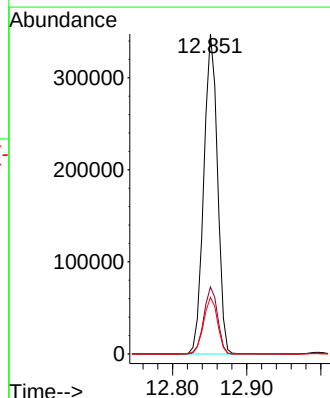
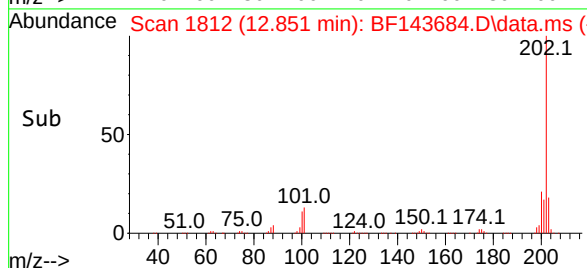
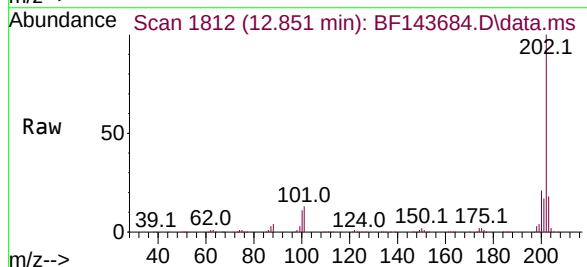
Manual Integrations
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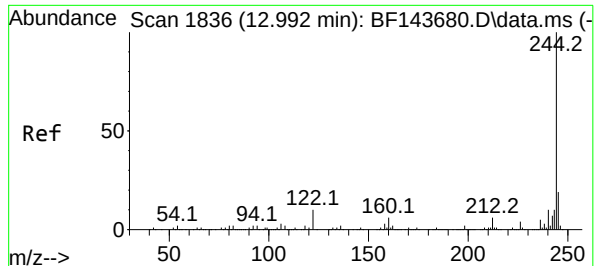
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#78
Pyrene
Concen: 42.831 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Tgt Ion:202 Resp: 445986
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.7 13.5 20.3





#79

Terphenyl-d14

Concen: 84.903 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF143684.D

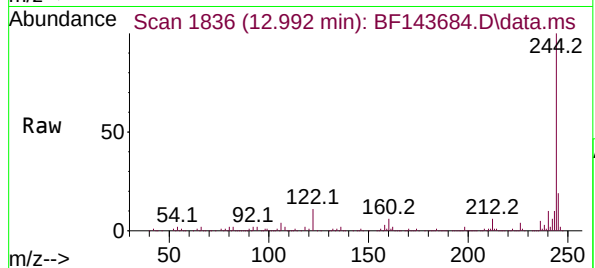
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



Tgt Ion:244 Resp: 682319

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.6

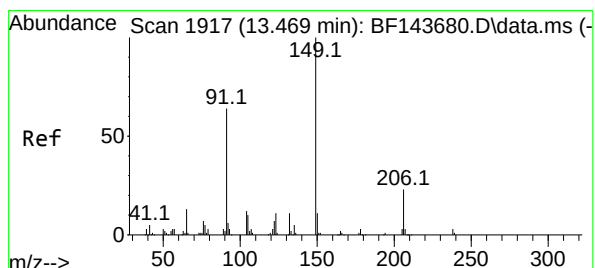
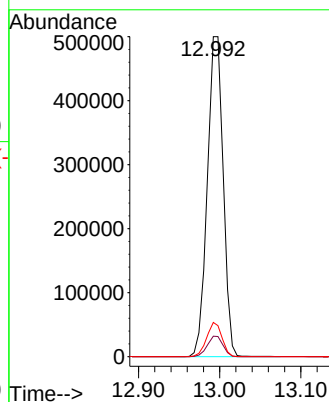
122 10.7 7.9 11.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#80

Butylbenzylphthalate

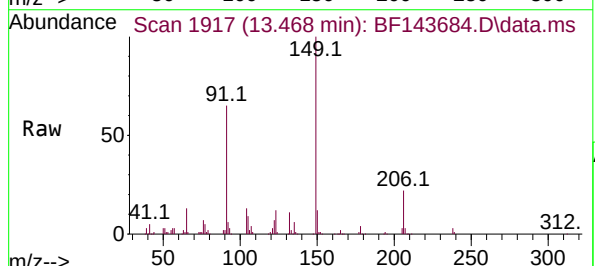
Concen: 45.475 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03



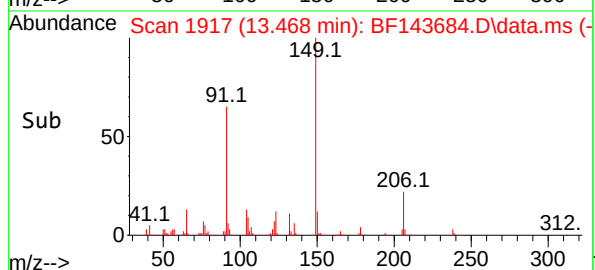
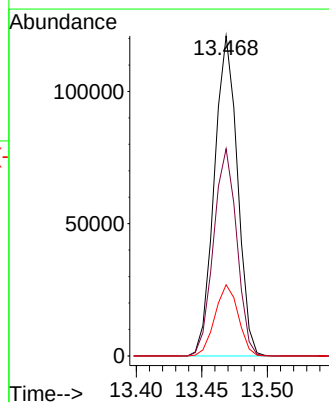
Tgt Ion:149 Resp: 148362

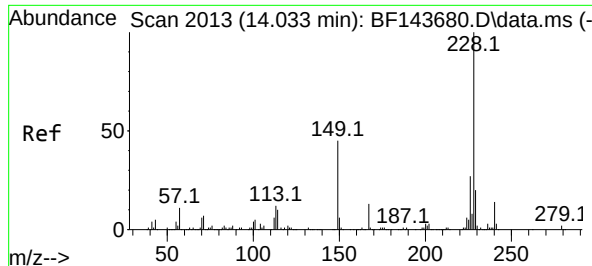
Ion Ratio Lower Upper

149 100

91 64.7 50.9 76.3

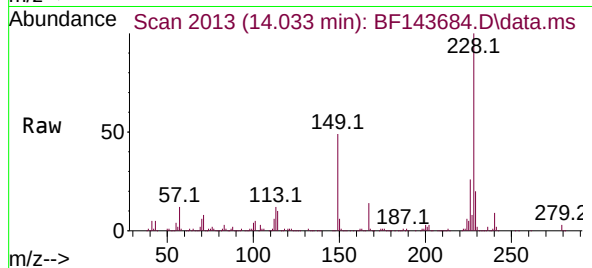
206 22.2 18.2 27.2





#81
Benzo(a)anthracene
Concen: 42.144 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

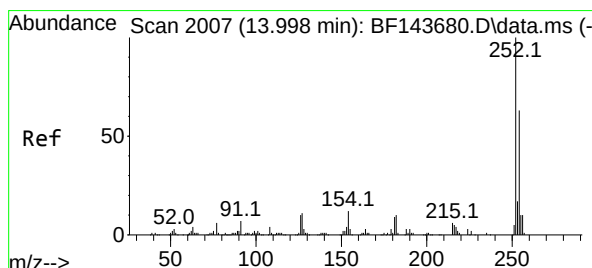
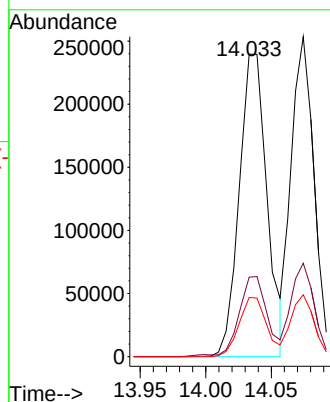
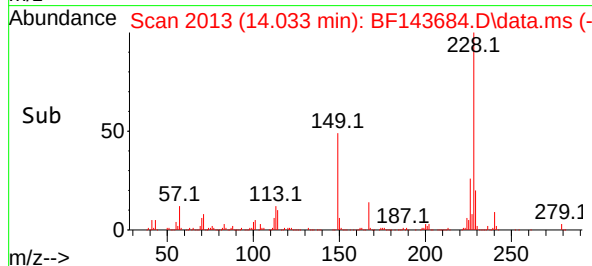
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



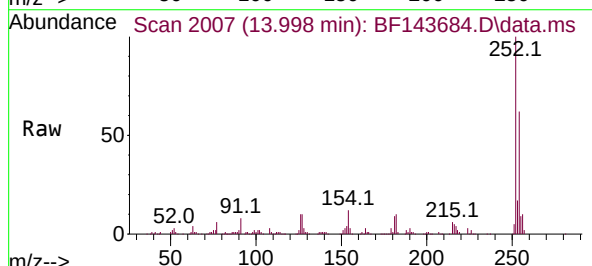
Tgt Ion:228 Resp: 353094
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 19.5 15.7 23.5

Manual Integrations
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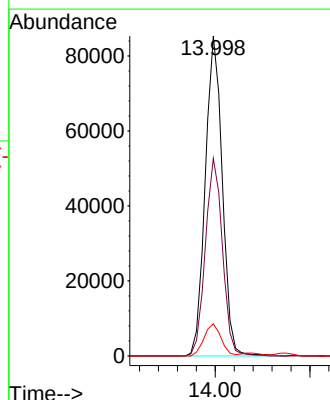
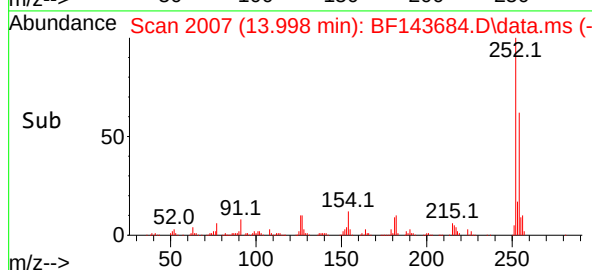
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

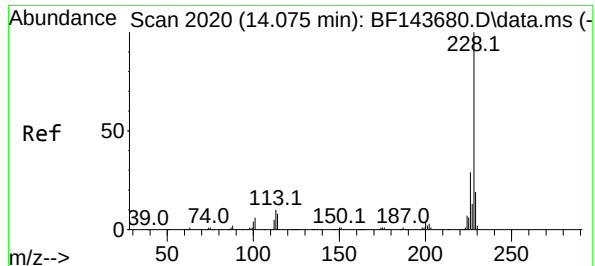


#82
3,3'-Dichlorobenzidine
Concen: 41.406 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



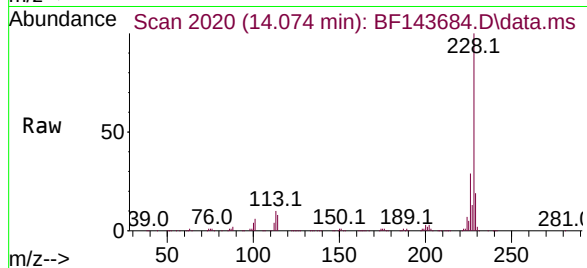
Tgt Ion:252 Resp: 106725
Ion Ratio Lower Upper
252 100
254 61.7 50.5 75.7
126 10.0 8.2 12.4





#83
Chrysene
Concen: 40.060 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

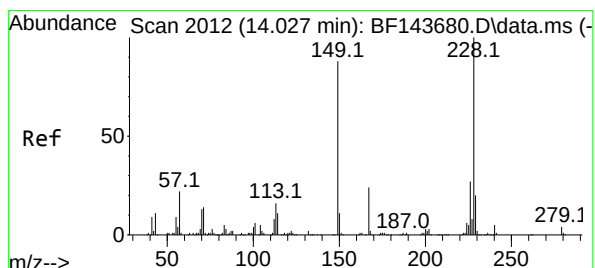
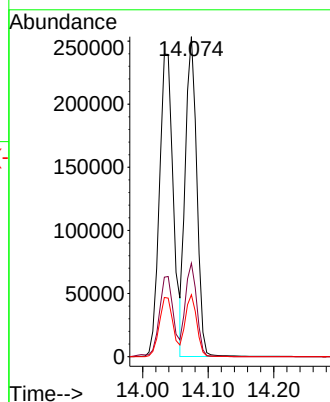
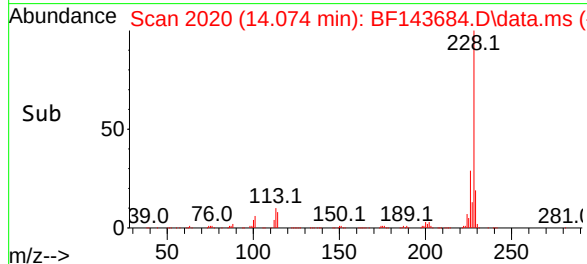
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



Tgt Ion:228 Resp: 307401
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 19.3 15.1 22.7

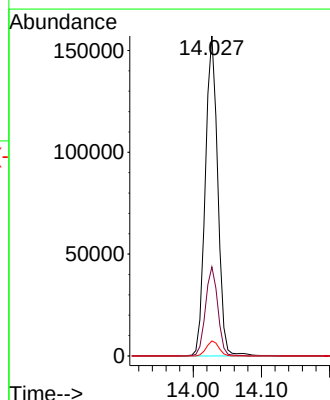
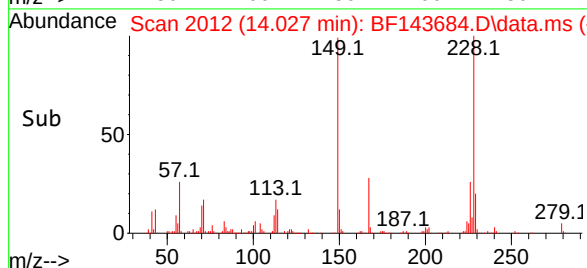
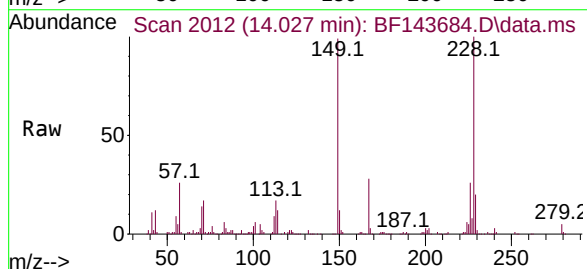
Manual Integrations
APPROVED

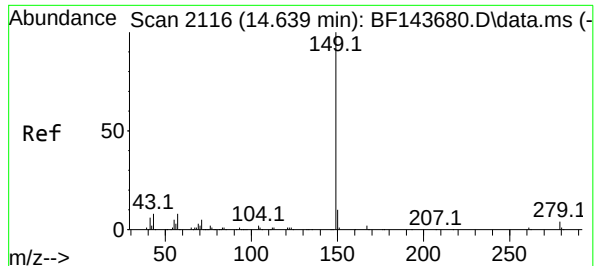
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.777 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

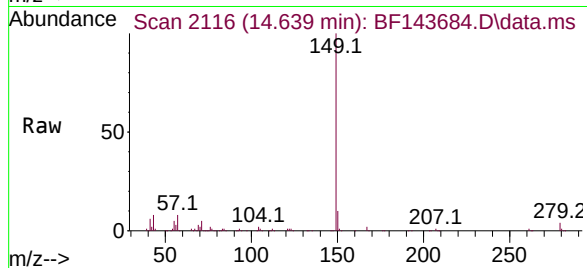
Tgt Ion:149 Resp: 199124
Ion Ratio Lower Upper
149 100
167 27.8 22.2 33.2
279 4.7 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 39.614 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

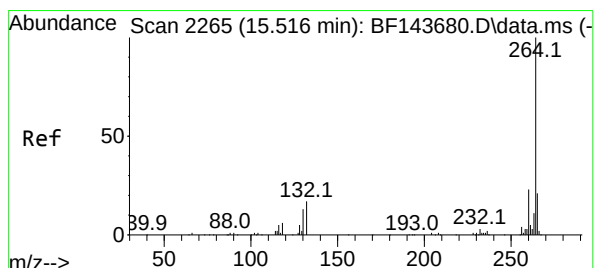
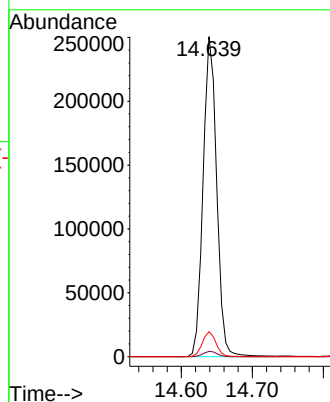
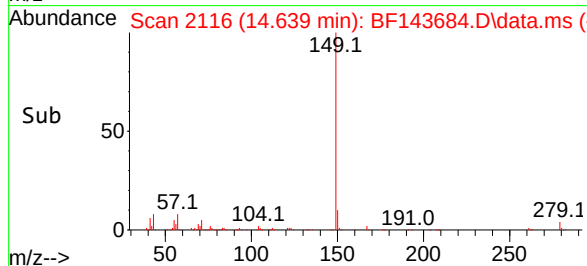
Instrument :
BNA_F
ClientSampleId :
ICVBF091025



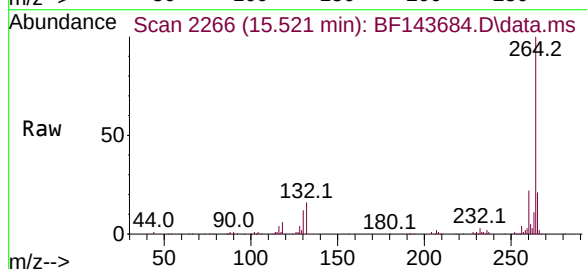
Tgt Ion:149 Resp: 33044
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.8 6.2 9.2

Manual Integrations
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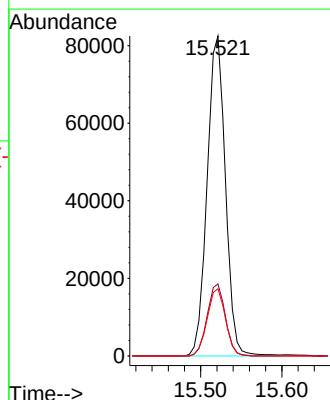
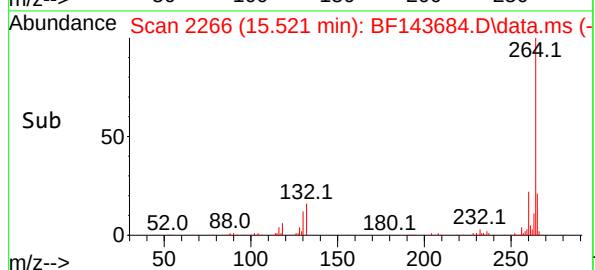
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

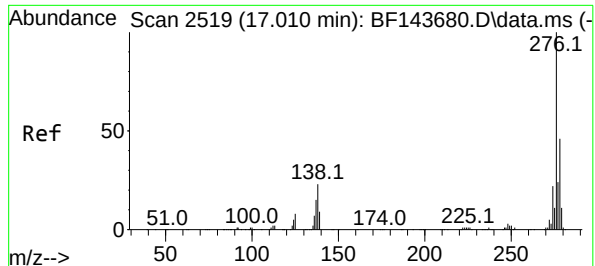


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:264 Resp: 129310
Ion Ratio Lower Upper
264 100
260 22.5 18.4 27.6
265 21.0 17.1 25.7





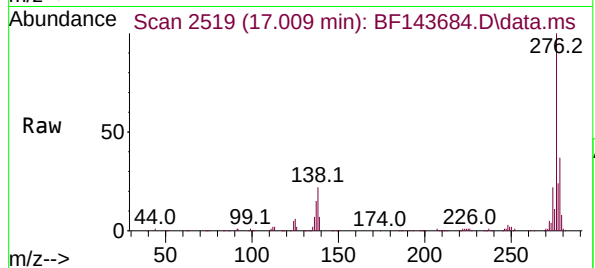
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.694 ng
RT: 17.009 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025

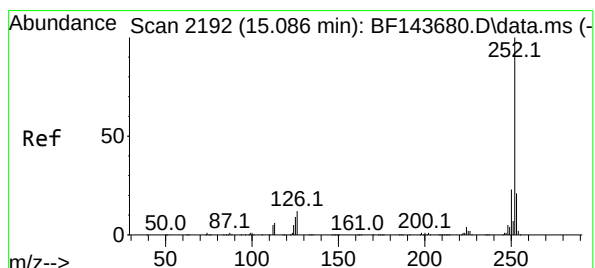
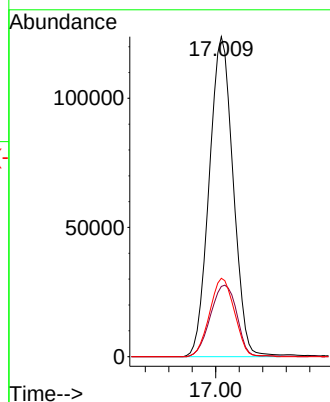
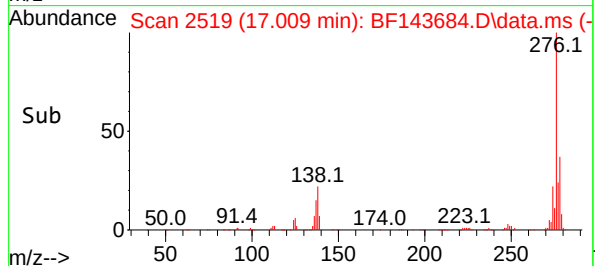


Tgt Ion:276 Resp: 350300
Ion Ratio Lower Upper
276 100
138 24.6 19.7 29.5
277 25.5 20.2 30.2

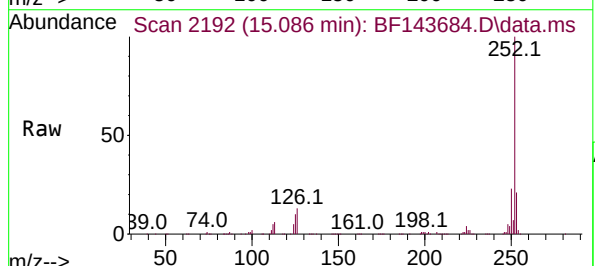
Manual Integrations

APPROVED

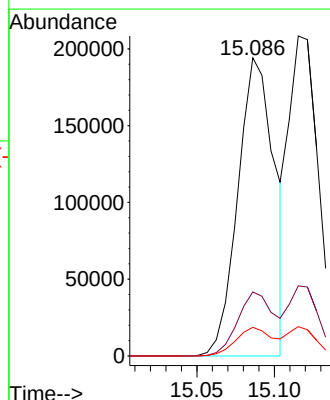
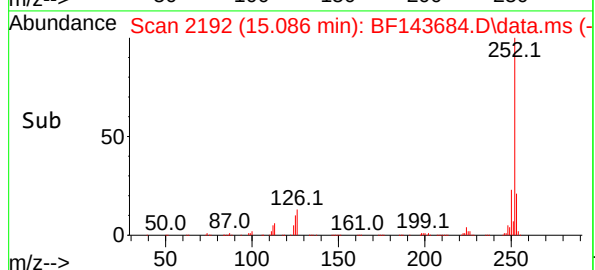
Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

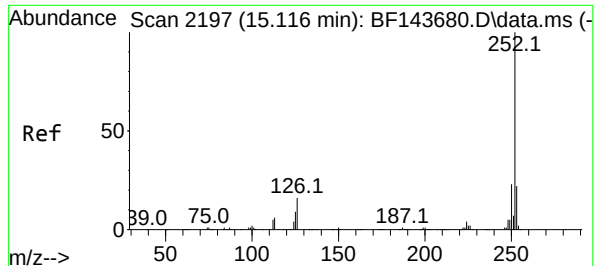


#88
Benzo(b)fluoranthene
Concen: 41.467 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BF143684.D
Acq: 09 Sep 2025 15:03



Tgt Ion:252 Resp: 319200
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 40.107 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF143684.D

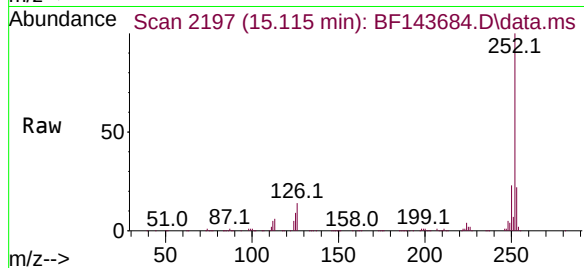
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



Tgt Ion:252 Resp: 278625

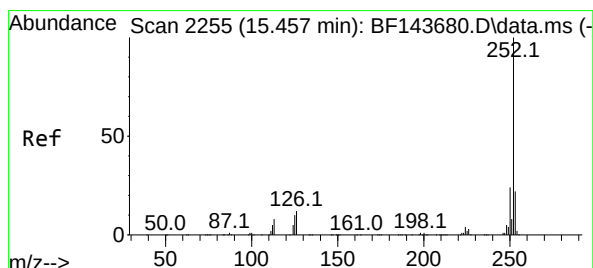
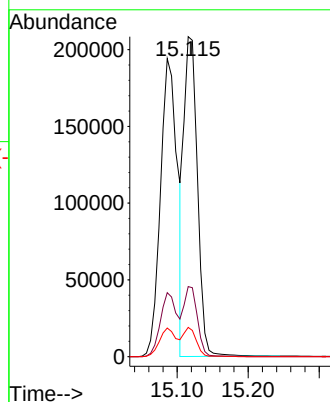
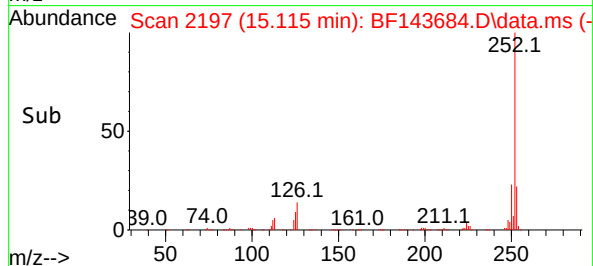
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	9.1	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#90

Benzo(a)pyrene

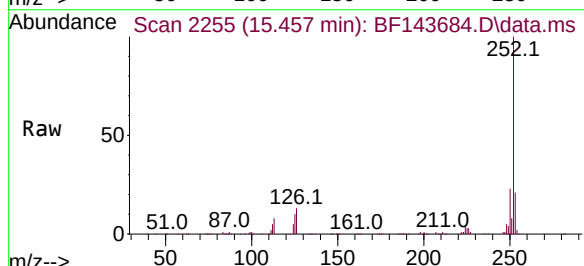
Concen: 41.333 ng

RT: 15.457 min Scan# 2255

Delta R.T. -0.000 min

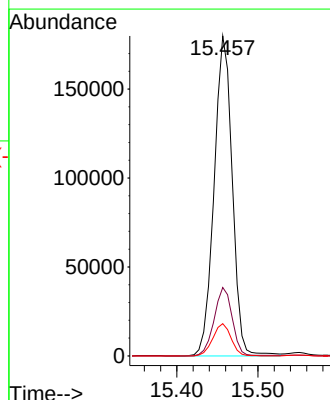
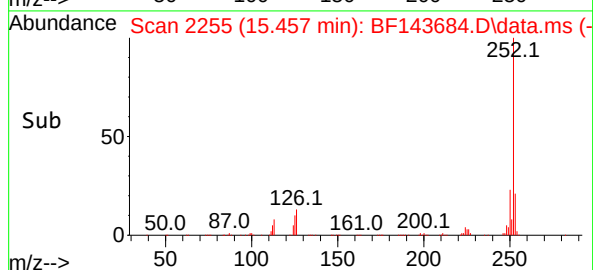
Lab File: BF143684.D

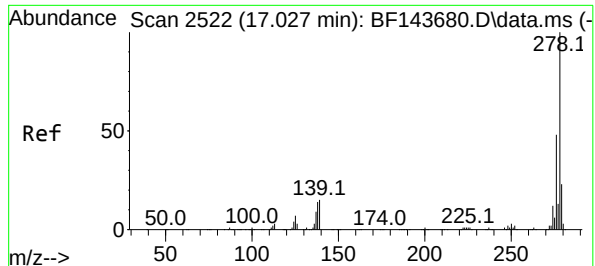
Acq: 09 Sep 2025 15:03



Tgt Ion:252 Resp: 279518

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	10.1	8.2	12.4





#91

Dibenzo(a,h)anthracene

Concen: 40.249 ng

RT: 17.033 min Scan# 2522

Delta R.T. 0.006 min

Lab File: BF143684.D

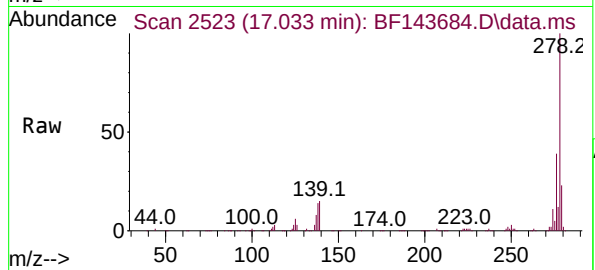
Acq: 09 Sep 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF091025



Tgt Ion:278 Resp: 294700

Ion Ratio Lower Upper

278 100

139 14.6 12.2 18.4

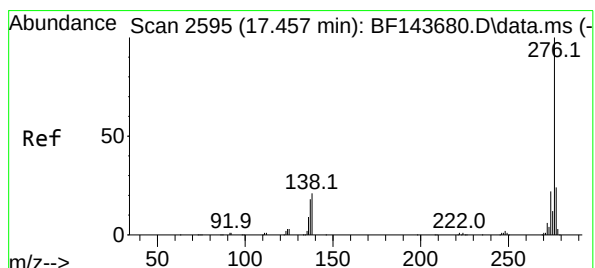
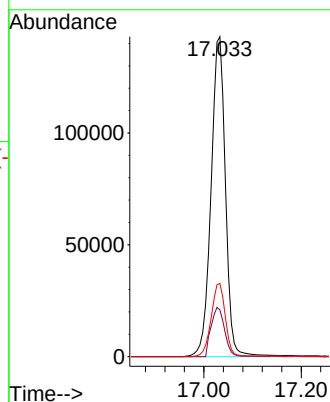
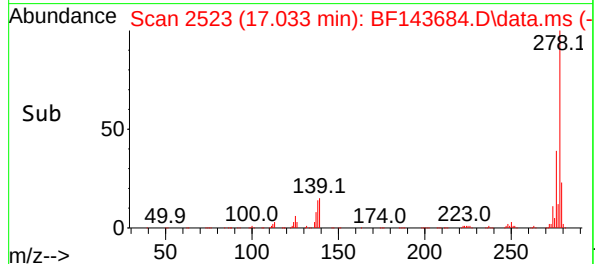
279 22.9 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/10/2025

Supervised By :Jagrut Upadhyay 09/10/2025



#92

Benzo(g,h,i)perylene

Concen: 39.645 ng

RT: 17.462 min Scan# 2596

Delta R.T. 0.006 min

Lab File: BF143684.D

Acq: 09 Sep 2025 15:03

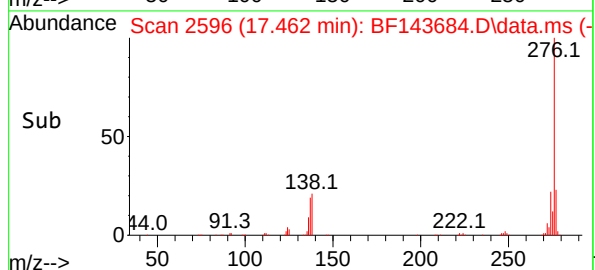
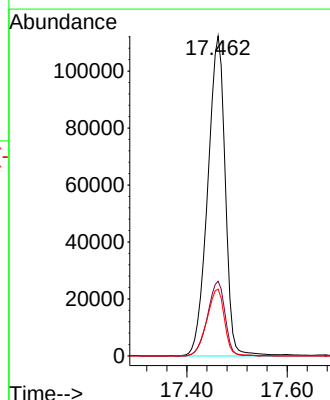
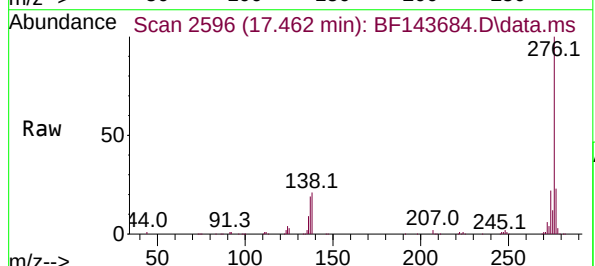
Tgt Ion:276 Resp: 271515

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 20.9 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143684.D
 Acq On : 09 Sep 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091025

Quant Time: Sep 09 16:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 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	131	0.00
2	1,4-Dioxane	40.000	39.663	0.8	126	0.02
3	Pyridine	40.000	40.650	-1.6	128	0.02
4	n-Nitrosodimethylamine	40.000	40.625	-1.6	130	0.02
5 S	2-Fluorophenol	80.000	81.184	-1.5	127	0.00
6	Aniline	40.000	40.946	-2.4	131	0.00
7 S	Phenol-d6	80.000	81.374	-1.7	129	0.00
8	2-Chlorophenol	40.000	41.054	-2.6	130	0.00
9	Benzaldehyde	40.000	42.346	-5.9	129	0.00
10 C	Phenol	40.000	40.476	-1.2	123	0.00
11	bis(2-Chloroethyl)ether	40.000	40.679	-1.7	130	0.00
12	1,3-Dichlorobenzene	40.000	40.920	-2.3	129	0.00
13 C	1,4-Dichlorobenzene	40.000	40.501	-1.3	129	0.00
14	1,2-Dichlorobenzene	40.000	40.375	-0.9	129	0.00
15	Benzyl Alcohol	40.000	41.621	-4.1	132	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.676	-1.7	128	0.00
17	2-Methylphenol	40.000	42.123	-5.3	135	0.00
18	Hexachloroethane	40.000	41.827	-4.6	131	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.037	-2.6	132	0.00
20	3+4-Methylphenols	40.000	41.342	-3.4	129	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	130	0.00
22	Acetophenone	40.000	39.924	0.2	130	0.00
23 S	Nitrobenzene-d5	80.000	83.786	-4.7	133	0.00
24	Nitrobenzene	40.000	40.293	-0.7	128	0.00
25	Isophorone	40.000	40.730	-1.8	131	0.00
26 C	2-Nitrophenol	40.000	44.246	-10.6	139	0.00
27	2,4-Dimethylphenol	40.000	40.089	-0.2	130	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.004	-0.0	129	0.00
29 C	2,4-Dichlorophenol	40.000	41.236	-3.1	130	0.00
30	1,2,4-Trichlorobenzene	40.000	39.992	0.0	128	0.00
31	Naphthalene	40.000	39.822	0.4	128	0.00
32	Benzoic acid	40.000	44.017	-10.0	143	0.01
33	4-Chloroaniline	40.000	40.656	-1.6	131	0.00
34 C	Hexachlorobutadiene	40.000	40.915	-2.3	131	0.00
35	Caprolactam	40.000	42.120	-5.3	136	0.01
36 C	4-Chloro-3-methylphenol	40.000	41.254	-3.1	128	0.00
37	2-Methylnaphthalene	40.000	39.380	1.5	128	0.00
38	1-Methylnaphthalene	40.000	39.839	0.4	129	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	130	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.693	-1.7	131	0.00
41 P	Hexachlorocyclopentadiene	40.000	42.165	-5.4	131	0.00
42 S	2,4,6-Tribromophenol	80.000	85.251	-6.6	134	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.574	-3.9	129	0.00
44	2,4,5-Trichlorophenol	40.000	41.502	-3.8	130	0.00
45 S	2-Fluorobiphenyl	80.000	79.141	1.1	128	0.00
46	1,1'-Biphenyl	40.000	40.536	-1.3	128	0.00
47	2-Chloronaphthalene	40.000	40.278	-0.7	128	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143684.D
 Acq On : 09 Sep 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091025

Quant Time: Sep 09 16:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 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	44.177	-10.4	138	0.00
49	Acenaphthylene	40.000	40.630	-1.6	130	0.00
50	Dimethylphthalate	40.000	40.828	-2.1	131	0.00
51	2,6-Dinitrotoluene	40.000	46.201	-15.5	143	0.00
52 C	Acenaphthene	40.000	40.653	-1.6	130	0.00
53	3-Nitroaniline	40.000	44.326	-10.8	138	0.00
54 P	2,4-Dinitrophenol	40.000	44.575	-11.4	150	0.00
55	Dibenzofuran	40.000	40.027	-0.1	129	0.00
56 P	4-Nitrophenol	40.000	42.711	-6.8	133	0.00
57	2,4-Dinitrotoluene	40.000	43.518	-8.8	135	0.00
58	Fluorene	40.000	40.207	-0.5	128	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.772	-4.4	131	0.00
60	Diethylphthalate	40.000	41.741	-4.4	133	0.00
61	4-Chlorophenyl-phenylether	40.000	40.026	-0.1	128	0.00
62	4-Nitroaniline	40.000	42.828	-7.1	134	0.00
63	Azobenzene	40.000	40.703	-1.8	130	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	134	0.00
65	4,6-Dinitro-2-methylphenol	40.000	45.613	-14.0	146	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.954	0.1	129	0.00
67	4-Bromophenyl-phenylether	40.000	41.055	-2.6	130	0.00
68	Hexachlorobenzene	40.000	40.514	-1.3	132	0.00
69	Atrazine	40.000	42.253	-5.6	141	0.00
70 C	Pentachlorophenol	40.000	42.152	-5.4	132	0.00
71	Phenanthrene	40.000	39.953	0.1	132	0.00
72	Anthracene	40.000	40.318	-0.8	132	0.00
73	Carbazole	40.000	40.733	-1.8	134	0.00
74	Di-n-butylphthalate	40.000	42.390	-6.0	139	0.00
75 C	Fluoranthene	40.000	39.624	0.9	133	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	120	0.00
77	Benzydine	40.000	38.581	3.5	115	0.00
78	Pyrene	40.000	42.831	-7.1	134	0.00
79 S	Terphenyl-d14	80.000	84.903	-6.1	134	0.00
80	Butylbenzylphthalate	40.000	45.475	-13.7	132	0.00
81	Benzo(a)anthracene	40.000	42.144	-5.4	130	0.00
82	3,3'-Dichlorobenzidine	40.000	41.406	-3.5	121	0.00
83	Chrysene	40.000	40.060	-0.2	119	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	42.777	-6.9	121	0.00
85 c	Di-n-octyl phthalate	40.000	39.614	1.0	114	0.00
86 I	Perylene-d12	20.000	20.000	0.0	114	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.694	0.8	107	0.00
88	Benzo(b)fluoranthene	40.000	41.467	-3.7	122	0.00
89	Benzo(k)fluoranthene	40.000	40.107	-0.3	105	0.00
90 C	Benzo(a)pyrene	40.000	41.333	-3.3	113	0.00
91	Dibenzo(a,h)anthracene	40.000	40.249	-0.6	109	0.00
92	Benzo(g,h,i)perylene	40.000	39.645	0.9	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Quant Time: Sep 09 16:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143684.D
 Acq On : 09 Sep 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091025

Quant Time: Sep 09 16:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 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	131	0.00
2	1,4-Dioxane	0.523	0.519	0.8	126	0.02
3	Pyridine	1.351	1.373	-1.6	128	0.02
4	n-Nitrosodimethylamine	0.513	0.521	-1.6	130	0.02
5 S	2-Fluorophenol	1.172	1.190	-1.5	127	0.00
6	Aniline	1.890	1.935	-2.4	131	0.00
7 S	Phenol-d6	1.427	1.452	-1.8	129	0.00
8	2-Chlorophenol	1.266	1.299	-2.6	130	0.00
9	Benzaldehyde	1.152	1.219	-5.8	129	0.00
10 C	Phenol	1.578	1.597	-1.2	123	0.00
11	bis(2-Chloroethyl)ether	1.178	1.198	-1.7	130	0.00
12	1,3-Dichlorobenzene	1.448	1.481	-2.3	129	0.00
13 C	1,4-Dichlorobenzene	1.461	1.480	-1.3	129	0.00
14	1,2-Dichlorobenzene	1.380	1.393	-0.9	129	0.00
15	Benzyl Alcohol	1.038	1.080	-4.0	132	0.00
16	2,2'-oxybis(1-Chloropropane	1.542	1.568	-1.7	128	0.00
17	2-Methylphenol	1.018	1.073	-5.4	135	0.00
18	Hexachloroethane	0.472	0.494	-4.7	131	0.00
19 P	n-Nitroso-di-n-propylamine	0.877	0.899	-2.5	132	0.00
20	3+4-Methylphenols	1.341	1.386	-3.4	129	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	130	0.00
22	Acetophenone	0.452	0.451	0.2	130	0.00
23 S	Nitrobenzene-d5	0.322	0.337	-4.7	133	0.00
24	Nitrobenzene	0.333	0.336	-0.9	128	0.00
25	Isophorone	0.617	0.628	-1.8	131	0.00
26 C	2-Nitrophenol	0.164	0.181	-10.4	139	0.00
27	2,4-Dimethylphenol	0.294	0.295	-0.3	130	0.00
28	bis(2-Chloroethoxy)methane	0.379	0.379	0.0	129	0.00
29 C	2,4-Dichlorophenol	0.296	0.305	-3.0	130	0.00
30	1,2,4-Trichlorobenzene	0.307	0.307	0.0	128	0.00
31	Naphthalene	0.990	0.986	0.4	128	0.00
32	Benzoic acid	0.180	0.198	-10.0	143	0.01
33	4-Chloroaniline	0.345	0.350	-1.4	131	0.00
34 C	Hexachlorobutadiene	0.200	0.205	-2.5	131	0.00
35	Caprolactam	0.079	0.083	-5.1	136	0.01
36 C	4-Chloro-3-methylphenol	0.292	0.301	-3.1	128	0.00
37	2-Methylnaphthalene	0.678	0.667	1.6	128	0.00
38	1-Methylnaphthalene	0.650	0.648	0.3	129	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	130	0.00
40	1,2,4,5-Tetrachlorobenzene	0.573	0.582	-1.6	131	0.00
41 P	Hexachlorocyclopentadiene	0.294	0.310	-5.4	131	0.00
42 S	2,4,6-Tribromophenol	0.202	0.215	-6.4	134	0.00
43 C	2,4,6-Trichlorophenol	0.382	0.397	-3.9	129	0.00
44	2,4,5-Trichlorophenol	0.389	0.403	-3.6	130	0.00
45 S	2-Fluorobiphenyl	1.324	1.310	1.1	128	0.00
46	1,1'-Biphenyl	1.440	1.459	-1.3	128	0.00
47	2-Chloronaphthalene	1.129	1.137	-0.7	128	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143684.D
 Acq On : 09 Sep 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091025

Quant Time: Sep 09 16:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 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	0.299	0.330	-10.4	138	0.00
49	Acenaphthylene	1.617	1.642	-1.5	130	0.00
50	Dimethylphthalate	1.301	1.328	-2.1	131	0.00
51	2,6-Dinitrotoluene	0.249	0.287	-15.3	143	0.00
52 C	Acenaphthene	1.114	1.132	-1.6	130	0.00
53	3-Nitroaniline	0.268	0.297	-10.8	138	0.00
54 P	2,4-Dinitrophenol	0.114	0.140	-22.8	150#	0.00
55	Dibenzofuran	1.602	1.603	-0.1	129	0.00
56 P	4-Nitrophenol	0.213	0.227	-6.6	133	0.00
57	2,4-Dinitrotoluene	0.339	0.368	-8.6	135	0.00
58	Fluorene	1.254	1.261	-0.6	128	0.00
59	2,3,4,6-Tetrachlorophenol	0.315	0.329	-4.4	131	0.00
60	Diethylphthalate	1.222	1.275	-4.3	133	0.00
61	4-Chlorophenyl-phenylether	0.636	0.636	0.0	128	0.00
62	4-Nitroaniline	0.254	0.272	-7.1	134	0.00
63	Azobenzene	1.080	1.099	-1.8	130	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	134	0.00
65	4,6-Dinitro-2-methylphenol	0.102	0.116	-13.7	146	0.00
66 c	n-Nitrosodiphenylamine	0.655	0.654	0.2	129	0.00
67	4-Bromophenyl-phenylether	0.241	0.248	-2.9	130	0.00
68	Hexachlorobenzene	0.255	0.258	-1.2	132	0.00
69	Atrazine	0.205	0.217	-5.9	141	0.00
70 C	Pentachlorophenol	0.154	0.162	-5.2	132	0.00
71	Phenanthrene	1.102	1.101	0.1	132	0.00
72	Anthracene	1.108	1.117	-0.8	132	0.00
73	Carbazole	0.907	0.924	-1.9	134	0.00
74	Di-n-butylphthalate	1.093	1.158	-5.9	139	0.00
75 C	Fluoranthene	1.012	1.002	1.0	133	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	120	0.00
77	Benzydine	0.652	0.629	3.5	115	0.00
78	Pyrene	1.599	1.712	-7.1	134	0.00
79 S	Terphenyl-d14	1.234	1.310	-6.2	134	0.00
80	Butylbenzylphthalate	0.501	0.570	-13.8	132	0.00
81	Benzo(a)anthracene	1.287	1.356	-5.4	130	0.00
82	3,3'-Dichlorobenzidine	0.396	0.410	-3.5	121	0.00
83	Chrysene	1.178	1.180	-0.2	119	0.00
84	Bis(2-ethylhexyl)phthalate	0.715	0.764	-6.9	121	0.00
85 c	Di-n-octyl phthalate	1.281	1.269	0.9	114	0.00
86 I	Perylene-d12	1.000	1.000	0.0	114	0.00
87	Indeno(1,2,3-cd)pyrene	1.365	1.355	0.7	107	0.00
88	Benzo(b)fluoranthene	1.191	1.234	-3.6	122	0.00
89	Benzo(k)fluoranthene	1.074	1.077	-0.3	105	0.00
90 C	Benzo(a)pyrene	1.046	1.081	-3.3	113	0.00
91	Dibenzo(a,h)anthracene	1.132	1.140	-0.7	109	0.00
92	Benzo(g,h,i)perylene	1.059	1.050	0.8	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143684.D
Acq On : 09 Sep 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091025

Quant Time: Sep 09 16:05:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ZUCC01
 Lab Code: ACE SDG No.: Q3032
 Instrument ID: BNA_F Calibration Date/Time: 09/11/2025 12:31
 Lab File ID: BF143701.D Init. Calib. Date(s): 09/09/2025 09/09/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:12 13:54
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.351	1.404		3.9	
2-Fluorophenol	1.172	1.219		4.0	
Phenol-d6	1.427	1.446		1.3	
1,4-Dichlorobenzene	1.461	1.483		1.5	20.0
2-Methylphenol	1.018	1.053		3.4	
3+4-Methylphenols	1.341	1.403		4.6	
Nitrobenzene-d5	0.322	0.330		2.5	
Hexachloroethane	0.472	0.489		3.6	
Nitrobenzene	0.333	0.337		1.2	
Hexachlorobutadiene	0.200	0.206		3.0	20.0
2,4,6-Trichlorophenol	0.382	0.387		1.3	20.0
2-Fluorobiphenyl	1.324	1.322		-0.2	
2,4,5-Trichlorophenol	0.389	0.398		2.3	
2,4-Dinitrotoluene	0.339	0.351		3.5	
2,4,6-Tribromophenol	0.202	0.208		3.0	
Hexachlorobenzene	0.255	0.261		2.4	
Pentachlorophenol	0.154	0.159		3.2	20.0
Terphenyl-d14	1.234	1.258		1.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143701.D
 Acq On : 11 Sep 2025 12:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 11 12:54:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	44409	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	171787	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	99519	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	157461	20.000	ng	0.01
76) Chrysene-d12	14.063	240	95771	20.000	ng	0.02
86) Perylene-d12	15.539	264	101516	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	216582	83.208	ng	0.00
7) Phenol-d6	6.510	99	256829	81.037	ng	0.00
23) Nitrobenzene-d5	7.457	82	226754	82.103	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	82701	82.460	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	526238	79.879	ng	0.00
79) Terphenyl-d14	13.010	244	481847	81.532	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	47358	40.788	ng	99
3) Pyridine	3.440	79	124658	41.563	ng	100
4) n-Nitrosodimethylamine	3.393	42	45513	39.948	ng	97
6) Aniline	6.557	93	174705	41.620	ng	98
8) 2-Chlorophenol	6.675	128	114570	40.755	ng	96
9) Benzaldehyde	6.445	77	108078	42.266	ng	99
10) Phenol	6.528	94	148297	42.330	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	105787	40.431	ng	98
12) 1,3-Dichlorobenzene	6.834	146	130755	40.669	ng	97
13) 1,4-Dichlorobenzene	6.916	146	131748	40.599	ng	99
14) 1,2-Dichlorobenzene	7.063	146	124394	40.592	ng	99
15) Benzyl Alcohol	7.034	79	93679	40.635	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	135050	39.452	ng	99
17) 2-Methylphenol	7.134	107	93519	41.354	ng	100
18) Hexachloroethane	7.410	117	43418	41.418	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	79676	40.934	ng	100
20) 3+4-Methylphenols	7.292	107	124603	41.842	ng	98
22) Acetophenone	7.304	105	157334	40.552	ng	98
24) Nitrobenzene	7.475	77	115855	40.456	ng	99
25) Isophorone	7.716	82	214050	40.418	ng	98
26) 2-Nitrophenol	7.792	139	57613	40.918	ng	99
27) 2,4-Dimethylphenol	7.822	122	103452	40.928	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	130474	40.090	ng	97
29) 2,4-Dichlorophenol	8.028	162	104977	41.287	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	107672	40.875	ng	99
31) Naphthalene	8.198	128	346393	40.733	ng	99
32) Benzoic acid	7.916	122	63633	41.264	ng	98
33) 4-Chloroaniline	8.245	127	121906	41.178	ng	99
34) Hexachlorobutadiene	8.316	225	70830	41.225	ng	99
35) Caprolactam	8.616	113	28321	41.850	ng	93
36) 4-Chloro-3-methylphenol	8.716	107	104667	41.749	ng	99
37) 2-Methylnaphthalene	8.886	142	235410	40.439	ng	100
38) 1-Methylnaphthalene	8.992	142	227603	40.741	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	115862	40.667	ng	99
41) Hexachlorocyclopentadiene	9.045	237	60767	41.544	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	76951	40.448	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143701.D
 Acq On : 11 Sep 2025 12:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 11 12:54:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

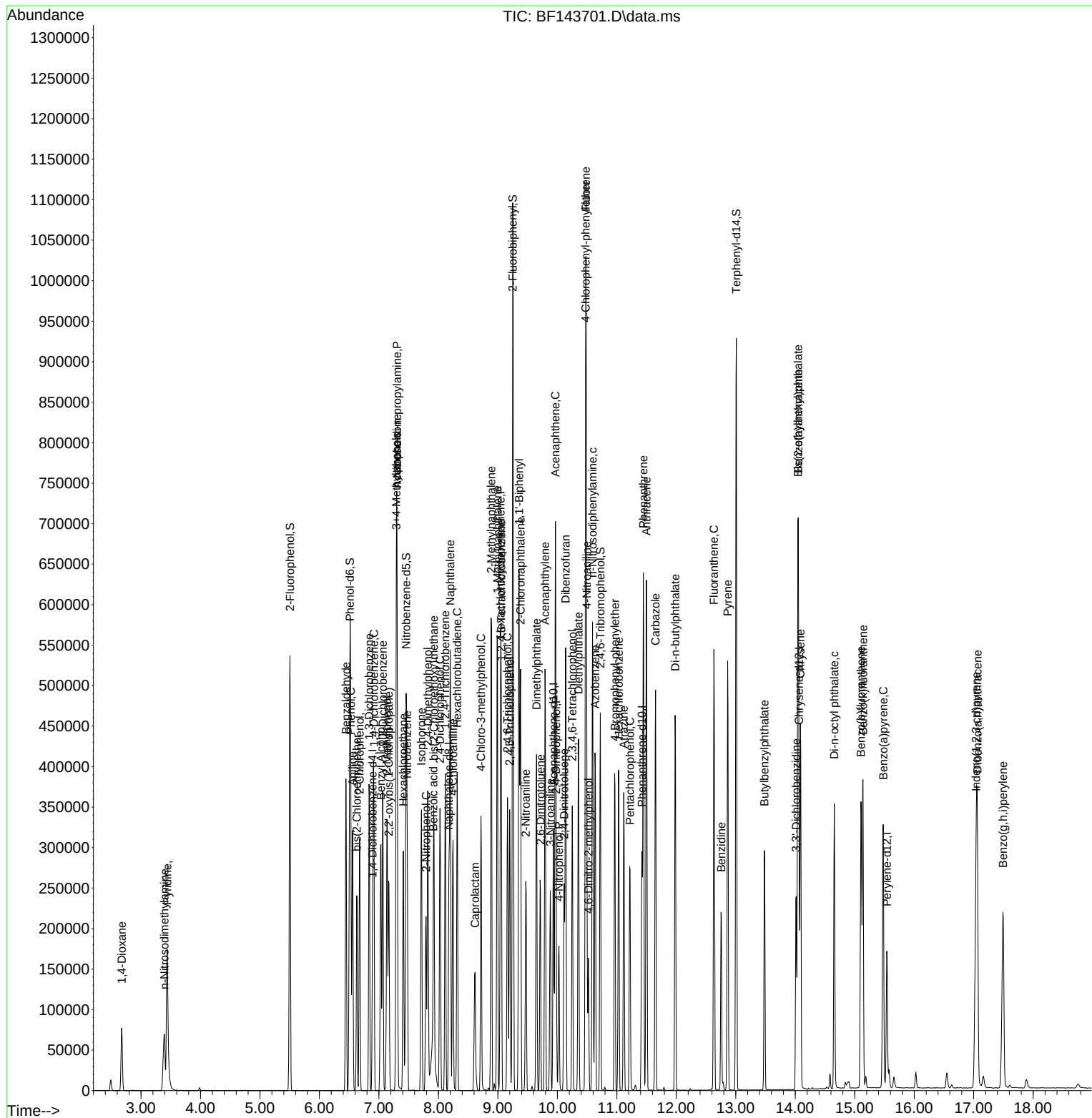
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	79214	40.958	ng	98
46) 1,1'-Biphenyl	9.357	154	291209	40.646	ng	99
47) 2-Chloronaphthalene	9.381	162	226596	40.343	ng	100
48) 2-Nitroaniline	9.469	65	64092	43.119	ng	94
49) Acenaphthylene	9.792	152	325754	40.488	ng	99
50) Dimethylphthalate	9.651	163	261935	40.453	ng	100
51) 2,6-Dinitrotoluene	9.716	165	52830	42.673	ng	94
52) Acenaphthene	9.969	154	222359	40.107	ng	100
53) 3-Nitroaniline	9.881	138	55465	41.631	ng	97
54) 2,4-Dinitrophenol	9.981	184	23227	38.030	ng	# 15
55) Dibenzofuran	10.139	168	320350	40.183	ng	99
56) 4-Nitrophenol	10.028	139	43900	41.418	ng	97
57) 2,4-Dinitrotoluene	10.116	165	69807	41.430	ng	97
58) Fluorene	10.480	166	250616	40.159	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	65069	41.492	ng	99
60) Diethylphthalate	10.357	149	249694	41.075	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	126091	39.840	ng	98
62) 4-Nitroaniline	10.492	138	52294	41.443	ng	98
63) Azobenzene	10.633	77	218370	40.634	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	33625	41.942	ng	99
66) n-Nitrosodiphenylamine	10.592	169	212910	41.274	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	78287	41.229	ng	99
68) Hexachlorobenzene	11.033	284	82307	41.051	ng	98
69) Atrazine	11.116	200	68010	42.049	ng	98
70) Pentachlorophenol	11.222	266	50081	41.320	ng	96
71) Phenanthrene	11.445	178	351461	40.510	ng	99
72) Anthracene	11.498	178	356949	40.917	ng	100
73) Carbazole	11.651	167	295368	41.343	ng	100
74) Di-n-butylphthalate	11.980	149	354409	41.204	ng	100
75) Fluoranthene	12.633	202	317627	39.880	ng	99
77) Benzidine	12.757	184	128125	41.025	ng	100
78) Pyrene	12.863	202	315626	41.219	ng	99
80) Butylbenzylphthalate	13.480	149	102764	42.833	ng	98
81) Benzo(a)anthracene	14.051	228	247929	40.240	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	78535	41.432	ng	96
83) Chrysene	14.086	228	232887	41.270	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	144744	42.284	ng	99
85) Di-n-octyl phthalate	14.657	149	256084	41.746	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	281854	40.682	ng	99
88) Benzo(b)fluoranthene	15.104	252	244439	40.449	ng	100
89) Benzo(k)fluoranthene	15.139	252	224751	41.209	ng	100
90) Benzo(a)pyrene	15.480	252	218021	41.066	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	229771	39.973	ng	100
92) Benzo(g,h,i)perylene	17.492	276	215599	40.099	ng	98

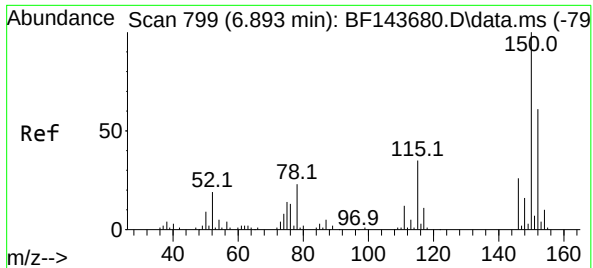
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF143701.D  
Acq On    : 11 Sep 2025 12:31  
Operator   : RC/JU  
Sample     : SSTDCCC040  
Misc       :  
ALS Vial   : 2    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

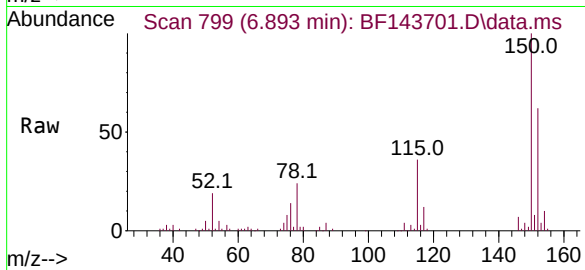
Quant Time: Sep 11 12:54:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



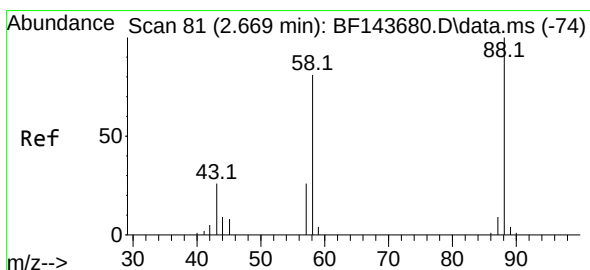
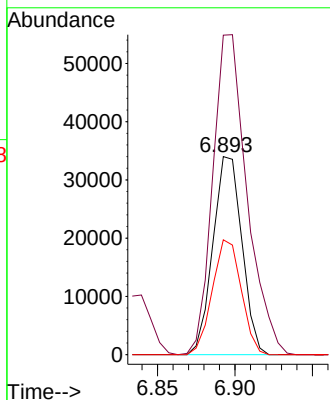
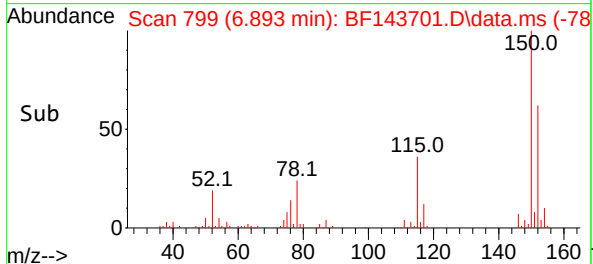


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

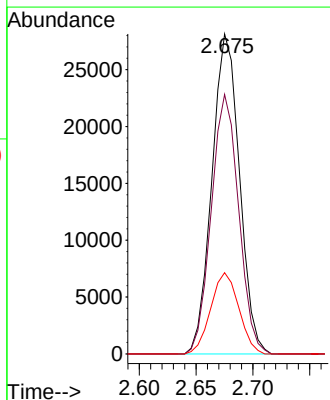
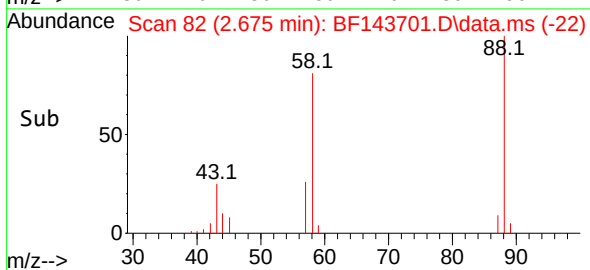
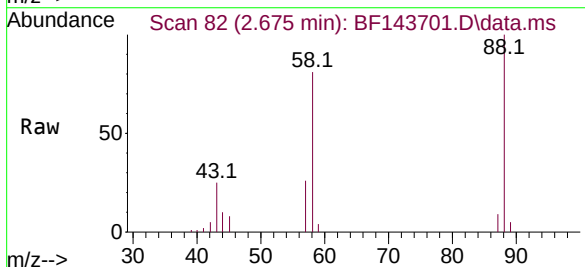


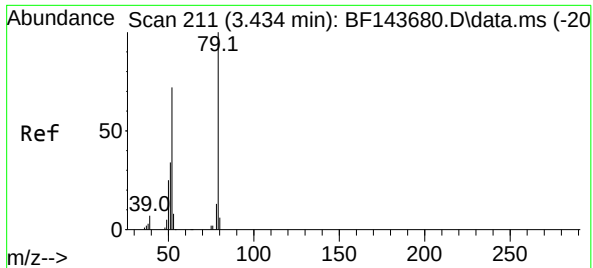
Tgt Ion:152 Resp: 44409
Ion Ratio Lower Upper
152 100
150 161.2 130.7 196.1
115 57.9 45.9 68.9



#2
1,4-Dioxane
Concen: 40.788 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion: 88 Resp: 47358
Ion Ratio Lower Upper
88 100
58 80.6 65.8 98.6
43 25.9 20.6 31.0

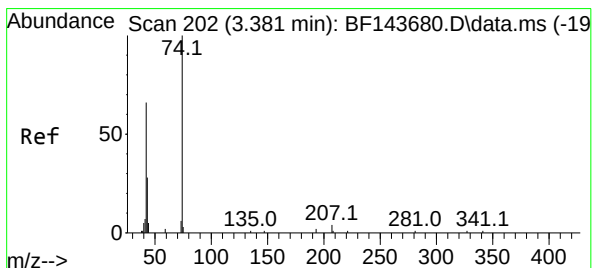
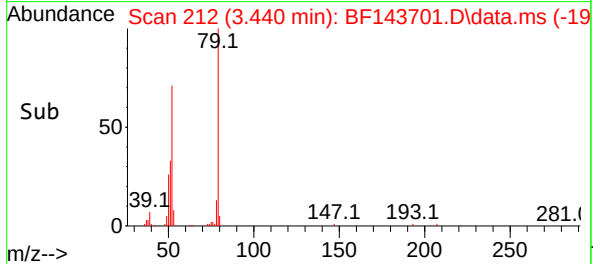
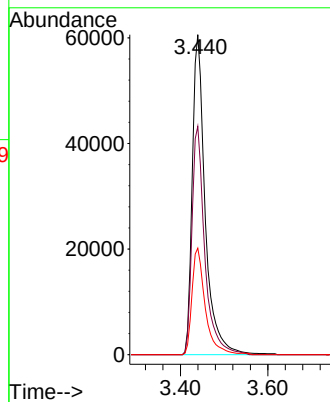
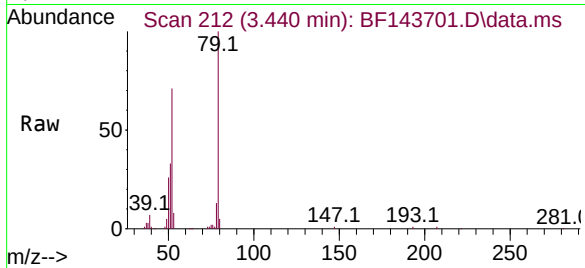




#3
Pyridine
Concen: 41.563 ng
RT: 3.440 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

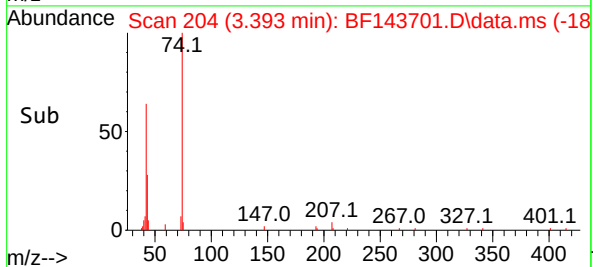
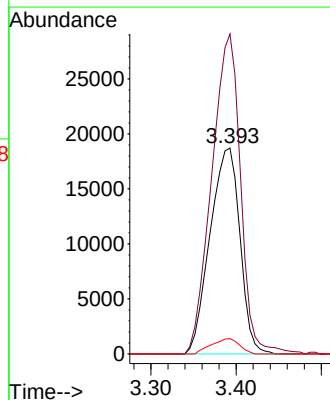
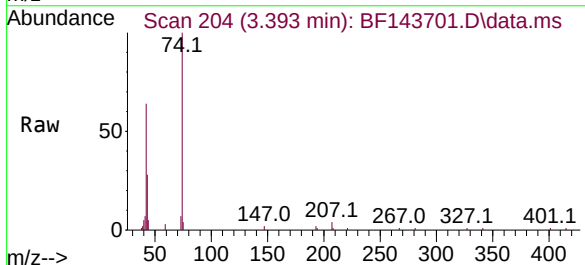
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

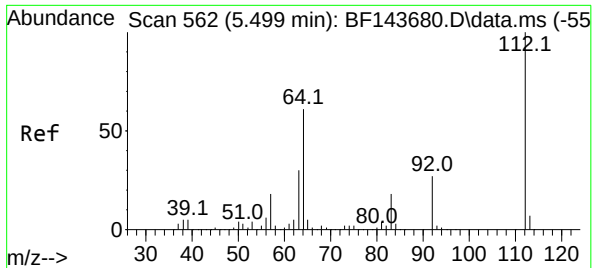
Tgt Ion: 79 Resp: 124658
Ion Ratio Lower Upper
79 100
52 71.3 57.2 85.8
51 33.3 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 39.948 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion: 42 Resp: 45513
Ion Ratio Lower Upper
42 100
74 155.5 120.9 181.3
44 7.4 6.5 9.7

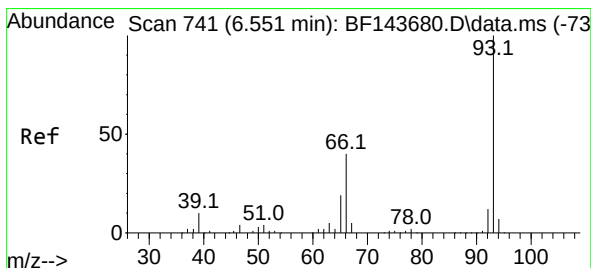
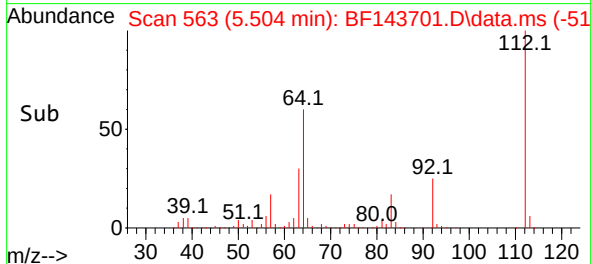
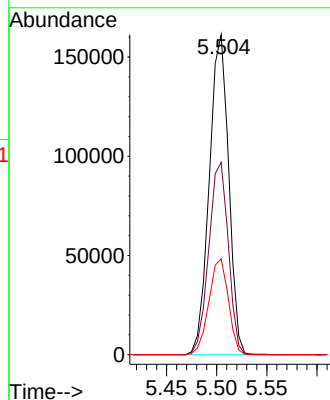
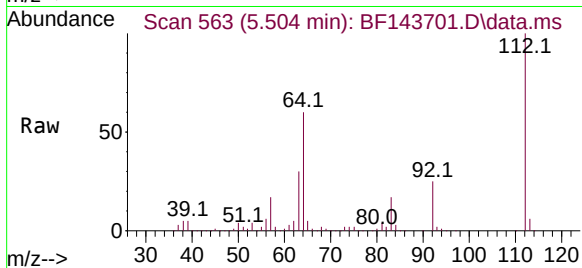




#5
2-Fluorophenol
Concen: 83.208 ng
RT: 5.504 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

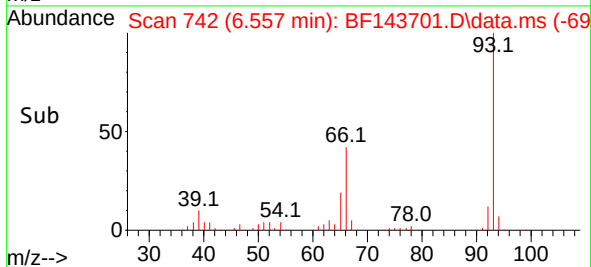
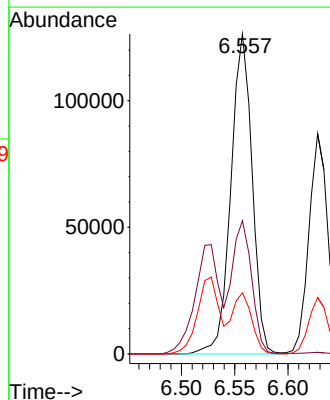
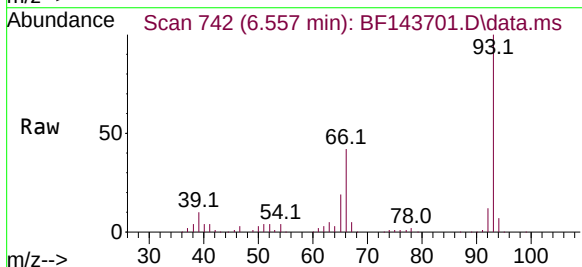
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

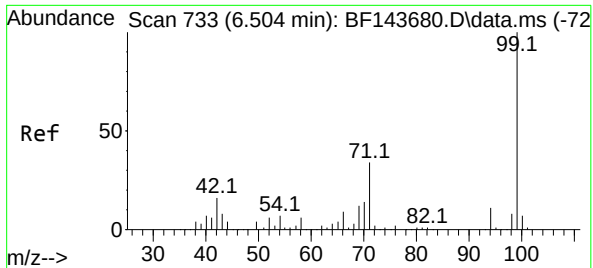
Tgt Ion:112 Resp: 216582
Ion Ratio Lower Upper
112 100
64 60.1 49.0 73.4
63 29.9 24.3 36.5



#6
Aniline
Concen: 41.620 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion: 93 Resp: 174705
Ion Ratio Lower Upper
93 100
66 41.6 34.1 51.1
65 19.1 16.1 24.1

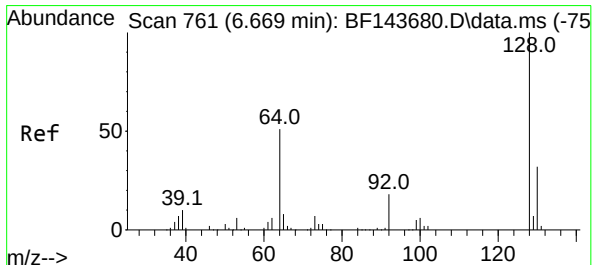
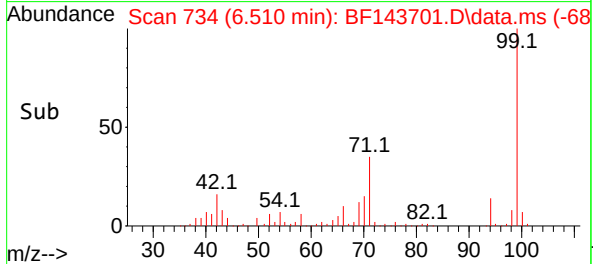
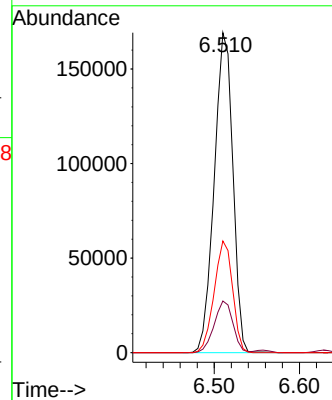
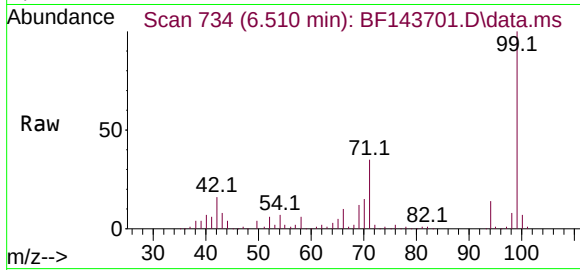




#7
Phenol-d6
Concen: 81.037 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

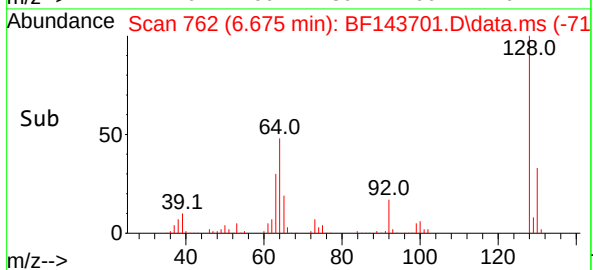
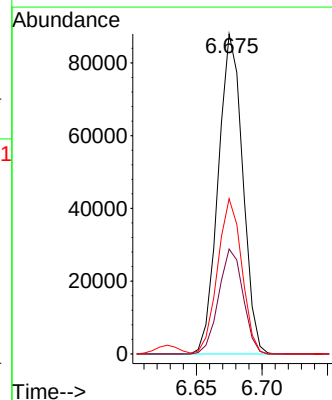
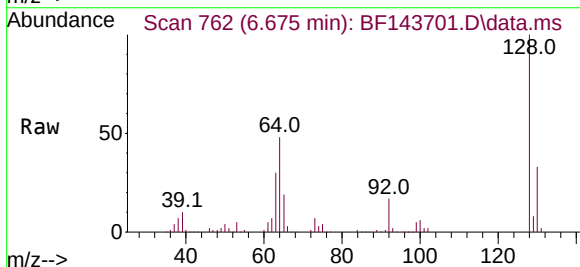
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

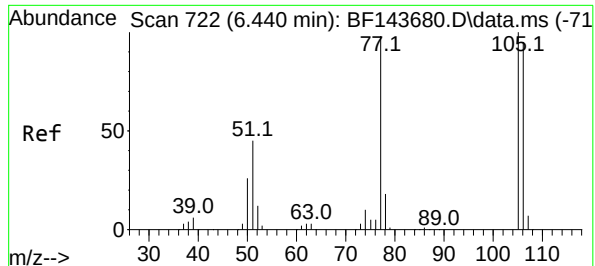
Tgt Ion: 99 Resp: 256829
Ion Ratio Lower Upper
99 100
42 16.2 13.0 19.4
71 34.9 27.4 41.2



#8
2-Chlorophenol
Concen: 40.755 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion: 128 Resp: 114570
Ion Ratio Lower Upper
128 100
130 32.8 12.0 52.0
64 48.5 31.9 71.9

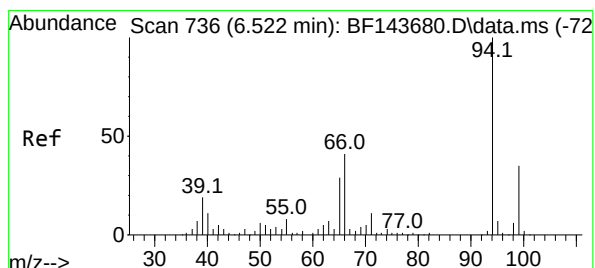
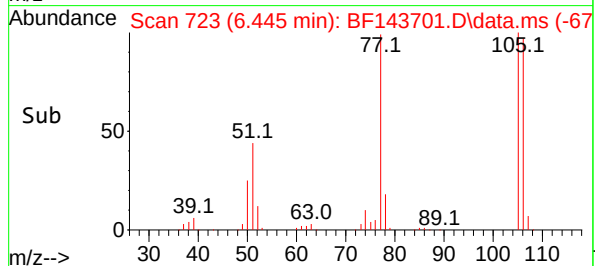
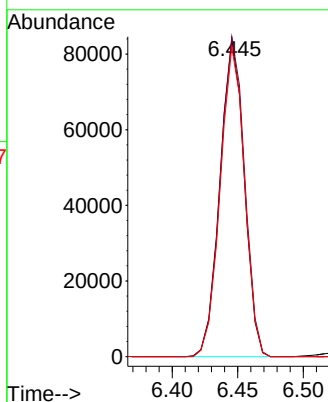
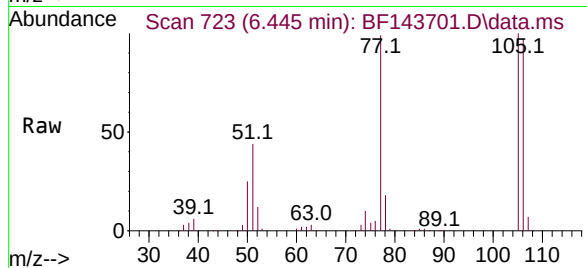




#9
Benzaldehyde
Concen: 42.266 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

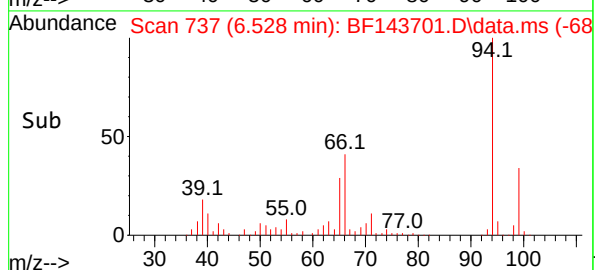
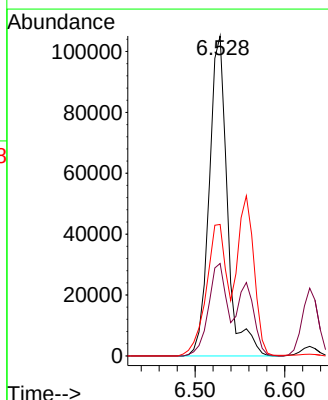
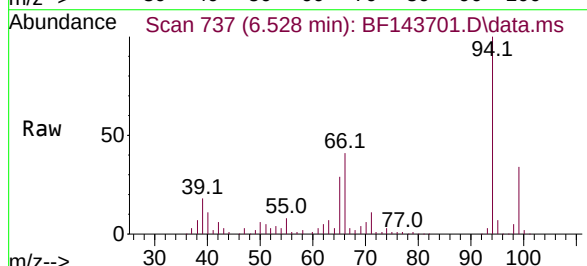
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

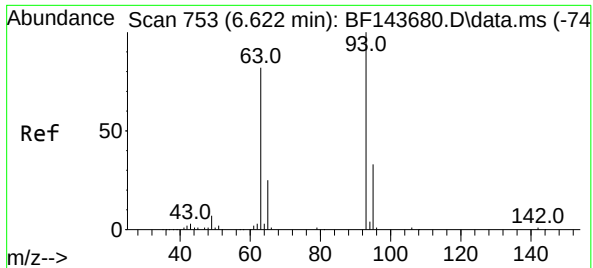
Tgt Ion: 77 Resp: 108078
Ion Ratio Lower Upper
77 100
105 100.9 81.7 121.7
106 97.6 76.9 116.9



#10
Phenol
Concen: 42.330 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion: 94 Resp: 148297
Ion Ratio Lower Upper
94 100
65 28.9 9.1 49.1
66 41.1 20.8 60.8

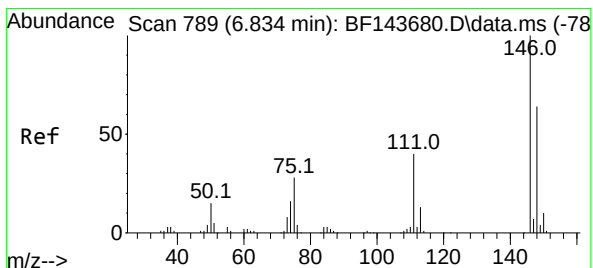
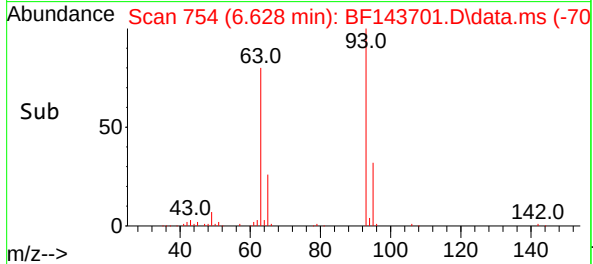
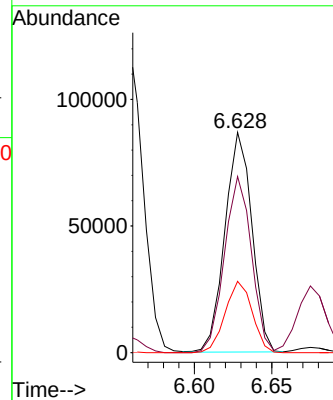
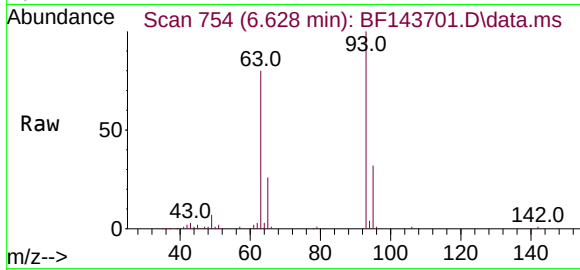




#11
bis(2-Chloroethyl)ether
Concen: 40.431 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

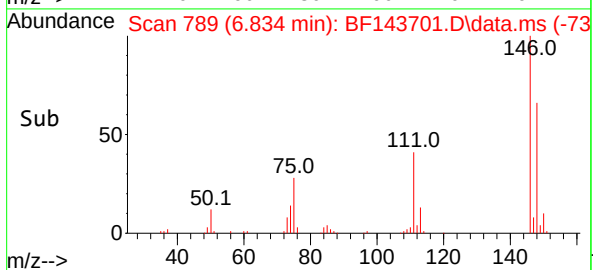
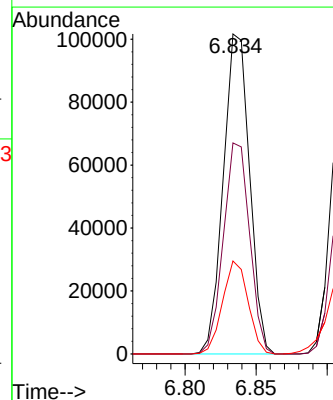
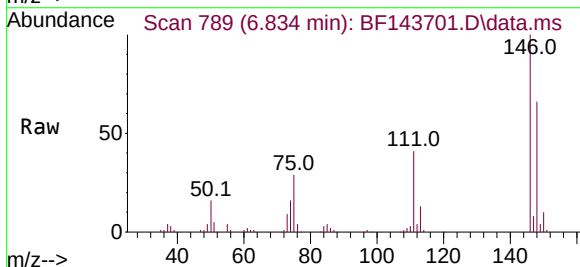
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

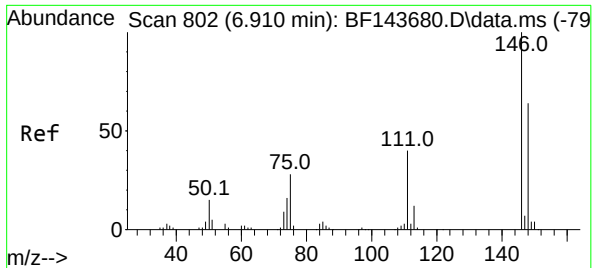
Tgt Ion: 93 Resp: 105787
Ion Ratio Lower Upper
93 100
63 79.9 61.8 101.8
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.669 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:146 Resp: 130755
Ion Ratio Lower Upper
146 100
148 65.9 51.0 76.4
75 29.0 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 40.599 ng

RT: 6.916 min Scan# 802

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

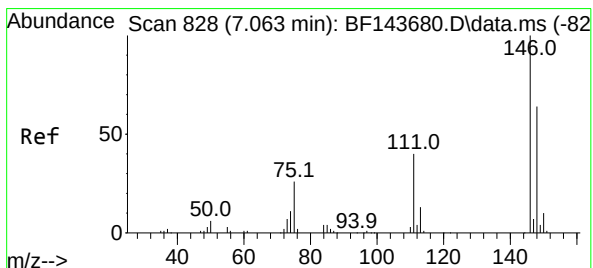
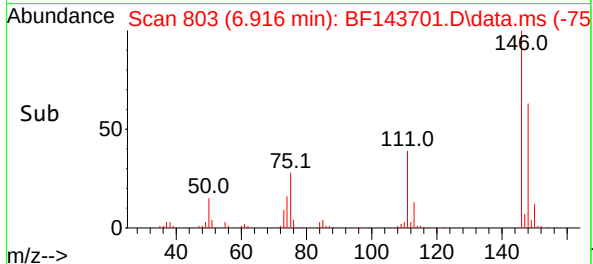
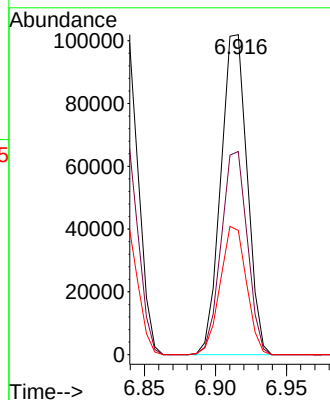
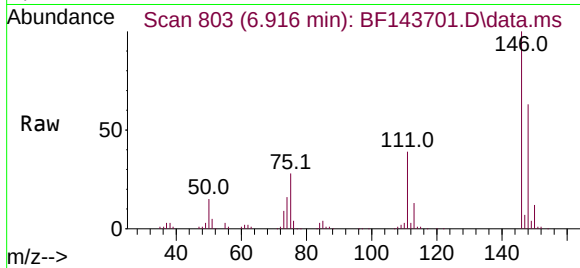
Tgt Ion:146 Resp: 131748

Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

111 38.8 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 40.592 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

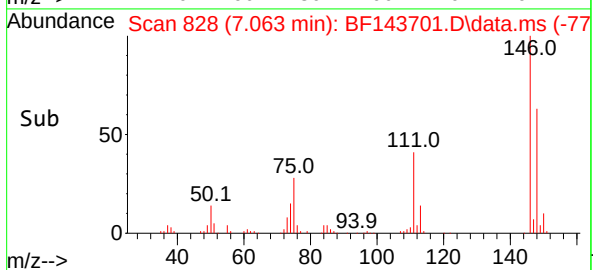
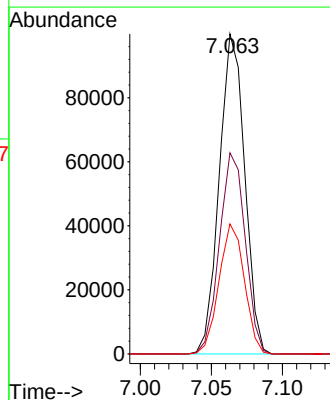
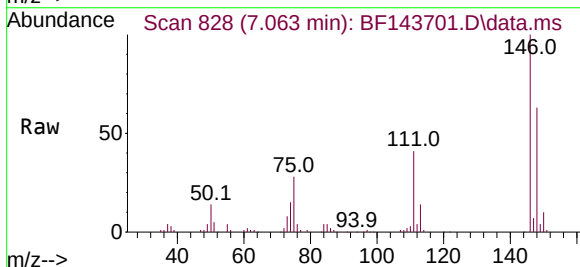
Tgt Ion:146 Resp: 124394

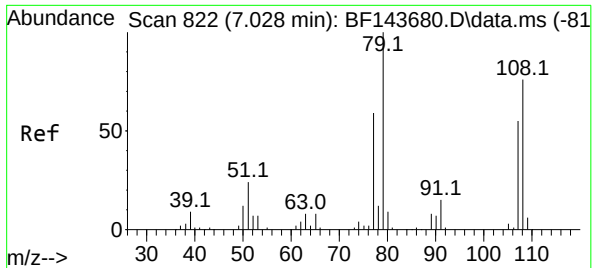
Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.4

111 40.6 32.3 48.5





#15

Benzyl Alcohol

Concen: 40.635 ng

RT: 7.034 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

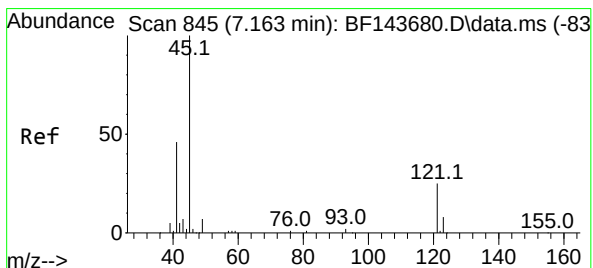
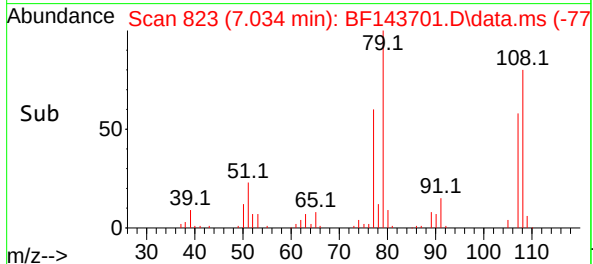
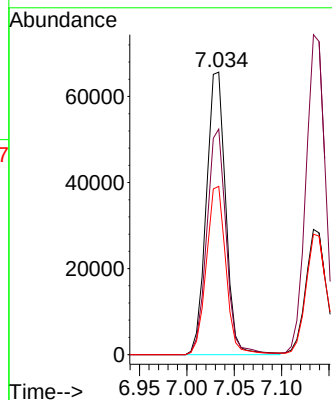
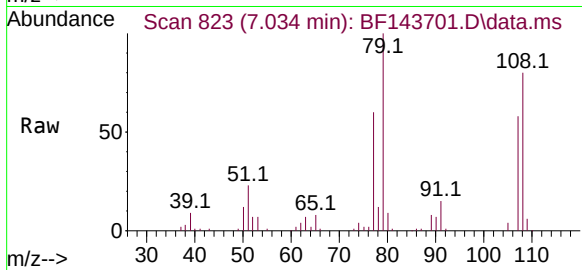
Tgt Ion: 79 Resp: 93679

Ion Ratio Lower Upper

79 100

108 79.8 60.9 91.3

77 59.6 47.4 71.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.452 ng

RT: 7.163 min Scan# 845

Delta R.T. -0.000 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

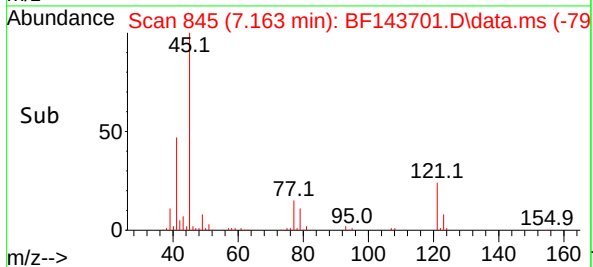
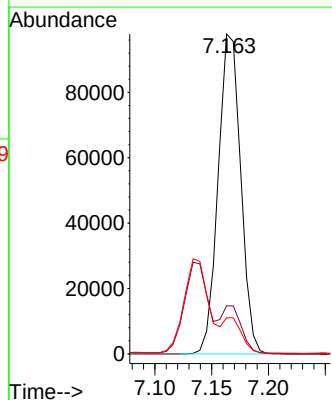
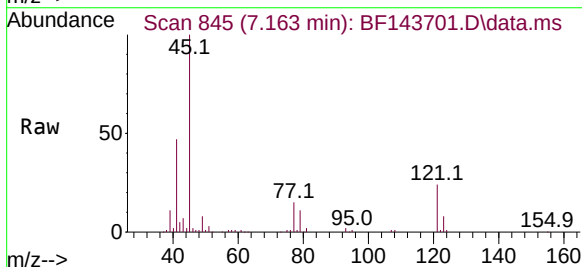
Tgt Ion: 45 Resp: 135050

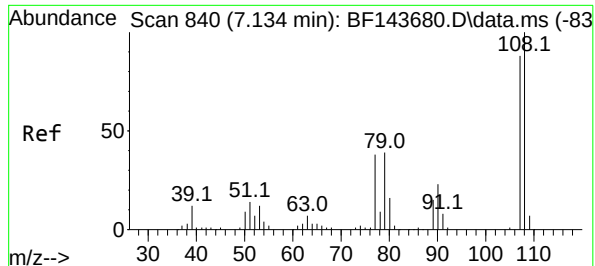
Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.6

79 11.3 0.0 31.3

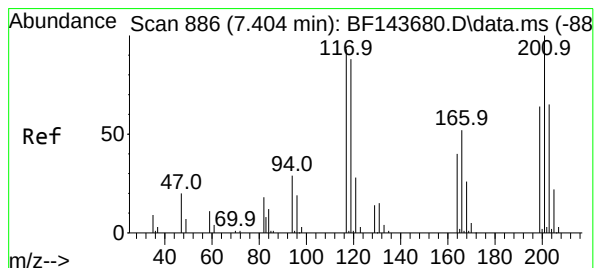
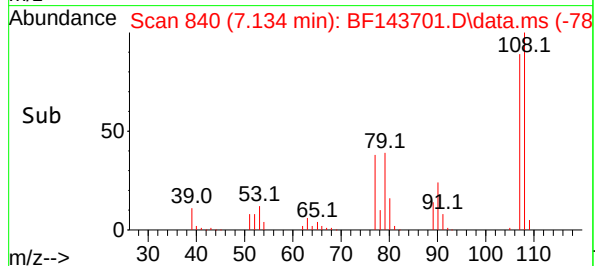
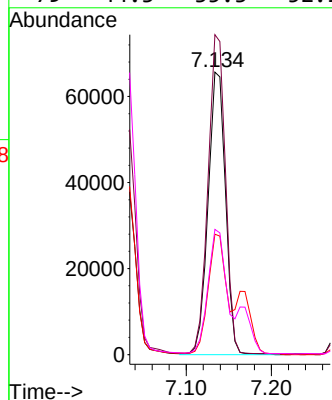
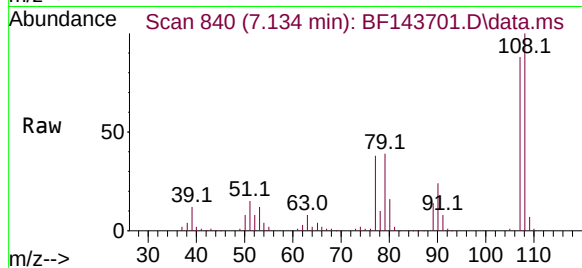




#17
2-Methylphenol
Concen: 41.354 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

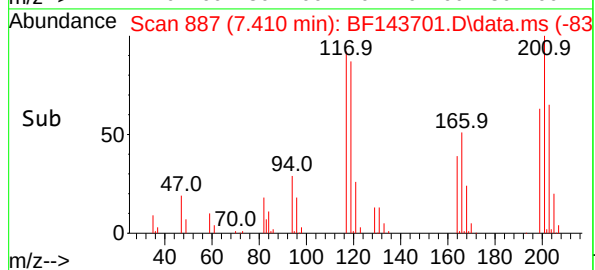
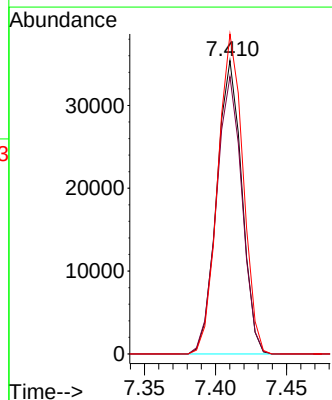
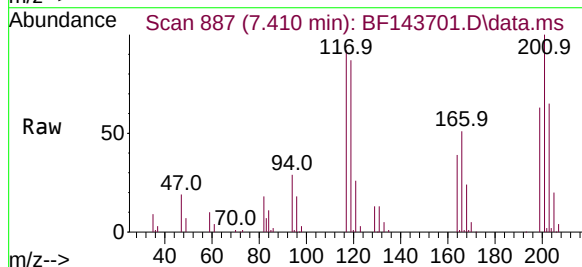
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

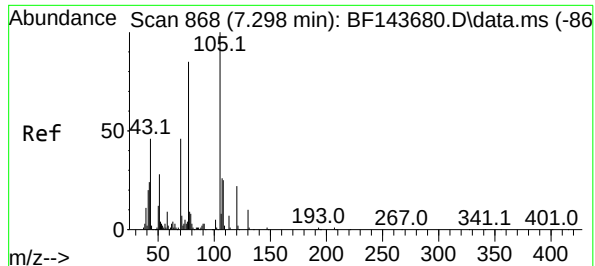
Tgt Ion:	107	Resp:	93519
Ion Ratio	Lower	Upper	
107	100		
108	113.3	90.9	136.3
77	42.6	34.4	51.6
79	44.3	35.3	52.9



#18
Hexachloroethane
Concen: 41.418 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:	117	Resp:	43418
Ion Ratio	Lower	Upper	
117	100		
119	94.6	76.2	114.2
201	109.1	86.4	129.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.934 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 79676

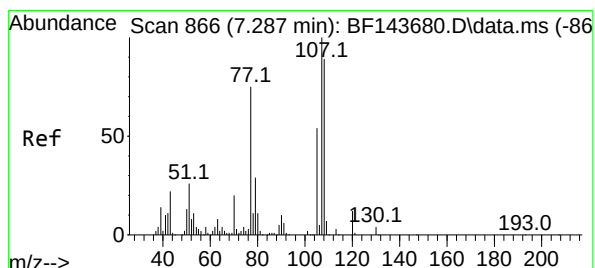
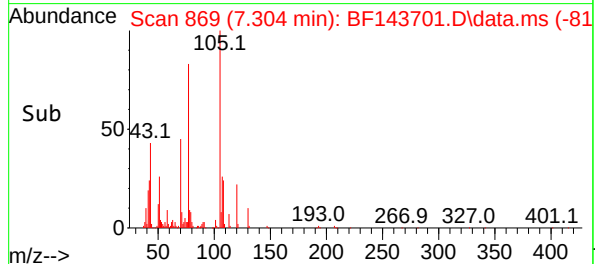
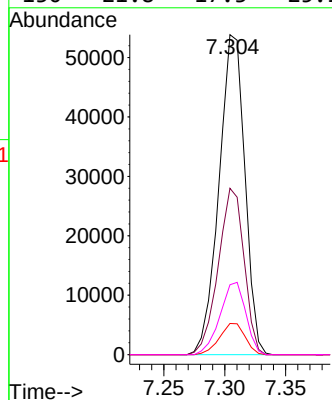
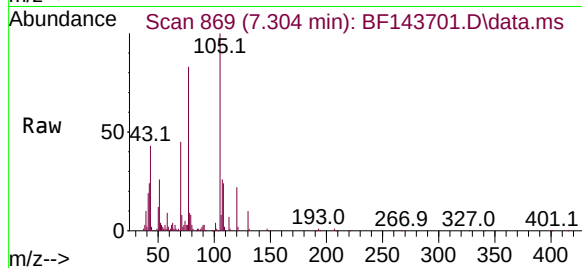
Ion Ratio Lower Upper

70 100

42 52.0 41.4 62.2

101 9.7 8.1 12.1

130 21.8 17.3 25.9



#20

3+4-Methylphenols

Concen: 41.842 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Tgt Ion: 107 Resp: 124603

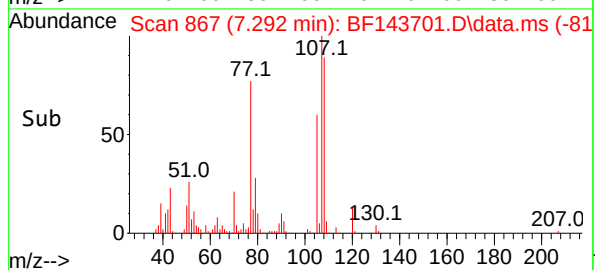
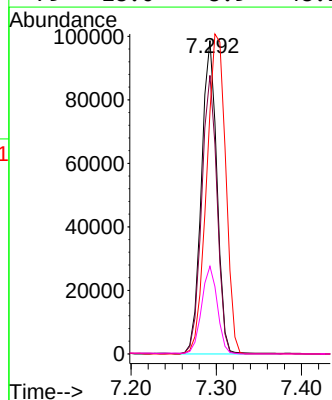
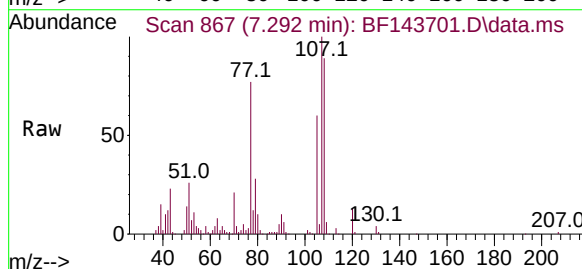
Ion Ratio Lower Upper

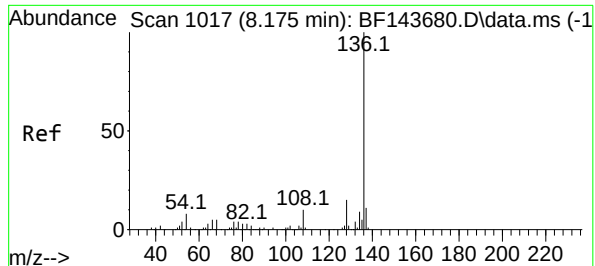
107 100

108 88.9 68.6 108.6

77 77.2 54.6 94.6

79 28.0 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 171787

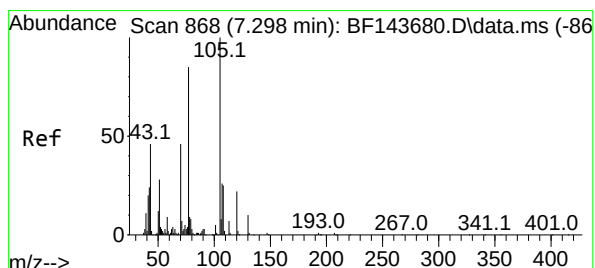
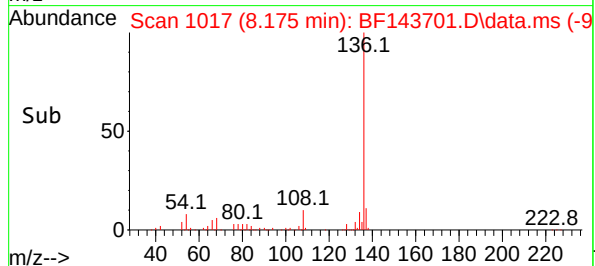
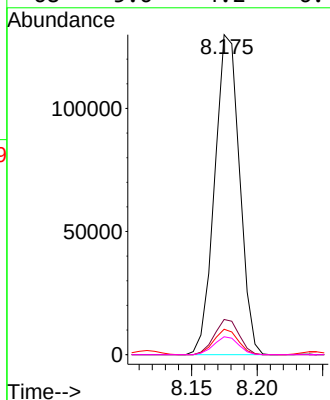
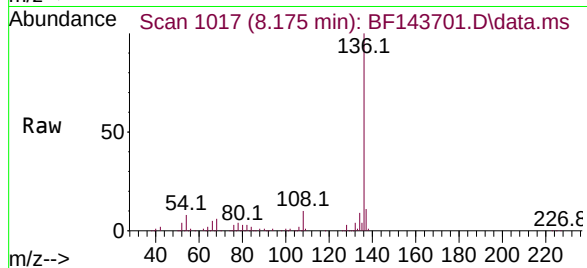
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.9 6.2 9.2

68 5.6 4.2 6.4



#22

Acetophenone

Concen: 40.552 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Tgt Ion:105 Resp: 157334

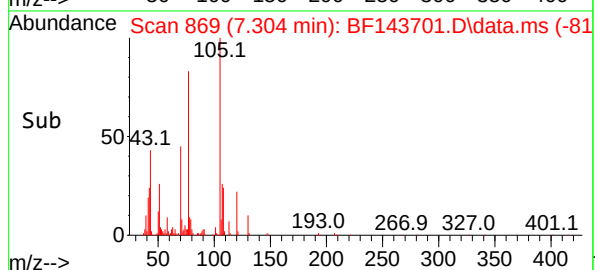
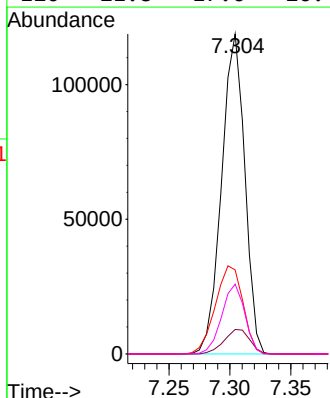
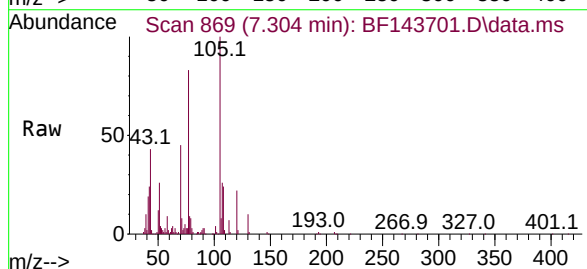
Ion Ratio Lower Upper

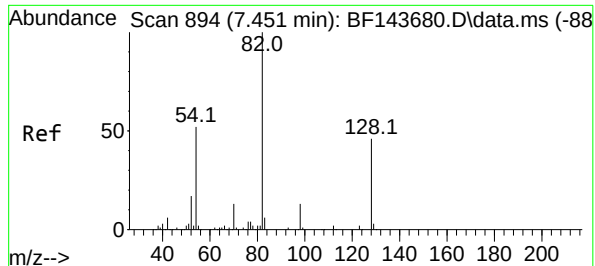
105 100

71 7.6 5.9 8.9

51 26.2 22.4 33.6

120 21.8 17.6 26.4





#23

Nitrobenzene-d5

Concen: 82.103 ng

RT: 7.457 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

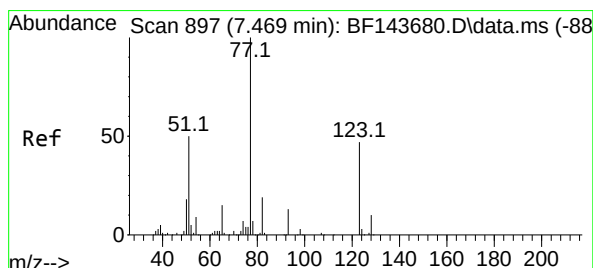
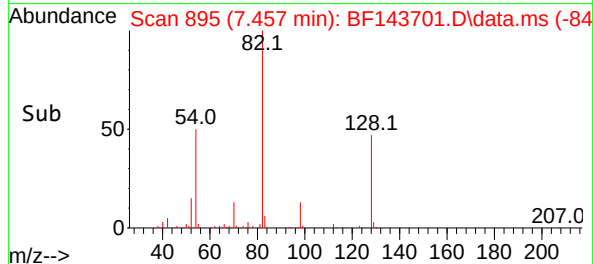
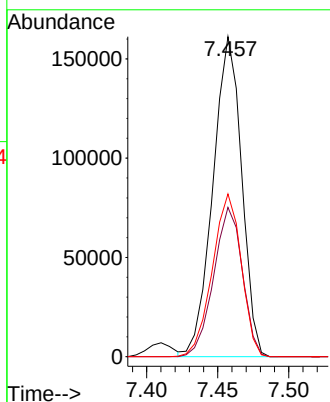
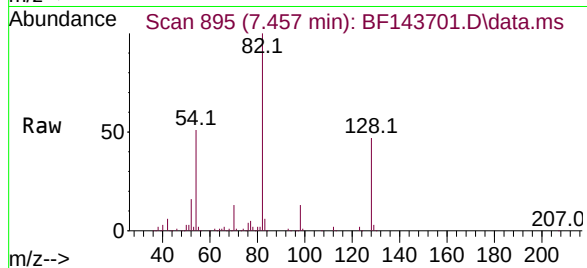
Tgt Ion: 82 Resp: 226754

Ion Ratio Lower Upper

82 100

128 46.6 37.0 55.4

54 50.8 41.8 62.8



#24

Nitrobenzene

Concen: 40.456 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

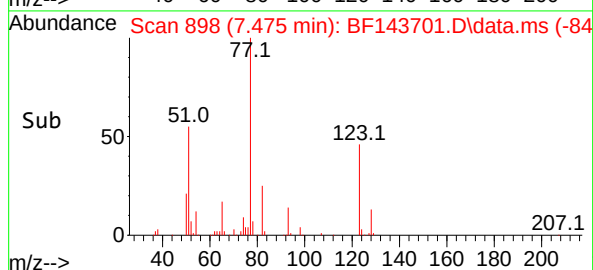
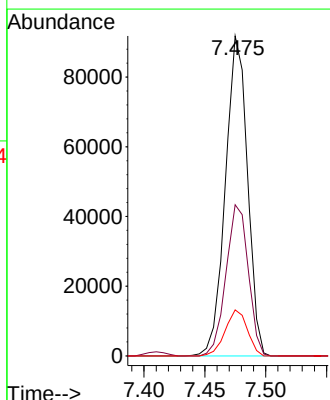
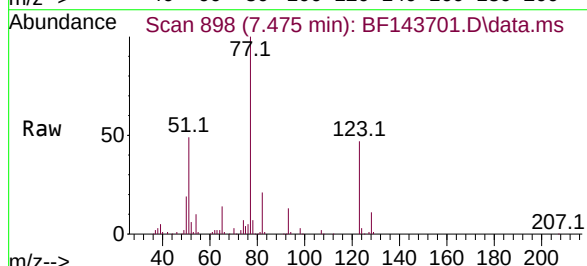
Tgt Ion: 77 Resp: 115855

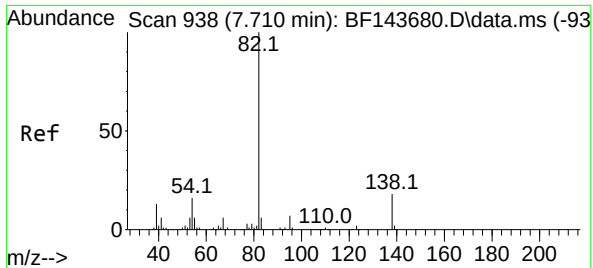
Ion Ratio Lower Upper

77 100

123 47.3 37.4 56.0

65 14.4 11.6 17.4

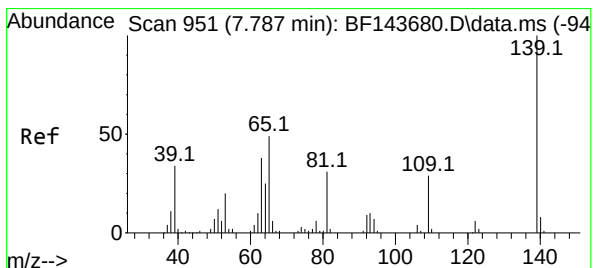
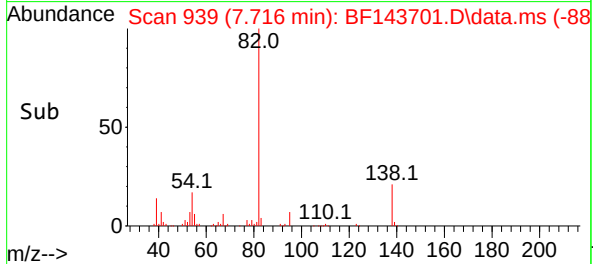
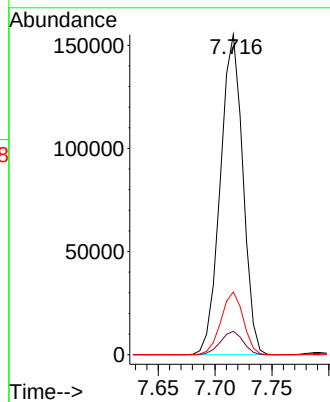
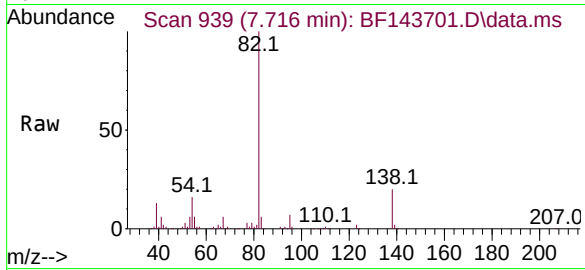




#25
Isophorone
Concen: 40.418 ng
RT: 7.716 min Scan# 939
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

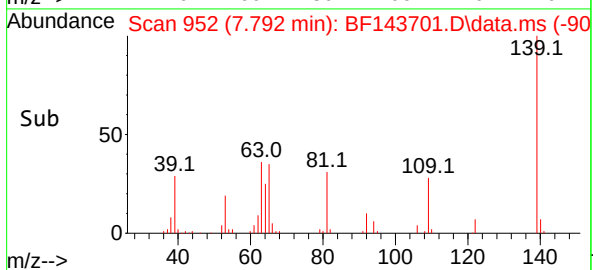
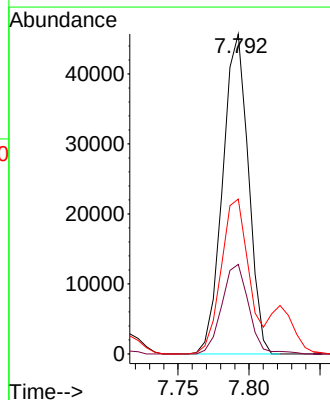
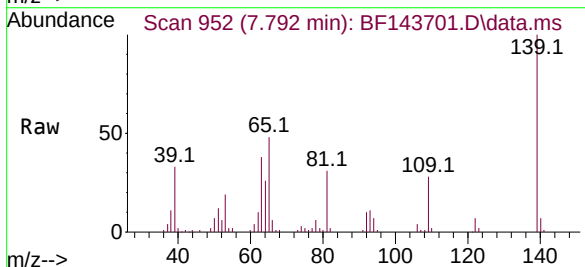
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

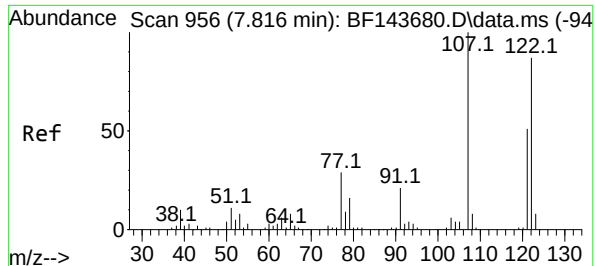
Tgt Ion: 82 Resp: 214050
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.6 14.8 22.2



#26
2-Nitrophenol
Concen: 40.918 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion: 139 Resp: 57613
Ion Ratio Lower Upper
139 100
109 28.0 22.8 34.2
65 48.4 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 40.928 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

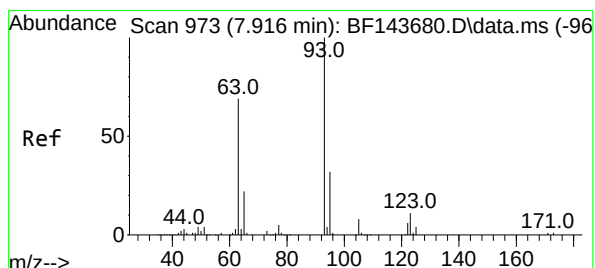
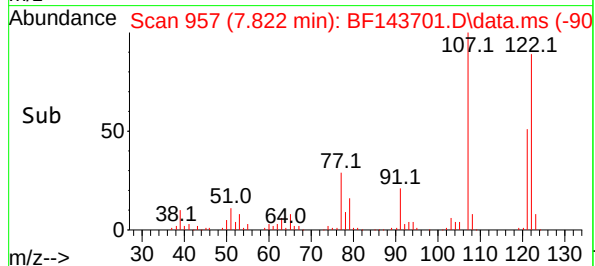
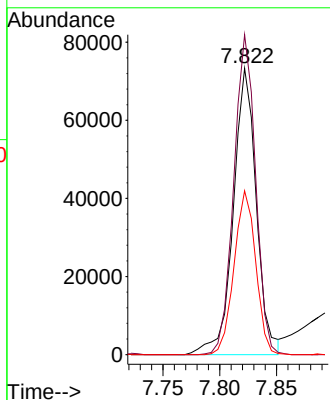
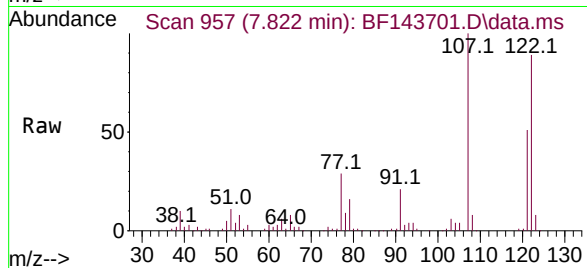
Tgt Ion:122 Resp: 103452

Ion Ratio Lower Upper

122 100

107 111.8 92.1 138.1

121 57.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.090 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

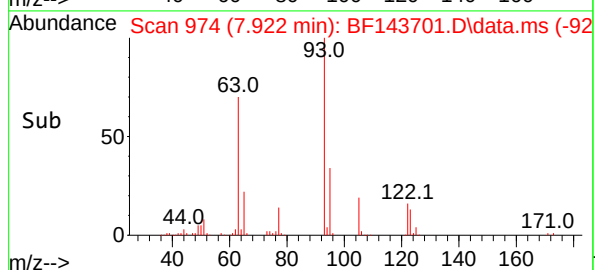
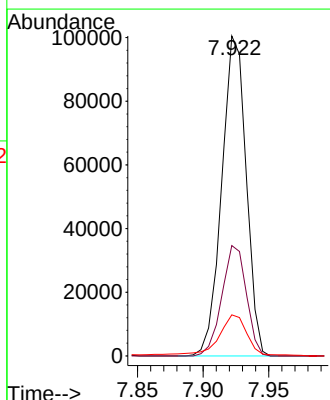
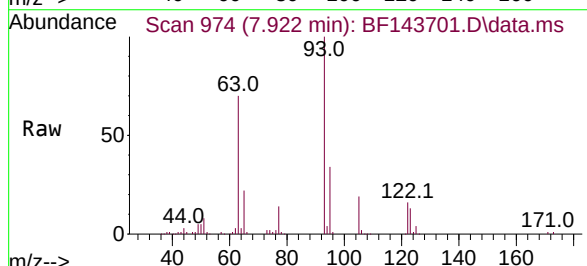
Tgt Ion: 93 Resp: 130474

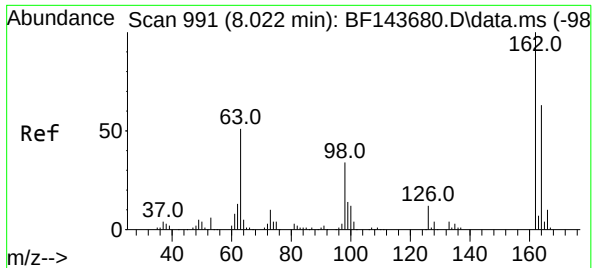
Ion Ratio Lower Upper

93 100

95 34.5 26.0 39.0

123 12.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.287 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

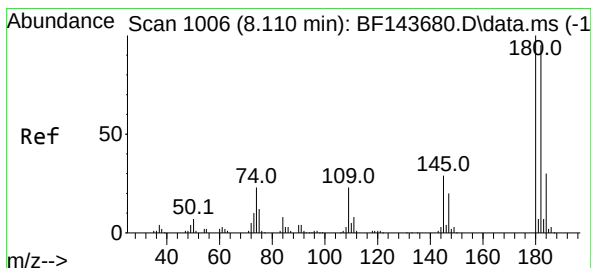
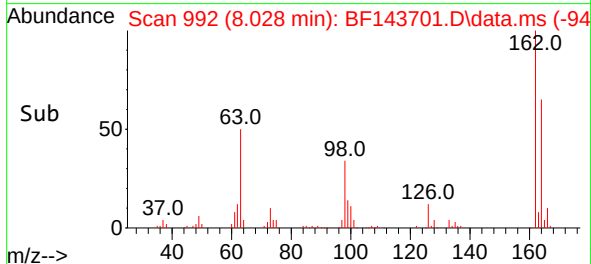
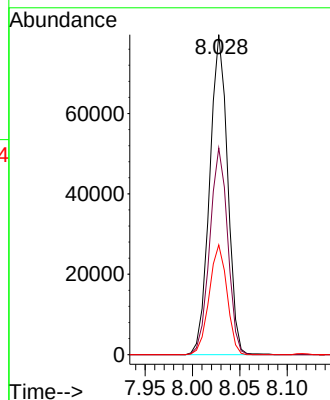
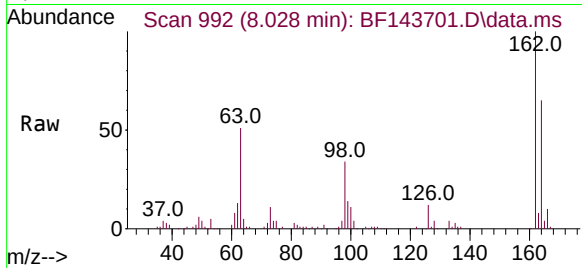
Tgt Ion:162 Resp: 104977

Ion Ratio Lower Upper

162 100

164 64.6 43.0 83.0

98 34.3 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 40.875 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

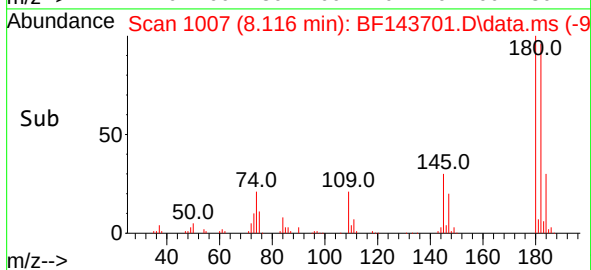
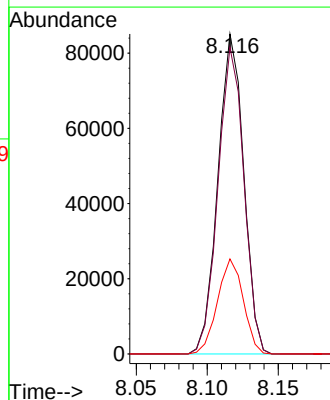
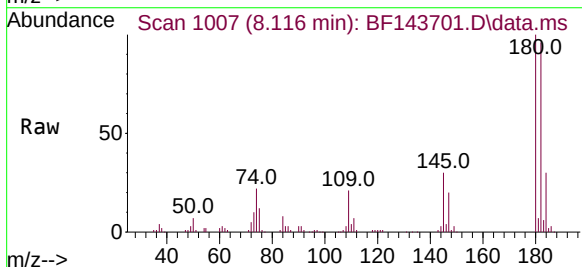
Tgt Ion:180 Resp: 107672

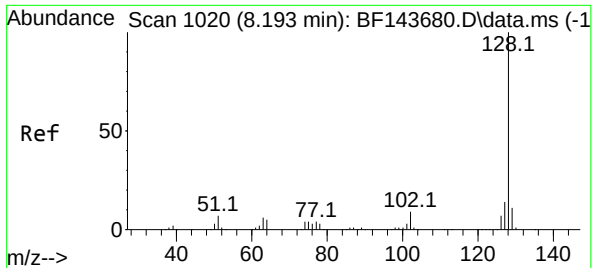
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.4

145 29.7 23.2 34.8





#31

Naphthalene

Concen: 40.733 ng

RT: 8.198 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

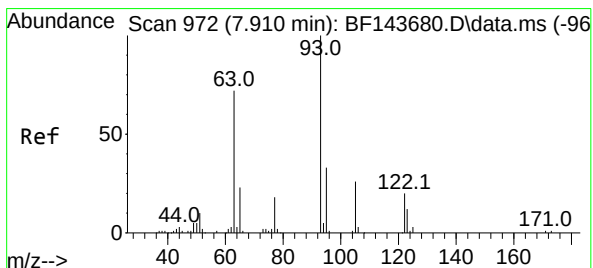
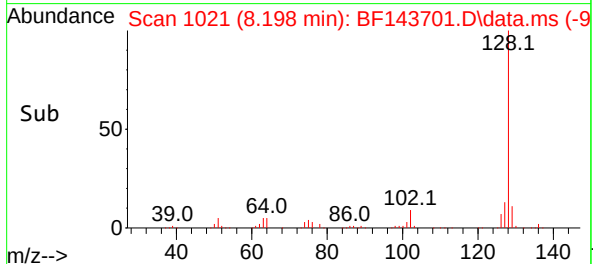
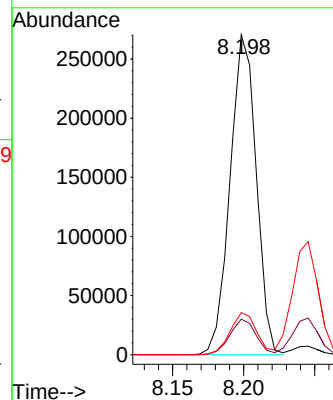
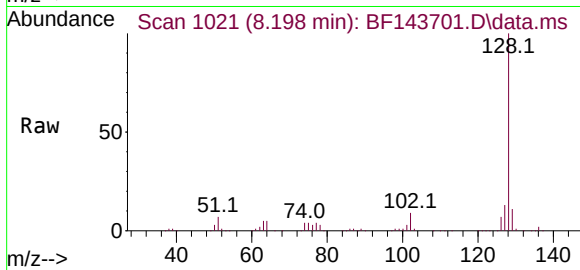
Tgt Ion:128 Resp: 346393

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.2 10.9 16.3



#32

Benzoic acid

Concen: 41.264 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

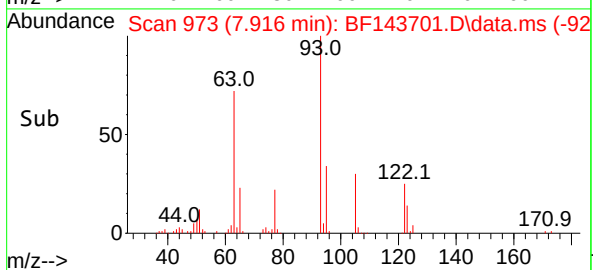
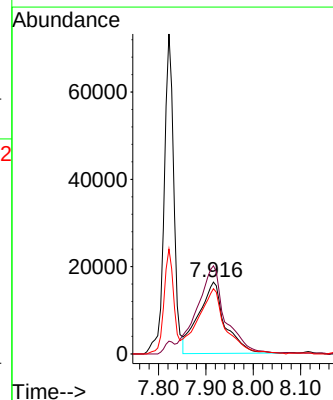
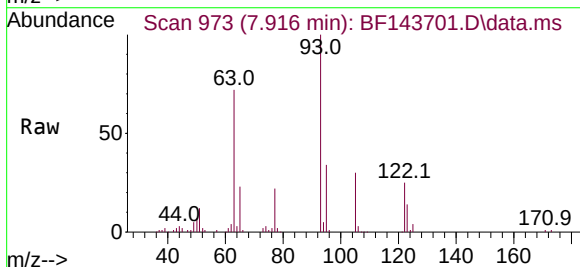
Tgt Ion:122 Resp: 63633

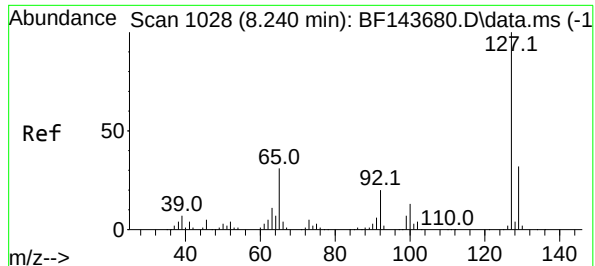
Ion Ratio Lower Upper

122 100

105 122.9 105.2 145.2

77 90.9 72.0 112.0





#33

4-Chloroaniline

Concen: 41.178 ng

RT: 8.245 min Scan# 1028

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 121906

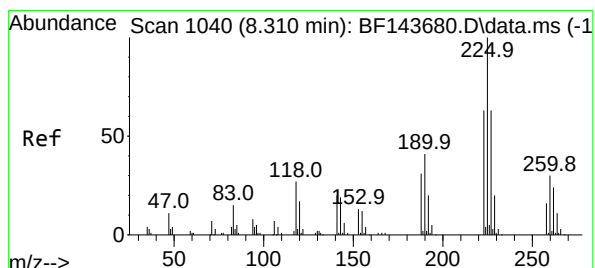
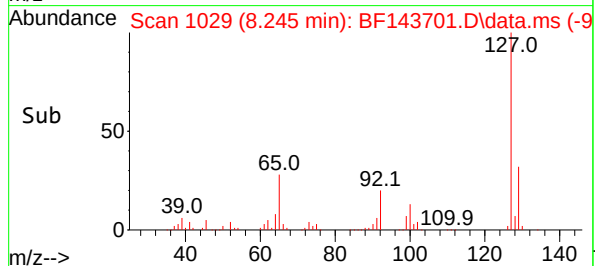
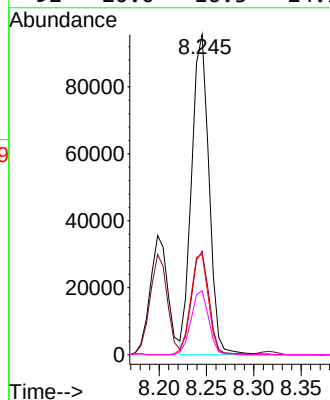
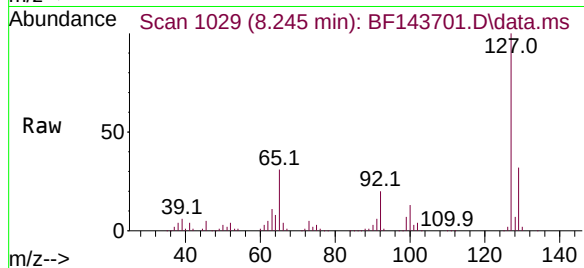
Ion Ratio Lower Upper

127 100

129 32.3 26.0 39.0

65 31.3 24.6 36.8

92 20.0 16.3 24.5



#34

Hexachlorobutadiene

Concen: 41.225 ng

RT: 8.316 min Scan# 1041

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

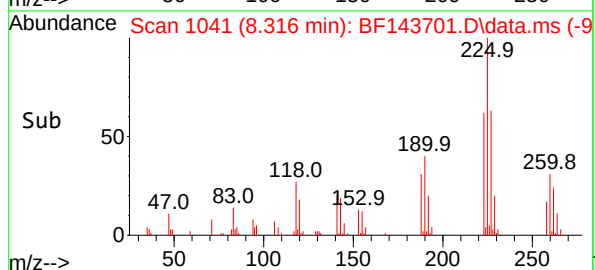
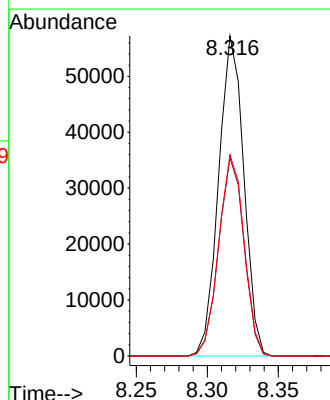
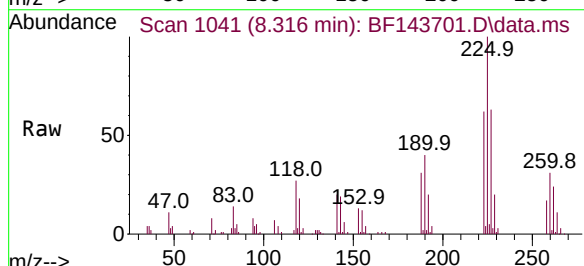
Tgt Ion:225 Resp: 70830

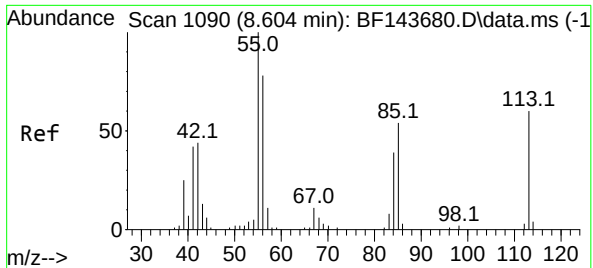
Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

227 62.8 50.8 76.2

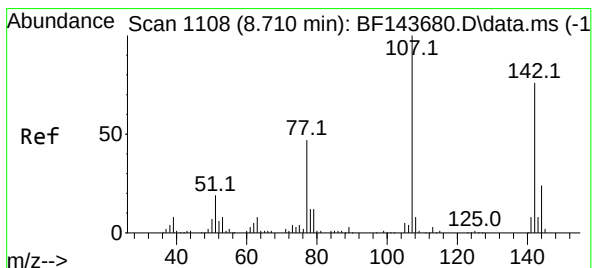
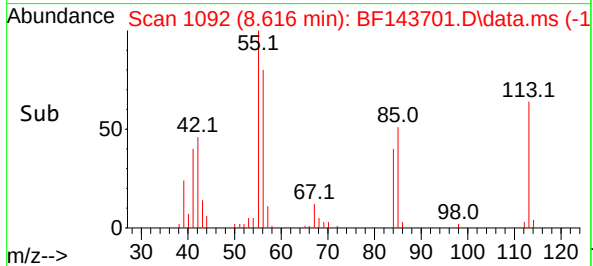
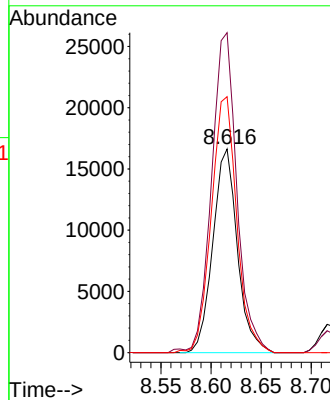
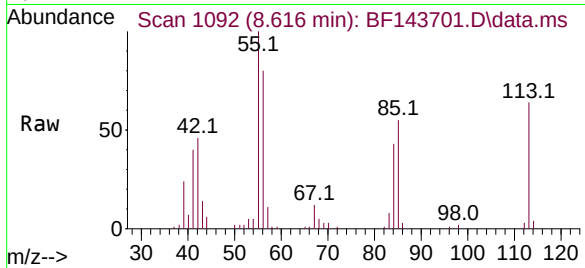




#35
Caprolactam
Concen: 41.850 ng
RT: 8.616 min Scan# 1092
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

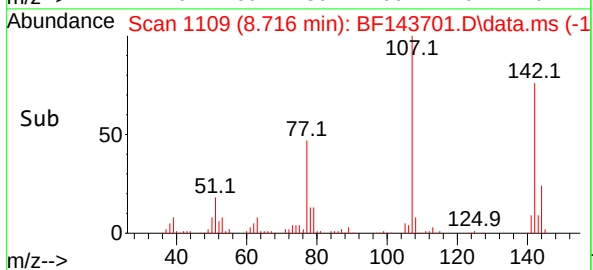
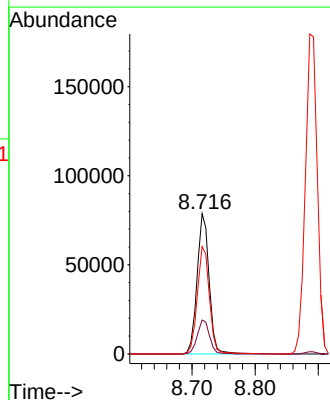
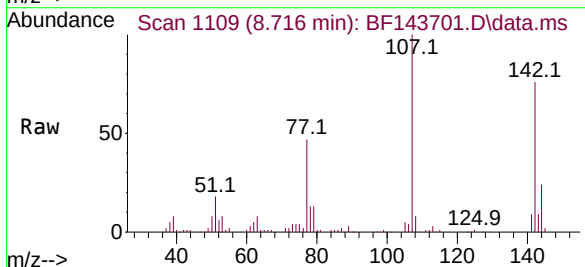
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

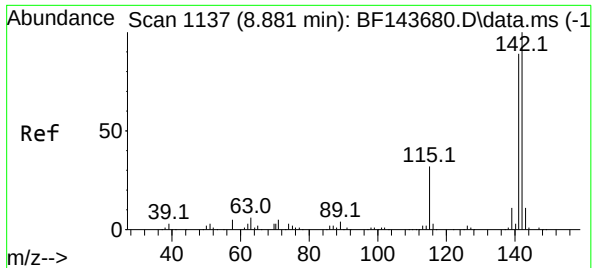
Tgt Ion:113 Resp: 28321
Ion Ratio Lower Upper
113 100
55 157.1 148.9 188.9
56 125.7 112.8 152.8



#36
4-Chloro-3-methylphenol
Concen: 41.749 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:107 Resp: 104667
Ion Ratio Lower Upper
107 100
144 24.1 19.4 29.2
142 76.5 60.6 91.0

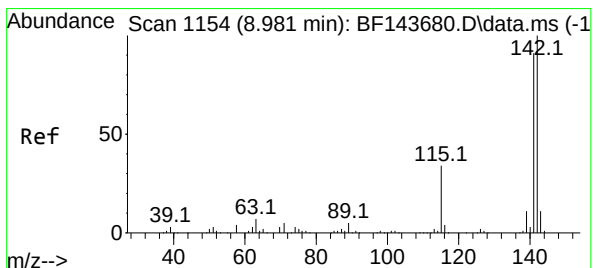
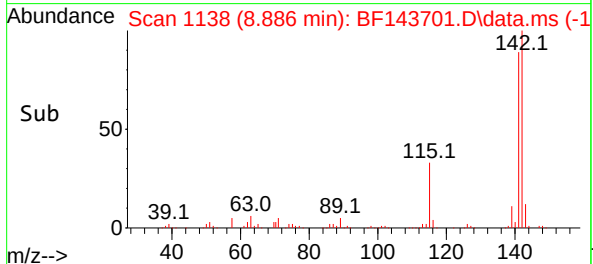
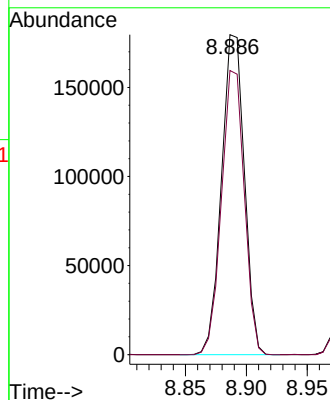
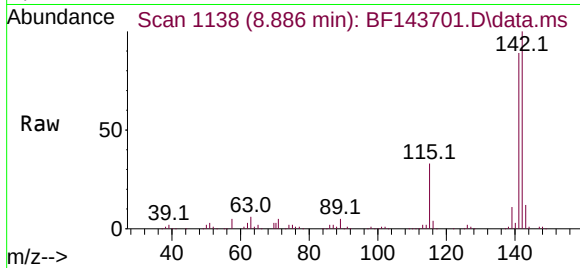




#37
2-Methylnaphthalene
Concen: 40.439 ng
RT: 8.886 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

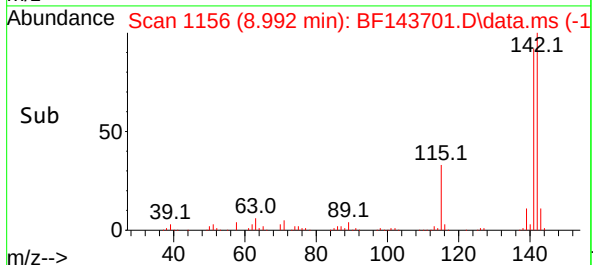
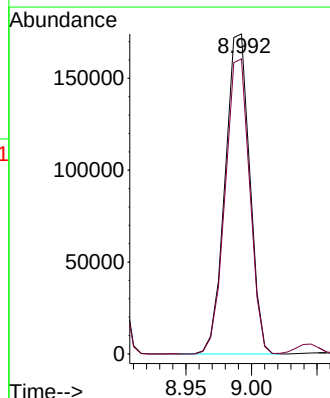
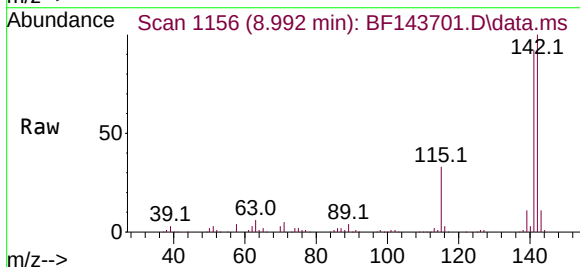
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

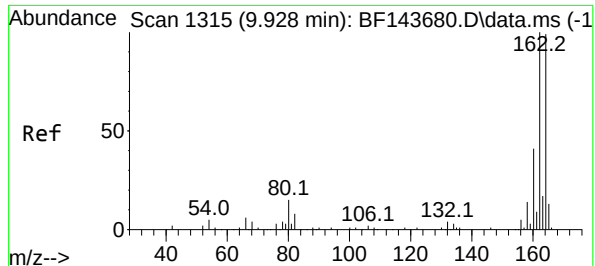
Tgt Ion:142 Resp: 235410
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#38
1-Methylnaphthalene
Concen: 40.741 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:142 Resp: 227603
Ion Ratio Lower Upper
142 100
141 92.2 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

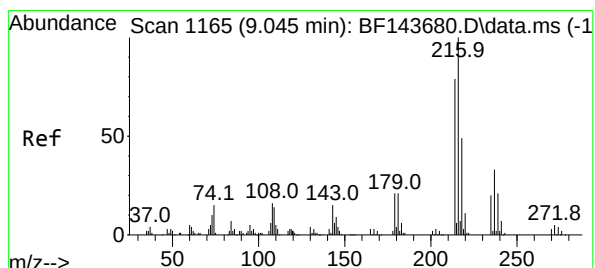
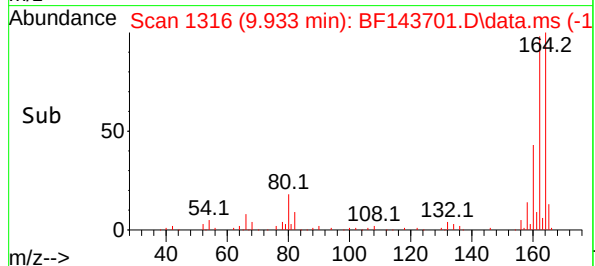
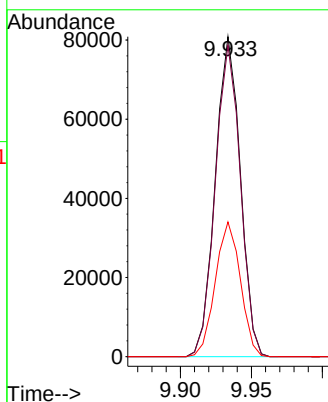
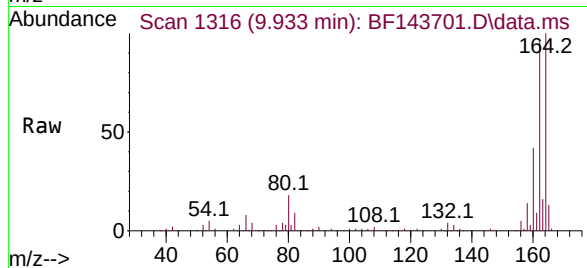
Tgt Ion:164 Resp: 99519

Ion Ratio Lower Upper

164 100

162 97.3 80.6 121.0

160 42.1 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.667 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.012 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Tgt Ion:216 Resp: 115862

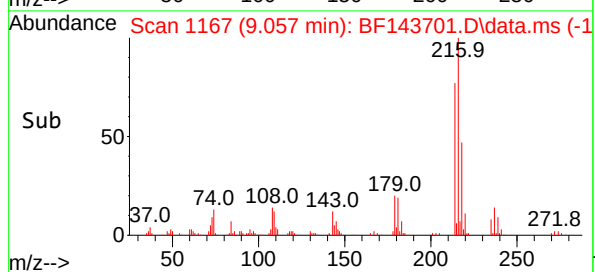
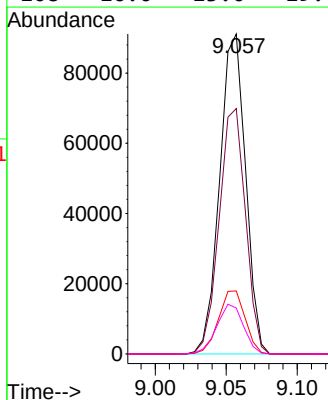
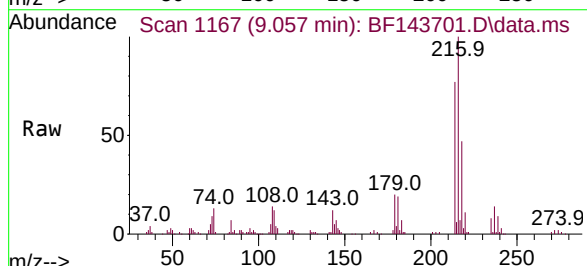
Ion Ratio Lower Upper

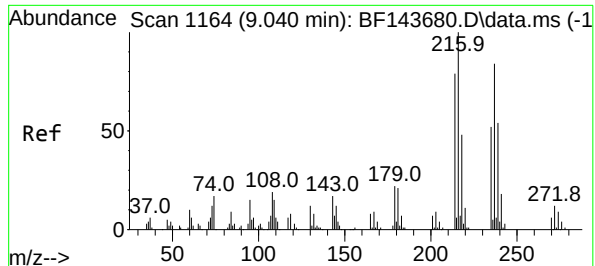
216 100

214 77.8 63.2 94.8

179 20.2 16.8 25.2

108 16.0 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 41.544 ng

RT: 9.045 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

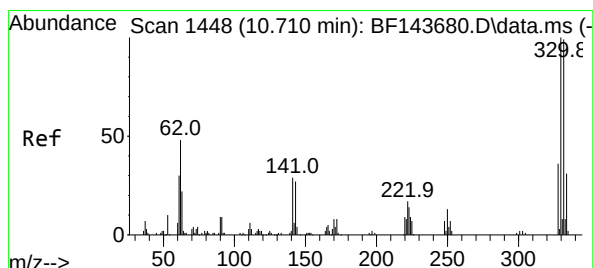
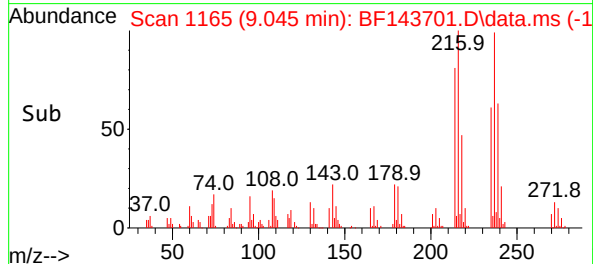
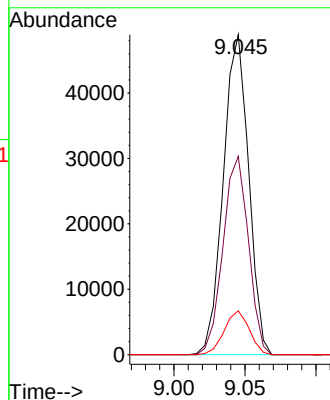
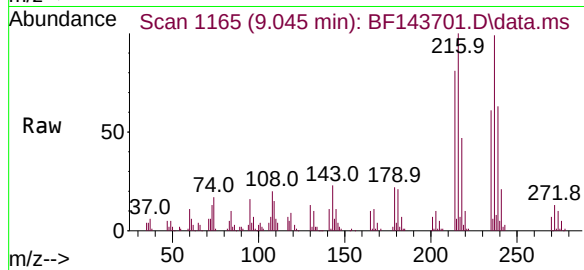
Tgt Ion:237 Resp: 60767

Ion Ratio Lower Upper

237 100

235 61.9 41.6 81.6

272 13.7 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 82.460 ng

RT: 10.722 min Scan# 1450

Delta R.T. 0.012 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

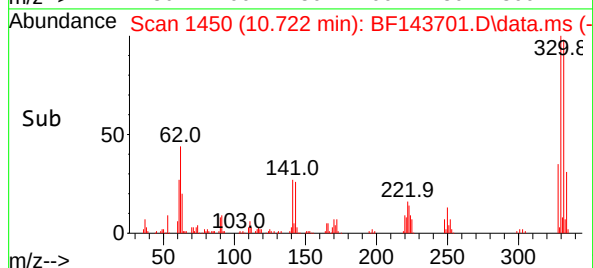
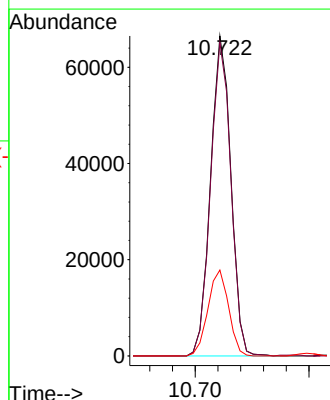
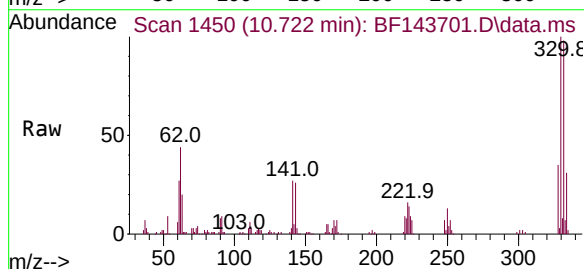
Tgt Ion:330 Resp: 82701

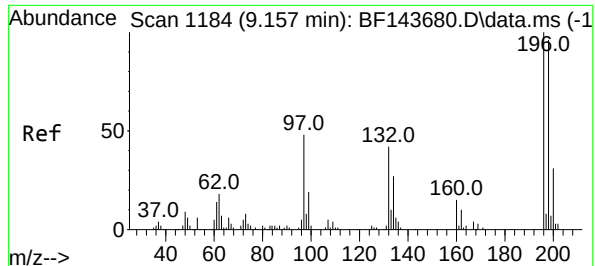
Ion Ratio Lower Upper

330 100

332 97.8 79.2 118.8

141 27.2 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 40.448 ng

RT: 9.163 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

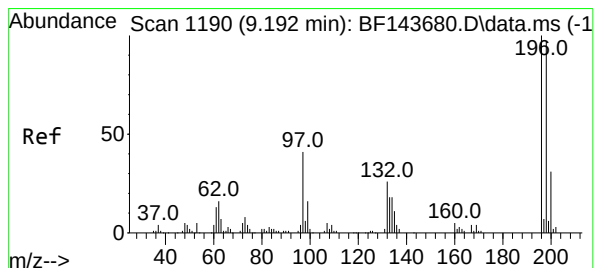
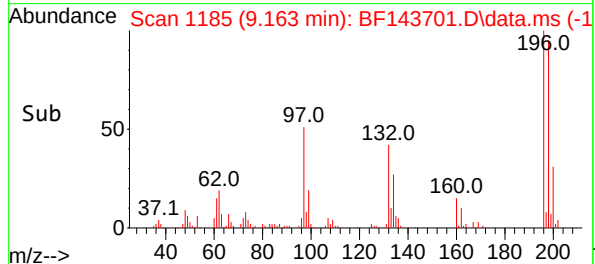
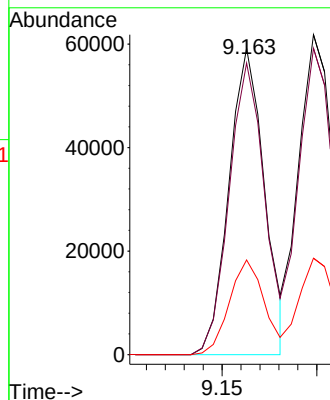
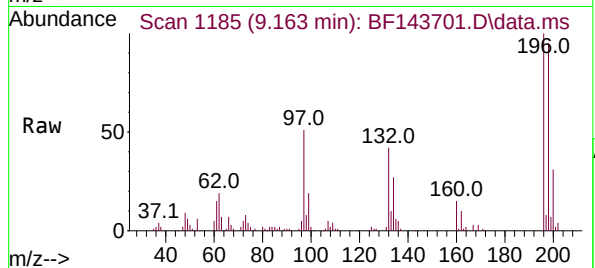
Tgt Ion:196 Resp: 76951

Ion Ratio Lower Upper

196 100

198 95.2 76.5 114.7

200 30.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 40.958 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Tgt Ion:196 Resp: 79214

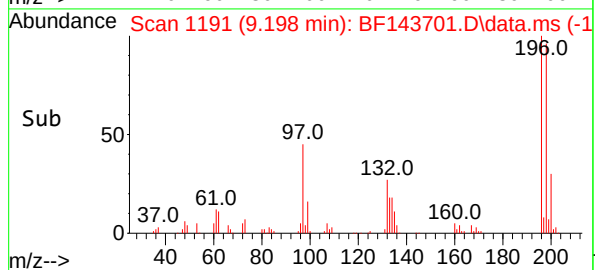
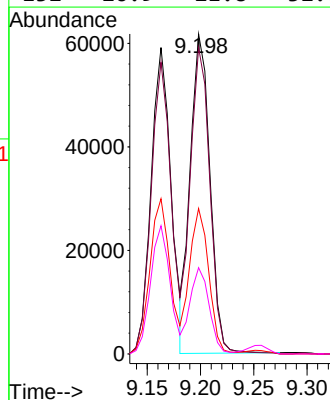
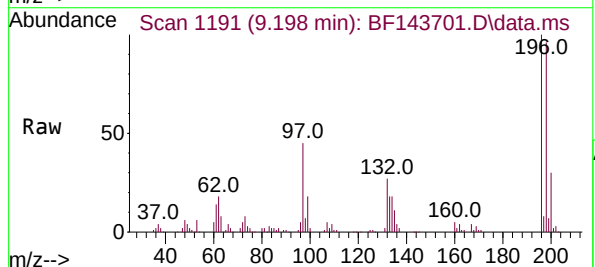
Ion Ratio Lower Upper

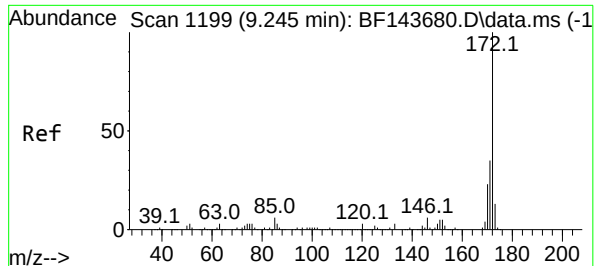
196 100

198 95.7 77.0 115.6

97 45.5 34.2 51.4

132 26.9 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 79.879 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

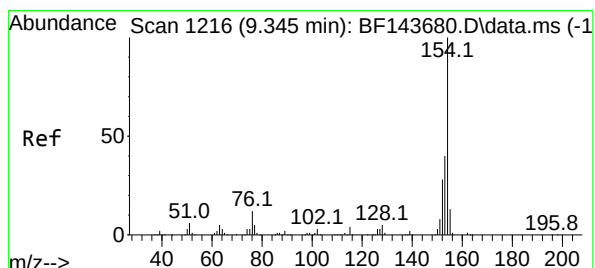
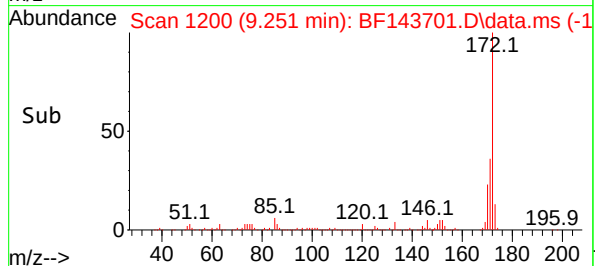
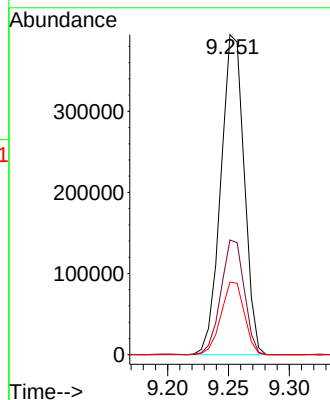
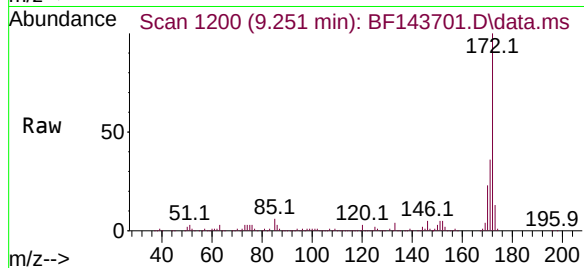
Tgt Ion:172 Resp: 526238

Ion Ratio Lower Upper

172 100

171 35.8 27.9 41.9

170 22.7 18.6 27.8



#46

1,1'-Biphenyl

Concen: 40.646 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.012 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

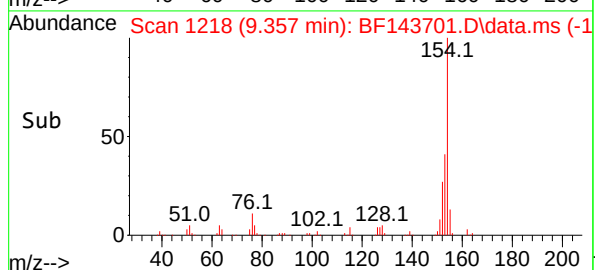
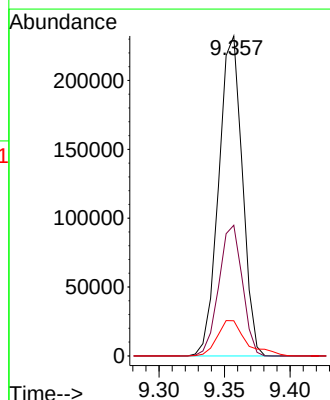
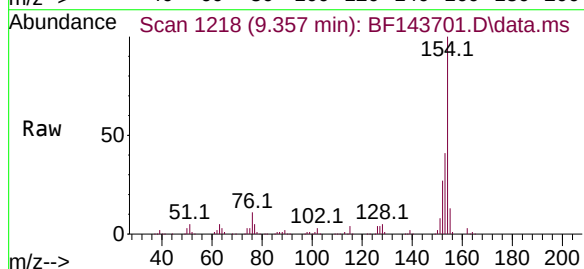
Tgt Ion:154 Resp: 291209

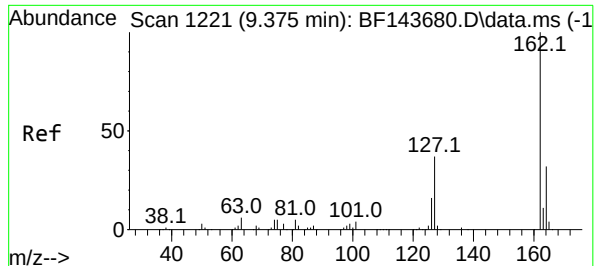
Ion Ratio Lower Upper

154 100

153 40.8 20.2 60.2

76 11.0 0.0 31.6





#47

2-Chloronaphthalene

Concen: 40.343 ng

RT: 9.381 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

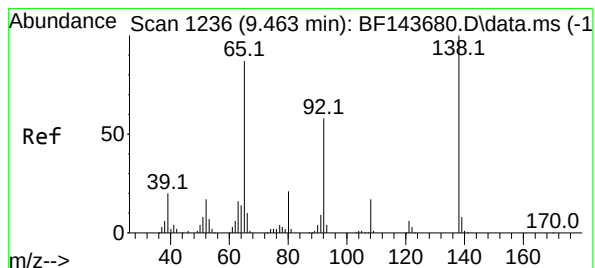
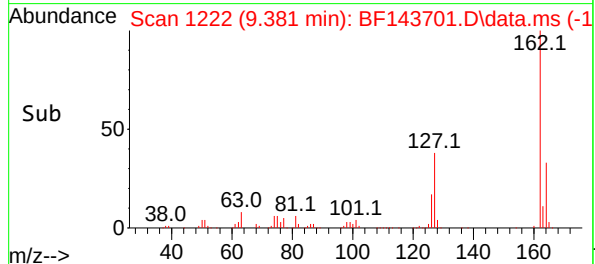
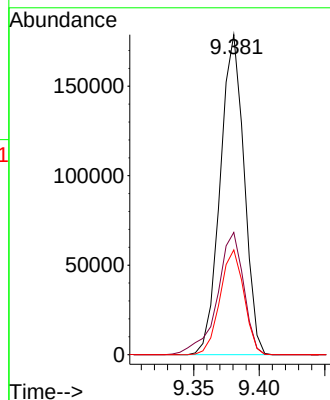
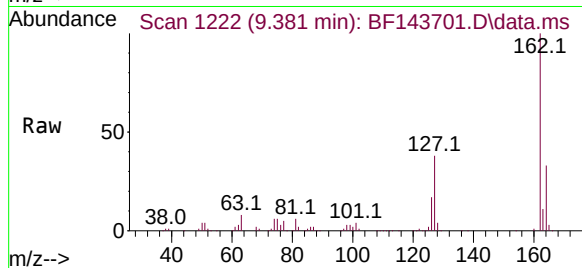
Tgt Ion:162 Resp: 226596

Ion Ratio Lower Upper

162 100

127 38.2 30.6 45.8

164 32.7 25.8 38.8



#48

2-Nitroaniline

Concen: 43.119 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

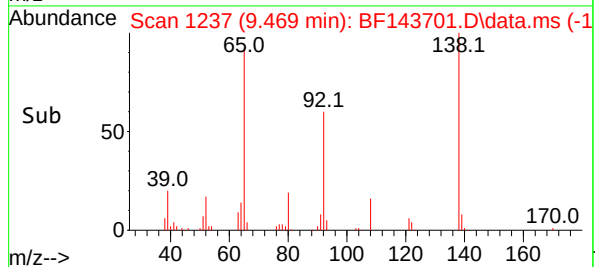
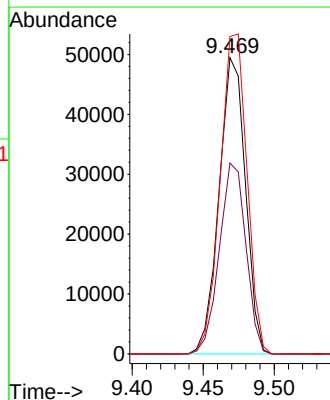
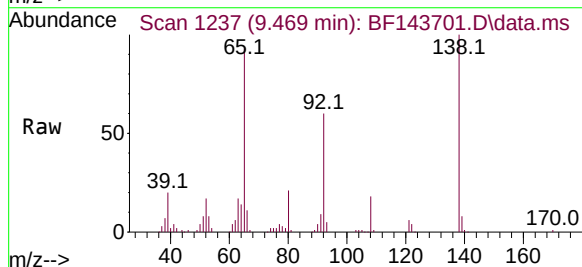
Tgt Ion: 65 Resp: 64092

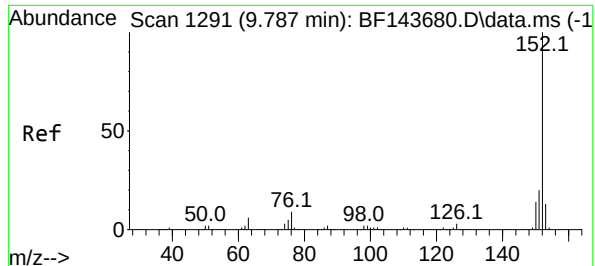
Ion Ratio Lower Upper

65 100

92 64.4 53.3 79.9

138 107.1 92.1 138.1





#49

Acenaphthylene

Concen: 40.488 ng

RT: 9.792 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BF143701.D

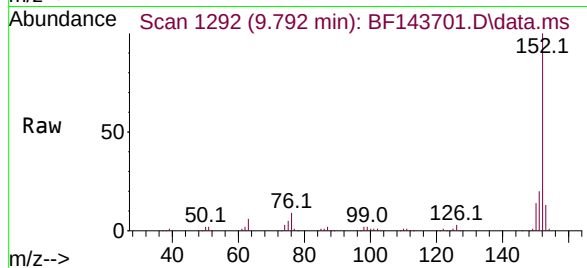
Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



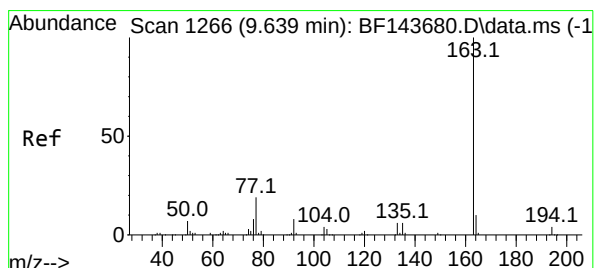
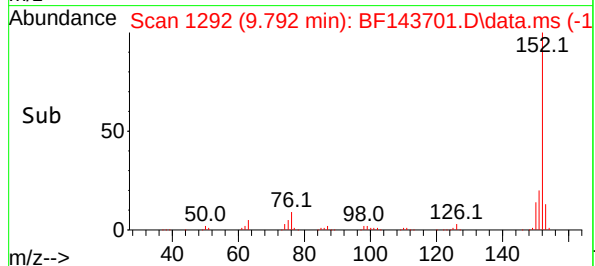
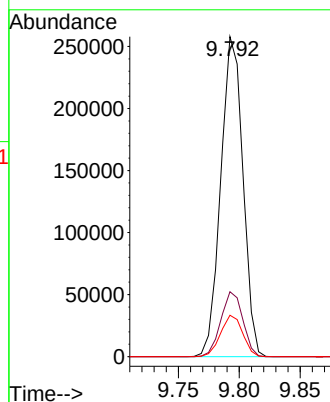
Tgt Ion:152 Resp: 325754

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 40.453 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.012 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

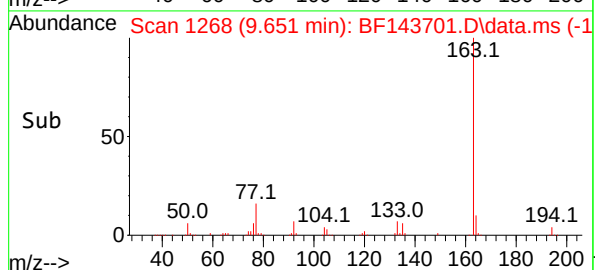
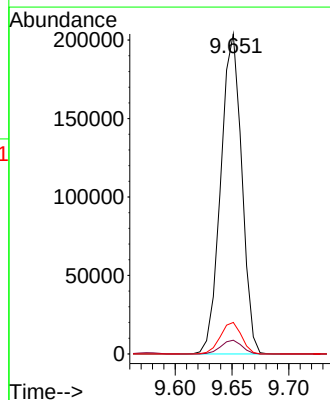
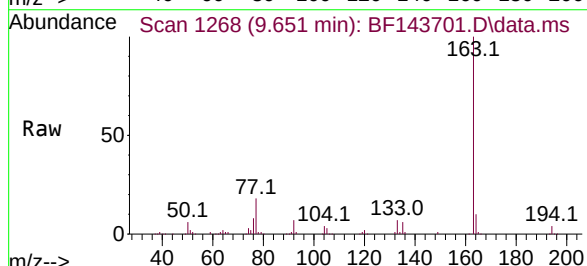
Tgt Ion:163 Resp: 261935

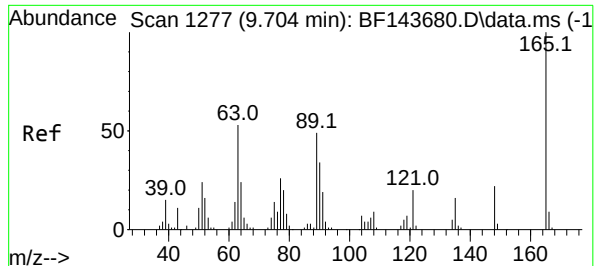
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.8 8.0 12.0

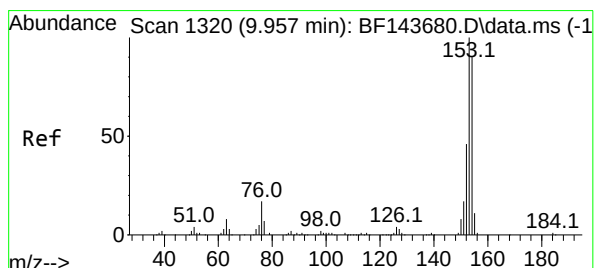
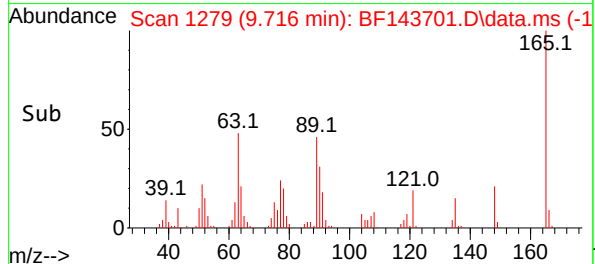
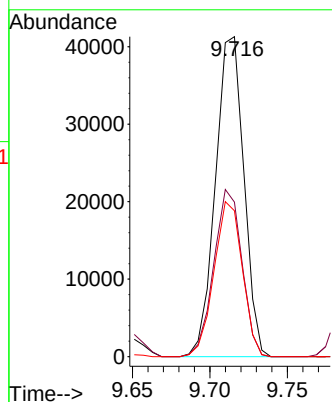
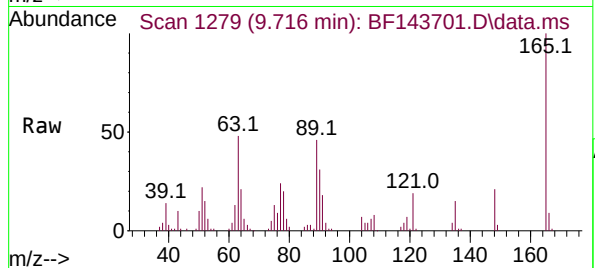




#51
2,6-Dinitrotoluene
Concen: 42.673 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

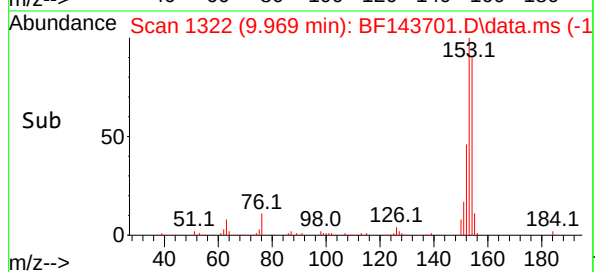
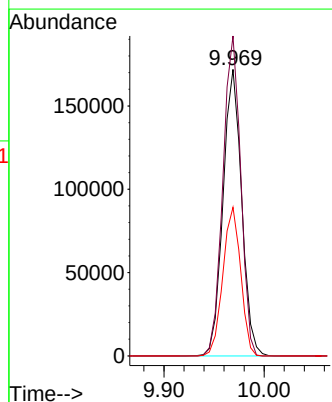
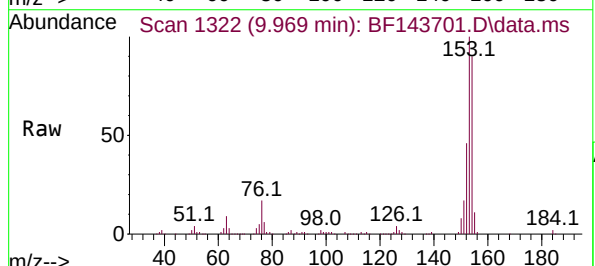
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

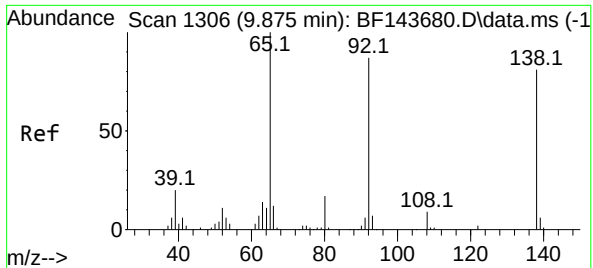
Tgt Ion:165 Resp: 52830
Ion Ratio Lower Upper
165 100
63 48.3 42.2 63.4
89 45.6 39.3 58.9



#52
Acenaphthene
Concen: 40.107 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:154 Resp: 222359
Ion Ratio Lower Upper
154 100
153 111.7 89.4 134.0
152 51.9 41.2 61.8

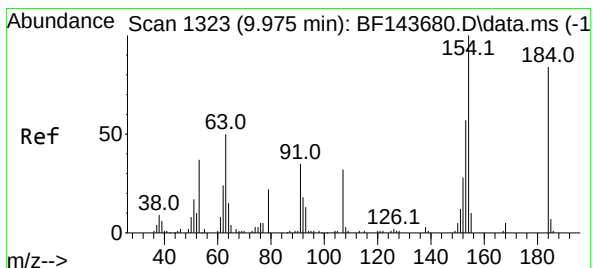
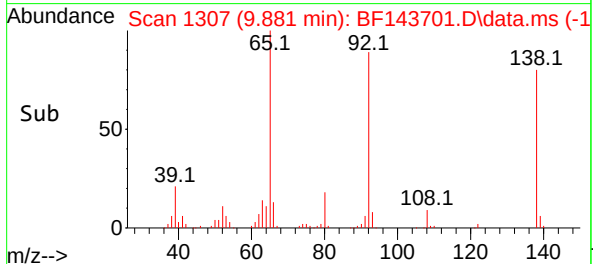
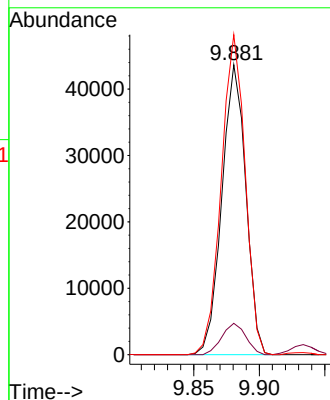
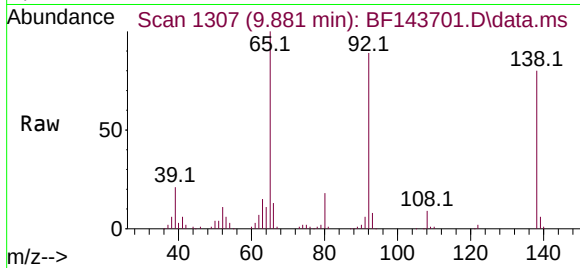




#53
3-Nitroaniline
Concen: 41.631 ng
RT: 9.881 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

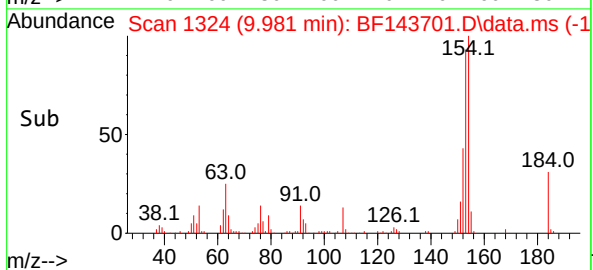
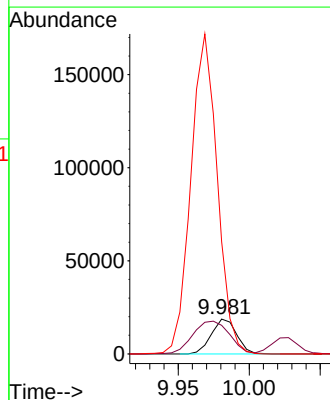
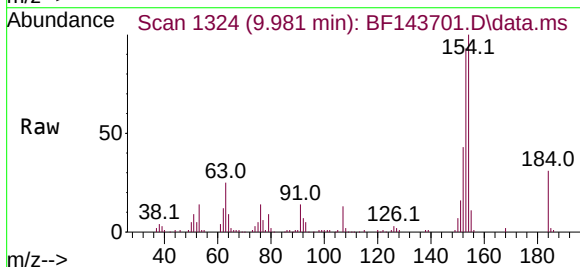
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

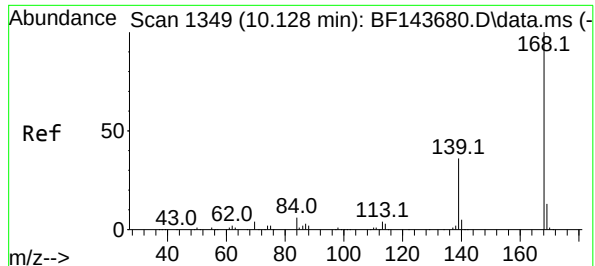
Tgt Ion:138 Resp: 55465
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 110.4 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 38.030 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:184 Resp: 23227
Ion Ratio Lower Upper
184 100
63 81.9 52.7 79.1#
154 322.1 136.6 204.8#





#55

Dibenzenofuran

Concen: 40.183 ng

RT: 10.139 min Scan# 1351

Delta R.T. 0.012 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

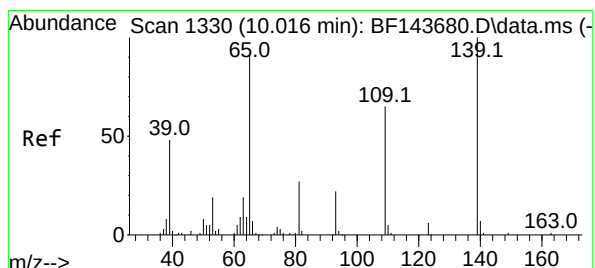
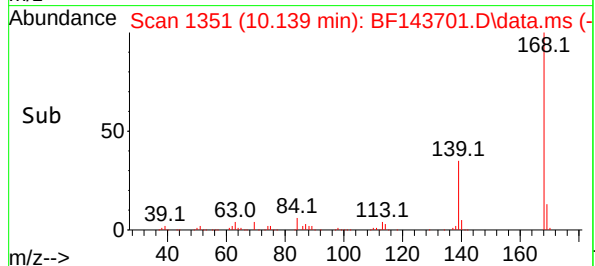
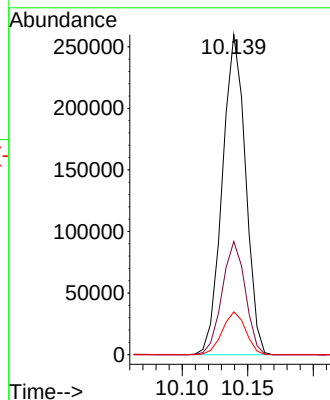
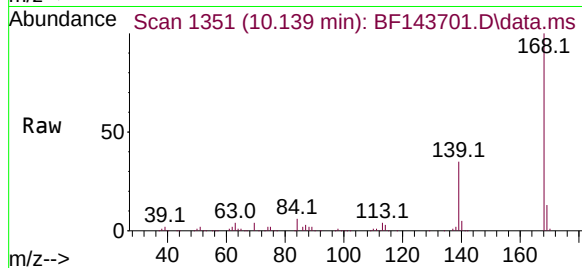
Tgt Ion:168 Resp: 320350

Ion Ratio Lower Upper

168 100

139 35.3 29.0 43.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 41.418 ng

RT: 10.028 min Scan# 1332

Delta R.T. 0.012 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

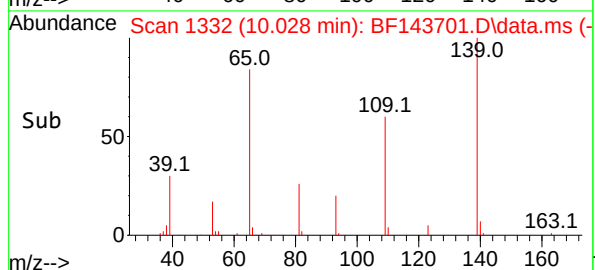
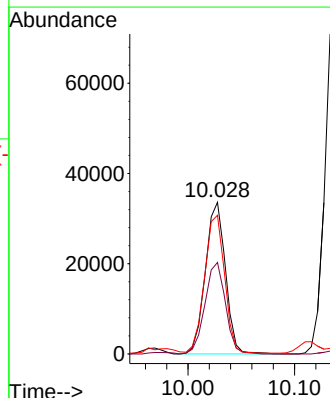
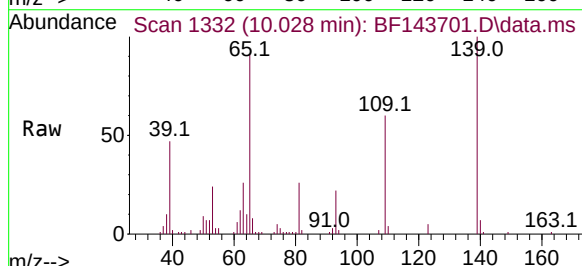
Tgt Ion:139 Resp: 43900

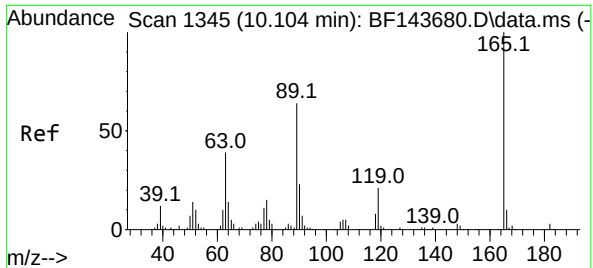
Ion Ratio Lower Upper

139 100

109 60.3 45.2 85.2

65 91.4 72.1 112.1

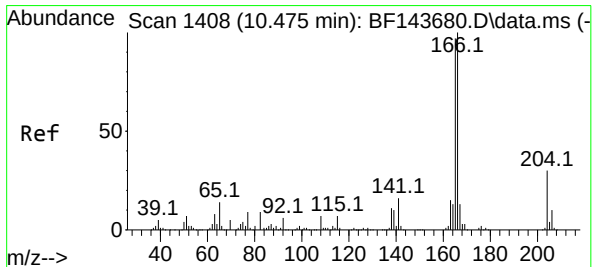
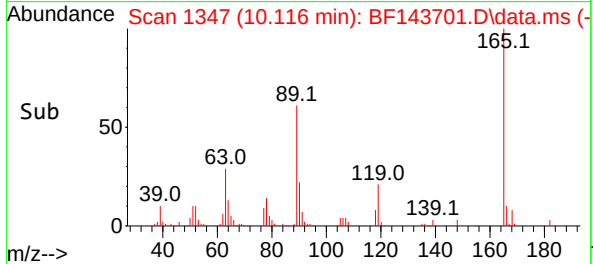
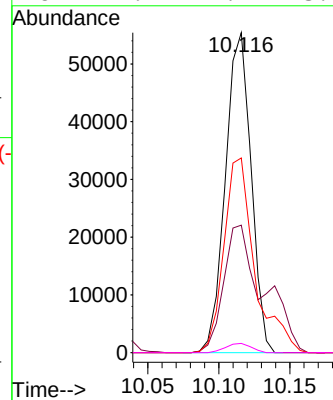
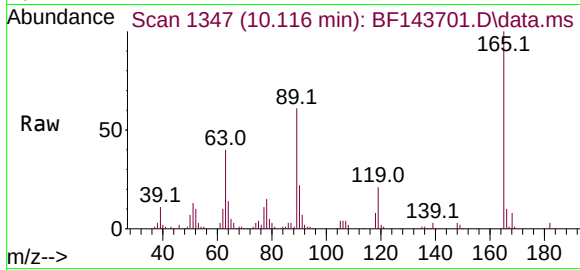




#57
2,4-Dinitrotoluene
Concen: 41.430 ng
RT: 10.116 min Scan# 1345
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

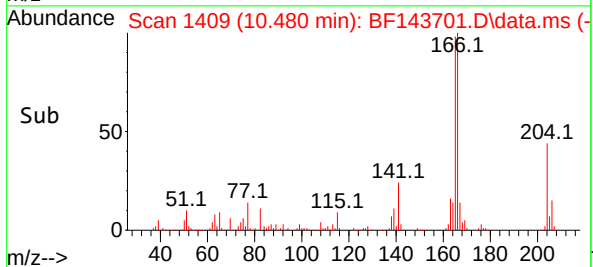
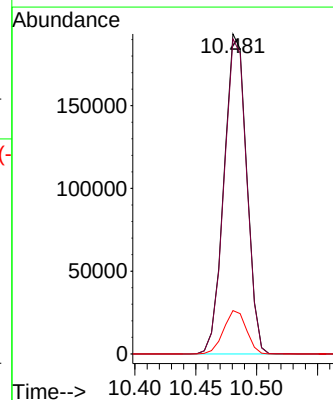
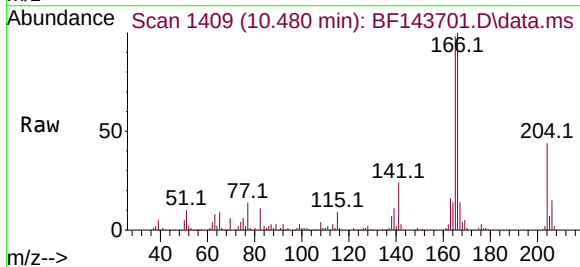
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

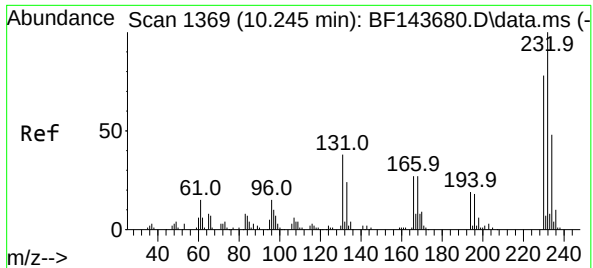
Tgt Ion:165 Resp: 69807
Ion Ratio Lower Upper
165 100
63 39.8 31.5 47.3
89 60.8 51.3 76.9
182 2.9 2.2 3.4



#58
Fluorene
Concen: 40.159 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:166 Resp: 250616
Ion Ratio Lower Upper
166 100
165 98.4 77.5 116.3
167 13.5 10.2 15.2

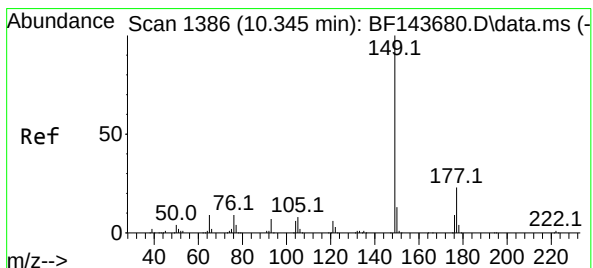
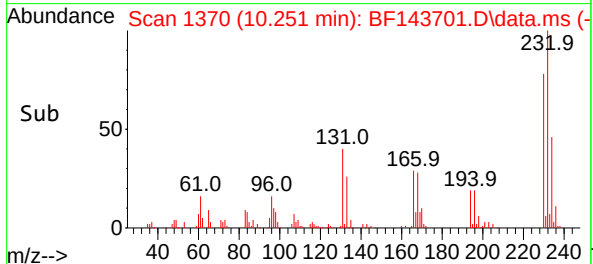
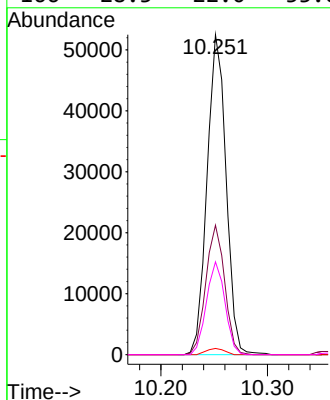
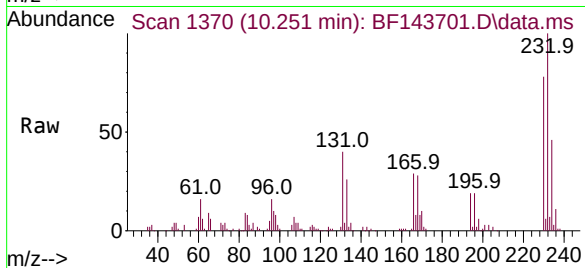




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.492 ng
RT: 10.251 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

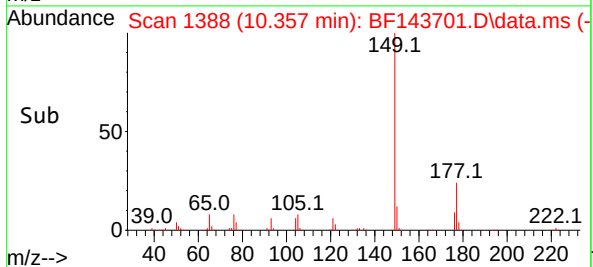
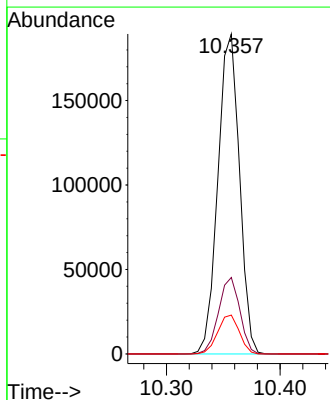
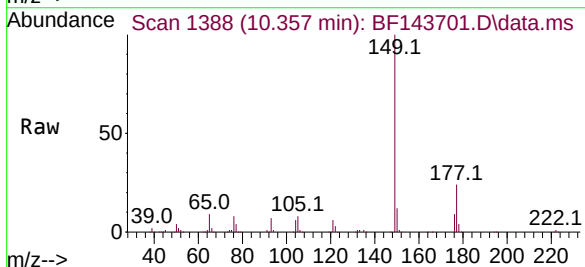
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

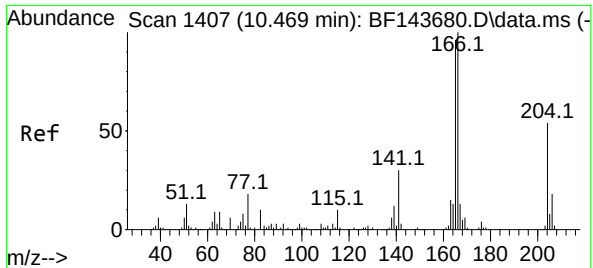
Tgt Ion:232 Resp: 65069
Ion Ratio Lower Upper
232 100
131 40.1 31.9 47.9
130 1.8 1.4 2.0
166 28.3 22.0 33.0



#60
Diethylphthalate
Concen: 41.075 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:149 Resp: 249694
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.2
150 12.1 10.0 15.0

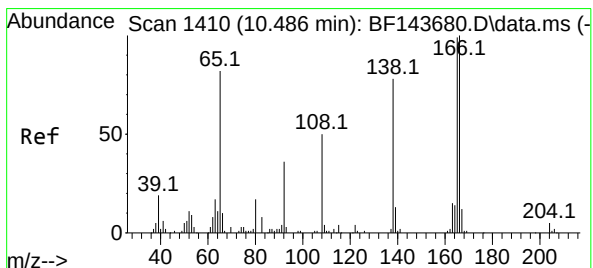
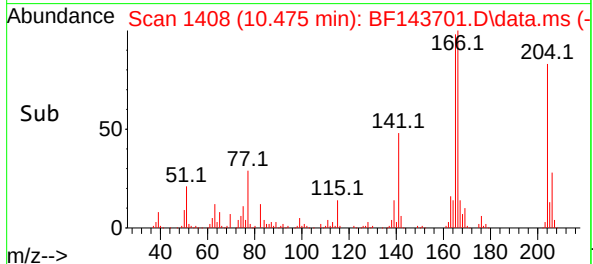
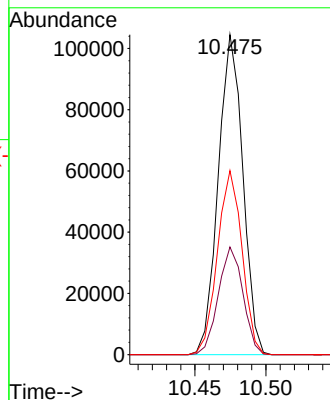
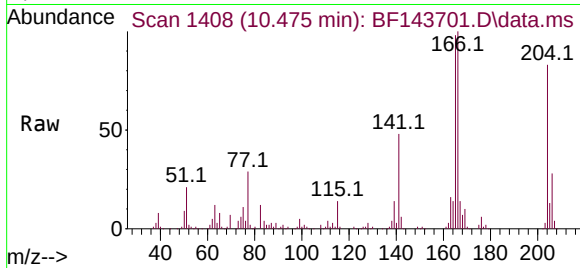




#61
4-Chlorophenyl-phenylether
Concen: 39.840 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

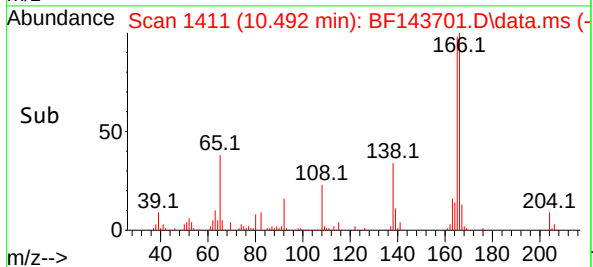
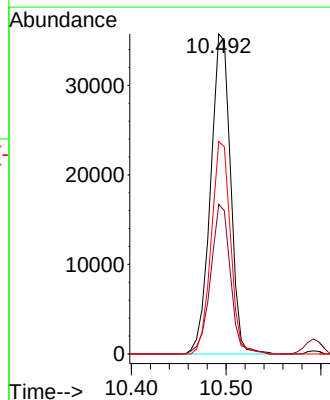
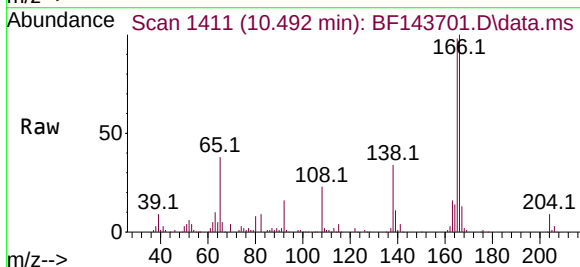
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

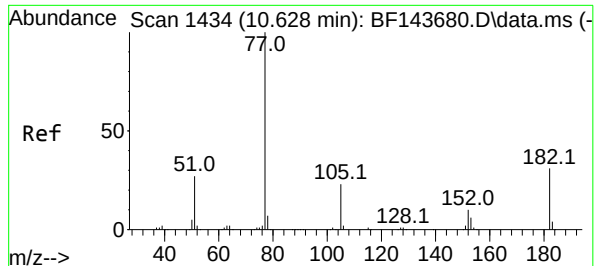
Tgt Ion:204 Resp: 126091
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 57.5 44.8 67.2



#62
4-Nitroaniline
Concen: 41.443 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:138 Resp: 52294
Ion Ratio Lower Upper
138 100
92 46.7 26.4 66.4
108 66.4 44.3 84.3

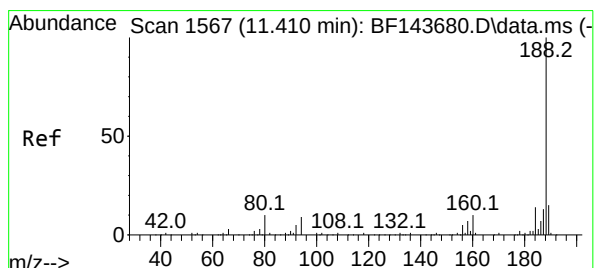
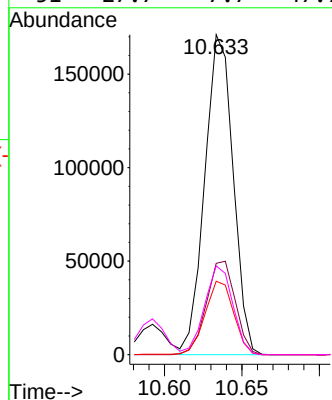
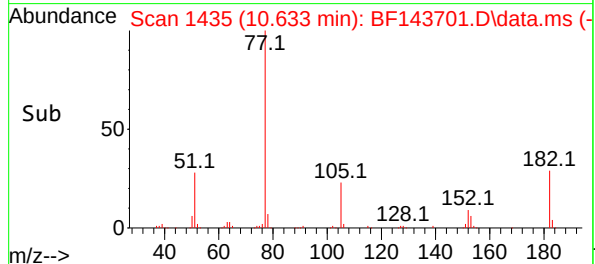
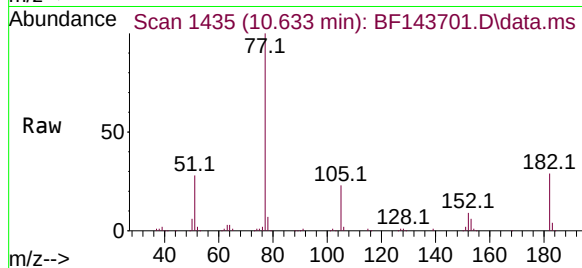




#63
Azobenzene
Concen: 40.634 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

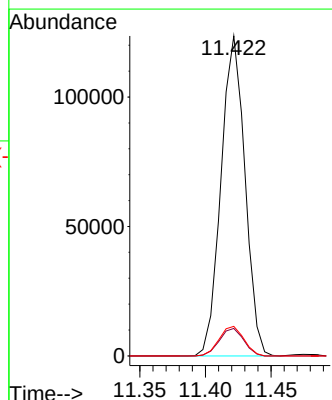
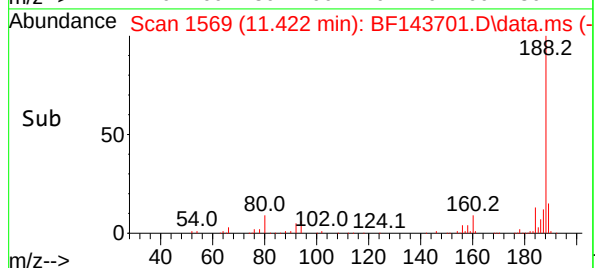
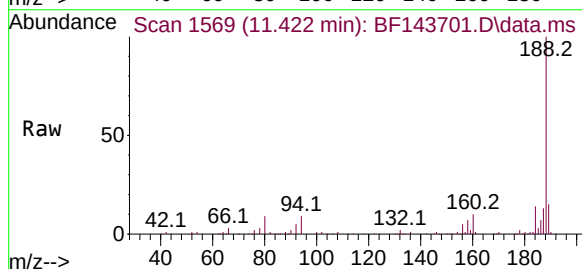
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

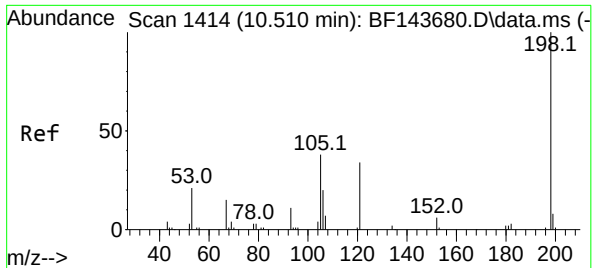
Tgt Ion: 77 Resp: 218370
Ion Ratio Lower Upper
77 100
182 28.5 10.8 50.8
105 22.9 3.2 43.2
51 27.7 7.7 47.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:188 Resp: 157461
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.3 7.7 11.5

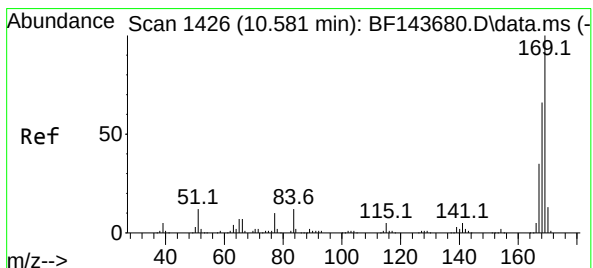
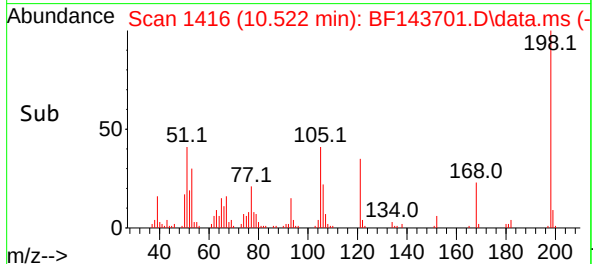
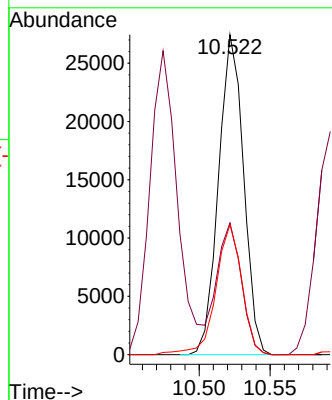
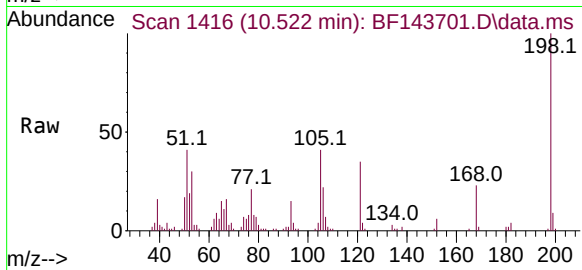




#65
4,6-Dinitro-2-methylphenol
Concen: 41.942 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

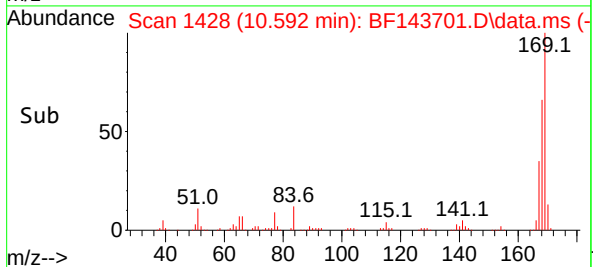
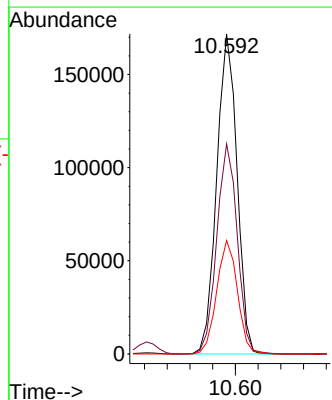
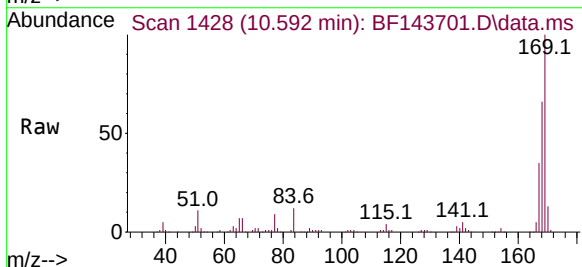
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

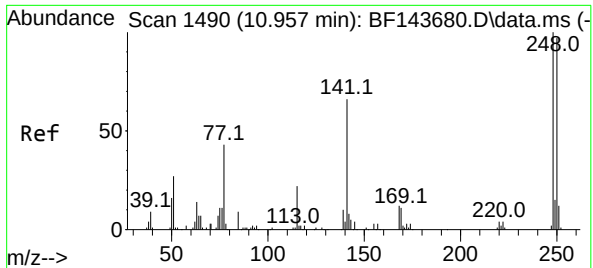
Tgt Ion:198 Resp: 33625
Ion Ratio Lower Upper
198 100
51 41.2 21.2 61.2
105 40.7 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 41.274 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:169 Resp: 212910
Ion Ratio Lower Upper
169 100
168 65.6 53.0 79.6
167 35.4 28.1 42.1

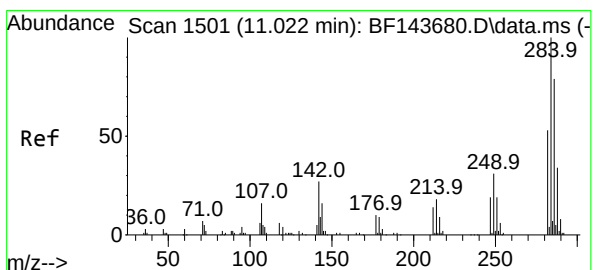
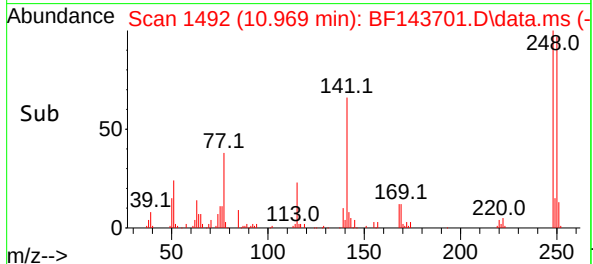
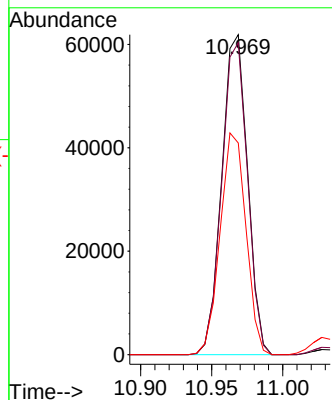
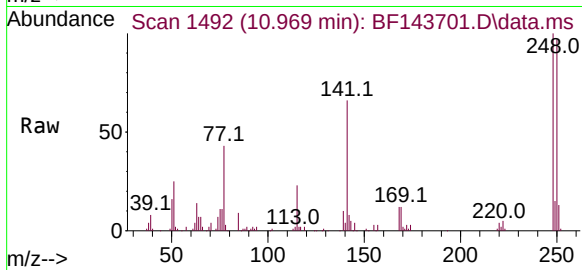




#67
4-Bromophenyl-phenylether
Concen: 41.229 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

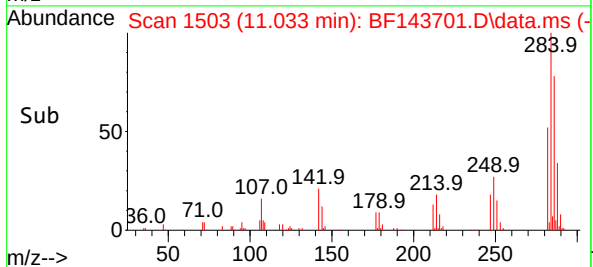
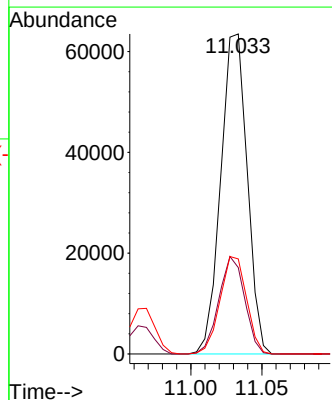
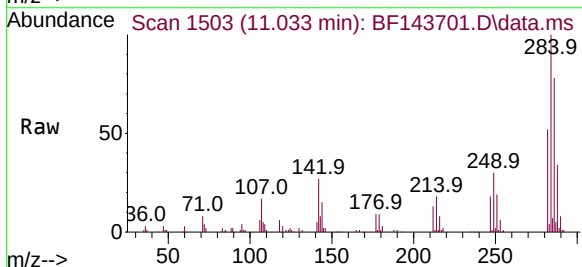
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

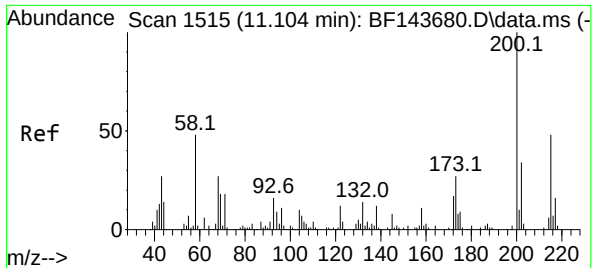
Tgt Ion:248 Resp: 78287
Ion Ratio Lower Upper
248 100
250 97.5 77.5 116.3
141 66.1 52.6 79.0



#68
Hexachlorobenzene
Concen: 41.051 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:284 Resp: 82307
Ion Ratio Lower Upper
284 100
142 27.0 21.3 31.9
249 29.7 25.0 37.4





#69

Atrazine

Concen: 42.049 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

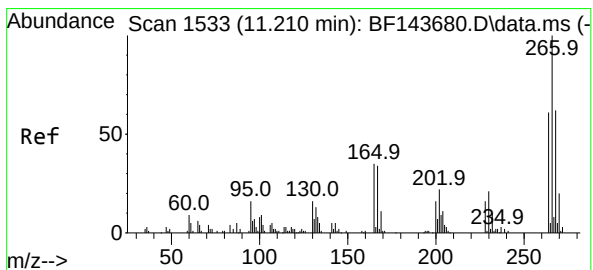
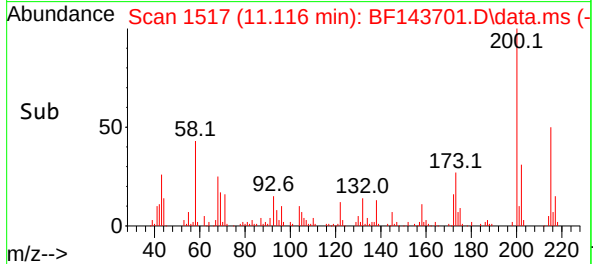
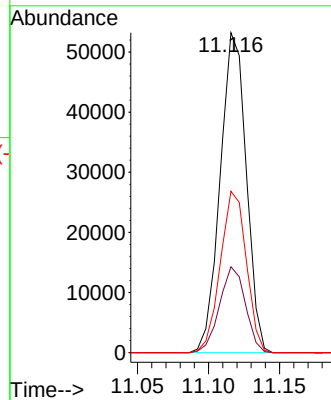
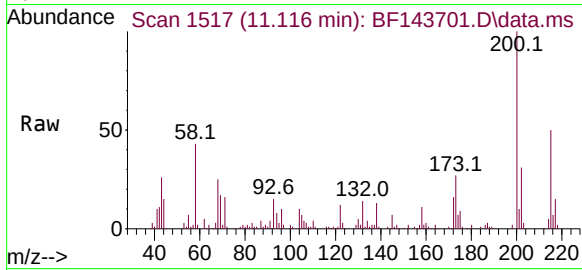
Tgt Ion:200 Resp: 68010

Ion Ratio Lower Upper

200 100

173 26.9 7.3 47.3

215 50.4 28.5 68.5



#70

Pentachlorophenol

Concen: 41.320 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

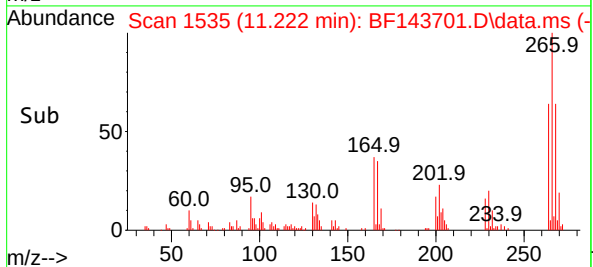
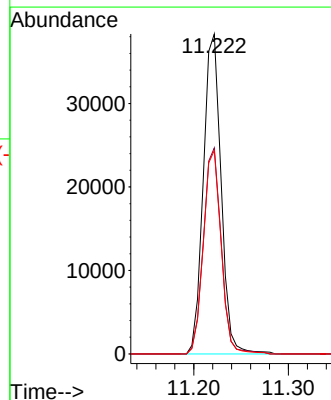
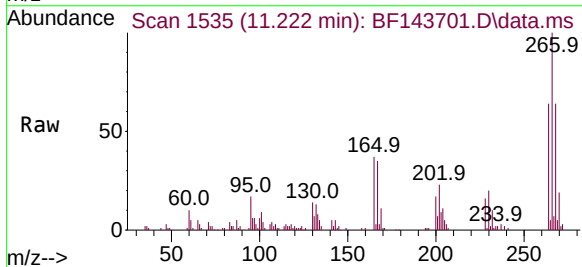
Tgt Ion:266 Resp: 50081

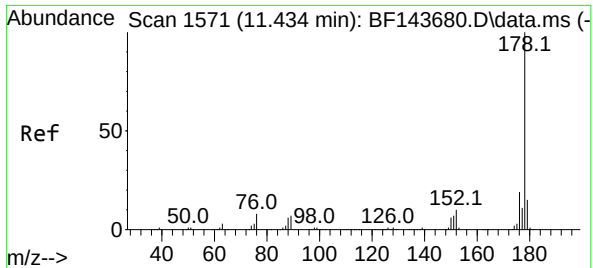
Ion Ratio Lower Upper

266 100

268 64.4 49.2 73.8

264 63.6 48.6 73.0

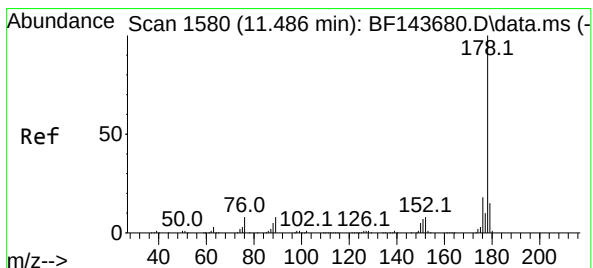
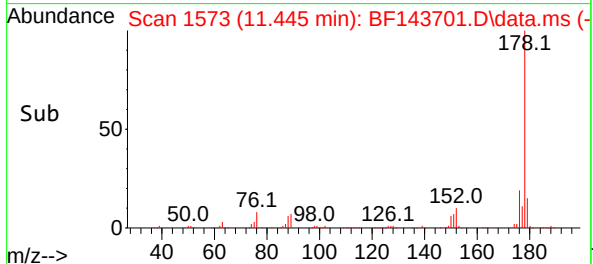
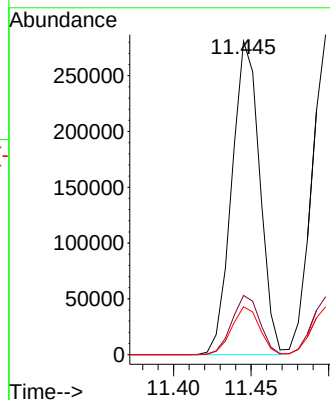
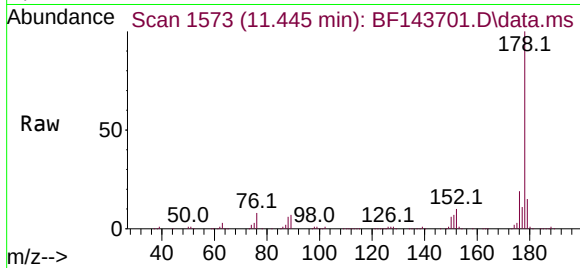




#71
Phenanthrene
Concen: 40.510 ng
RT: 11.445 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

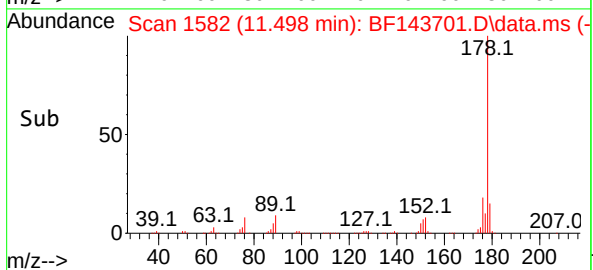
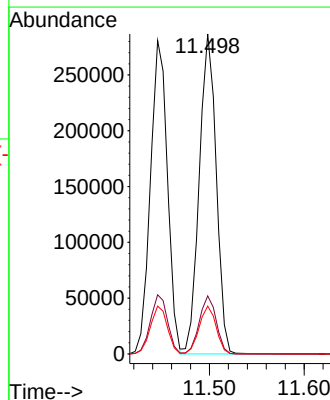
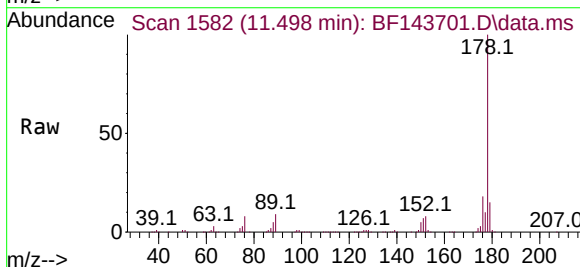
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

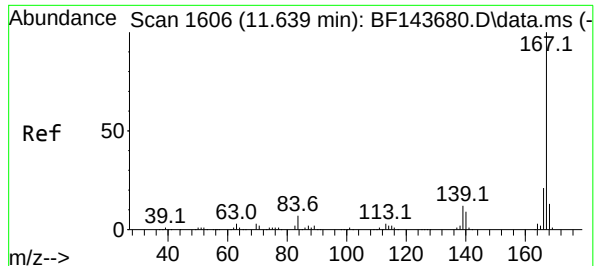
Tgt Ion:178 Resp: 351461
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.3 12.2 18.2



#72
Anthracene
Concen: 40.917 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:178 Resp: 356949
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 14.9 12.2 18.2

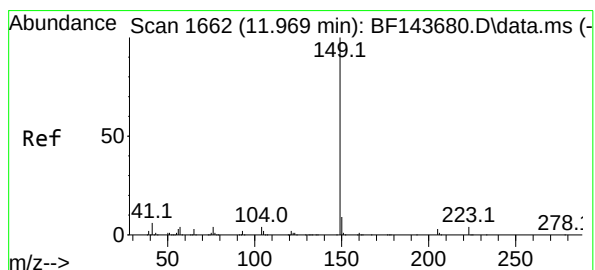
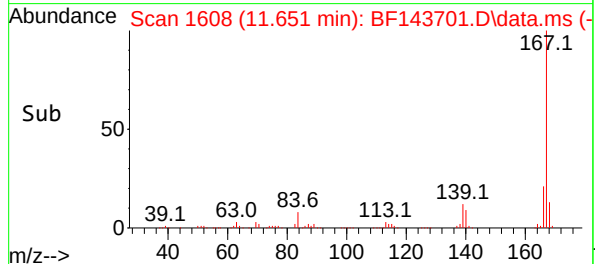
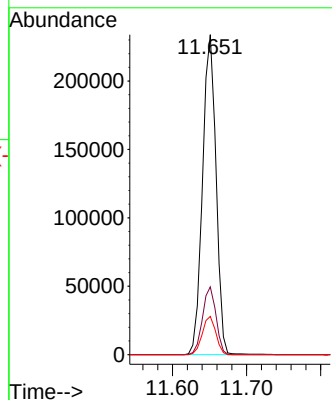
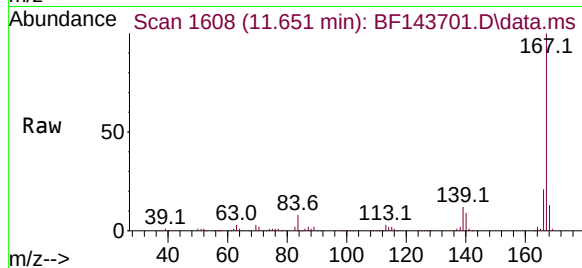




#73
 Carbazole
 Concen: 41.343 ng
 RT: 11.651 min Scan# 1608
 Delta R.T. 0.012 min
 Lab File: BF143701.D
 Acq: 11 Sep 2025 12:31

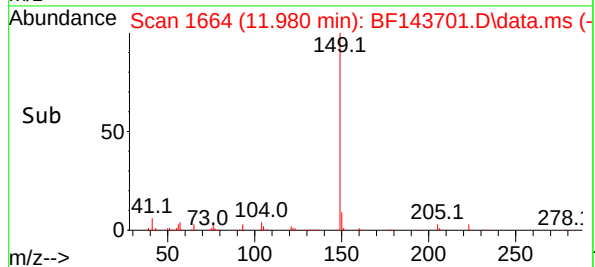
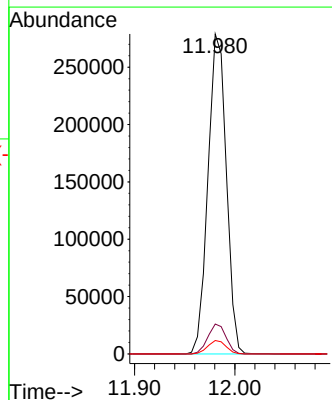
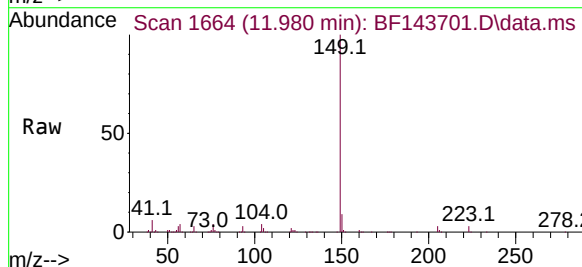
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

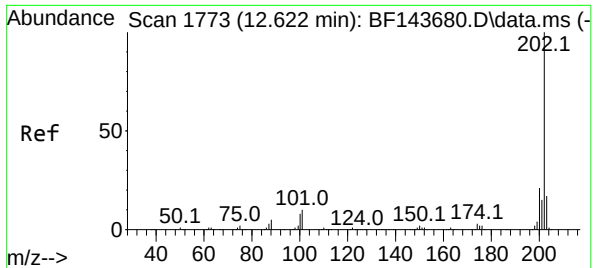
Tgt Ion:167 Resp: 295368
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 11.9 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 41.204 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. 0.012 min
 Lab File: BF143701.D
 Acq: 11 Sep 2025 12:31

Tgt Ion:149 Resp: 354409
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.2 3.3 4.9

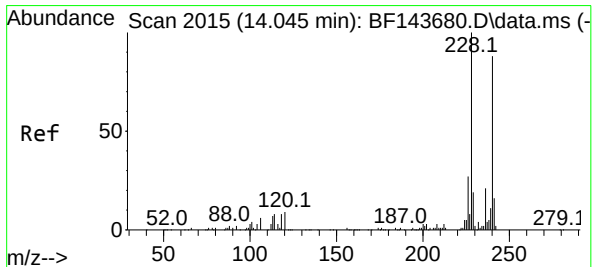
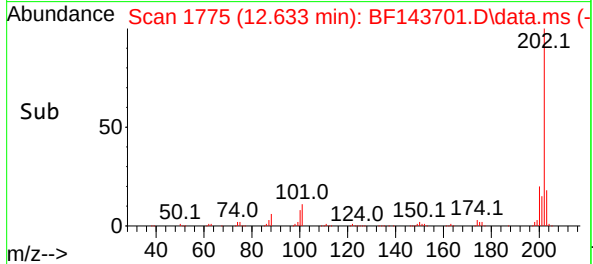
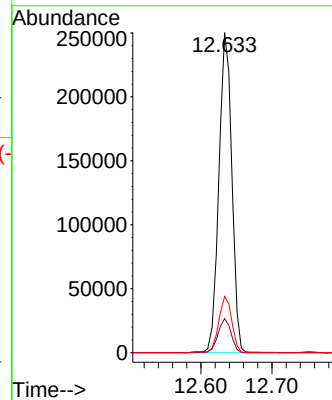
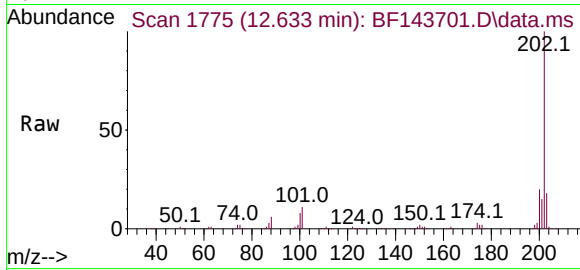




#75
Fluoranthene
Concen: 39.880 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

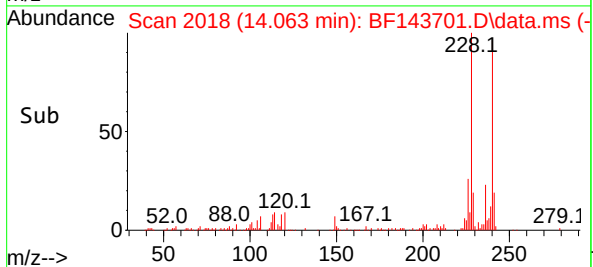
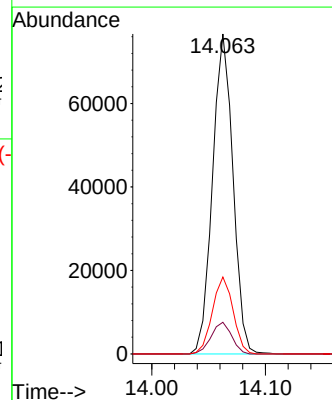
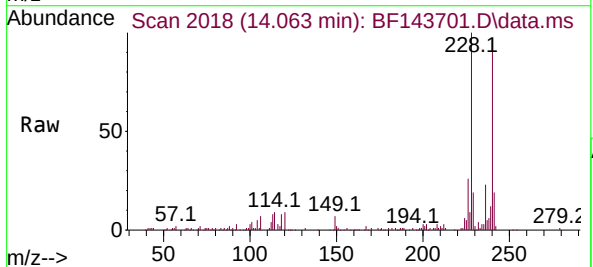
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

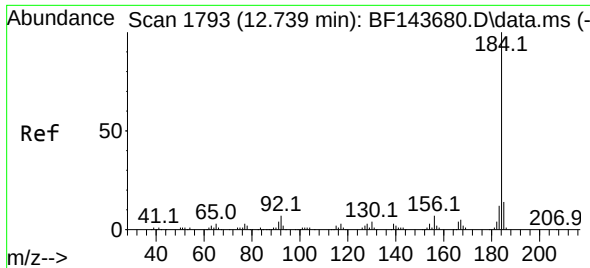
Tgt Ion:202 Resp: 317627
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.5
203 17.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:240 Resp: 95771
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 24.0 18.6 28.0





#77

Benzidine

Concen: 41.025 ng

RT: 12.757 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF143701.D

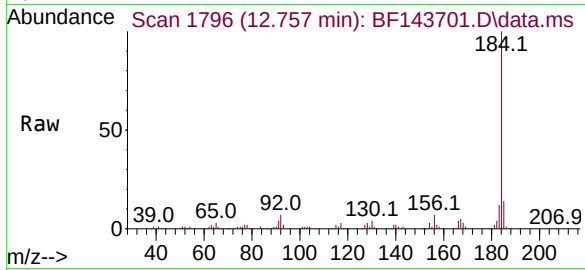
Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



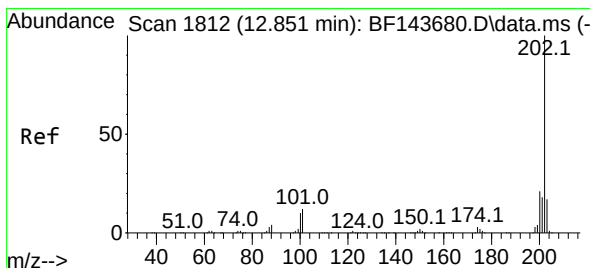
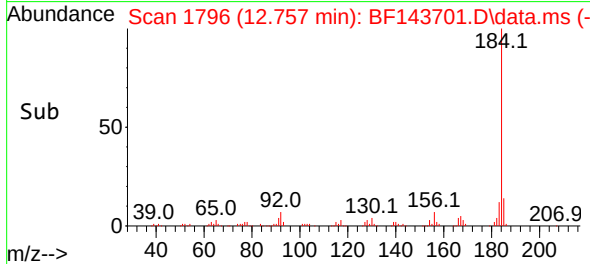
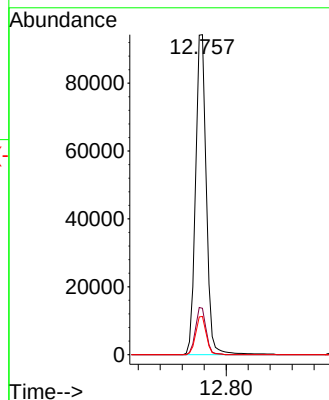
Tgt Ion:184 Resp: 128125

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.9 9.4 14.2



#78

Pyrene

Concen: 41.219 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.012 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

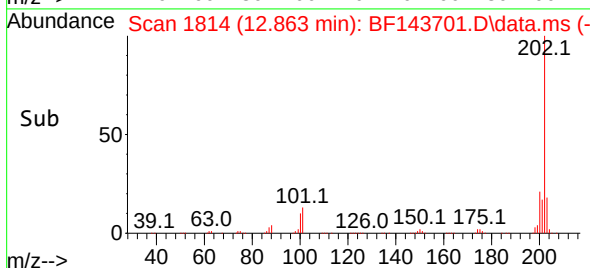
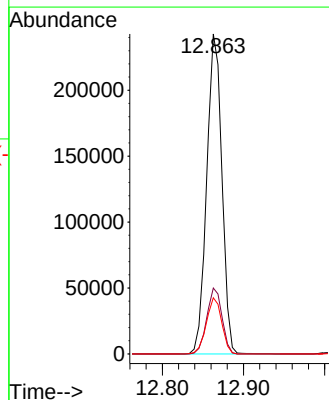
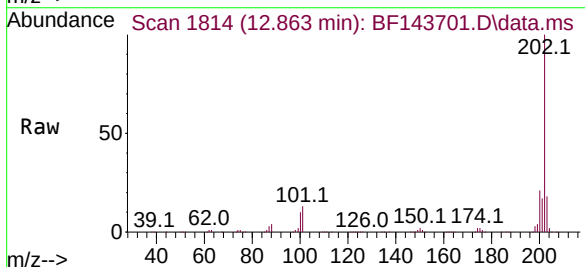
Tgt Ion:202 Resp: 315626

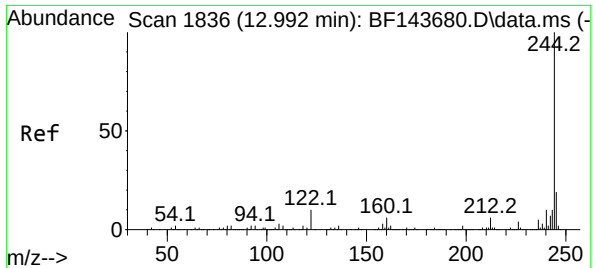
Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

203 17.5 13.5 20.3

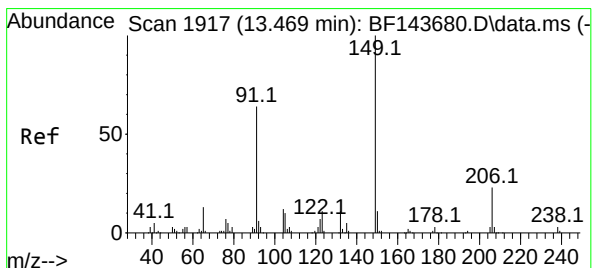
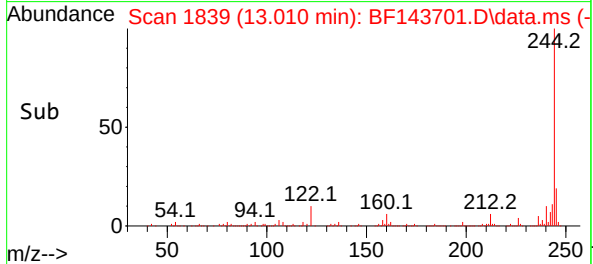
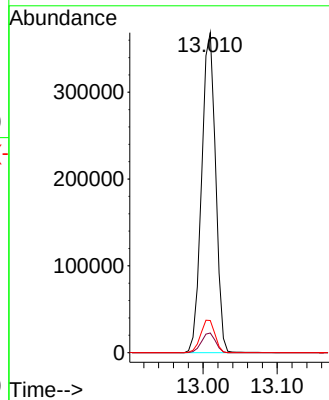
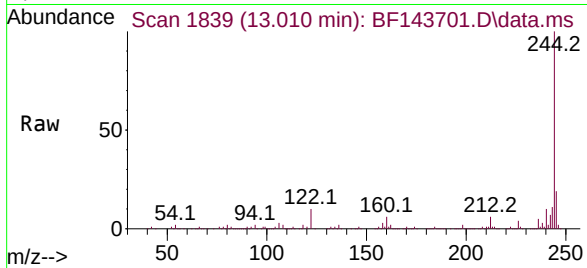




#79
Terphenyl-d14
Concen: 81.532 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.018 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

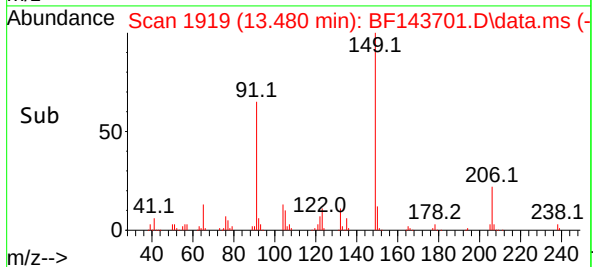
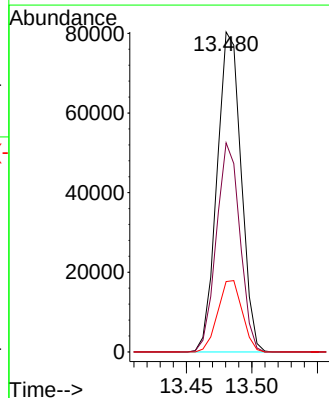
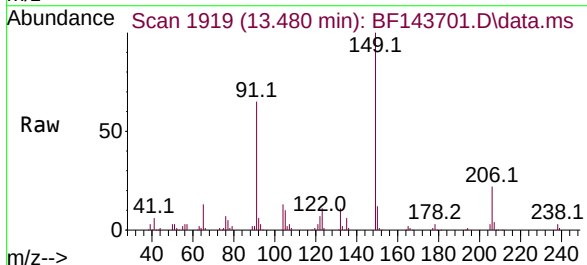
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

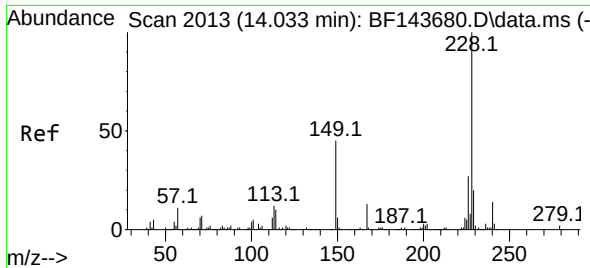
Tgt Ion:244 Resp: 481847
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.6
122 10.0 7.9 11.9



#80
Butylbenzylphthalate
Concen: 42.833 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:149 Resp: 102764
Ion Ratio Lower Upper
149 100
91 65.3 50.9 76.3
206 22.0 18.2 27.2

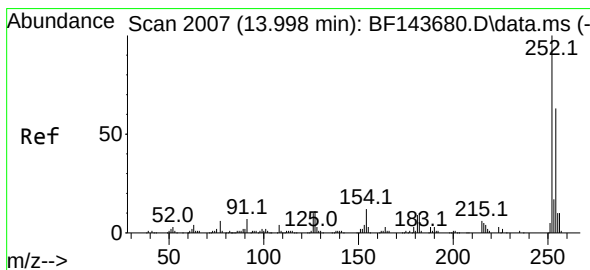
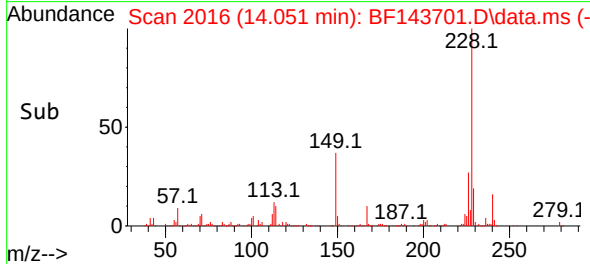
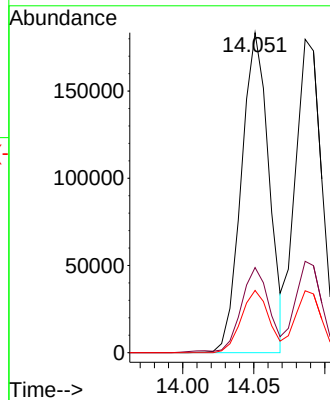
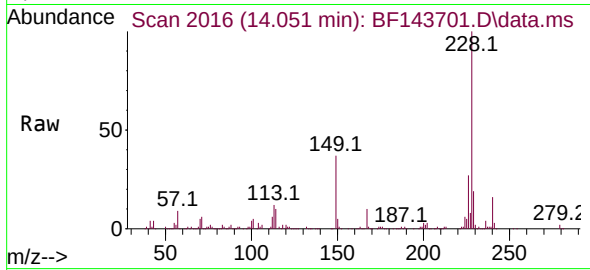




#81
Benzo(a)anthracene
Concen: 40.240 ng
RT: 14.051 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

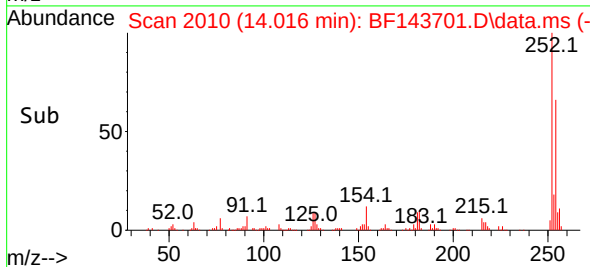
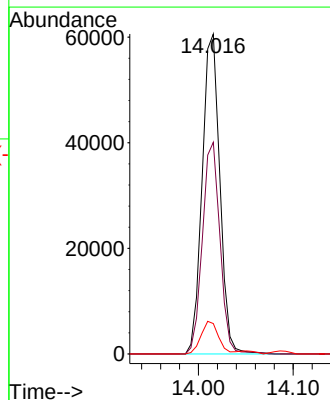
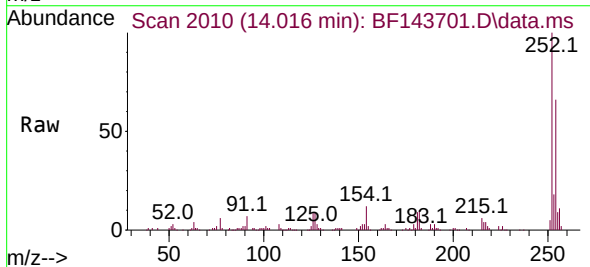
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

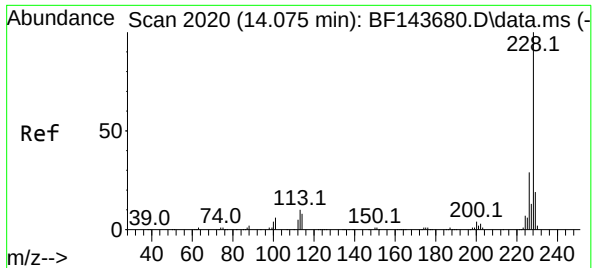
Tgt Ion:228 Resp: 247929
Ion Ratio Lower Upper
228 100
226 26.6 21.6 32.4
229 19.4 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 41.432 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:252 Resp: 78535
Ion Ratio Lower Upper
252 100
254 66.1 50.5 75.7
126 9.5 8.2 12.4

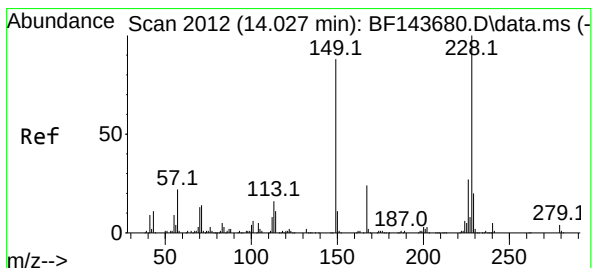
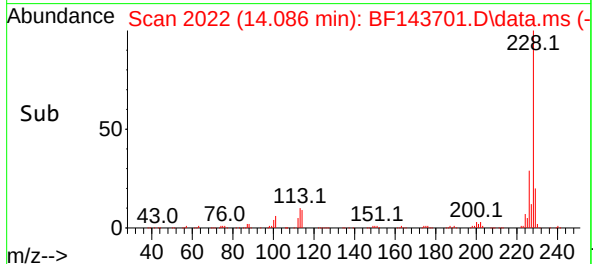
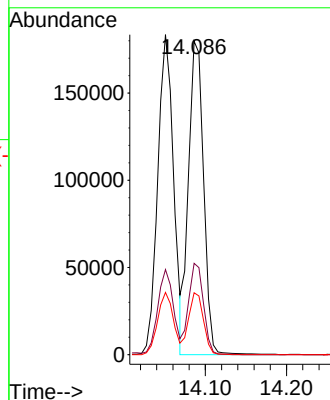
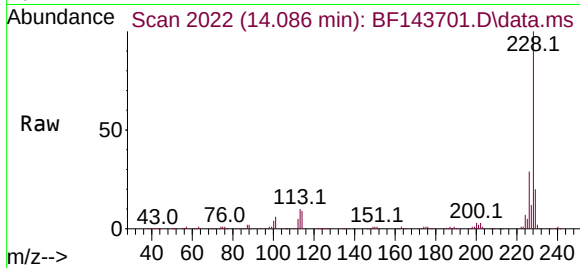




#83
Chrysene
Concen: 41.270 ng
RT: 14.086 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

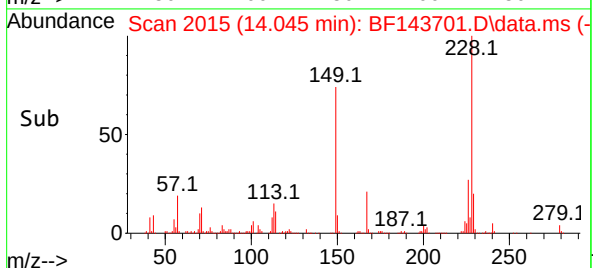
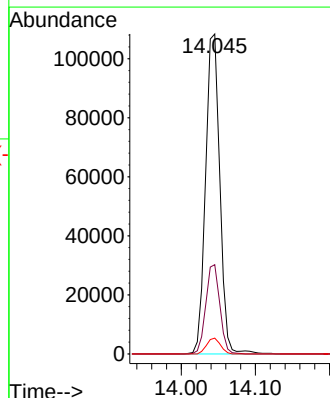
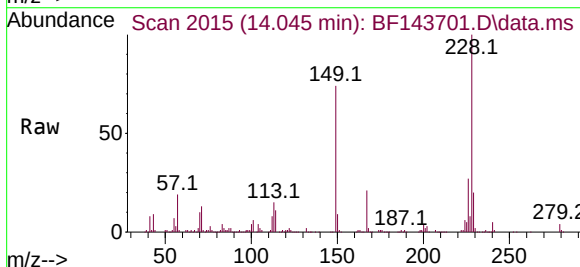
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

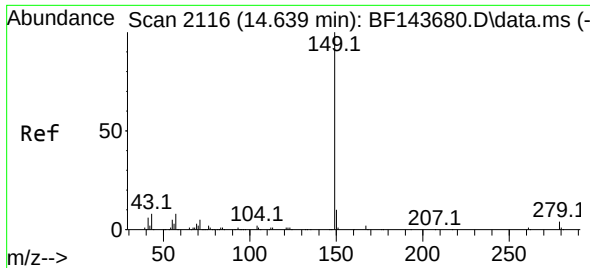
Tgt Ion:228 Resp: 232887
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 19.7 15.1 22.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.284 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.018 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion:149 Resp: 144744
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.2
279 4.9 3.5 5.3

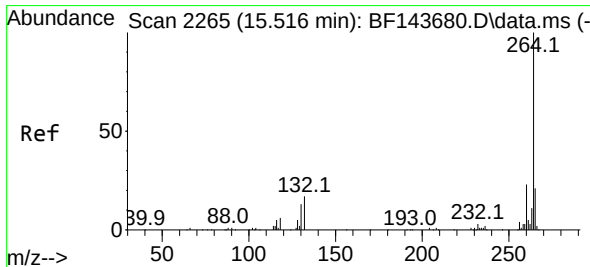
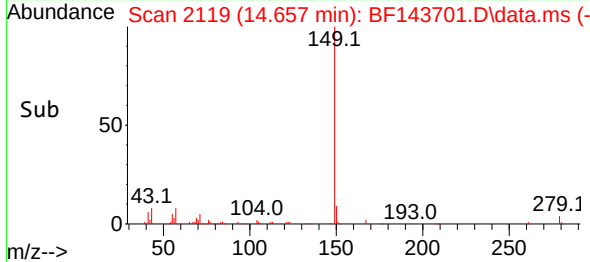
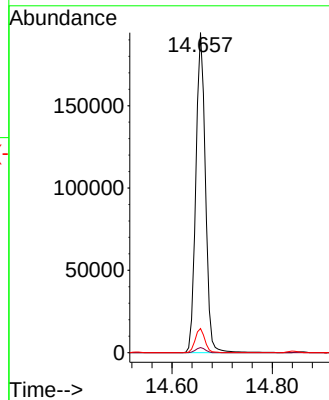
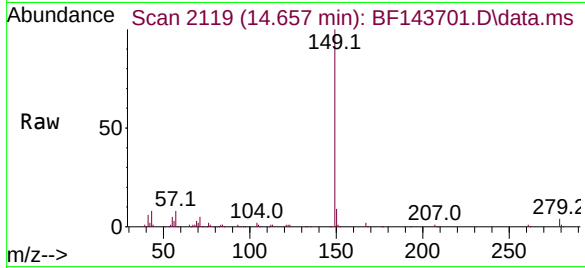




#85
Di-n-octyl phthalate
Concen: 41.746 ng
RT: 14.657 min Scan# 2116
Delta R.T. 0.018 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

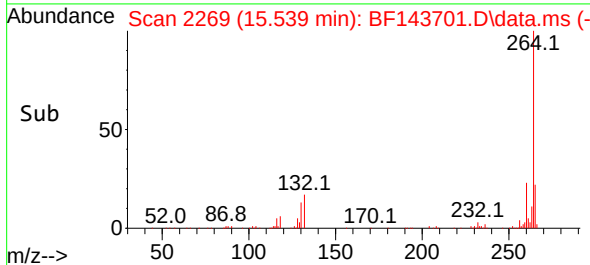
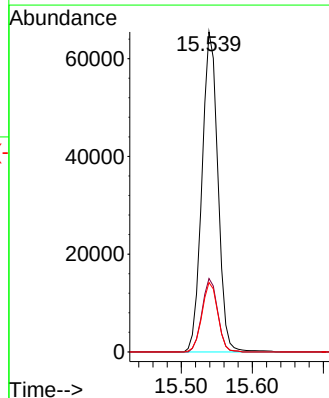
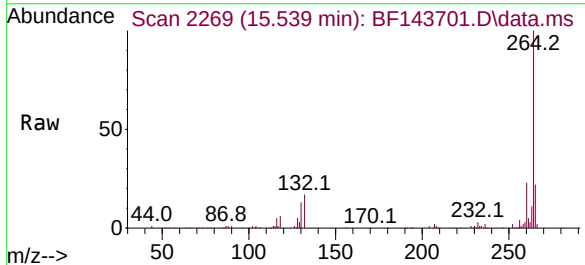
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

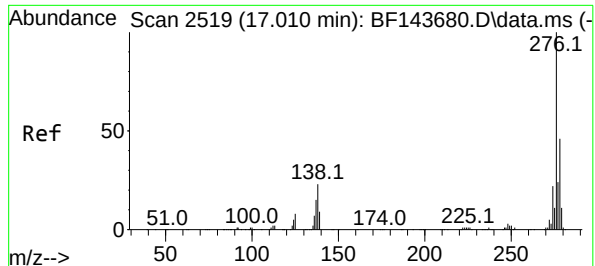
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	6.2	9.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.023 min
Lab File: BF143701.D
Acq: 11 Sep 2025 12:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.7	17.1	25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.682 ng

RT: 17.039 min Scan# 2195

Delta R.T. 0.029 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

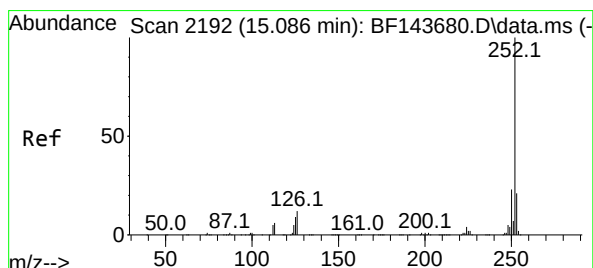
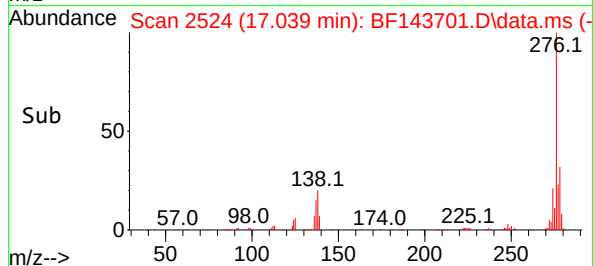
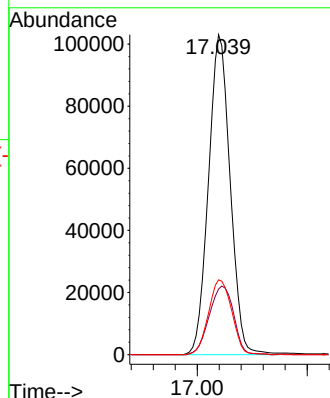
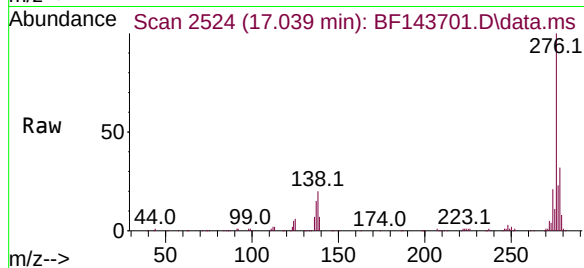
Tgt Ion:276 Resp: 281854

Ion Ratio Lower Upper

276 100

138 24.1 19.7 29.5

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.449 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.018 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

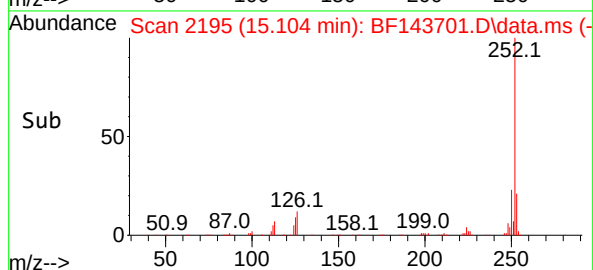
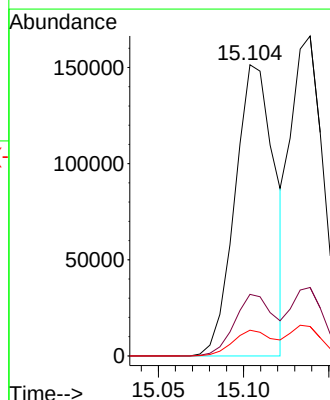
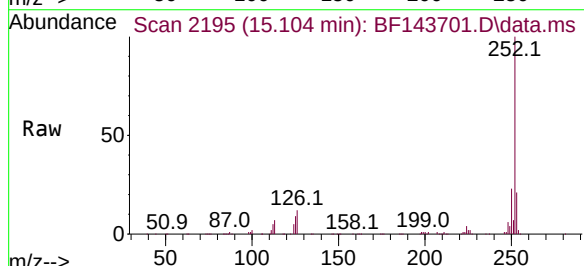
Tgt Ion:252 Resp: 244439

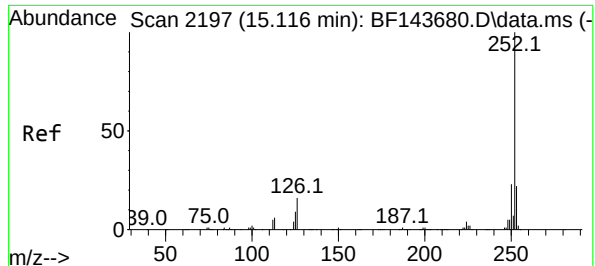
Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.4

125 8.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 41.209 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.023 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

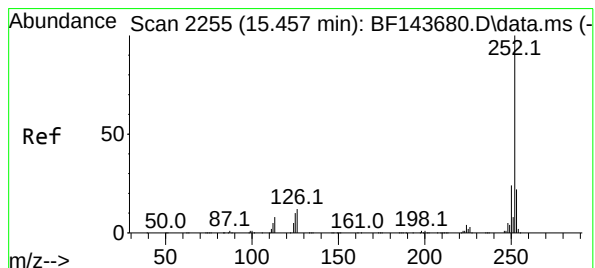
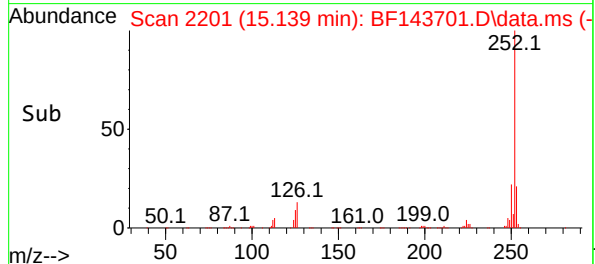
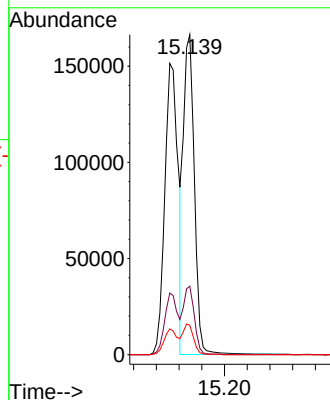
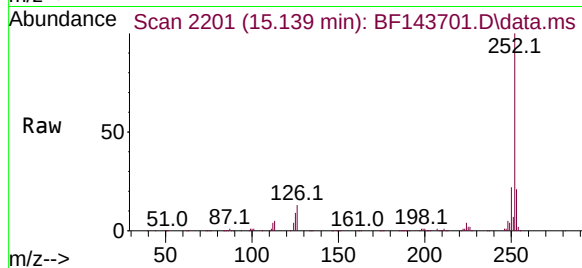
Tgt Ion:252 Resp: 224751

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 9.2 7.3 10.9



#90

Benzo(a)pyrene

Concen: 41.066 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.023 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

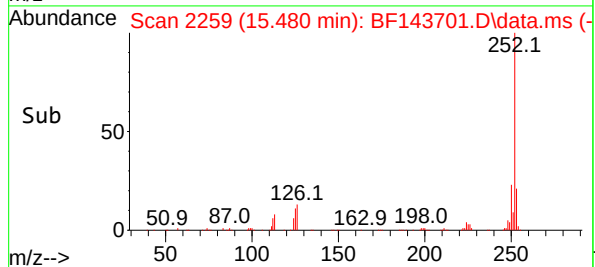
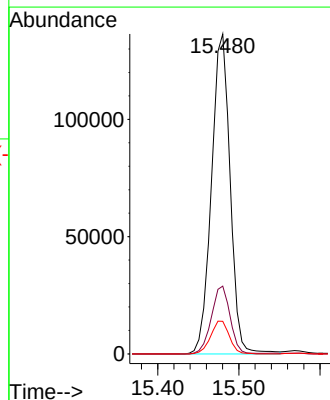
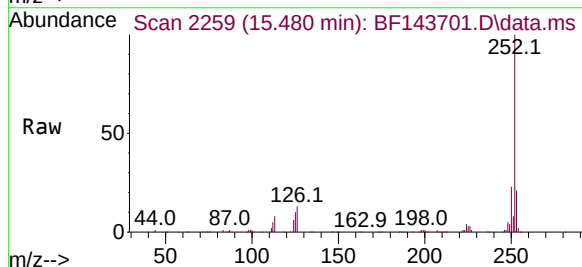
Tgt Ion:252 Resp: 218021

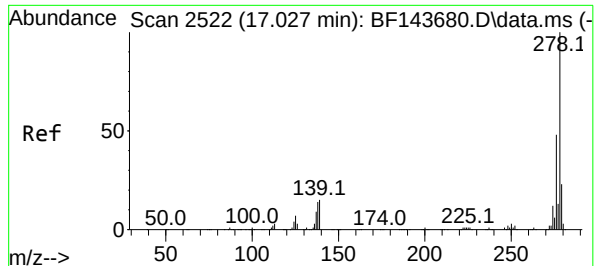
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 10.2 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 39.973 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

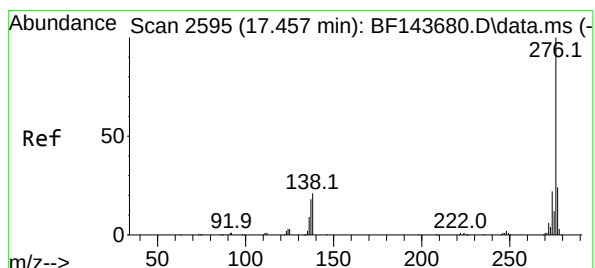
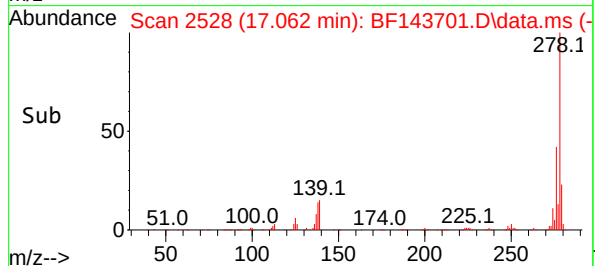
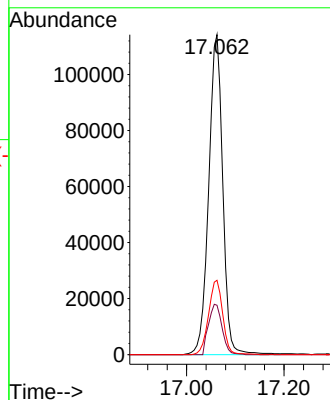
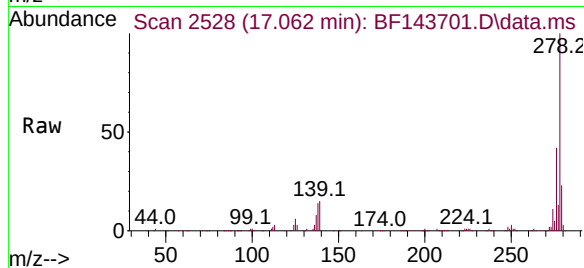
Tgt Ion:278 Resp: 229771

Ion Ratio Lower Upper

278 100

139 15.4 12.2 18.4

279 23.2 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 40.099 ng

RT: 17.492 min Scan# 2601

Delta R.T. 0.035 min

Lab File: BF143701.D

Acq: 11 Sep 2025 12:31

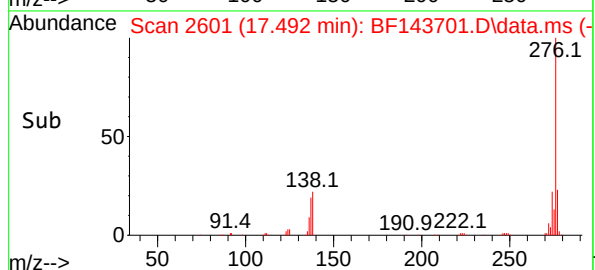
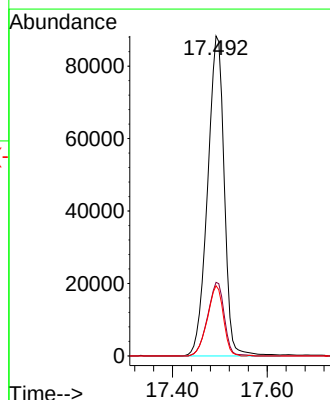
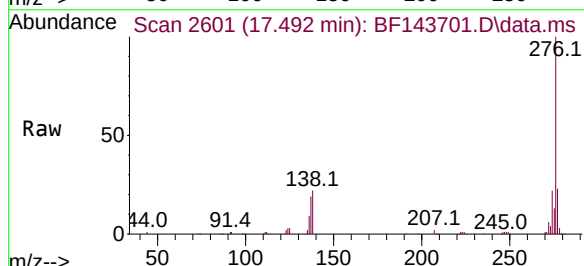
Tgt Ion:276 Resp: 215599

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 21.9 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143701.D
 Acq On : 11 Sep 2025 12:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 11 12:54:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 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	94	0.00
2	1,4-Dioxane	40.000	40.788	-2.0	94	0.00
3	Pyridine	40.000	41.563	-3.9	94	0.00
4	n-Nitrosodimethylamine	40.000	39.948	0.1	92	0.01
5 S	2-Fluorophenol	80.000	83.208	-4.0	94	0.00
6	Aniline	40.000	41.620	-4.0	96	0.00
7 S	Phenol-d6	80.000	81.037	-1.3	93	0.00
8	2-Chlorophenol	40.000	40.755	-1.9	93	0.00
9	Benzaldehyde	40.000	42.266	-5.7	93	0.00
10 C	Phenol	40.000	42.330	-5.8	92	0.00
11	bis(2-Chloroethyl)ether	40.000	40.431	-1.1	93	0.00
12	1,3-Dichlorobenzene	40.000	40.669	-1.7	92	0.00
13 C	1,4-Dichlorobenzene	40.000	40.599	-1.5	93	0.00
14	1,2-Dichlorobenzene	40.000	40.592	-1.5	93	0.00
15	Benzyl Alcohol	40.000	40.635	-1.6	93	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.452	1.4	89	0.00
17	2-Methylphenol	40.000	41.354	-3.4	95	0.00
18	Hexachloroethane	40.000	41.418	-3.5	93	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.934	-2.3	95	0.00
20	3+4-Methylphenols	40.000	41.842	-4.6	94	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	94	0.00
22	Acetophenone	40.000	40.552	-1.4	95	0.00
23 S	Nitrobenzene-d5	80.000	82.103	-2.6	93	0.00
24	Nitrobenzene	40.000	40.456	-1.1	92	0.00
25	Isophorone	40.000	40.418	-1.0	93	0.00
26 C	2-Nitrophenol	40.000	40.918	-2.3	92	0.00
27	2,4-Dimethylphenol	40.000	40.928	-2.3	95	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.090	-0.2	93	0.00
29 C	2,4-Dichlorophenol	40.000	41.287	-3.2	93	0.00
30	1,2,4-Trichlorobenzene	40.000	40.875	-2.2	94	0.00
31	Naphthalene	40.000	40.733	-1.8	94	0.00
32	Benzoic acid	40.000	41.264	-3.2	96	0.00
33	4-Chloroaniline	40.000	41.178	-2.9	95	0.00
34 C	Hexachlorobutadiene	40.000	41.225	-3.1	94	0.00
35	Caprolactam	40.000	41.850	-4.6	97	0.01
36 C	4-Chloro-3-methylphenol	40.000	41.749	-4.4	93	0.00
37	2-Methylnaphthalene	40.000	40.439	-1.1	94	0.00
38	1-Methylnaphthalene	40.000	40.741	-1.9	95	0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.667	-1.7	96	0.01
41 P	Hexachlorocyclopentadiene	40.000	41.544	-3.9	95	0.00
42 S	2,4,6-Tribromophenol	80.000	82.460	-3.1	95	0.01
43 C	2,4,6-Trichlorophenol	40.000	40.448	-1.1	92	0.00
44	2,4,5-Trichlorophenol	40.000	40.958	-2.4	94	0.00
45 S	2-Fluorobiphenyl	80.000	79.879	0.2	95	0.00
46	1,1'-Biphenyl	40.000	40.646	-1.6	94	0.01
47	2-Chloronaphthalene	40.000	40.343	-0.9	94	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143701.D
 Acq On : 11 Sep 2025 12:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 11 12:54:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.119	-7.8	99	0.00
49	Acenaphthylene	40.000	40.488	-1.2	95	0.00
50	Dimethylphthalate	40.000	40.453	-1.1	95	0.01
51	2,6-Dinitrotoluene	40.000	42.673	-6.7	97	0.01
52 C	Acenaphthene	40.000	40.107	-0.3	94	0.01
53	3-Nitroaniline	40.000	41.631	-4.1	95	0.00
54 P	2,4-Dinitrophenol	40.000	38.030	4.9	92	0.00
55	Dibenzofuran	40.000	40.183	-0.5	95	0.01
56 P	4-Nitrophenol	40.000	41.418	-3.5	95	0.01
57	2,4-Dinitrotoluene	40.000	41.430	-3.6	94	0.01
58	Fluorene	40.000	40.159	-0.4	94	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.492	-3.7	95	0.00
60	Diethylphthalate	40.000	41.075	-2.7	96	0.01
61	4-Chlorophenyl-phenylether	40.000	39.840	0.4	93	0.00
62	4-Nitroaniline	40.000	41.443	-3.6	95	0.00
63	Azobenzene	40.000	40.634	-1.6	95	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	95	0.01
65	4,6-Dinitro-2-methylphenol	40.000	41.942	-4.9	96	0.01
66 c	n-Nitrosodiphenylamine	40.000	41.274	-3.2	95	0.01
67	4-Bromophenyl-phenylether	40.000	41.229	-3.1	93	0.01
68	Hexachlorobenzene	40.000	41.051	-2.6	95	0.01
69	Atrazine	40.000	42.049	-5.1	100	0.01
70 C	Pentachlorophenol	40.000	41.320	-3.3	92	0.01
71	Phenanthrene	40.000	40.510	-1.3	95	0.01
72	Anthracene	40.000	40.917	-2.3	95	0.01
73	Carbazole	40.000	41.343	-3.4	97	0.01
74	Di-n-butylphthalate	40.000	41.204	-3.0	96	0.01
75 C	Fluoranthene	40.000	39.880	0.3	95	0.01
76 I	Chrysene-d12	20.000	20.000	0.0	88	0.02
77	Benzidine	40.000	41.025	-2.6	90	0.02
78	Pyrene	40.000	41.219	-3.0	95	0.01
79 S	Terphenyl-d14	80.000	81.532	-1.9	95	0.02
80	Butylbenzylphthalate	40.000	42.833	-7.1	91	0.01
81	Benzo(a)anthracene	40.000	40.240	-0.6	92	0.02
82	3,3'-Dichlorobenzidine	40.000	41.432	-3.6	89	0.02
83	Chrysene	40.000	41.270	-3.2	90	0.01
84	Bis(2-ethylhexyl)phthalate	40.000	42.284	-5.7	88	0.02
85 c	Di-n-octyl phthalate	40.000	41.746	-4.4	88	0.02
86 I	Perylene-d12	20.000	20.000	0.0	89	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	40.682	-1.7	86	0.03
88	Benzo(b)fluoranthene	40.000	40.449	-1.1	93	0.02
89	Benzo(k)fluoranthene	40.000	41.209	-3.0	85	0.02
90 C	Benzo(a)pyrene	40.000	41.066	-2.7	88	0.02
91	Dibenzo(a,h)anthracene	40.000	39.973	0.1	85	0.04
92	Benzo(g,h,i)perylene	40.000	40.099	-0.2	86	0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143701.D
Acq On : 11 Sep 2025 12:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 11 12:54:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143701.D
 Acq On : 11 Sep 2025 12:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 11 12:54:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 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	94	0.00
2	1,4-Dioxane	0.523	0.533	-1.9	94	0.00
3	Pyridine	1.351	1.404	-3.9	94	0.00
4	n-Nitrosodimethylamine	0.513	0.512	0.2	92	0.01
5 S	2-Fluorophenol	1.172	1.219	-4.0	94	0.00
6	Aniline	1.890	1.967	-4.1	96	0.00
7 S	Phenol-d6	1.427	1.446	-1.3	93	0.00
8	2-Chlorophenol	1.266	1.290	-1.9	93	0.00
9	Benzaldehyde	1.152	1.217	-5.6	93	0.00
10 C	Phenol	1.578	1.670	-5.8	92	0.00
11	bis(2-Chloroethyl)ether	1.178	1.191	-1.1	93	0.00
12	1,3-Dichlorobenzene	1.448	1.472	-1.7	92	0.00
13 C	1,4-Dichlorobenzene	1.461	1.483	-1.5	93	0.00
14	1,2-Dichlorobenzene	1.380	1.401	-1.5	93	0.00
15	Benzyl Alcohol	1.038	1.055	-1.6	93	0.00
16	2,2'-oxybis(1-Chloropropane	1.542	1.521	1.4	89	0.00
17	2-Methylphenol	1.018	1.053	-3.4	95	0.00
18	Hexachloroethane	0.472	0.489	-3.6	93	0.00
19 P	n-Nitroso-di-n-propylamine	0.877	0.897	-2.3	95	0.00
20	3+4-Methylphenols	1.341	1.403	-4.6	94	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22	Acetophenone	0.452	0.458	-1.3	95	0.00
23 S	Nitrobenzene-d5	0.322	0.330	-2.5	93	0.00
24	Nitrobenzene	0.333	0.337	-1.2	92	0.00
25	Isophorone	0.617	0.623	-1.0	93	0.00
26 C	2-Nitrophenol	0.164	0.168	-2.4	92	0.00
27	2,4-Dimethylphenol	0.294	0.301	-2.4	95	0.00
28	bis(2-Chloroethoxy)methane	0.379	0.380	-0.3	93	0.00
29 C	2,4-Dichlorophenol	0.296	0.306	-3.4	93	0.00
30	1,2,4-Trichlorobenzene	0.307	0.313	-2.0	94	0.00
31	Naphthalene	0.990	1.008	-1.8	94	0.00
32	Benzoic acid	0.180	0.185	-2.8	96	0.00
33	4-Chloroaniline	0.345	0.355	-2.9	95	0.00
34 C	Hexachlorobutadiene	0.200	0.206	-3.0	94	0.00
35	Caprolactam	0.079	0.082	-3.8	97	0.01
36 C	4-Chloro-3-methylphenol	0.292	0.305	-4.5	93	0.00
37	2-Methylnaphthalene	0.678	0.685	-1.0	94	0.00
38	1-Methylnaphthalene	0.650	0.662	-1.8	95	0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	0.573	0.582	-1.6	96	0.01
41 P	Hexachlorocyclopentadiene	0.294	0.305	-3.7	95	0.00
42 S	2,4,6-Tribromophenol	0.202	0.208	-3.0	95	0.01
43 C	2,4,6-Trichlorophenol	0.382	0.387	-1.3	92	0.00
44	2,4,5-Trichlorophenol	0.389	0.398	-2.3	94	0.00
45 S	2-Fluorobiphenyl	1.324	1.322	0.2	95	0.00
46	1,1'-Biphenyl	1.440	1.463	-1.6	94	0.01
47	2-Chloronaphthalene	1.129	1.138	-0.8	94	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143701.D
 Acq On : 11 Sep 2025 12:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 11 12:54:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 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	0.299	0.322	-7.7	99	0.00
49	Acenaphthylene	1.617	1.637	-1.2	95	0.00
50	Dimethylphthalate	1.301	1.316	-1.2	95	0.01
51	2,6-Dinitrotoluene	0.249	0.265	-6.4	97	0.01
52 C	Acenaphthene	1.114	1.117	-0.3	94	0.01
53	3-Nitroaniline	0.268	0.279	-4.1	95	0.00
54 P	2,4-Dinitrophenol	0.114	0.117	-2.6	92	0.00
55	Dibenzofuran	1.602	1.609	-0.4	95	0.01
56 P	4-Nitrophenol	0.213	0.221	-3.8	95	0.01
57	2,4-Dinitrotoluene	0.339	0.351	-3.5	94	0.01
58	Fluorene	1.254	1.259	-0.4	94	0.00
59	2,3,4,6-Tetrachlorophenol	0.315	0.327	-3.8	95	0.00
60	Diethylphthalate	1.222	1.255	-2.7	96	0.01
61	4-Chlorophenyl-phenylether	0.636	0.634	0.3	93	0.00
62	4-Nitroaniline	0.254	0.263	-3.5	95	0.00
63	Azobenzene	1.080	1.097	-1.6	95	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	95	0.01
65	4,6-Dinitro-2-methylphenol	0.102	0.107	-4.9	96	0.01
66 c	n-Nitrosodiphenylamine	0.655	0.676	-3.2	95	0.01
67	4-Bromophenyl-phenylether	0.241	0.249	-3.3	93	0.01
68	Hexachlorobenzene	0.255	0.261	-2.4	95	0.01
69	Atrazine	0.205	0.216	-5.4	100	0.01
70 C	Pentachlorophenol	0.154	0.159	-3.2	92	0.01
71	Phenanthrene	1.102	1.116	-1.3	95	0.01
72	Anthracene	1.108	1.133	-2.3	95	0.01
73	Carbazole	0.907	0.938	-3.4	97	0.01
74	Di-n-butylphthalate	1.093	1.125	-2.9	96	0.01
75 C	Fluoranthene	1.012	1.009	0.3	95	0.01
76 I	Chrysene-d12	1.000	1.000	0.0	88	0.02
77	Benzydine	0.652	0.669	-2.6	90	0.02
78	Pyrene	1.599	1.648	-3.1	95	0.01
79 S	Terphenyl-d14	1.234	1.258	-1.9	95	0.02
80	Butylbenzylphthalate	0.501	0.537	-7.2	91	0.01
81	Benzo(a)anthracene	1.287	1.294	-0.5	92	0.02
82	3,3'-Dichlorobenzidine	0.396	0.410	-3.5	89	0.02
83	Chrysene	1.178	1.216	-3.2	90	0.01
84	Bis(2-ethylhexyl)phthalate	0.715	0.756	-5.7	88	0.02
85 c	Di-n-octyl phthalate	1.281	1.337	-4.4	88	0.02
86 I	Perylene-d12	1.000	1.000	0.0	89	0.02
87	Indeno(1,2,3-cd)pyrene	1.365	1.388	-1.7	86	0.03
88	Benzo(b)fluoranthene	1.191	1.204	-1.1	93	0.02
89	Benzo(k)fluoranthene	1.074	1.107	-3.1	85	0.02
90 C	Benzo(a)pyrene	1.046	1.074	-2.7	88	0.02
91	Dibenzo(a,h)anthracene	1.132	1.132	0.0	85	0.04
92	Benzo(g,h,i)perylene	1.059	1.062	-0.3	86	0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143701.D
Acq On : 11 Sep 2025 12:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 11 12:54:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 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



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ZUCC01
 Lab Code: ACE SDG No.: Q3032
 Instrument ID: BNA_F Calibration Date/Time: 09/12/2025 10:43
 Lab File ID: BF143724.D Init. Calib. Date(s): 09/09/2025 09/09/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:12 13:54
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.351	1.401		3.7	
2-Fluorophenol	1.172	1.208		3.1	
Phenol-d6	1.427	1.457		2.1	
1,4-Dichlorobenzene	1.461	1.468		0.5	20.0
2-Methylphenol	1.018	1.051		3.2	
3+4-Methylphenols	1.341	1.367		1.9	
Nitrobenzene-d5	0.322	0.335		4.0	
Hexachloroethane	0.472	0.475		0.6	
Nitrobenzene	0.333	0.340		2.1	
Hexachlorobutadiene	0.200	0.199		-0.5	20.0
2,4,6-Trichlorophenol	0.382	0.395		3.4	20.0
2-Fluorobiphenyl	1.324	1.336		0.9	
2,4,5-Trichlorophenol	0.389	0.407		4.6	
2,4-Dinitrotoluene	0.339	0.363		7.1	
2,4,6-Tribromophenol	0.202	0.211		4.5	
Hexachlorobenzene	0.255	0.256		0.4	
Pentachlorophenol	0.154	0.161		4.5	20.0
Terphenyl-d14	1.234	1.220		-1.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143724.D
 Acq On : 12 Sep 2025 10:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 12 11:09:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	40222	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	153379	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	85989	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	134354	20.000	ng	0.01
76) Chrysene-d12	14.063	240	79299	20.000	ng	0.02
86) Perylene-d12	15.539	264	89357	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	194332	82.432	ng	0.00
7) Phenol-d6	6.516	99	234358	81.644	ng	0.01
23) Nitrobenzene-d5	7.457	82	205790	83.455	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	72629	83.811	ng	0.01
45) 2-Fluorobiphenyl	9.257	172	459530	80.728	ng	0.01
79) Terphenyl-d14	13.004	244	386975	79.081	ng	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.675	88	43346	41.219	ng	95
3) Pyridine	3.440	79	112671	41.476	ng	96
4) n-Nitrosodimethylamine	3.393	42	40143	38.902	ng	97
6) Aniline	6.557	93	156688	41.214	ng	96
8) 2-Chlorophenol	6.681	128	103953	40.827	ng	96
9) Benzaldehyde	6.445	77	96082	41.487	ng	99
10) Phenol	6.528	94	137052	43.193	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	95804	40.427	ng	97
12) 1,3-Dichlorobenzene	6.840	146	119124	40.908	ng	99
13) 1,4-Dichlorobenzene	6.916	146	118071	40.172	ng	99
14) 1,2-Dichlorobenzene	7.063	146	110651	39.866	ng	98
15) Benzyl Alcohol	7.034	79	85034	40.725	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	115364	37.209	ng	98
17) 2-Methylphenol	7.140	107	84517	41.264	ng	97
18) Hexachloroethane	7.410	117	38215	40.250	ng	95
19) n-Nitroso-di-n-propyla...	7.310	70	71264	40.423	ng	97
20) 3+4-Methylphenols	7.292	107	110001	40.784	ng	97
22) Acetophenone	7.304	105	139445	40.255	ng	99
24) Nitrobenzene	7.475	77	104344	40.810	ng	99
25) Isophorone	7.716	82	189538	40.085	ng	99
26) 2-Nitrophenol	7.792	139	55439	44.100	ng	99
27) 2,4-Dimethylphenol	7.822	122	90926	40.290	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	115675	39.808	ng	99
29) 2,4-Dichlorophenol	8.028	162	94033	41.421	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	93893	39.922	ng	99
31) Naphthalene	8.198	128	310024	40.831	ng	99
32) Benzoic acid	7.922	122	59635	43.312	ng	97
33) 4-Chloroaniline	8.245	127	106620	40.337	ng	98
34) Hexachlorobutadiene	8.316	225	61071	39.811	ng	99
35) Caprolactam	8.616	113	25083	41.513	ng	88
36) 4-Chloro-3-methylphenol	8.722	107	90607	40.478	ng	97
37) 2-Methylnaphthalene	8.892	142	203892	39.229	ng	99
38) 1-Methylnaphthalene	8.992	142	200959	40.289	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	100757	40.929	ng	99
41) Hexachlorocyclopentadiene	9.045	237	54356	43.009	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	67973	41.351	ng	99

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 Data File : BF143724.D
 Acq On : 12 Sep 2025 10:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 12 11:09:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	70017	41.899	ng	98
46) 1,1'-Biphenyl	9.357	154	255703	41.305	ng	99
47) 2-Chloronaphthalene	9.381	162	196526	40.495	ng	99
48) 2-Nitroaniline	9.469	65	54708	42.597	ng	96
49) Acenaphthylene	9.792	152	280105	40.293	ng	99
50) Dimethylphthalate	9.651	163	228289	40.804	ng	100
51) 2,6-Dinitrotoluene	9.716	165	47032	43.968	ng	95
52) Acenaphthene	9.969	154	196423	41.003	ng	99
53) 3-Nitroaniline	9.881	138	49278	42.807	ng	96
54) 2,4-Dinitrophenol	9.986	184	22553	42.045	ng	# 66
55) Dibenzofuran	10.139	168	280182	40.675	ng	98
56) 4-Nitrophenol	10.028	139	37972	41.462	ng	94
57) 2,4-Dinitrotoluene	10.116	165	62472	42.911	ng	95
58) Fluorene	10.480	166	215487	39.963	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.251	232	57189	42.205	ng	99
60) Diethylphthalate	10.357	149	209385	39.864	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	110821	40.525	ng	99
62) 4-Nitroaniline	10.498	138	44721	41.018	ng	97
63) Azobenzene	10.633	77	184395	39.710	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	31816	46.511	ng	98
66) n-Nitrosodiphenylamine	10.592	169	181886	41.324	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	64674	39.918	ng	98
68) Hexachlorobenzene	11.033	284	68659	40.134	ng	98
69) Atrazine	11.116	200	54991	39.847	ng	99
70) Pentachlorophenol	11.222	266	43261	41.832	ng	97
71) Phenanthrene	11.445	178	296849	40.100	ng	99
72) Anthracene	11.498	178	300048	40.310	ng	100
73) Carbazole	11.651	167	245712	40.307	ng	100
74) Di-n-butylphthalate	11.980	149	294223	40.090	ng	100
75) Fluoranthene	12.633	202	257856	37.944	ng	99
77) Benzidine	12.751	184	110772	42.836	ng	99
78) Pyrene	12.863	202	253631	40.003	ng	99
80) Butylbenzylphthalate	13.480	149	85816	43.199	ng	98
81) Benzo(a)anthracene	14.051	228	207501	40.674	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	65966	42.030	ng	96
83) Chrysene	14.086	228	190379	40.745	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	123704	43.644	ng	99
85) Di-n-octyl phthalate	14.657	149	231757	45.628	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	245975	40.334	ng	99
88) Benzo(b)fluoranthene	15.104	252	213566	40.150	ng	99
89) Benzo(k)fluoranthene	15.139	252	189345	39.441	ng	99
90) Benzo(a)pyrene	15.480	252	189915	40.640	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	202427	40.008	ng	98
92) Benzo(g,h,i)perylene	17.498	276	187761	39.674	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Abundance

TIC: BF143724.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylaniline

2-Fluorophenol,S

Benzaldehyde

Phenol

Phenol-d6,S

Dis(2-Chlorophenyl)ether

1,4-Dioxane

1,4-Dioxane

2,2'-oxybis(1-Chlorophenyl)

Hexachlorobenzene

Nitrobenzene

Nitrobenzene-d5,S

Acetophenone

Isopropylphenol

2-Nitrophenol

2-Nitrophenol

Naphthalene

Naphthalene

Hexachlorobutadiene,C

4-Chloro-3-methylphenol,C

Caprolactam

2-Nitroaniline

2,4,5-Trichlorophenol

2-Chlorophthalaldehyde

2-Fluorobiphenyl,S

2-Nitroaniline

Dimethylphthalate

Acenaphthylene

Acenaphthene,C

Dibenzofuran

2,3,4,6-Tetrachlorophthalate

4,6-Dinitro-2-methylphenylamine

Acenaphthene

4-Bromophenylphenylether

Acenaphthene

Phenanthrene-d10,L

Phenanthrene-d10,L

Carbazole

Di-n-butylphthalate

Butylbenzylphthalate

Benzidine

Fluoranthene,C

Pyrene

Terphenyl-d14,S

2,3-Dichlorobenzidine

2,3-Dichlorobenzidine

Di-n-octyl phthalate,c

Benzene

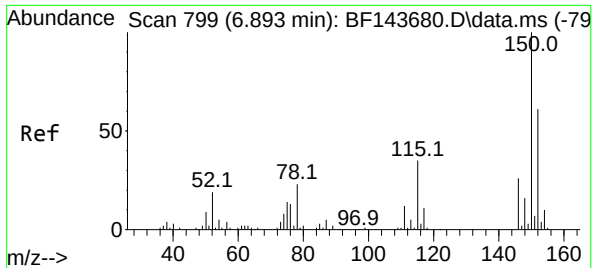
Benzene

Benzo(a)pyrene,C

Perylene-d12,L

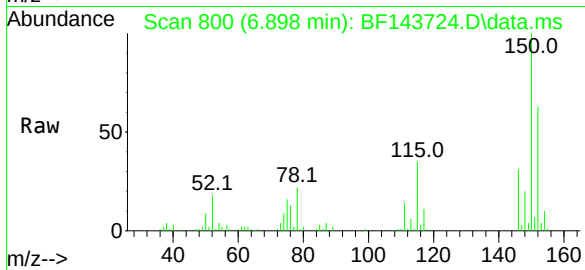
Dibenzo(a,h,i)perylene

Benzo(g,h,i)perylene

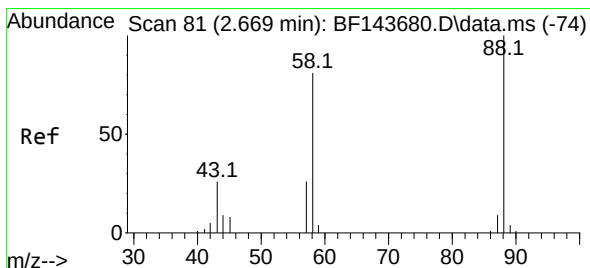
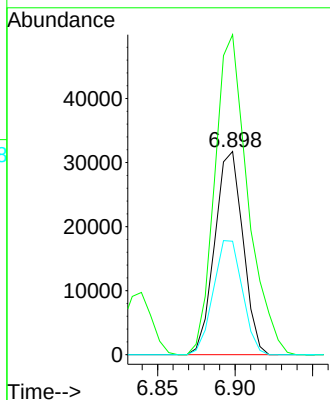
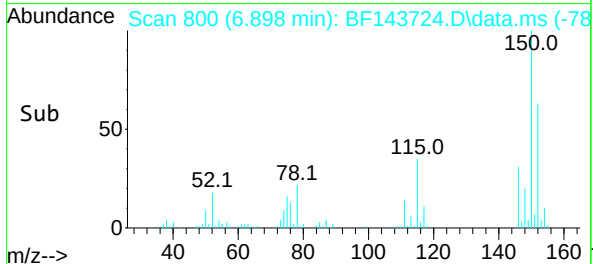


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. 0.005 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

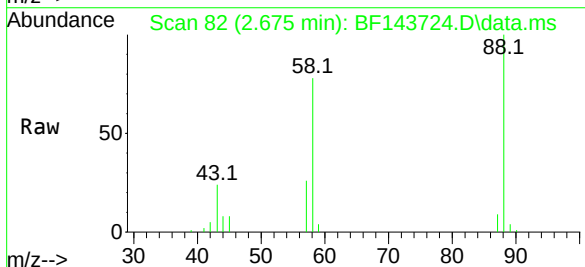
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



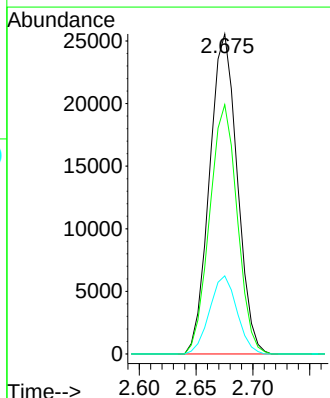
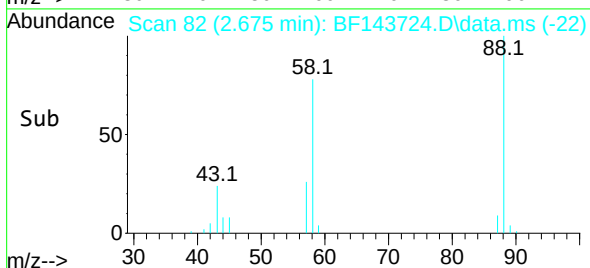
Tgt Ion:152 Resp: 40222
Ion Ratio Lower Upper
152 100
150 157.5 130.7 196.1
115 55.9 45.9 68.9

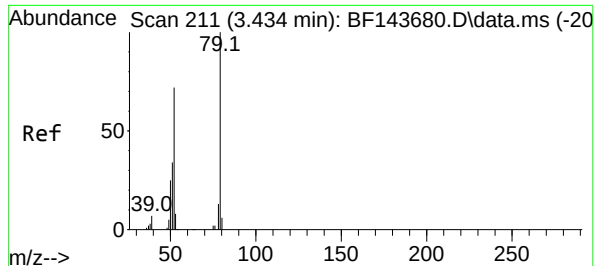


#2
1,4-Dioxane
Concen: 41.219 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43



Tgt Ion: 88 Resp: 43346
Ion Ratio Lower Upper
88 100
58 77.5 65.8 98.6
43 24.1 20.6 31.0

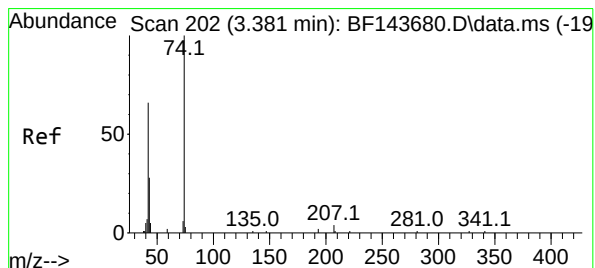
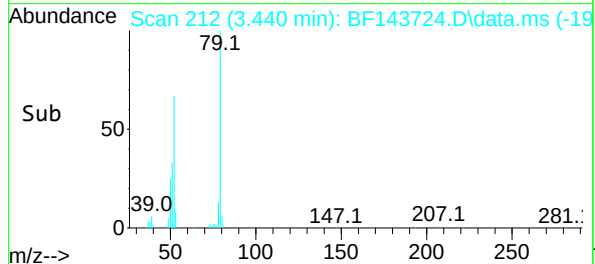
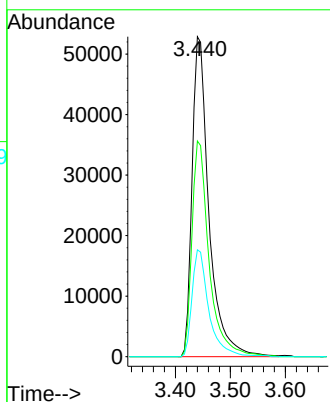
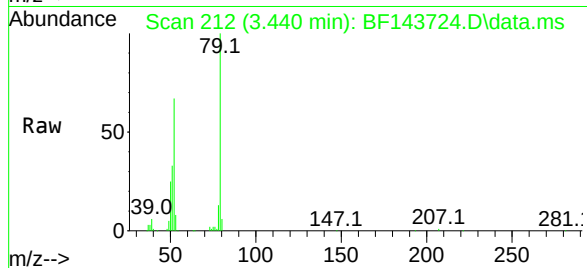




#3
Pyridine
Concen: 41.476 ng
RT: 3.440 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

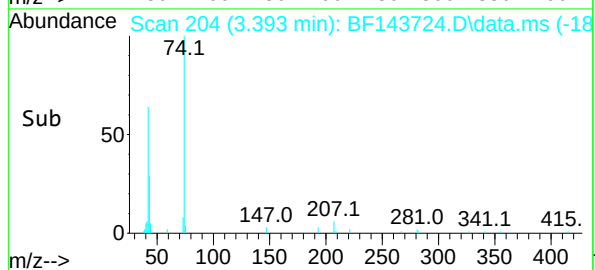
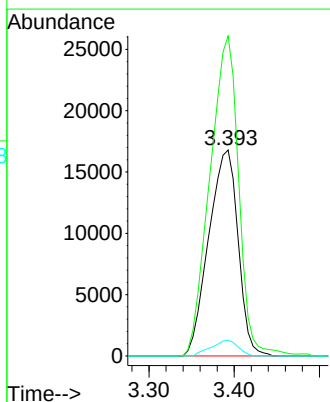
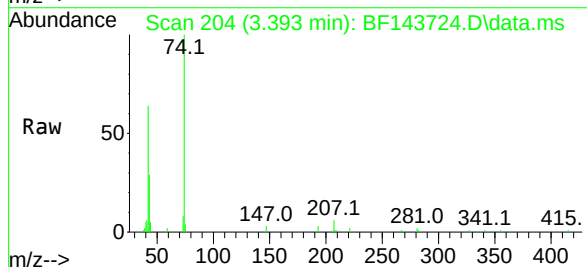
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BNA_F
ClientSampleId :
SSTDCCC040

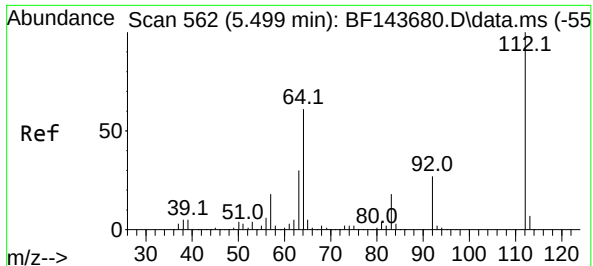
Tgt Ion: 79 Resp: 112671
Ion Ratio Lower Upper
79 100
52 67.4 57.2 85.8
51 33.4 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 38.902 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion: 42 Resp: 40143
Ion Ratio Lower Upper
42 100
74 155.4 120.9 181.3
44 7.7 6.5 9.7

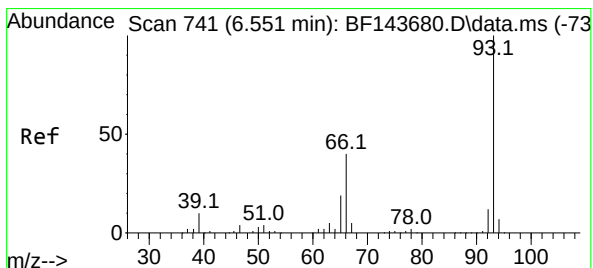
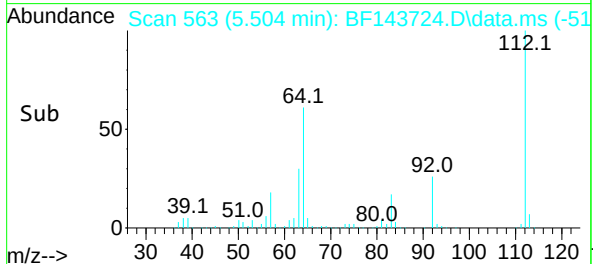
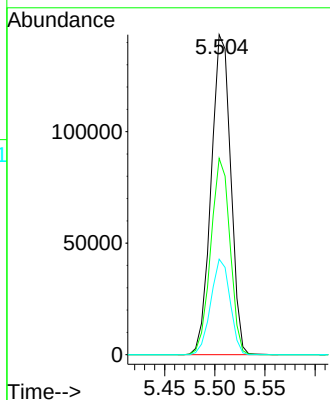
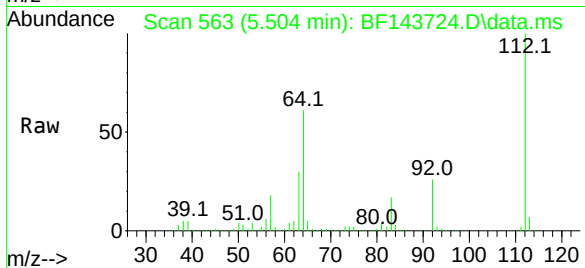




#5
2-Fluorophenol
Concen: 82.432 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

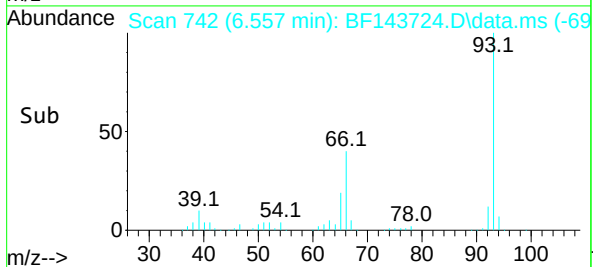
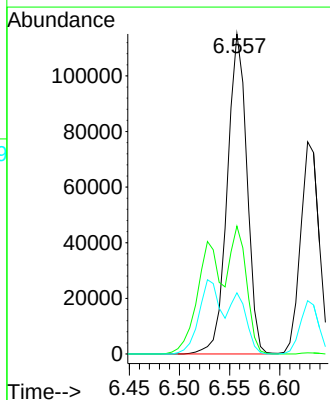
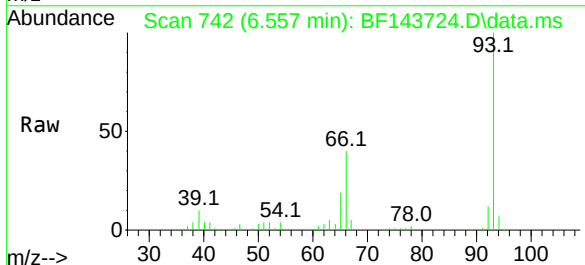
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BNA_F
ClientSampleId :
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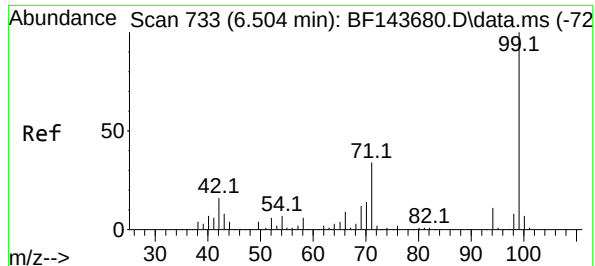
Tgt Ion:112 Resp: 194332
Ion Ratio Lower Upper
112 100
64 61.3 49.0 73.4
63 29.8 24.3 36.5



#6
Aniline
Concen: 41.214 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion: 93 Resp: 156688
Ion Ratio Lower Upper
93 100
66 40.0 34.1 51.1
65 19.1 16.1 24.1

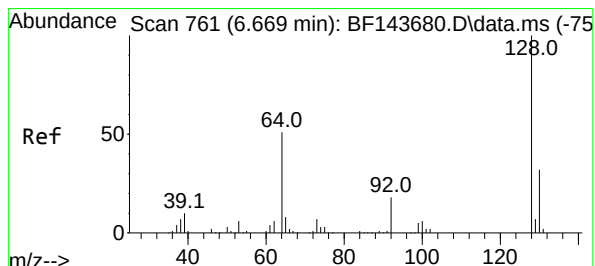
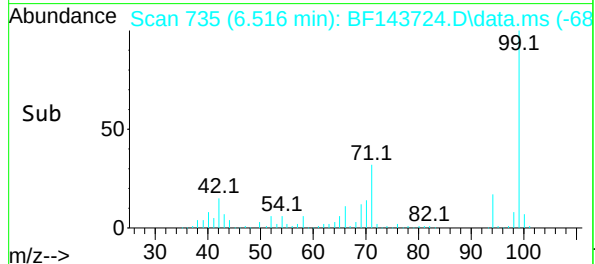
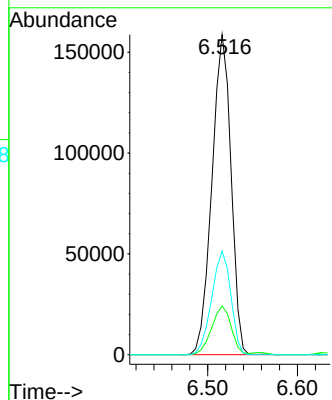
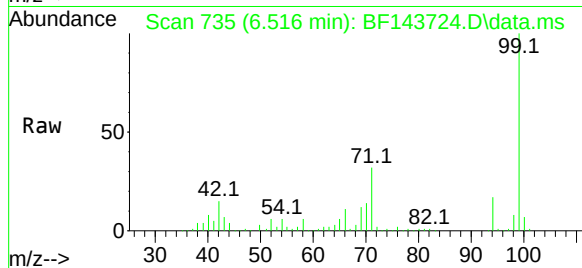




#7
Phenol-d6
Concen: 81.644 ng
RT: 6.516 min Scan# 715
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

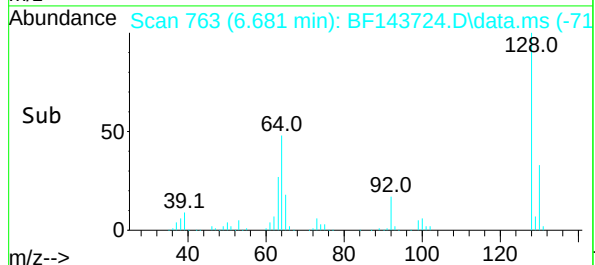
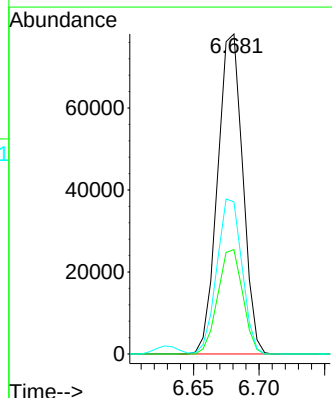
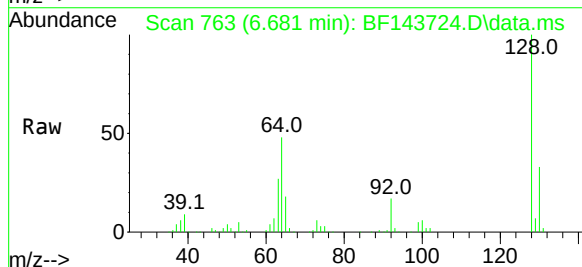
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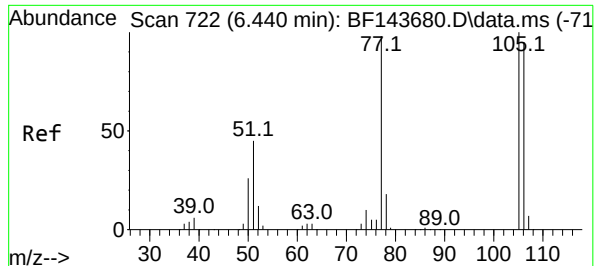
Tgt Ion: 99 Resp: 234358
Ion Ratio Lower Upper
99 100
42 15.2 13.0 19.4
71 32.3 27.4 41.2



#8
2-Chlorophenol
Concen: 40.827 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion: 128 Resp: 103953
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 47.5 31.9 71.9

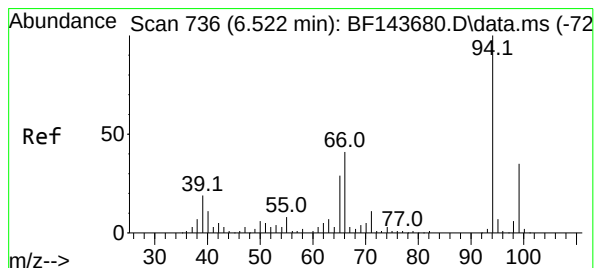
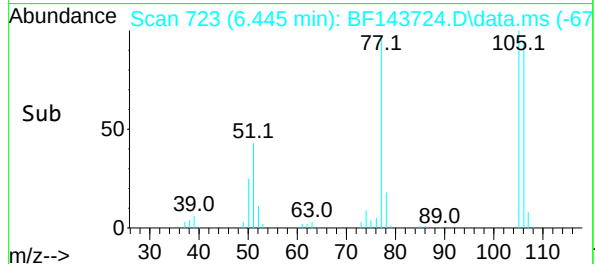
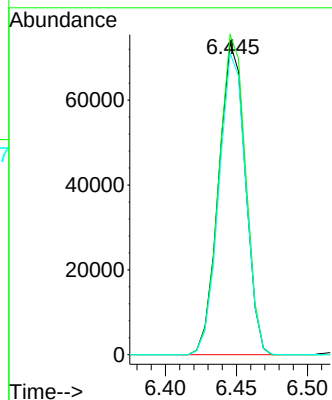
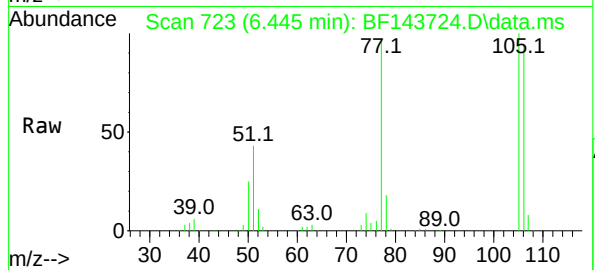




#9
Benzaldehyde
Concen: 41.487 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

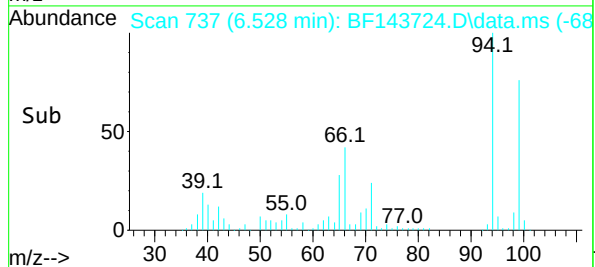
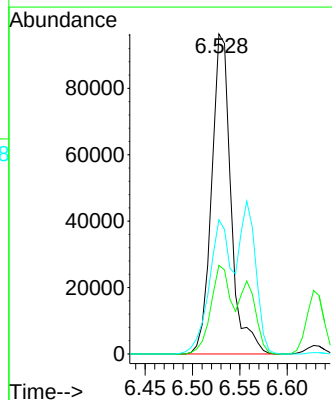
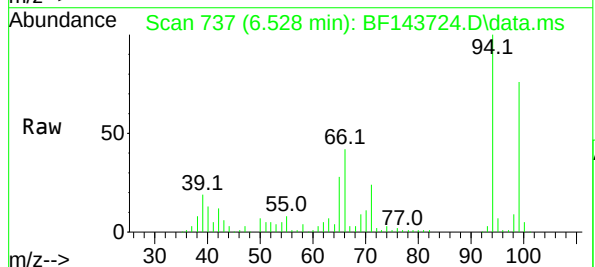
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ClientSampleId :
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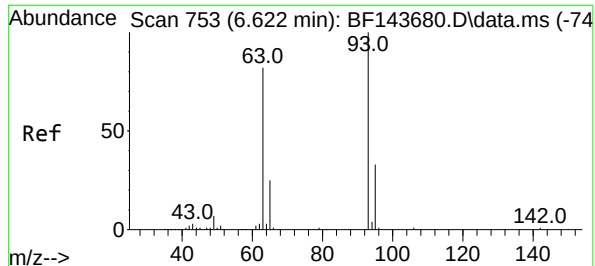
Tgt Ion: 77 Resp: 96082
Ion Ratio Lower Upper
77 100
105 102.6 81.7 121.7
106 96.6 76.9 116.9



#10
Phenol
Concen: 43.193 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion: 94 Resp: 137052
Ion Ratio Lower Upper
94 100
65 27.7 9.1 49.1
66 42.0 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 40.427 ng

RT: 6.628 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

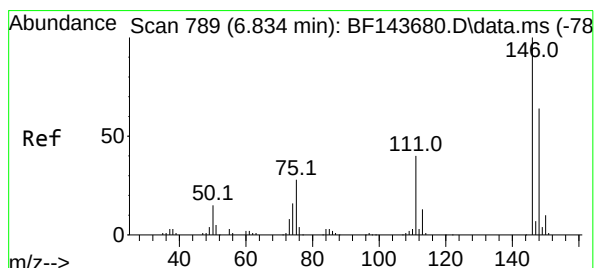
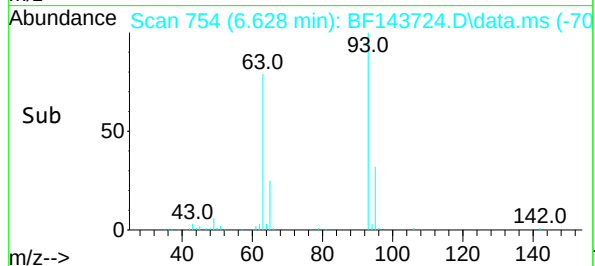
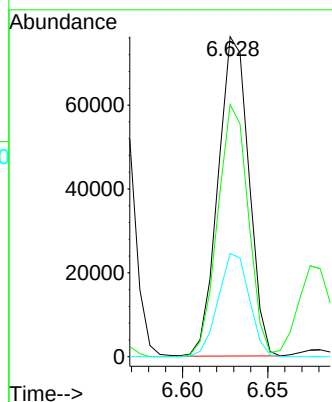
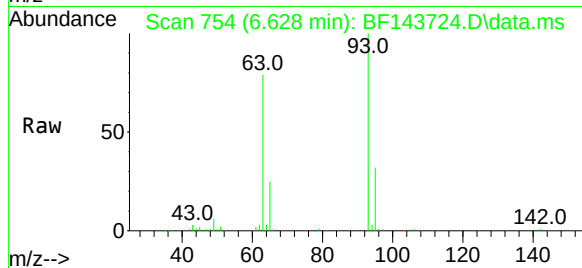
Tgt Ion: 93 Resp: 95804

Ion Ratio Lower Upper

93 100

63 78.7 61.8 101.8

95 32.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 40.908 ng

RT: 6.840 min Scan# 790

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

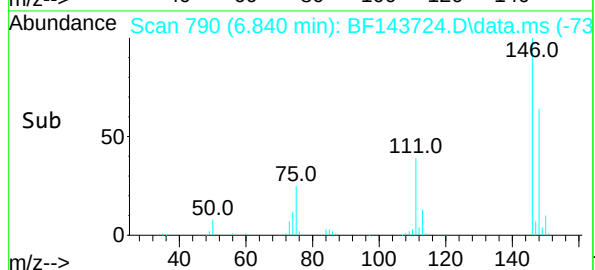
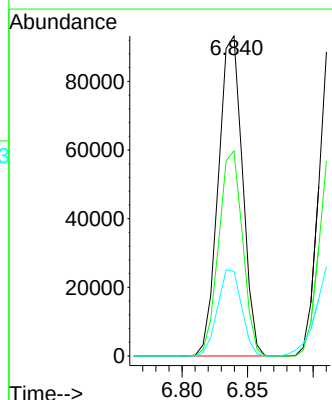
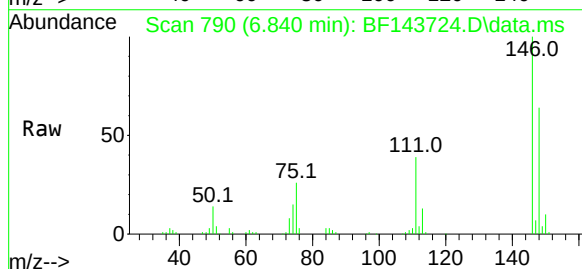
Tgt Ion:146 Resp: 119124

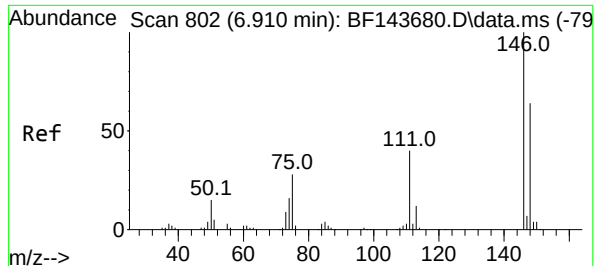
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

75 26.5 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 40.172 ng

RT: 6.916 min Scan# 802

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

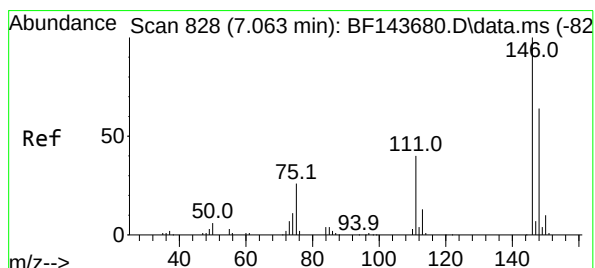
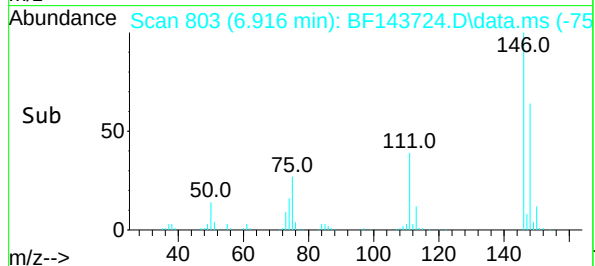
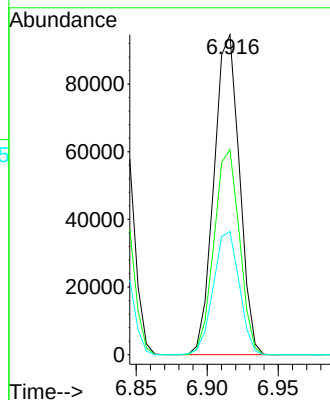
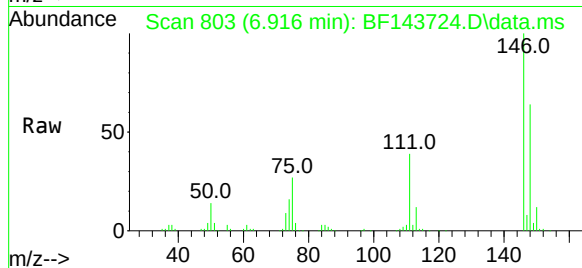
Tgt Ion:146 Resp: 118071

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

111 38.5 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 39.866 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

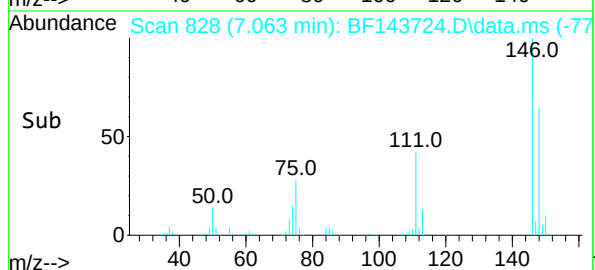
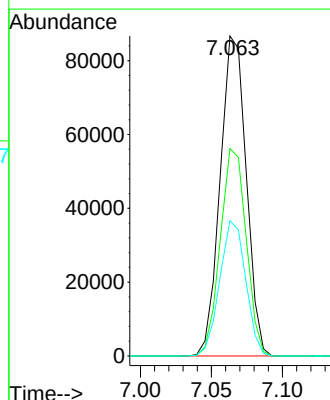
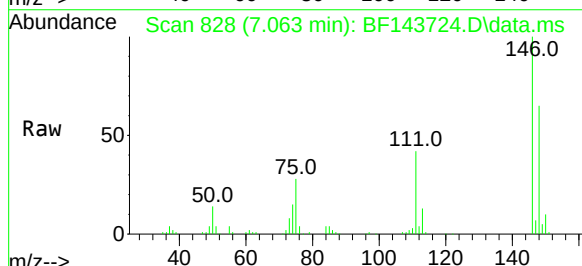
Tgt Ion:146 Resp: 110651

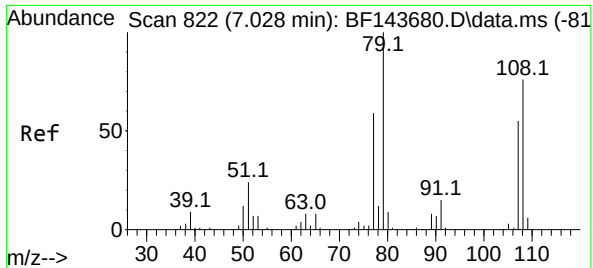
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

111 42.3 32.3 48.5

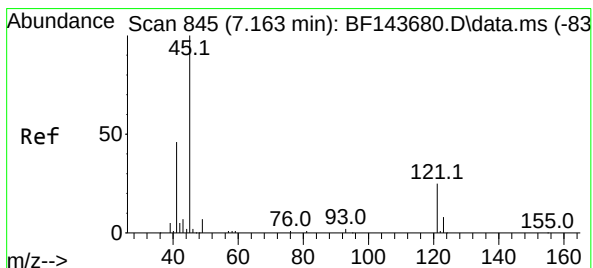
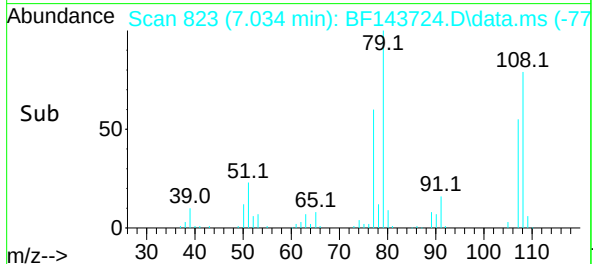
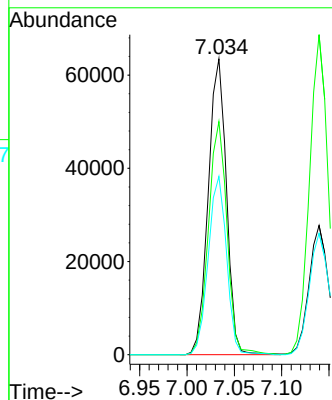
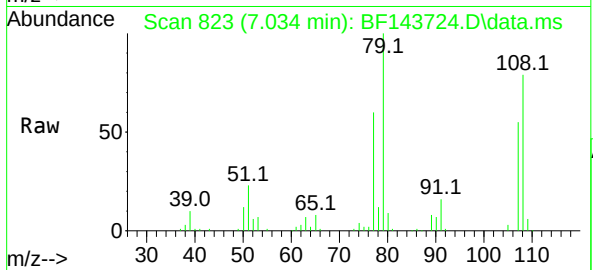




#15
Benzyl Alcohol
Concen: 40.725 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

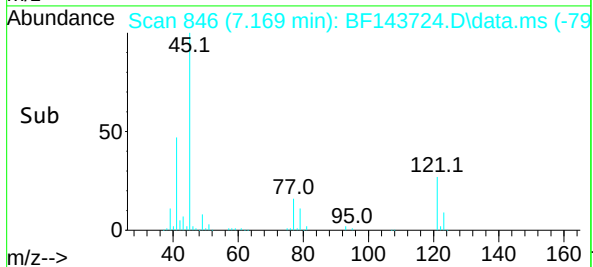
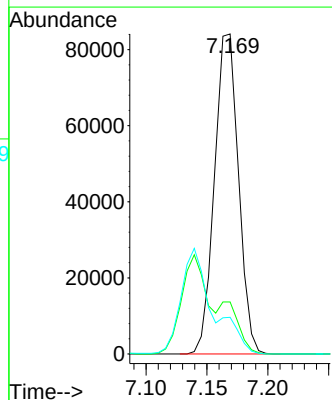
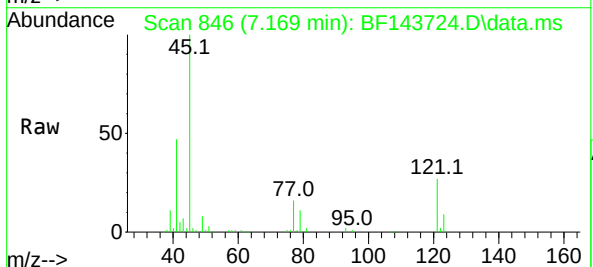
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

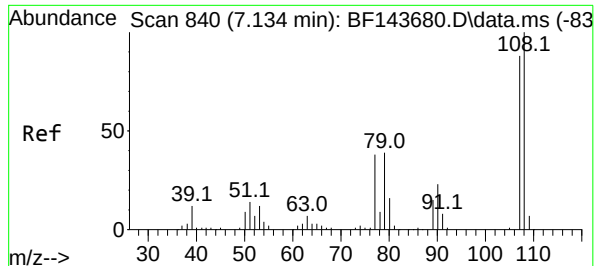
Tgt Ion: 79 Resp: 85034
Ion Ratio Lower Upper
79 100
108 78.8 60.9 91.3
77 60.2 47.4 71.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.209 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion: 45 Resp: 115364
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.6
79 11.5 0.0 31.3

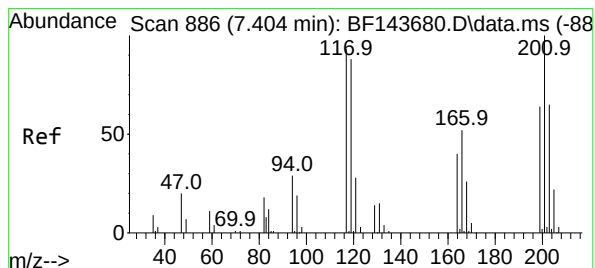
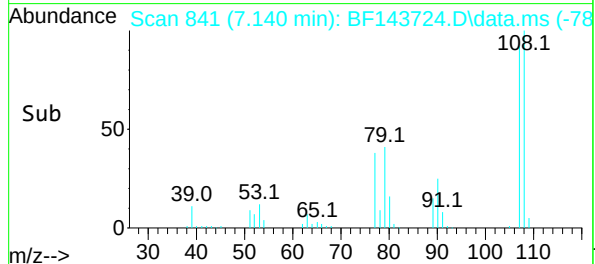
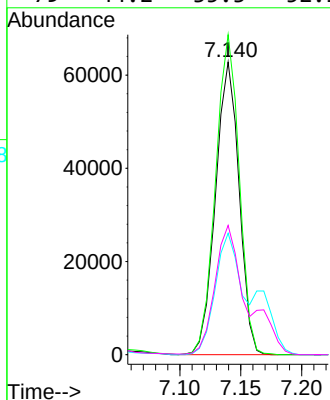
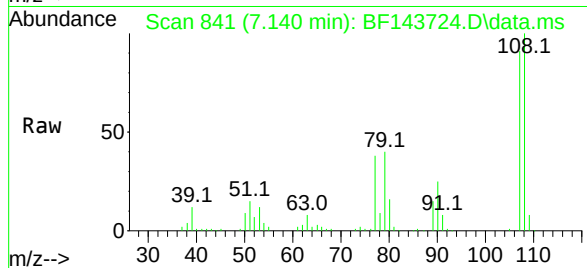




#17
2-Methylphenol
Concen: 41.264 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

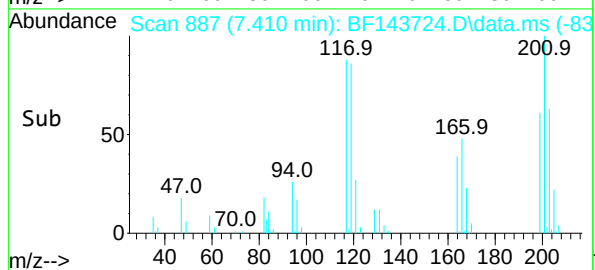
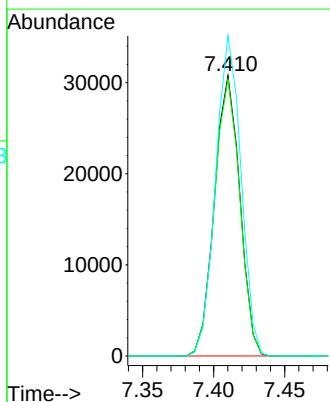
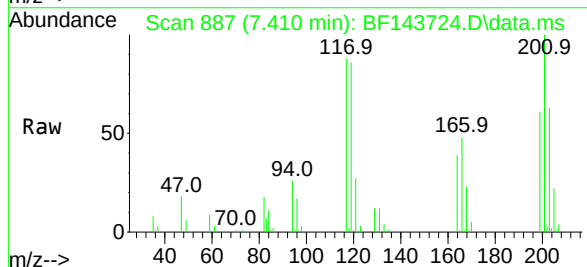
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

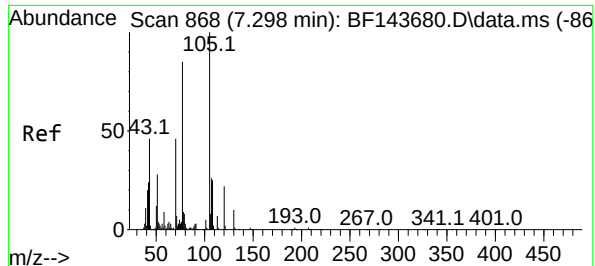
Tgt Ion:107 Resp: 84517
Ion Ratio Lower Upper
107 100
108 109.3 90.9 136.3
77 41.5 34.4 51.6
79 44.2 35.3 52.9



#18
Hexachloroethane
Concen: 40.250 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:117 Resp: 38215
Ion Ratio Lower Upper
117 100
119 98.5 76.2 114.2
201 114.1 86.4 129.6





#19

n-Nitroso-di-n-propylamine

Concen: 40.423 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 71264

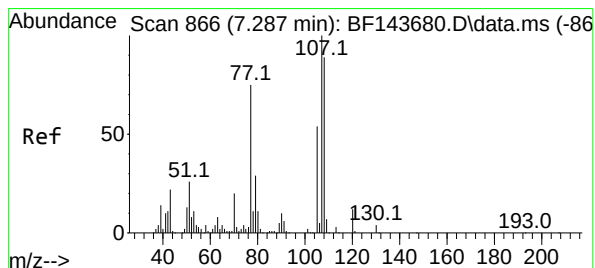
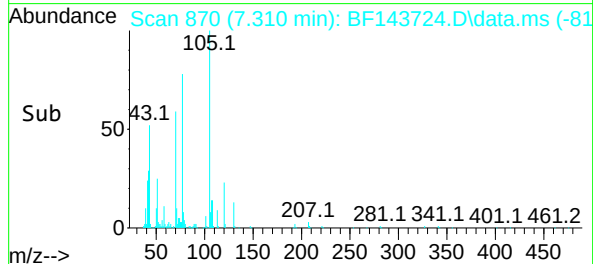
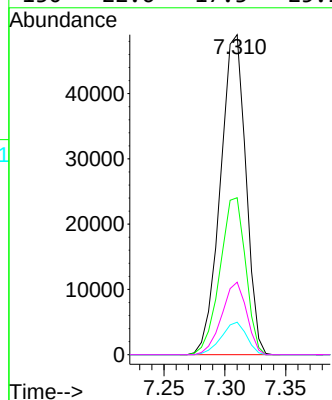
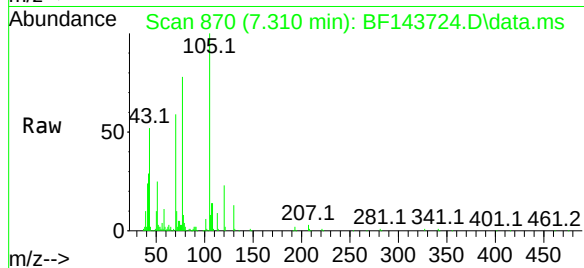
Ion Ratio Lower Upper

70 100

42 49.1 41.4 62.2

101 10.1 8.1 12.1

130 22.6 17.3 25.9



#20

3+4-Methylphenols

Concen: 40.784 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Tgt Ion: 107 Resp: 110001

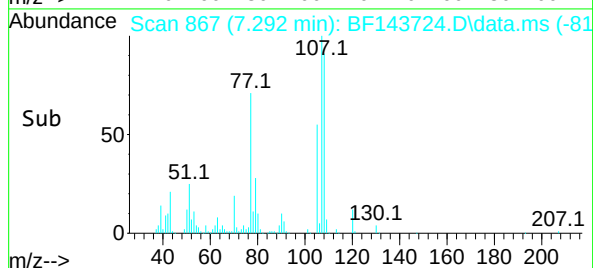
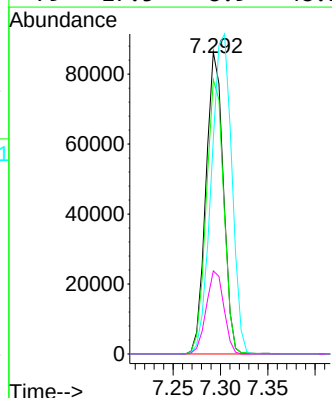
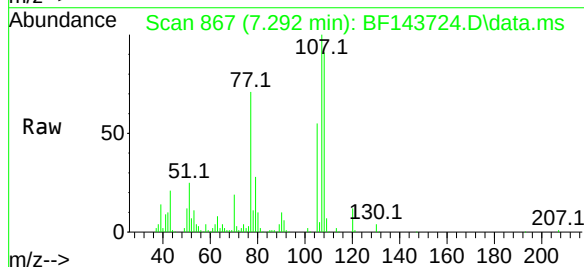
Ion Ratio Lower Upper

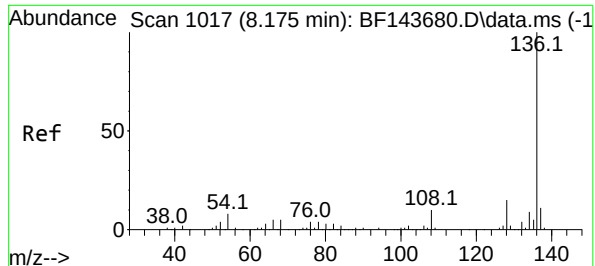
107 100

108 90.8 68.6 108.6

77 71.1 54.6 94.6

79 27.5 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 153379

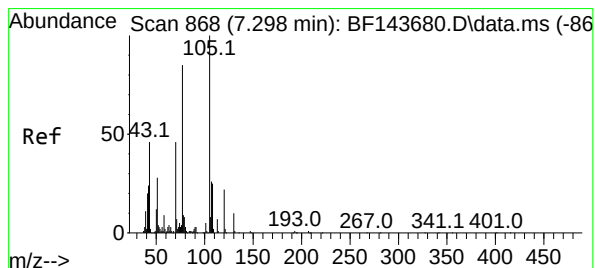
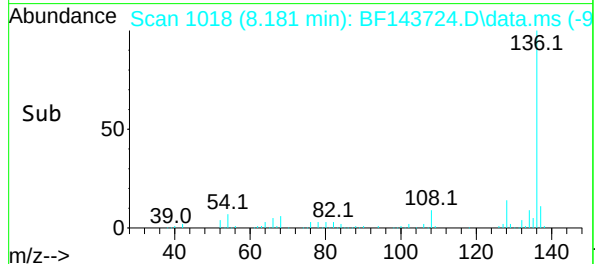
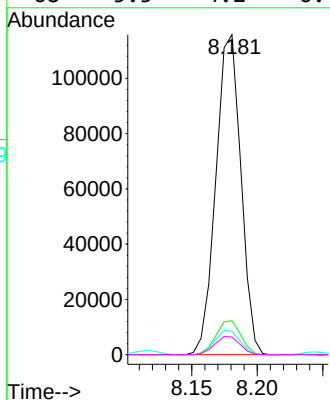
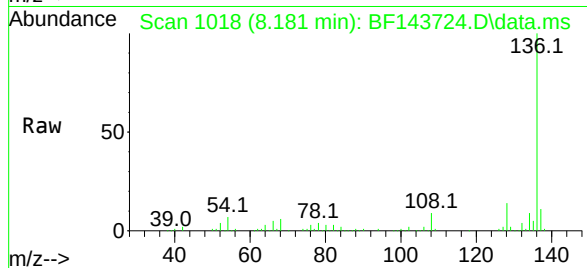
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.3 6.2 9.2

68 5.5 4.2 6.4



#22

Acetophenone

Concen: 40.255 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Tgt Ion:105 Resp: 139445

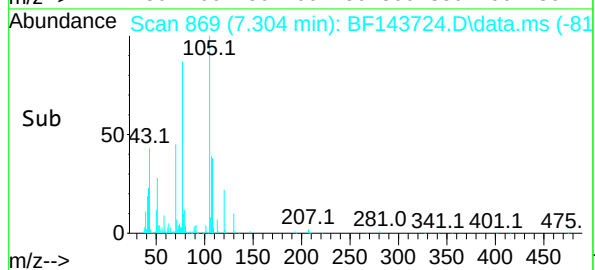
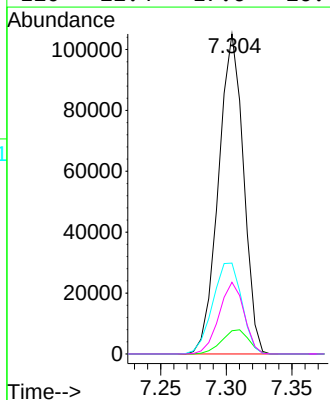
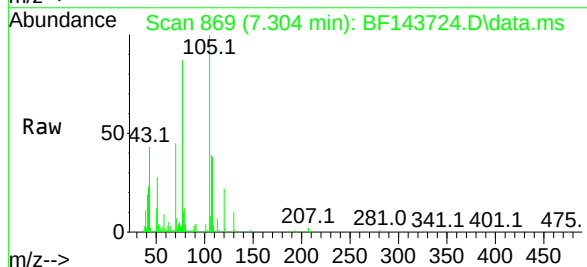
Ion Ratio Lower Upper

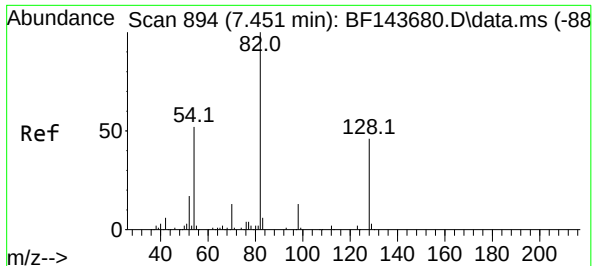
105 100

71 7.3 5.9 8.9

51 28.4 22.4 33.6

120 22.4 17.6 26.4





#23

Nitrobenzene-d5

Concen: 83.455 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

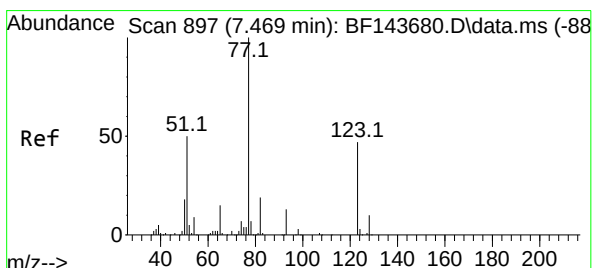
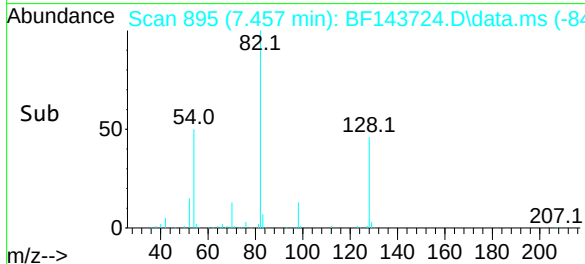
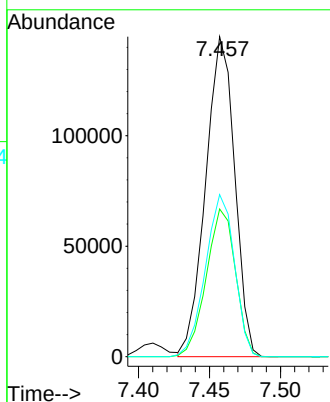
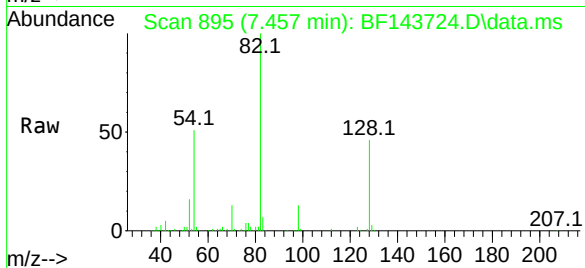
Tgt Ion: 82 Resp: 205790

Ion Ratio Lower Upper

82 100

128 46.1 37.0 55.4

54 50.7 41.8 62.8



#24

Nitrobenzene

Concen: 40.810 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

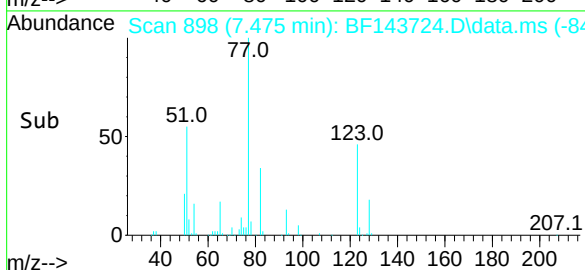
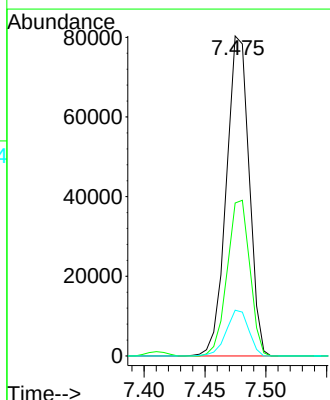
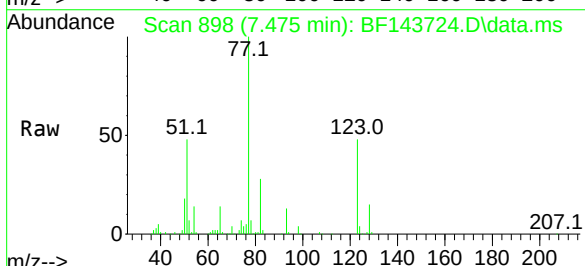
Tgt Ion: 77 Resp: 104344

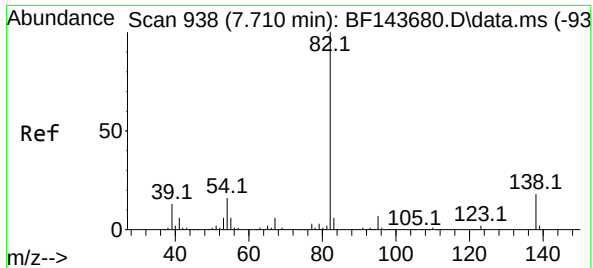
Ion Ratio Lower Upper

77 100

123 47.8 37.4 56.0

65 14.3 11.6 17.4

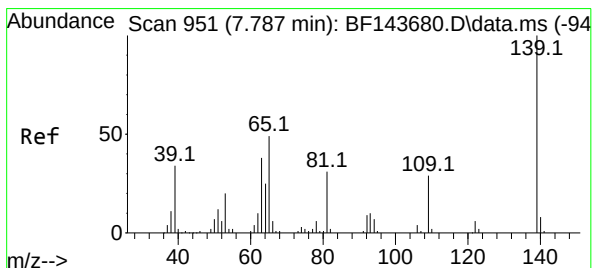
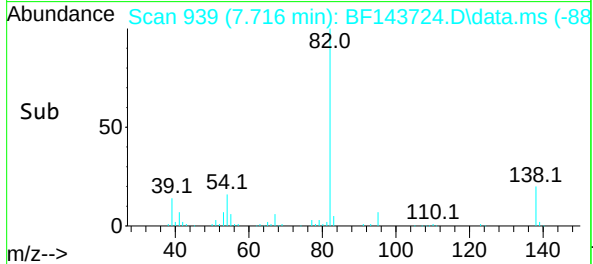
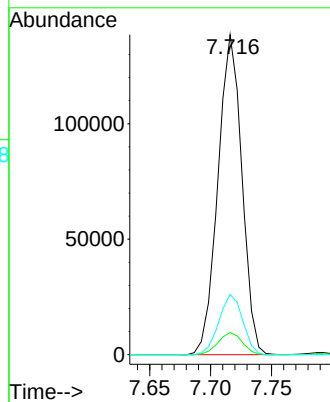
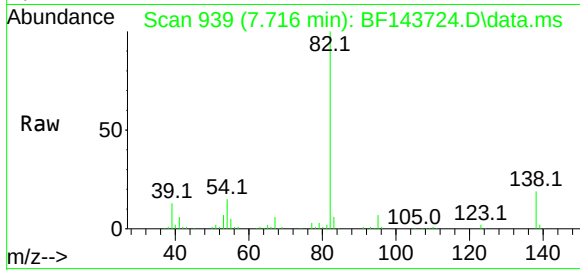




#25
Isophorone
Concen: 40.085 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

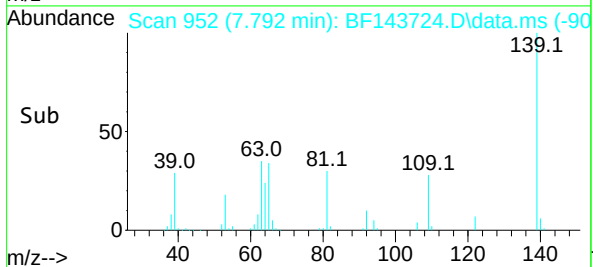
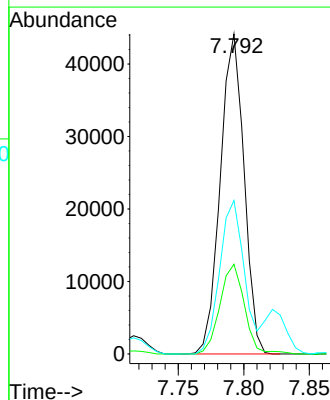
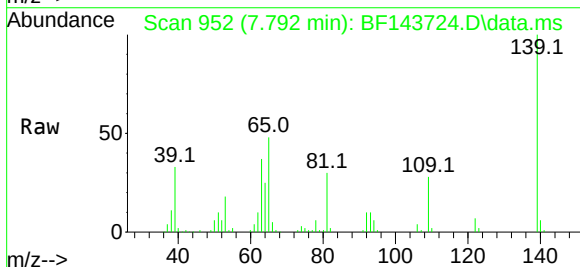
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

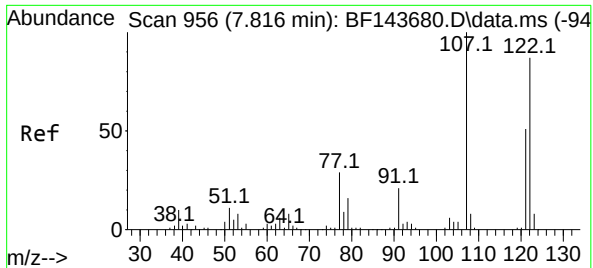
Tgt Ion: 82 Resp: 189538
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.8 14.8 22.2



#26
2-Nitrophenol
Concen: 44.100 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion: 139 Resp: 55439
Ion Ratio Lower Upper
139 100
109 28.0 22.8 34.2
65 48.0 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 40.290 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

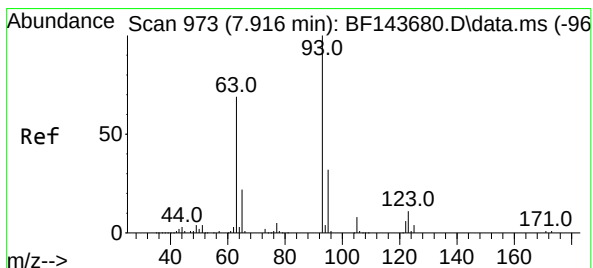
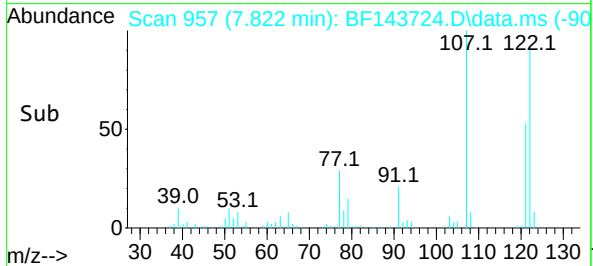
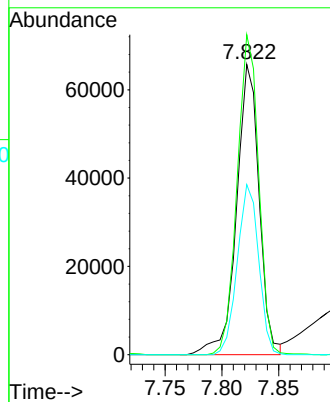
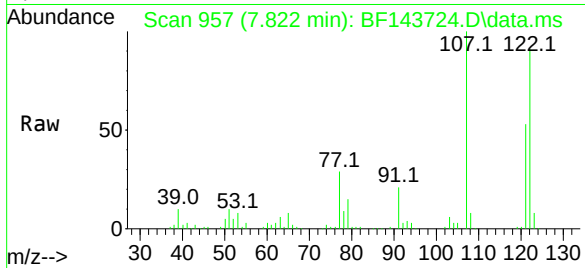
Tgt Ion:122 Resp: 90926

Ion Ratio Lower Upper

122 100

107 110.2 92.1 138.1

121 58.6 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.808 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

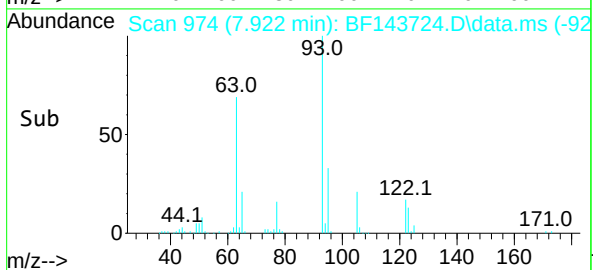
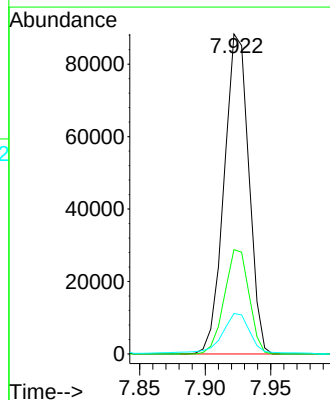
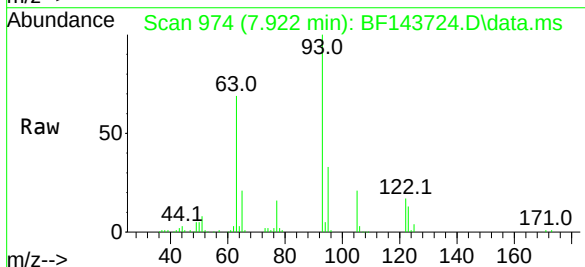
Tgt Ion: 93 Resp: 115675

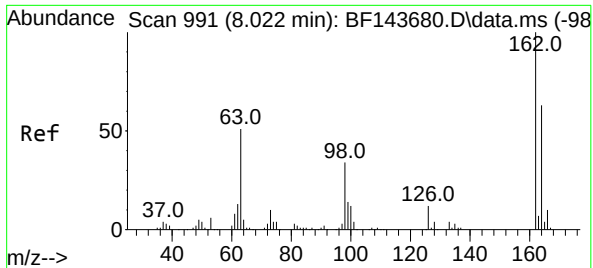
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 12.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.421 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

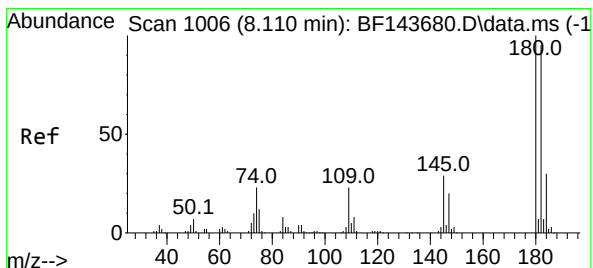
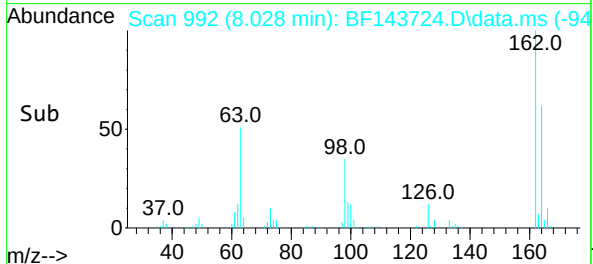
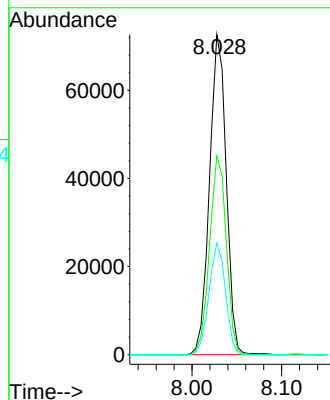
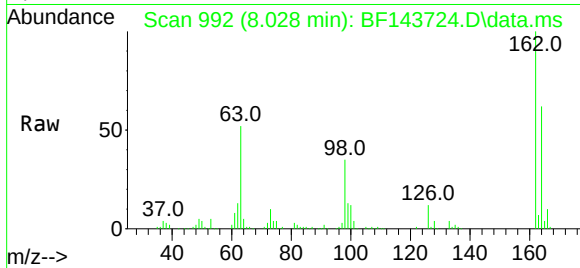
Tgt Ion:162 Resp: 94033

Ion Ratio Lower Upper

162 100

164 62.2 43.0 83.0

98 34.9 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 39.922 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

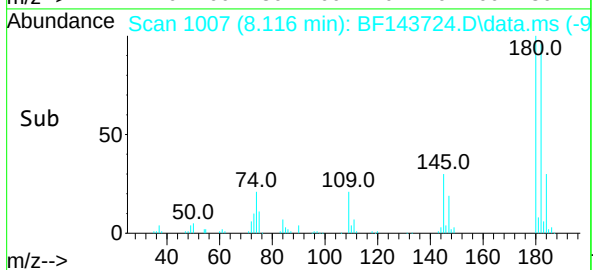
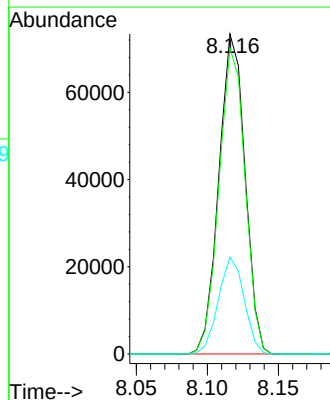
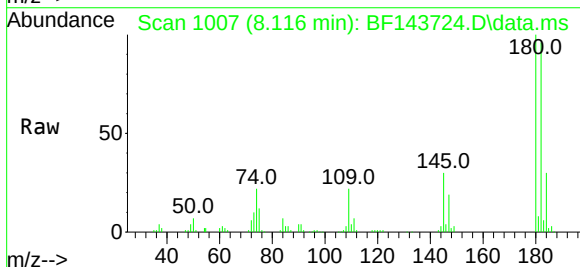
Tgt Ion:180 Resp: 93893

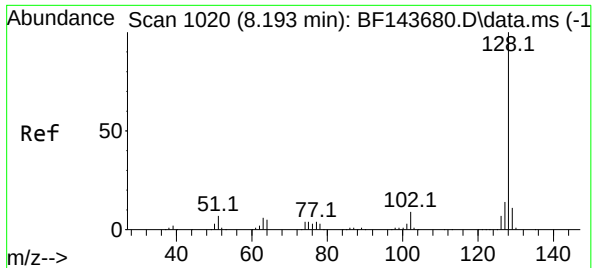
Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.4

145 30.2 23.2 34.8

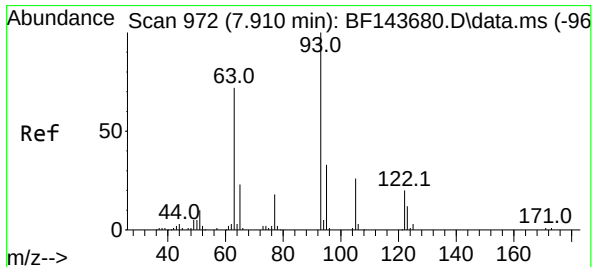
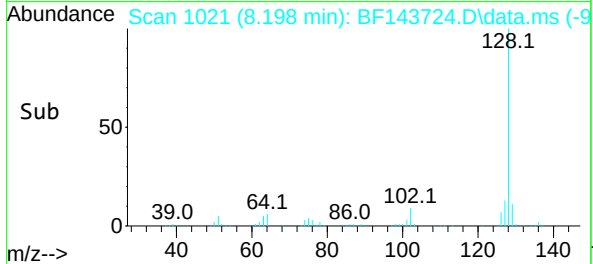
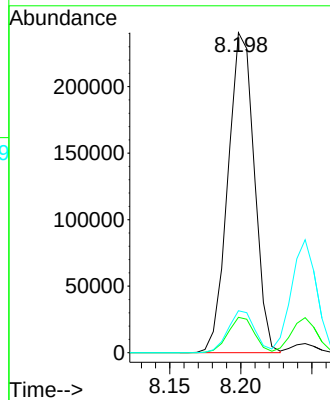
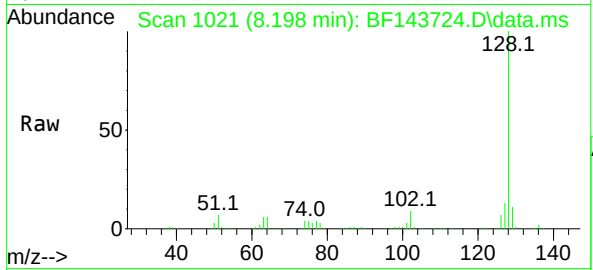




#31
Naphthalene
Concen: 40.831 ng
RT: 8.198 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

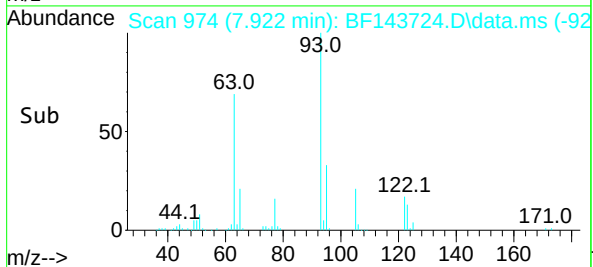
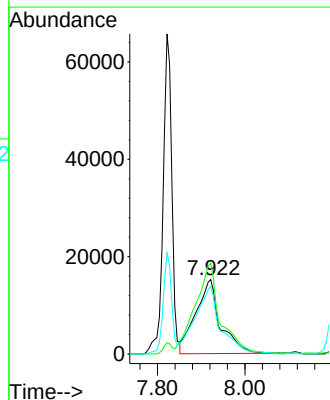
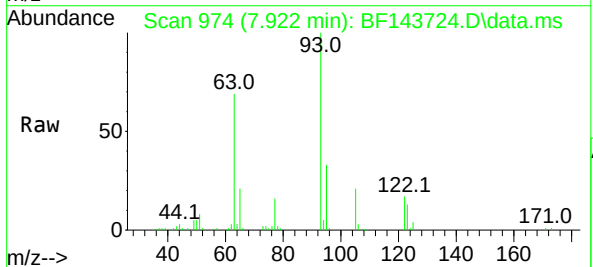
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

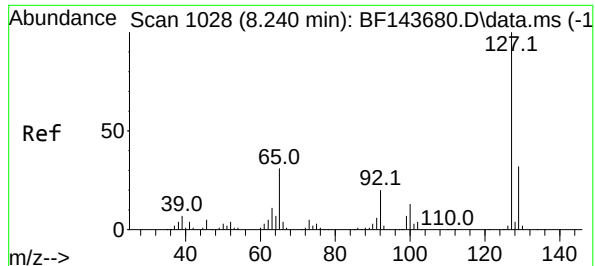
Tgt Ion:128 Resp: 310024
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 43.312 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:122 Resp: 59635
Ion Ratio Lower Upper
122 100
105 121.3 105.2 145.2
77 90.5 72.0 112.0





#33

4-Chloroaniline

Concen: 40.337 ng

RT: 8.245 min Scan# 1028

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 106620

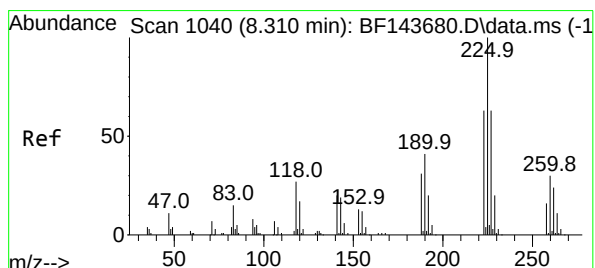
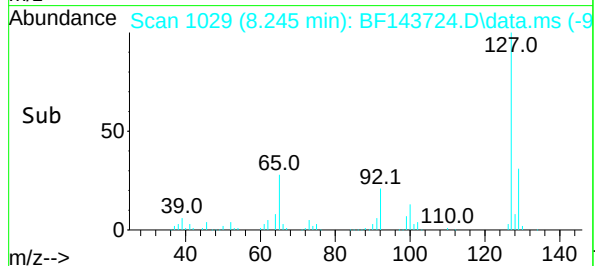
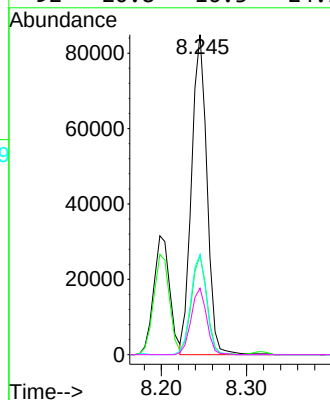
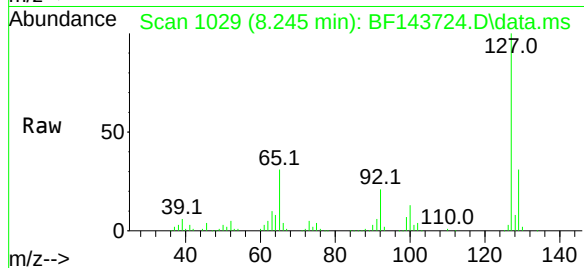
Ion Ratio Lower Upper

127 100

129 31.1 26.0 39.0

65 31.3 24.6 36.8

92 20.8 16.3 24.5



#34

Hexachlorobutadiene

Concen: 39.811 ng

RT: 8.316 min Scan# 1041

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

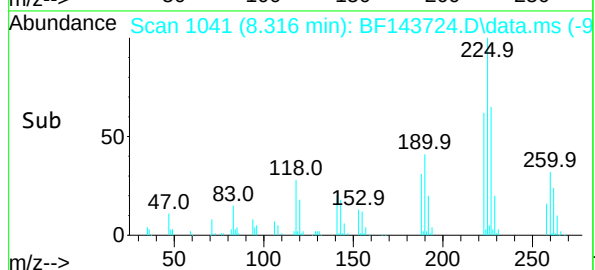
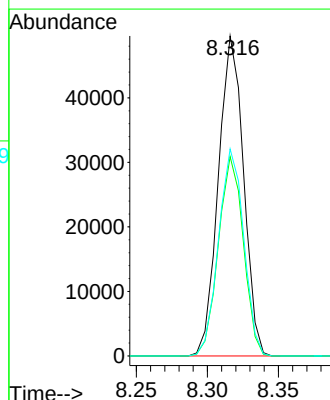
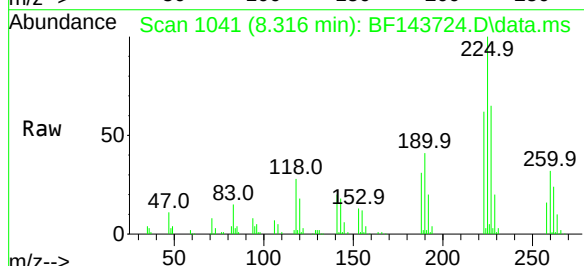
Tgt Ion:225 Resp: 61071

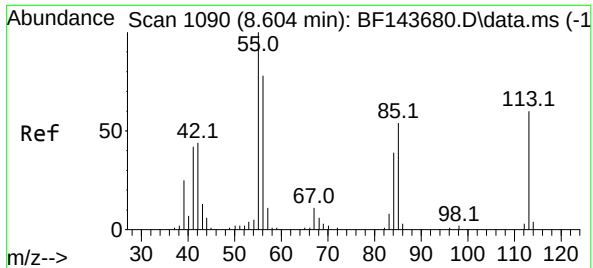
Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

227 64.7 50.8 76.2





#35

Caprolactam

Concen: 41.513 ng

RT: 8.616 min Scan# 1109

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

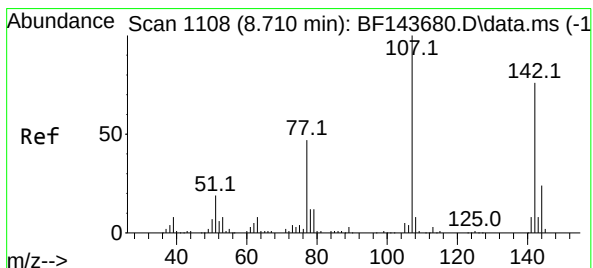
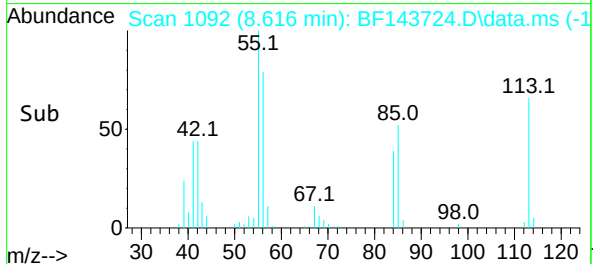
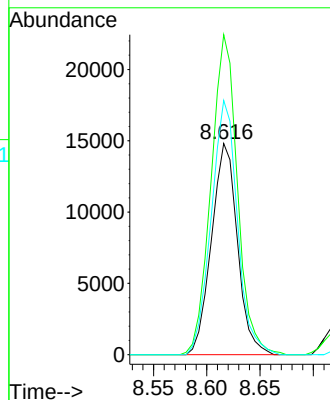
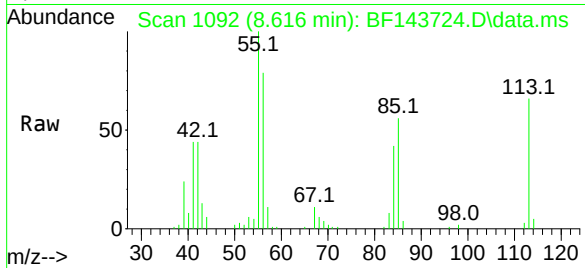
Tgt Ion:113 Resp: 25083

Ion Ratio Lower Upper

113 100

55 151.6 148.9 188.9

56 120.4 112.8 152.8



#36

4-Chloro-3-methylphenol

Concen: 40.478 ng

RT: 8.722 min Scan# 1110

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

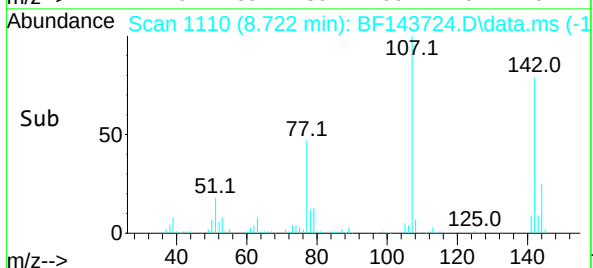
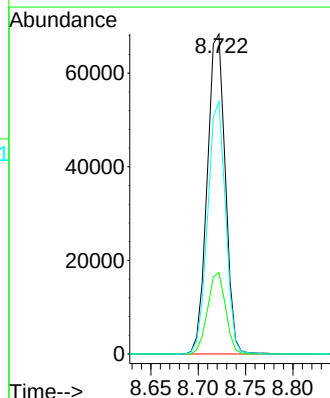
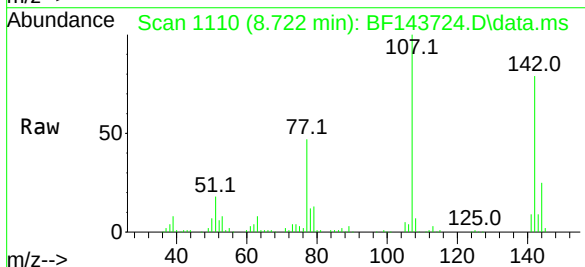
Tgt Ion:107 Resp: 90607

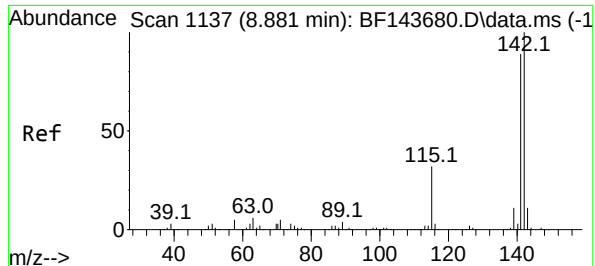
Ion Ratio Lower Upper

107 100

144 25.5 19.4 29.2

142 78.9 60.6 91.0





#37

2-Methylnaphthalene

Concen: 39.229 ng

RT: 8.892 min Scan# 1139

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

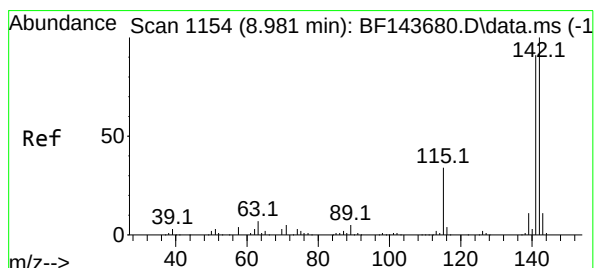
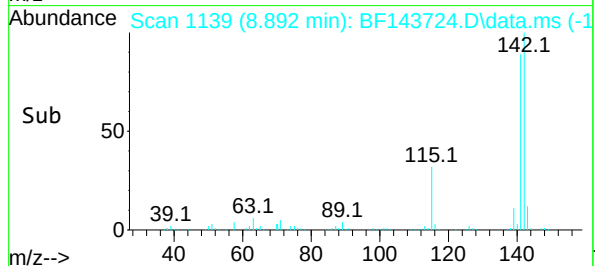
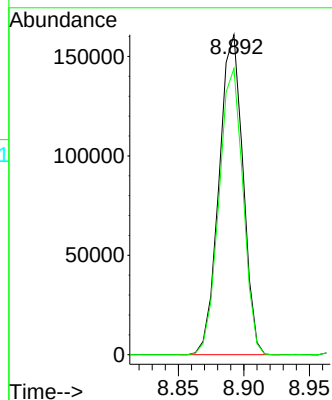
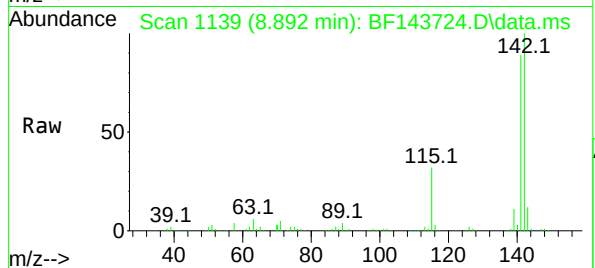
SSTDCCC040

Tgt Ion:142 Resp: 203892

Ion Ratio Lower Upper

142 100

141 89.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 40.289 ng

RT: 8.992 min Scan# 1156

Delta R.T. 0.012 min

Lab File: BF143724.D

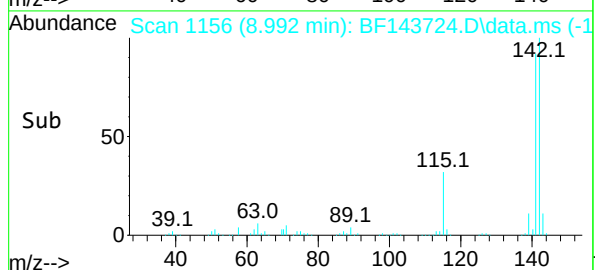
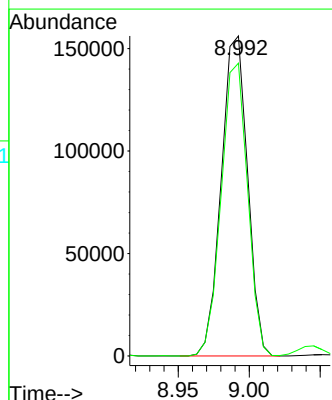
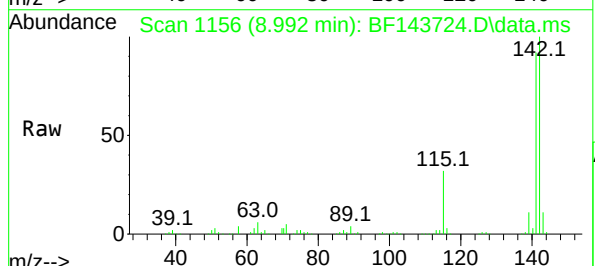
Acq: 12 Sep 2025 10:43

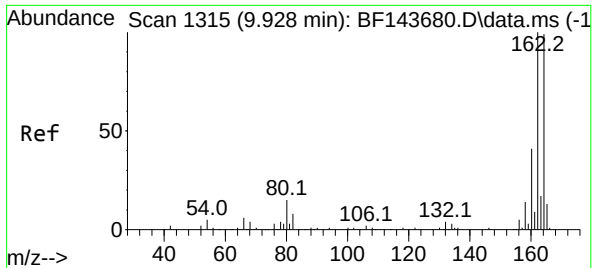
Tgt Ion:142 Resp: 200959

Ion Ratio Lower Upper

142 100

141 91.5 72.9 109.3

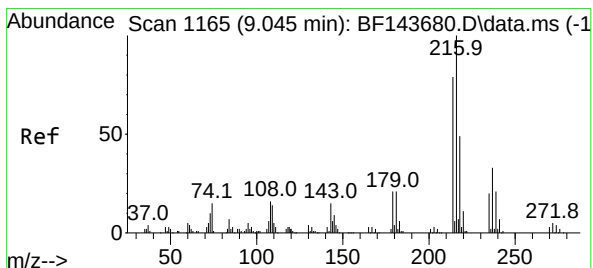
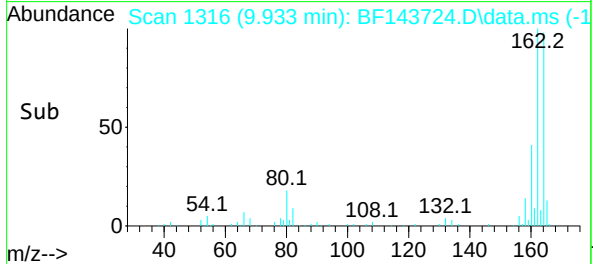
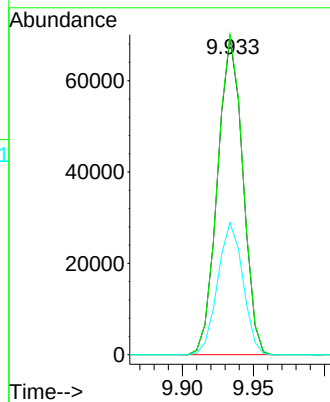
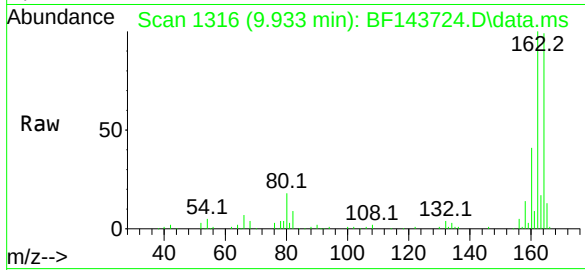




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

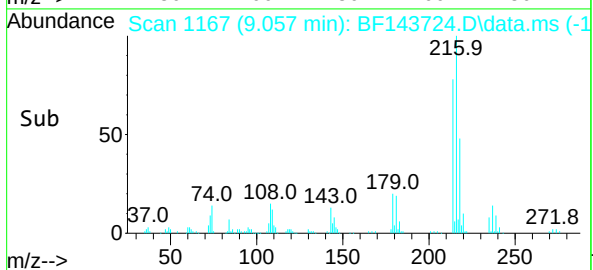
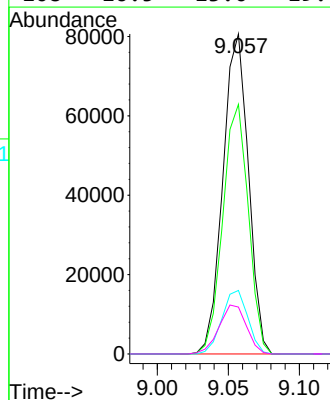
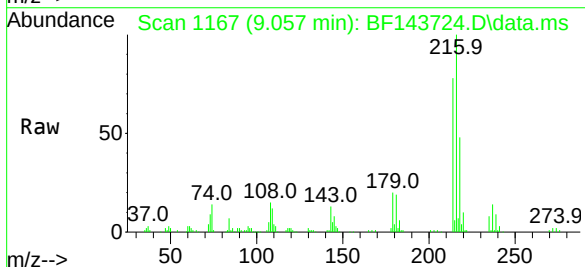
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

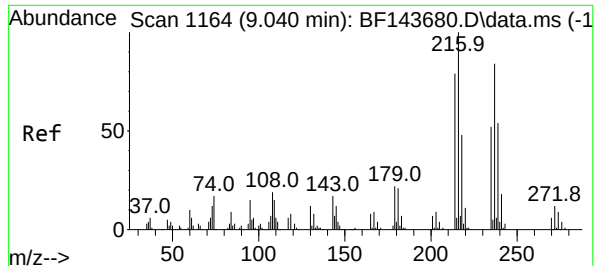
Tgt Ion:164 Resp: 85989
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 41.6 33.0 49.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.929 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:216 Resp: 100757
Ion Ratio Lower Upper
216 100
214 77.9 63.2 94.8
179 20.2 16.8 25.2
108 16.5 13.0 19.6

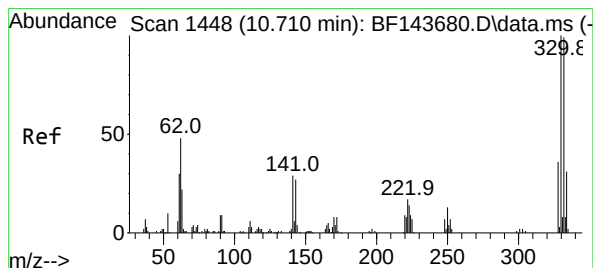
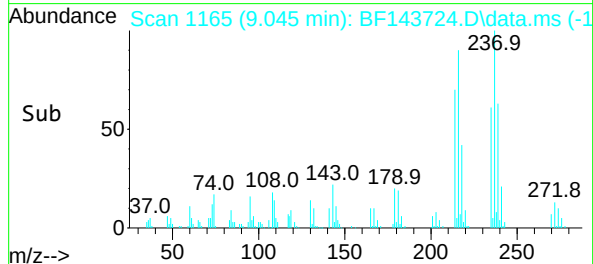
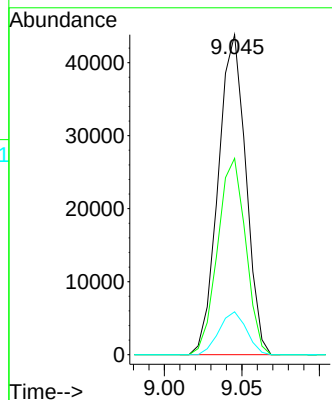
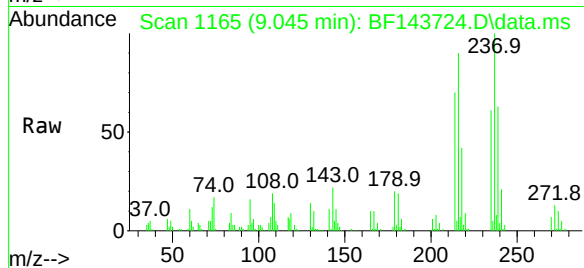




#41
Hexachlorocyclopentadiene
Concen: 43.009 ng
RT: 9.045 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

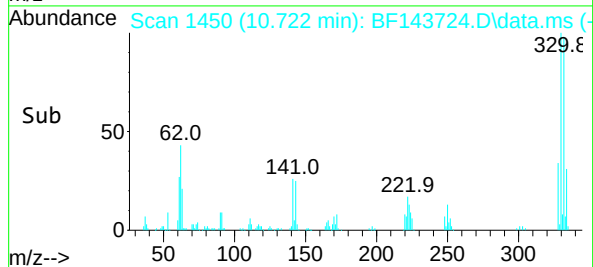
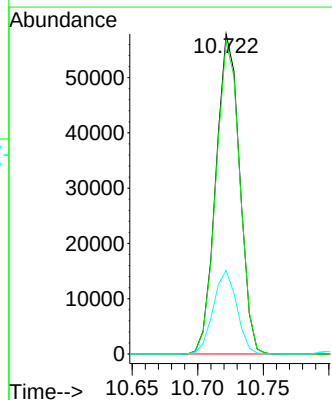
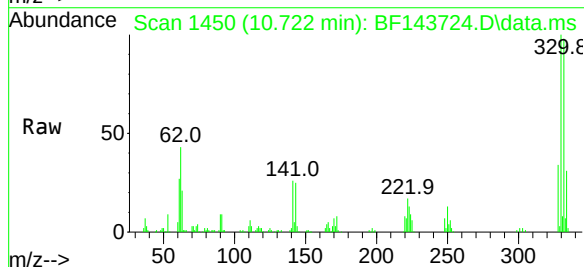
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

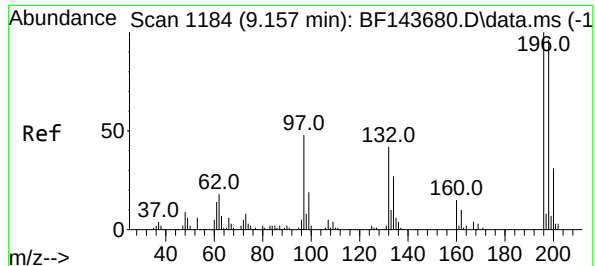
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	41.6	81.6
272	13.4	0.0	33.9



#42
2,4,6-Tribromophenol
Concen: 83.811 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.2	118.8
141	25.8	22.2	33.4





#43

2,4,6-Trichlorophenol

Concen: 41.351 ng

RT: 9.163 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

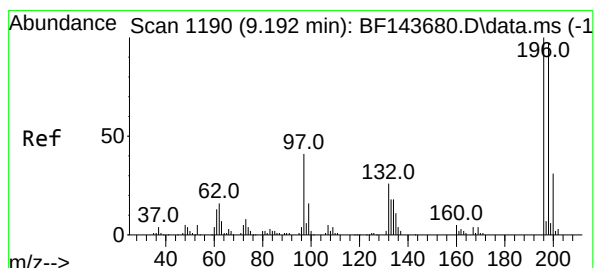
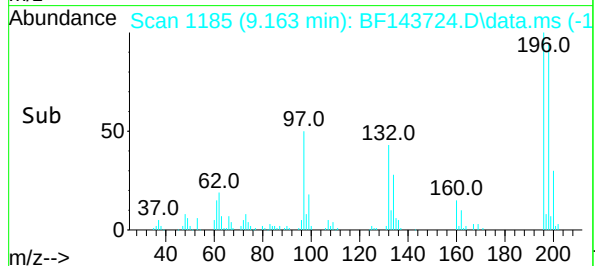
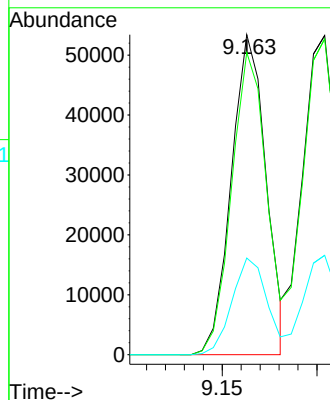
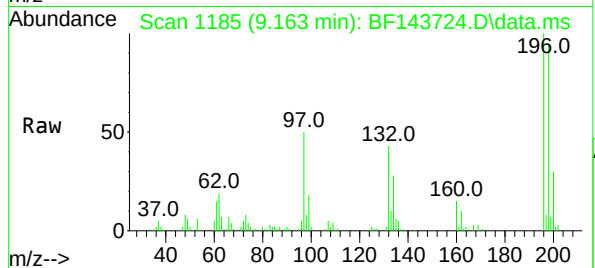
Tgt Ion:196 Resp: 67973

Ion Ratio Lower Upper

196 100

198 94.4 76.5 114.7

200 30.2 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.899 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Tgt Ion:196 Resp: 70017

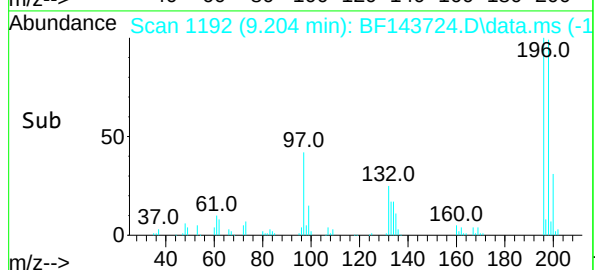
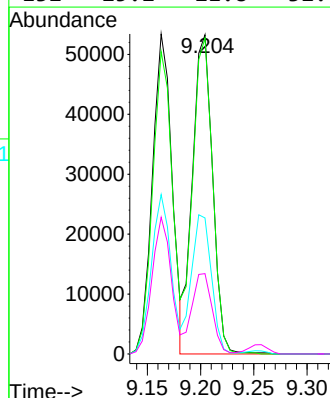
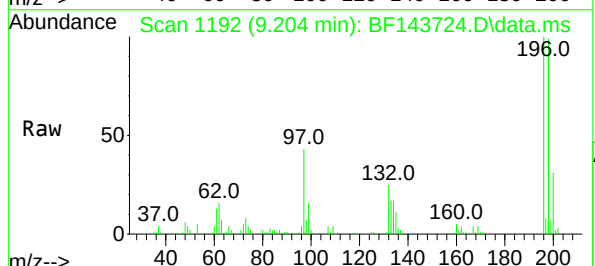
Ion Ratio Lower Upper

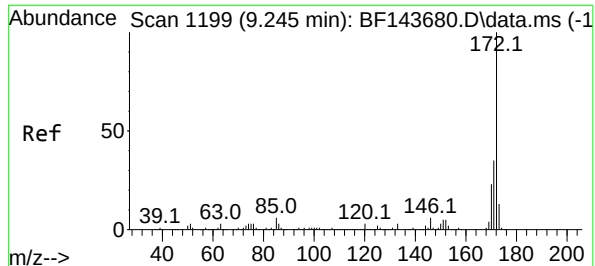
196 100

198 98.9 77.0 115.6

97 42.6 34.2 51.4

132 25.2 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 80.728 ng

RT: 9.257 min Scan# 1199

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

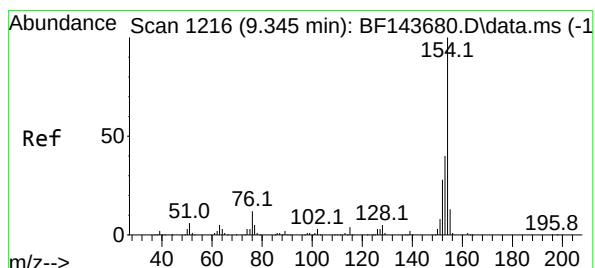
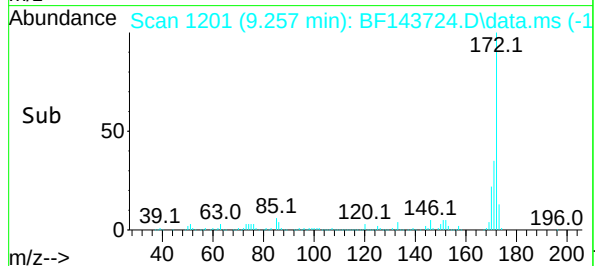
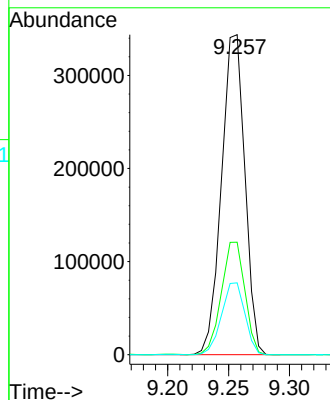
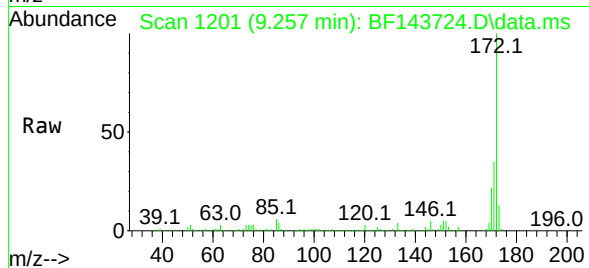
Tgt Ion:172 Resp: 459530

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 22.5 18.6 27.8



#46

1,1'-Biphenyl

Concen: 41.305 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

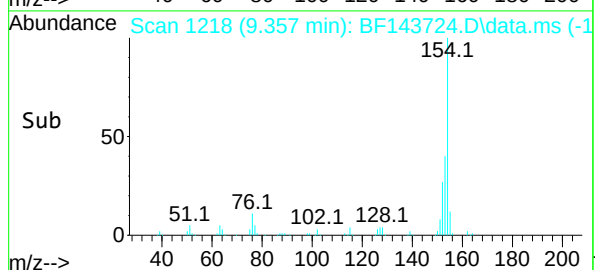
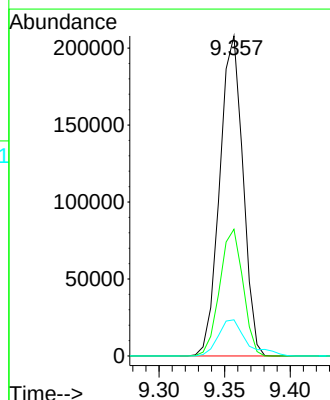
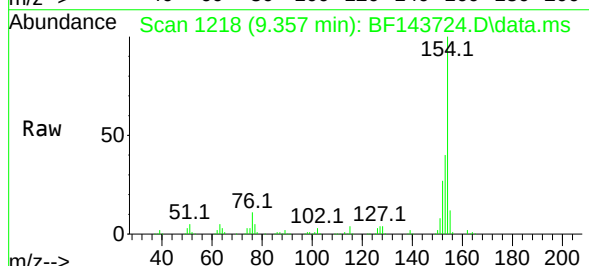
Tgt Ion:154 Resp: 255703

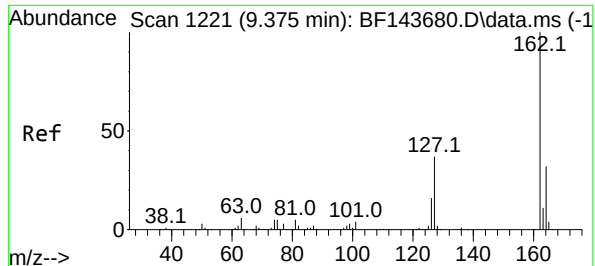
Ion Ratio Lower Upper

154 100

153 39.6 20.2 60.2

76 11.3 0.0 31.6





#47

2-Chloronaphthalene

Concen: 40.495 ng

RT: 9.381 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

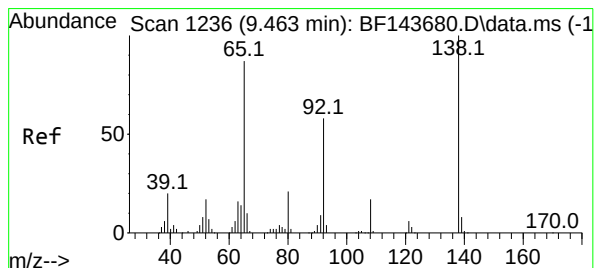
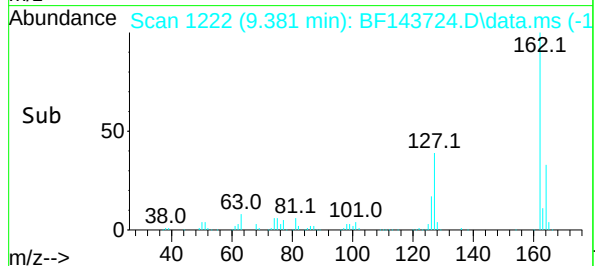
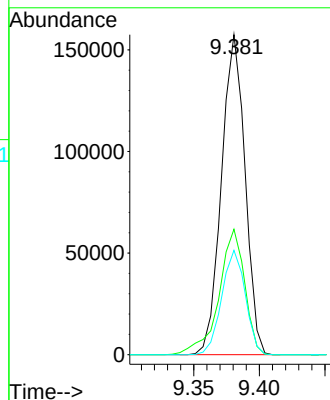
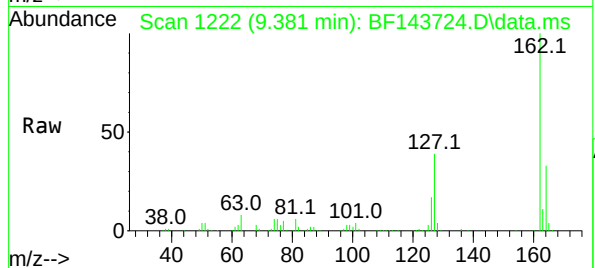
Tgt Ion:162 Resp: 196526

Ion Ratio Lower Upper

162 100

127 39.2 30.6 45.8

164 32.6 25.8 38.8



#48

2-Nitroaniline

Concen: 42.597 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

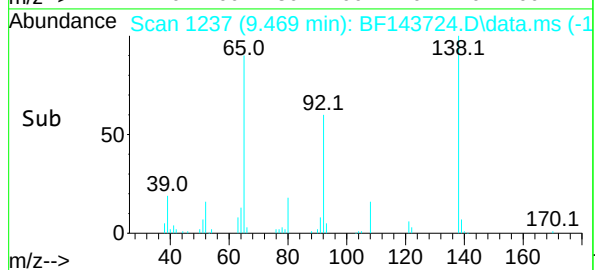
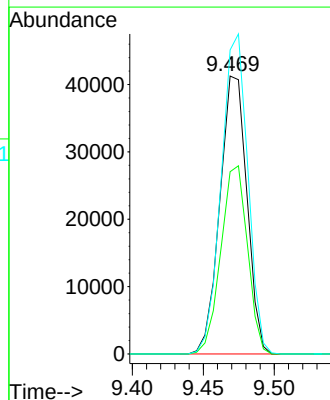
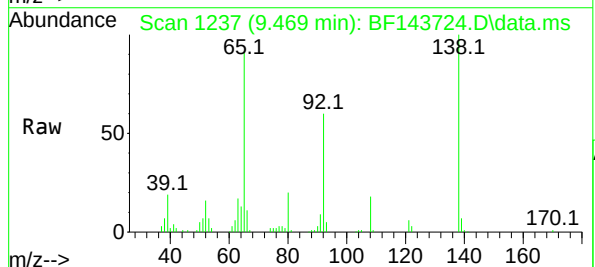
Tgt Ion: 65 Resp: 54708

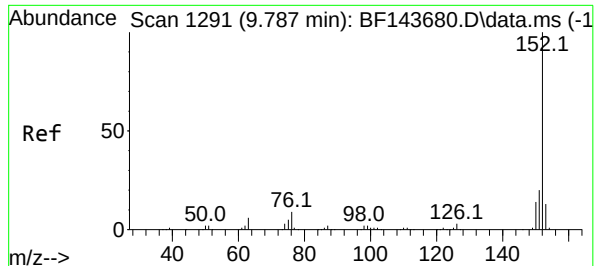
Ion Ratio Lower Upper

65 100

92 65.6 53.3 79.9

138 109.4 92.1 138.1





#49

Acenaphthylene

Concen: 40.293 ng

RT: 9.792 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

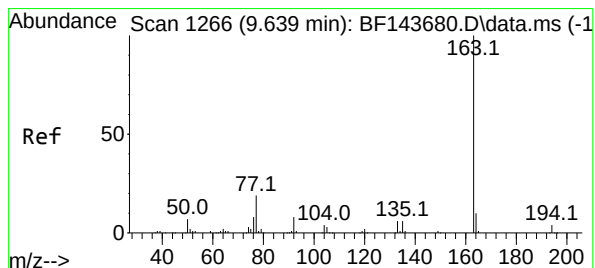
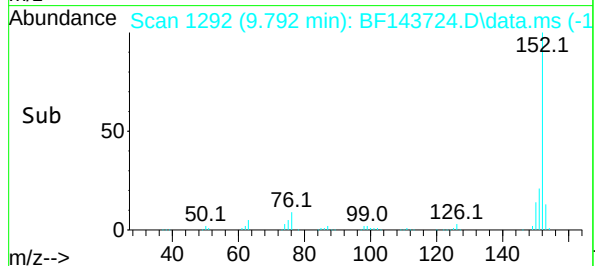
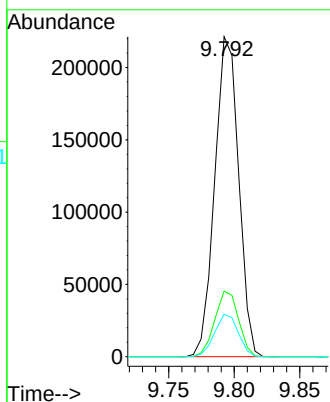
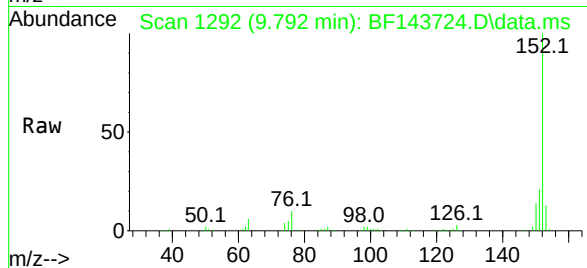
Tgt Ion:152 Resp: 280105

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 40.804 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

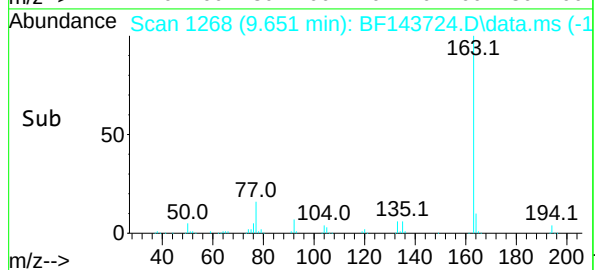
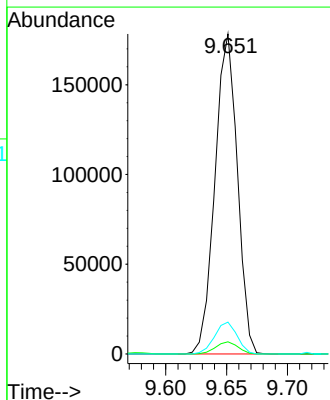
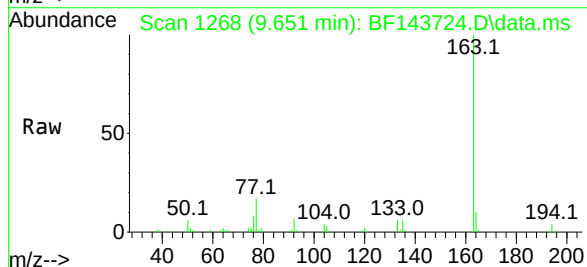
Tgt Ion:163 Resp: 228289

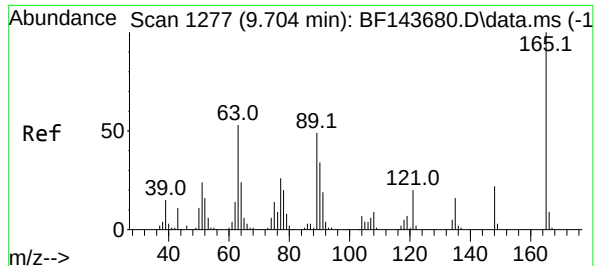
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 9.9 8.0 12.0

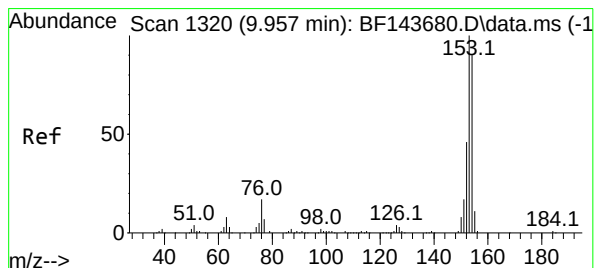
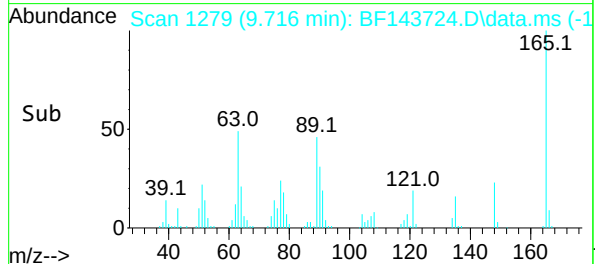
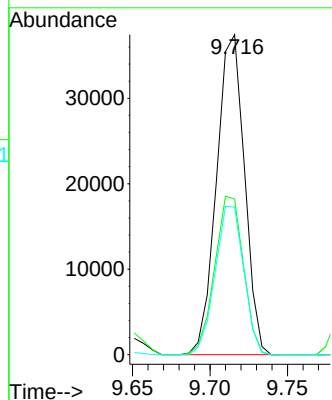
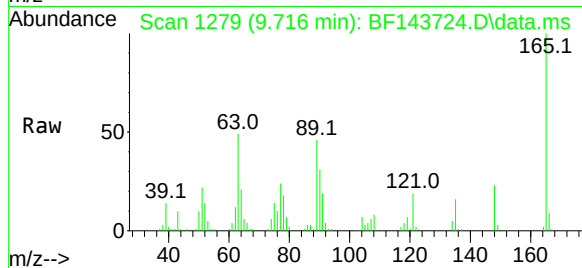




#51
2,6-Dinitrotoluene
Concen: 43.968 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

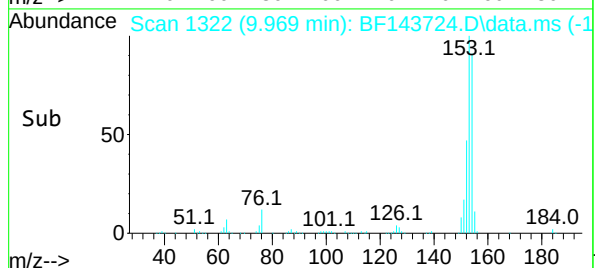
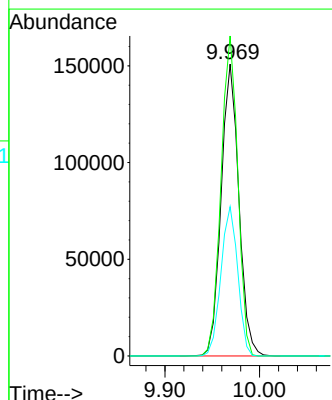
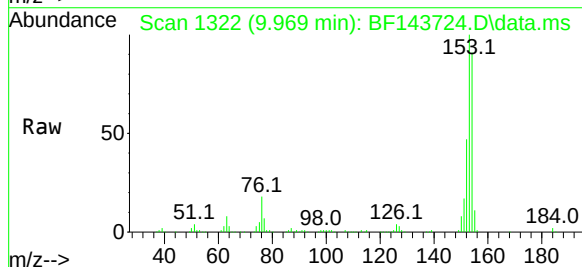
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

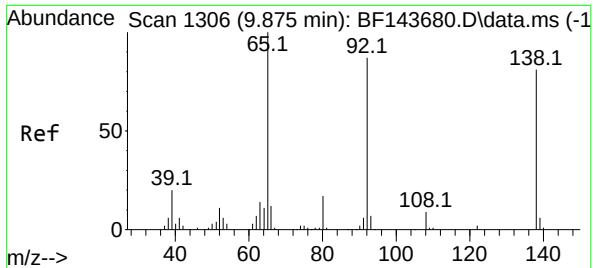
Tgt Ion:165 Resp: 47032
Ion Ratio Lower Upper
165 100
63 48.6 42.2 63.4
89 46.1 39.3 58.9



#52
Acenaphthene
Concen: 41.003 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:154 Resp: 196423
Ion Ratio Lower Upper
154 100
153 109.7 89.4 134.0
152 51.2 41.2 61.8

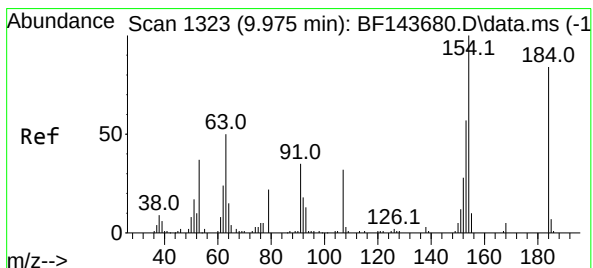
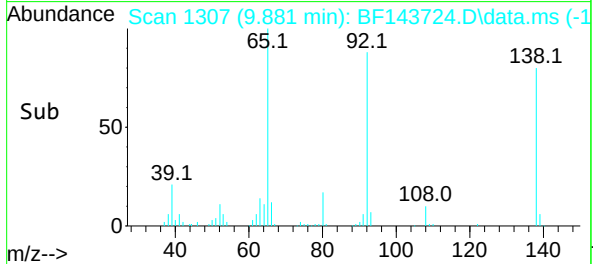
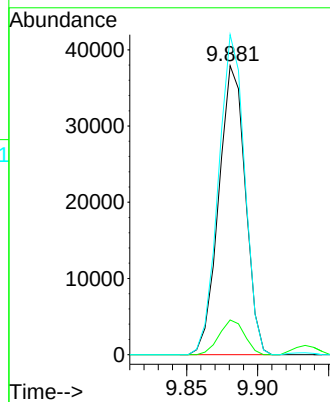
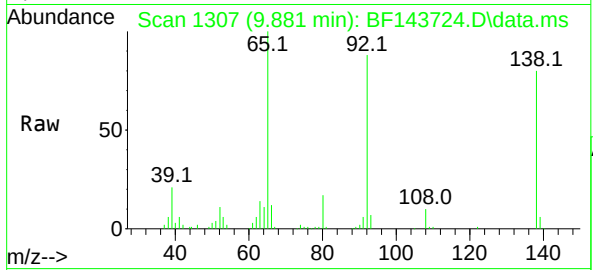




#53
3-Nitroaniline
Concen: 42.807 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

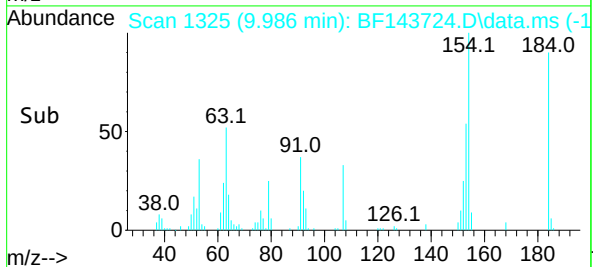
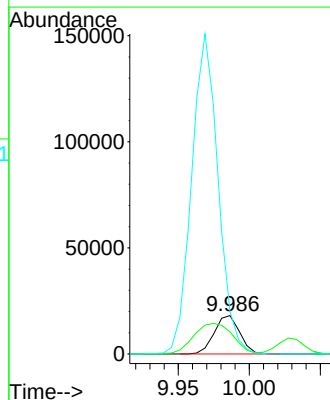
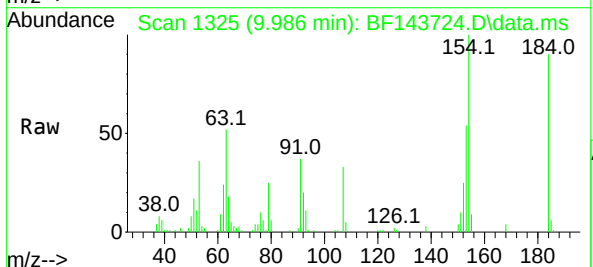
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

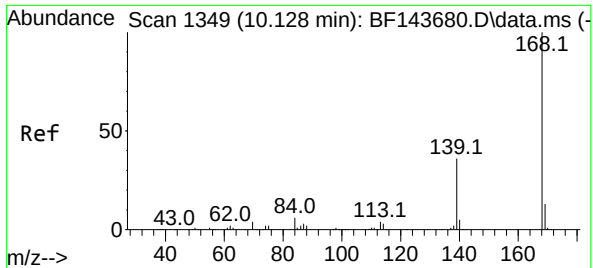
Tgt Ion:138 Resp: 49278
Ion Ratio Lower Upper
138 100
108 12.0 8.6 12.8
92 110.7 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 42.045 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:184 Resp: 22553
Ion Ratio Lower Upper
184 100
63 57.5 52.7 79.1
154 111.0 136.6 204.8#





#55

Dibenzenofuran

Concen: 40.675 ng

RT: 10.139 min Scan# 1351

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

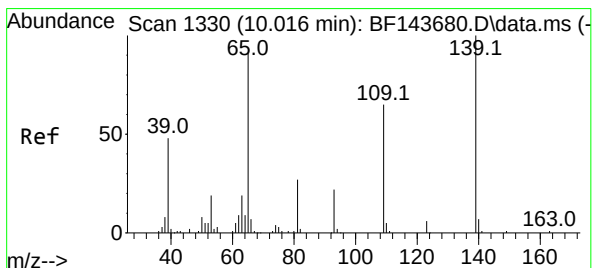
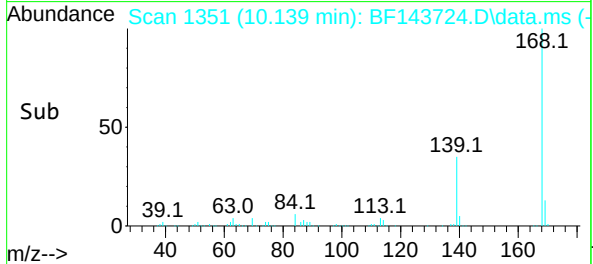
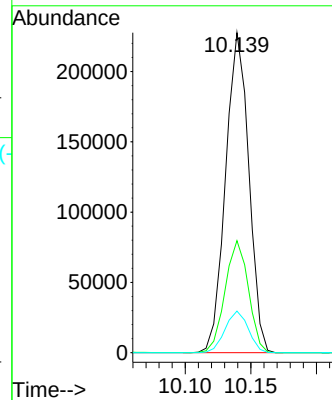
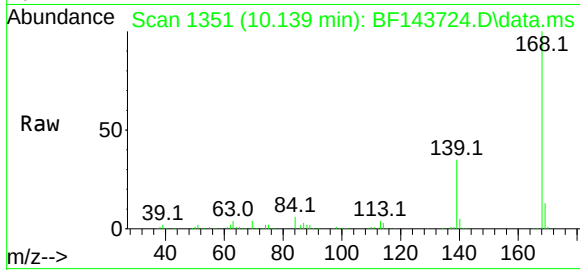
Tgt Ion:168 Resp: 280182

Ion Ratio Lower Upper

168 100

139 35.0 29.0 43.4

169 13.0 10.8 16.2



#56

4-Nitrophenol

Concen: 41.462 ng

RT: 10.028 min Scan# 1332

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

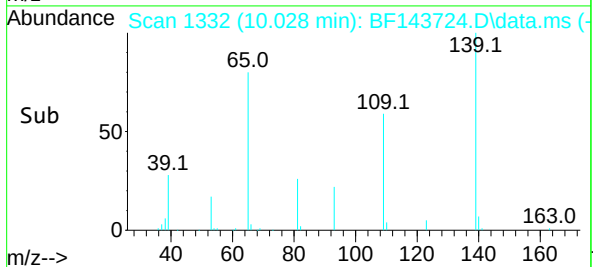
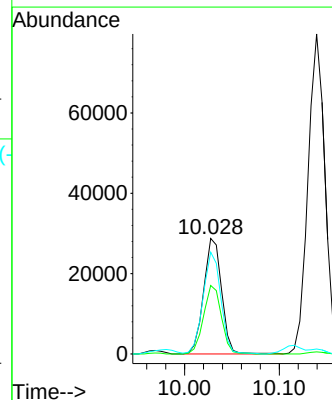
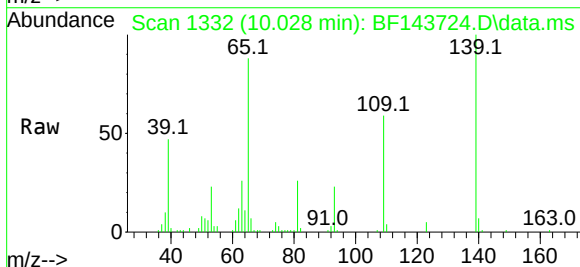
Tgt Ion:139 Resp: 37972

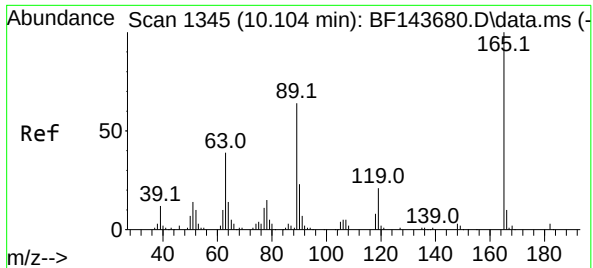
Ion Ratio Lower Upper

139 100

109 59.3 45.2 85.2

65 88.1 72.1 112.1

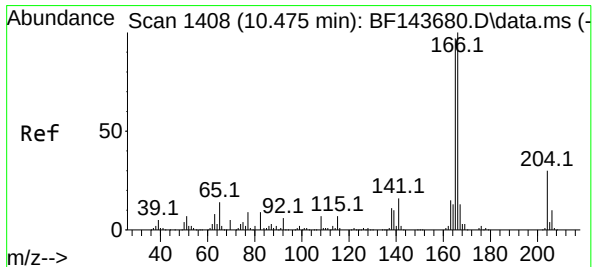
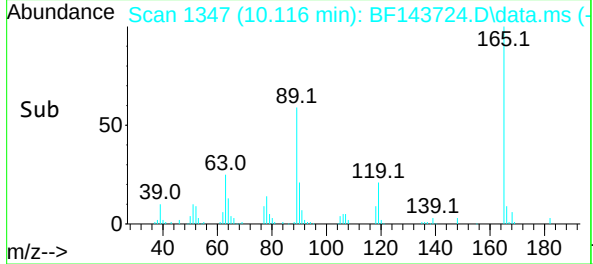
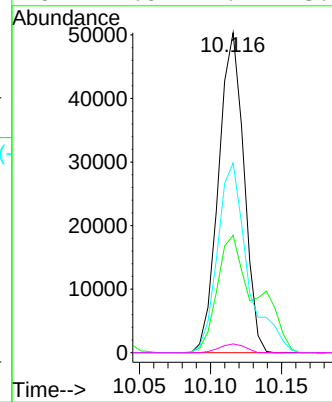
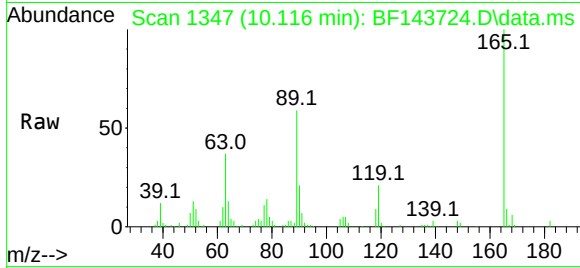




#57
2,4-Dinitrotoluene
Concen: 42.911 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

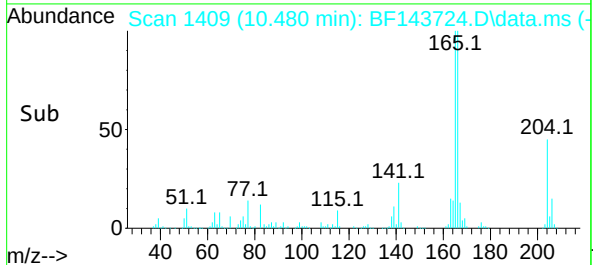
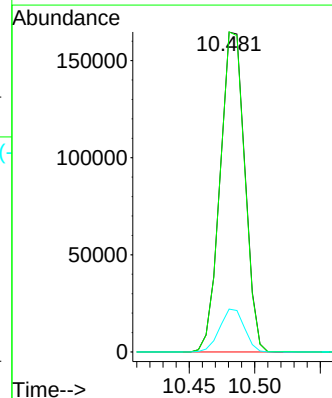
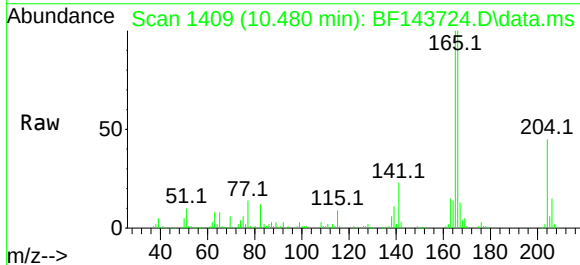
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

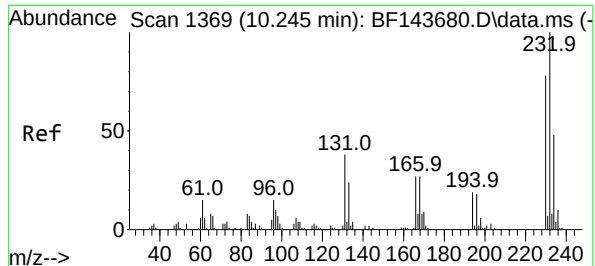
Tgt Ion:165 Resp: 62472
Ion Ratio Lower Upper
165 100
63 36.7 31.5 47.3
89 59.3 51.3 76.9
182 2.8 2.2 3.4



#58
Fluorene
Concen: 39.963 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:166 Resp: 215487
Ion Ratio Lower Upper
166 100
165 100.0 77.5 116.3
167 13.4 10.2 15.2

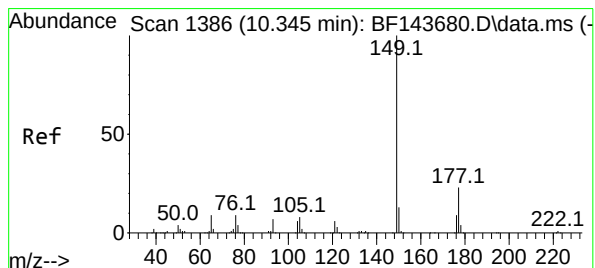
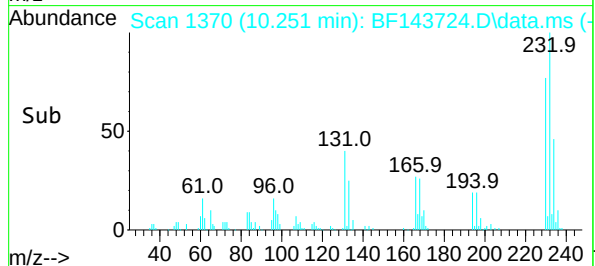
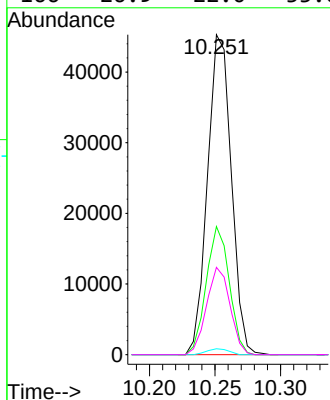
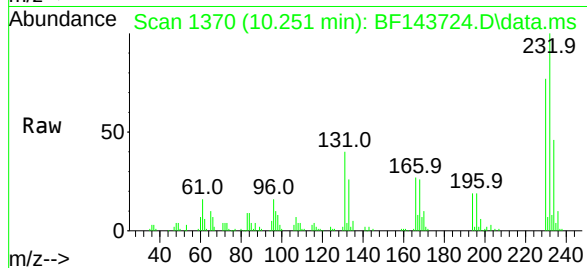




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.205 ng
RT: 10.251 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

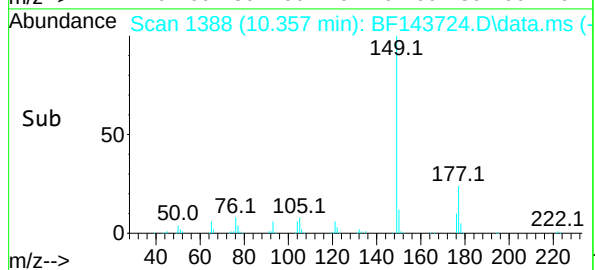
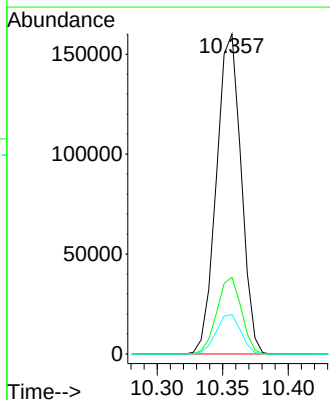
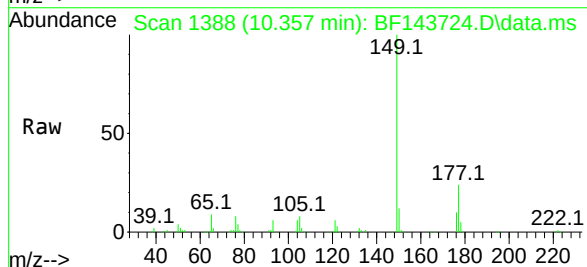
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

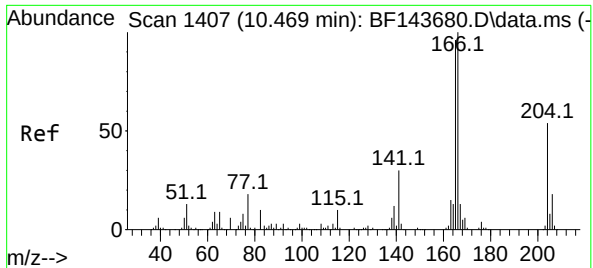
Tgt Ion:232 Resp: 57189
Ion Ratio Lower Upper
232 100
131 38.7 31.9 47.9
130 1.7 1.4 2.0
166 26.9 22.0 33.0



#60
Diethylphthalate
Concen: 39.864 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:149 Resp: 209385
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.2
150 12.3 10.0 15.0

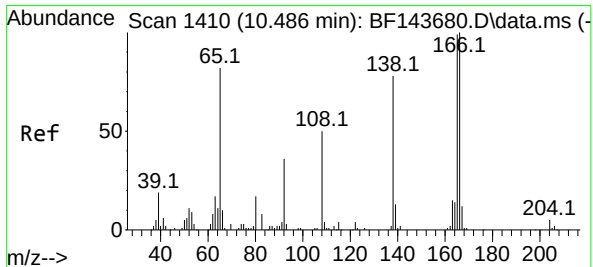
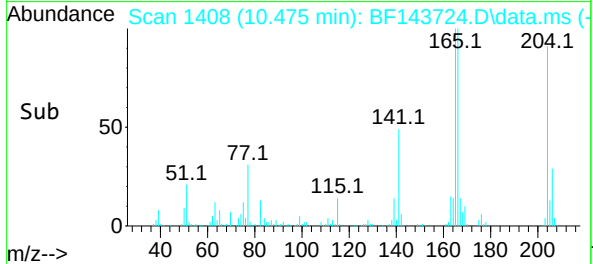
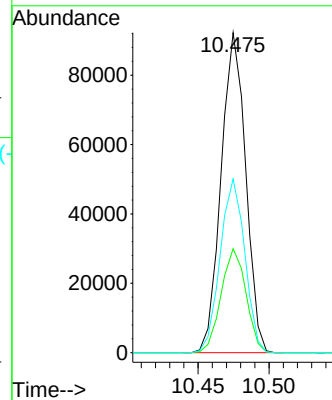
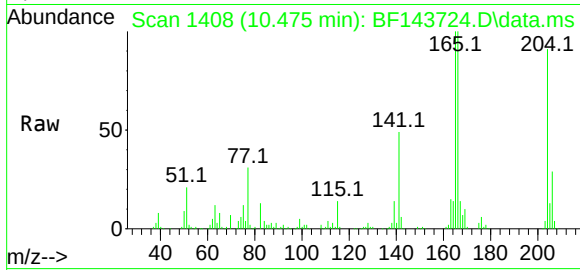




#61
4-Chlorophenyl-phenylether
Concen: 40.525 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

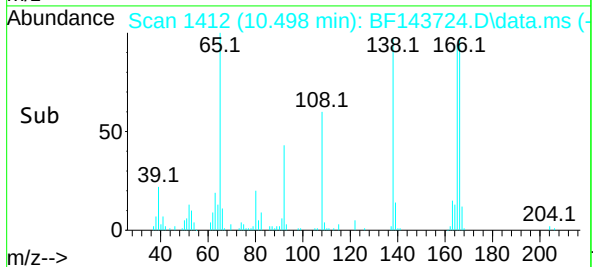
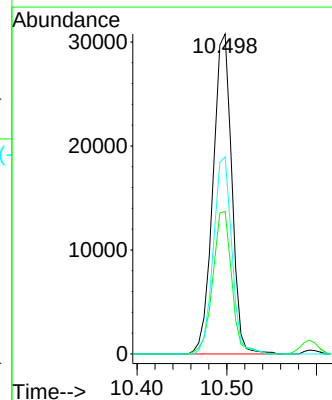
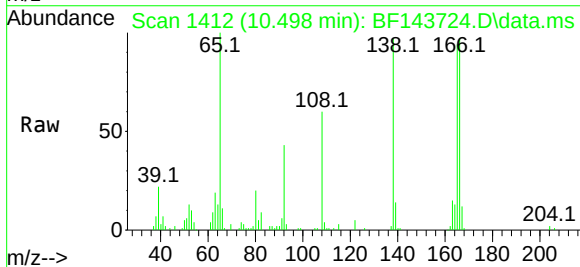
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

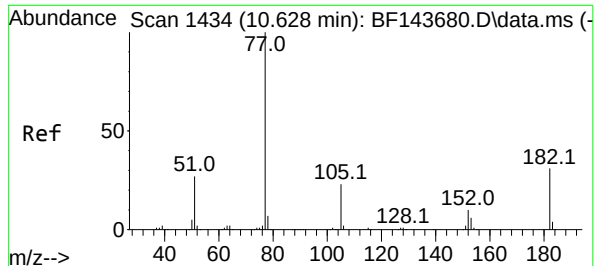
Tgt Ion:204 Resp: 110821
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 54.3 44.8 67.2



#62
4-Nitroaniline
Concen: 41.018 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:138 Resp: 44721
Ion Ratio Lower Upper
138 100
92 44.5 26.4 66.4
108 61.6 44.3 84.3

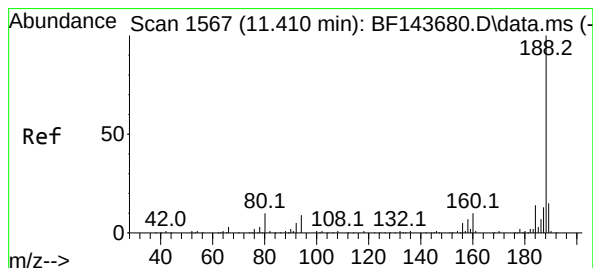
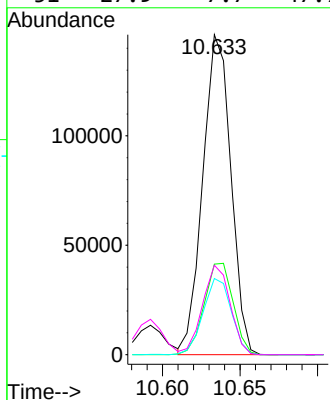
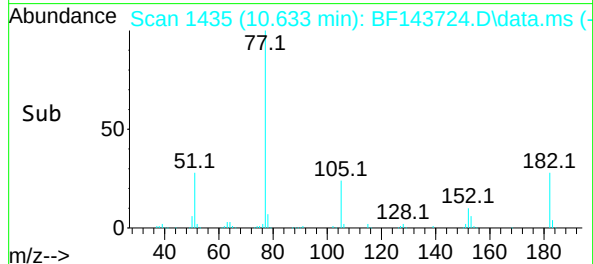
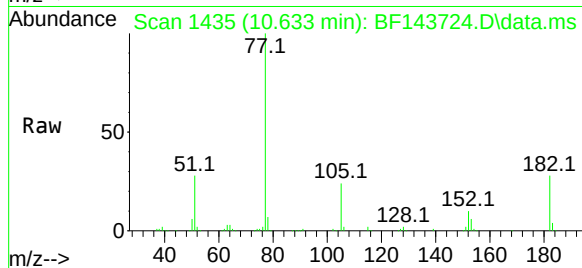




#63
Azobenzene
Concen: 39.710 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

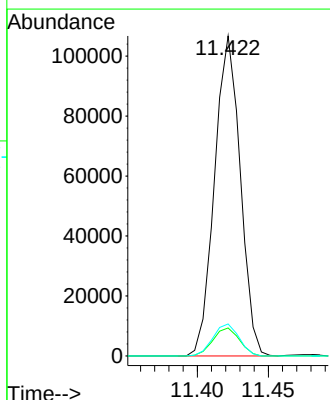
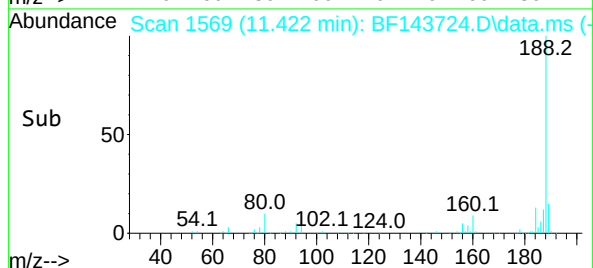
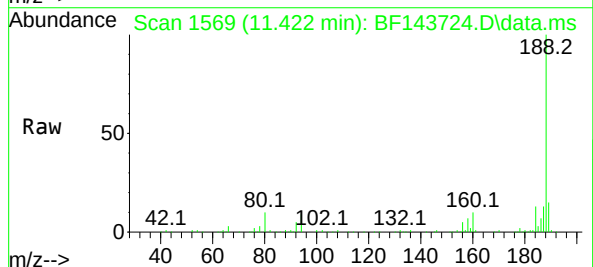
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

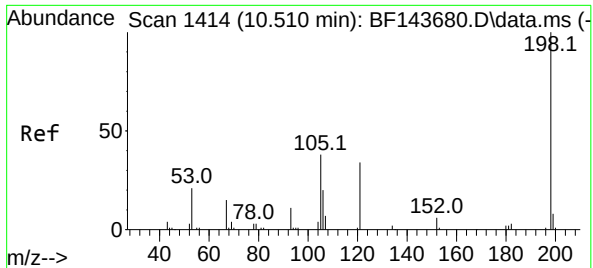
Tgt Ion: 77 Resp: 184395
Ion Ratio Lower Upper
77 100
182 28.3 10.8 50.8
105 23.8 3.2 43.2
51 27.9 7.7 47.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion: 188 Resp: 134354
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 10.0 7.7 11.5

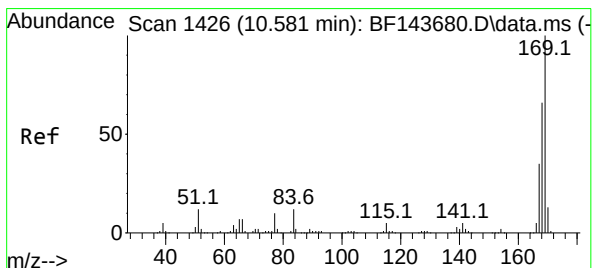
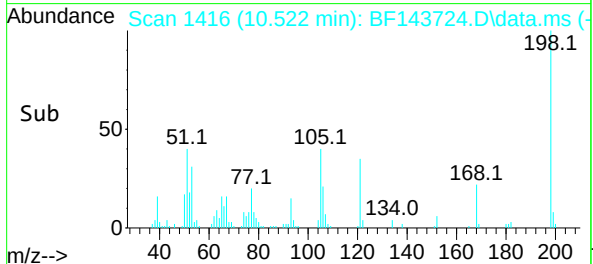
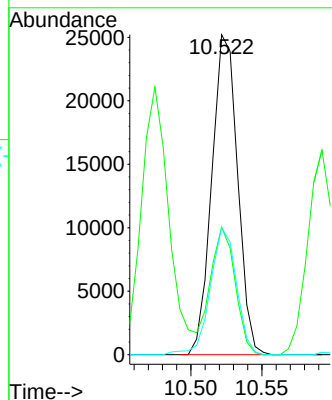
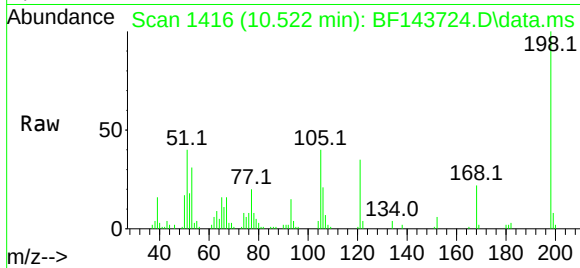




#65
4,6-Dinitro-2-methylphenol
Concen: 46.511 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

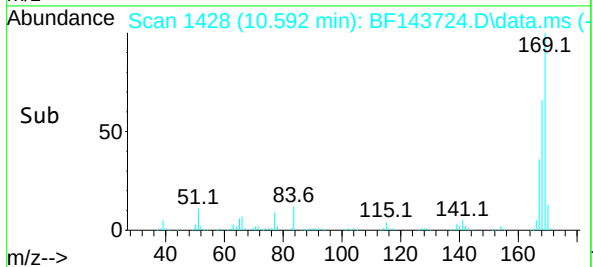
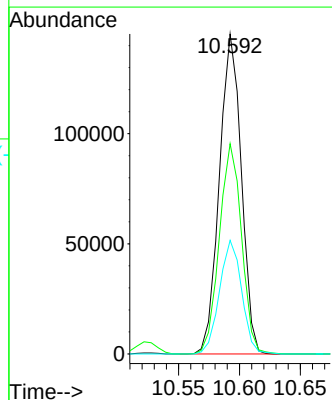
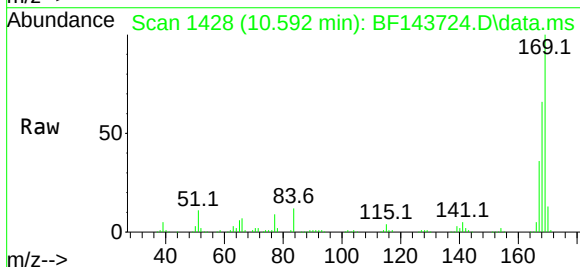
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

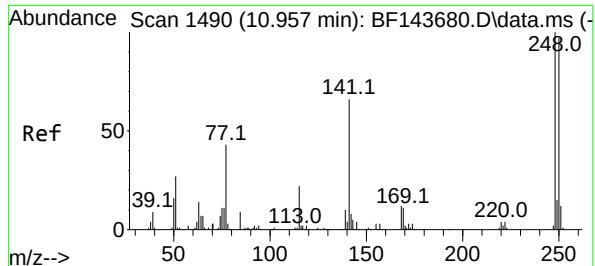
Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.9	21.2	61.2
105	39.7	19.0	59.0



#66
n-Nitrosodiphenylamine
Concen: 41.324 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.0	79.6
167	35.5	28.1	42.1

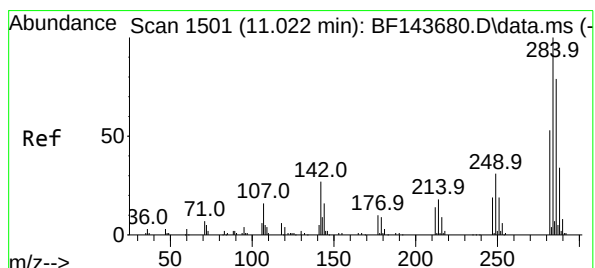
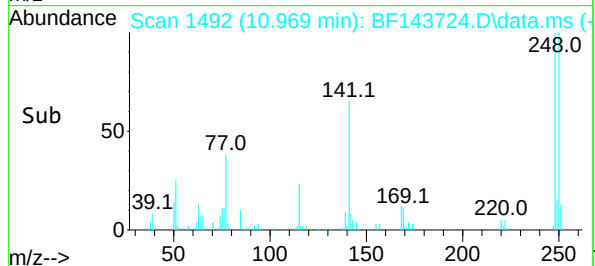
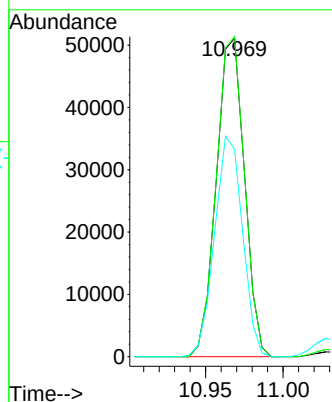
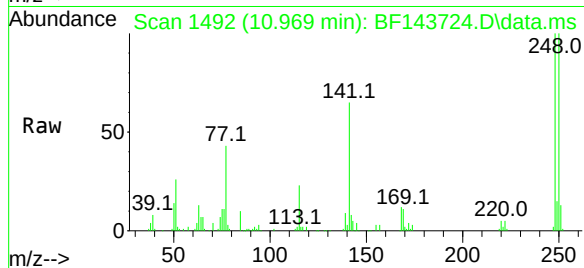




#67
4-Bromophenyl-phenylether
Concen: 39.918 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

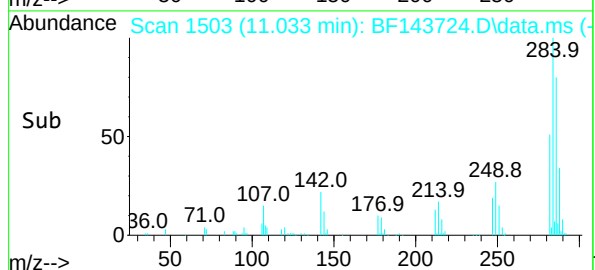
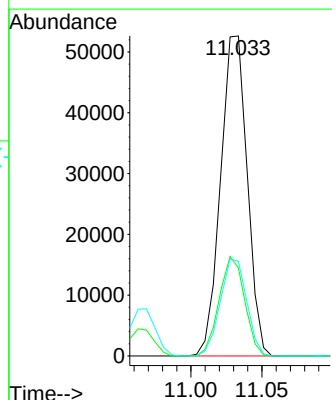
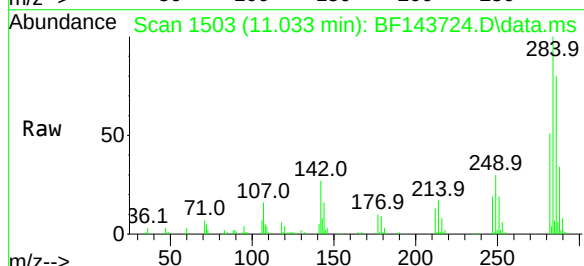
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

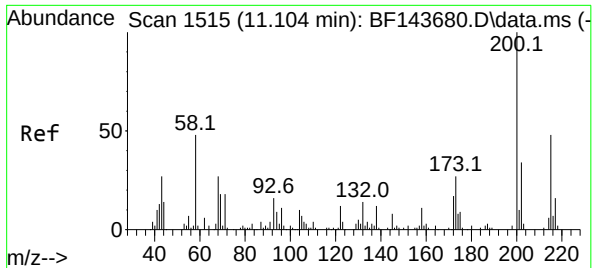
Tgt Ion:248 Resp: 64674
Ion Ratio Lower Upper
248 100
250 100.5 77.5 116.3
141 65.2 52.6 79.0



#68
Hexachlorobenzene
Concen: 40.134 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:284 Resp: 68659
Ion Ratio Lower Upper
284 100
142 27.4 21.3 31.9
249 29.5 25.0 37.4





#69

Atrazine

Concen: 39.847 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

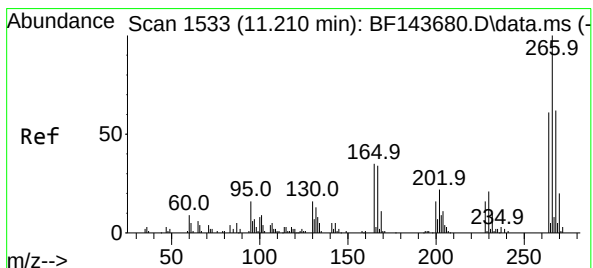
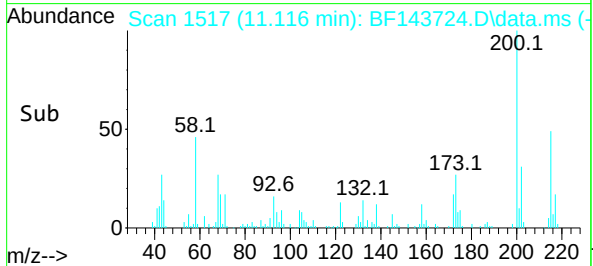
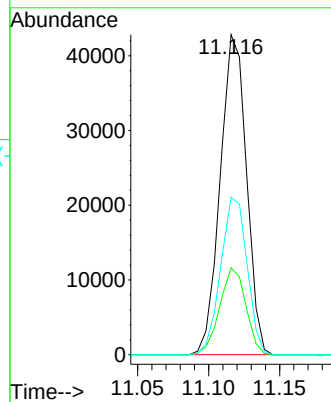
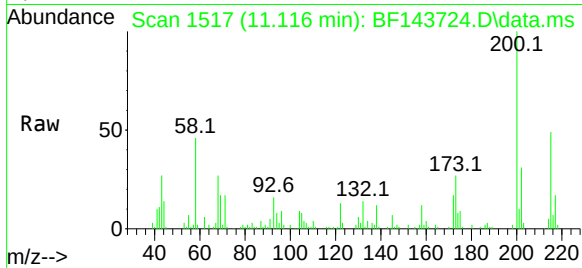
Tgt Ion:200 Resp: 54991

Ion Ratio Lower Upper

200 100

173 27.2 7.3 47.3

215 49.2 28.5 68.5



#70

Pentachlorophenol

Concen: 41.832 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

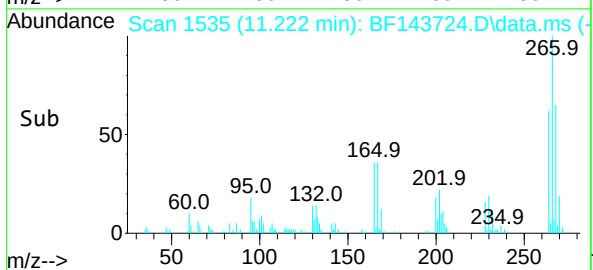
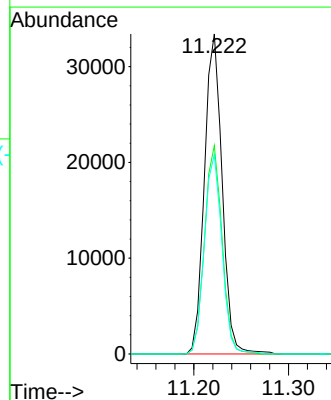
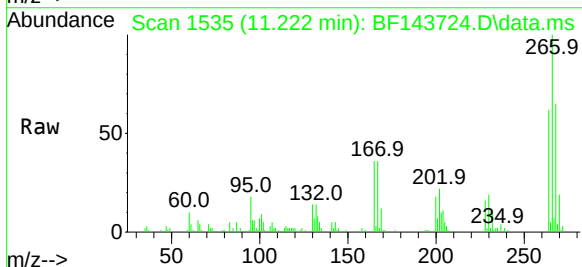
Tgt Ion:266 Resp: 43261

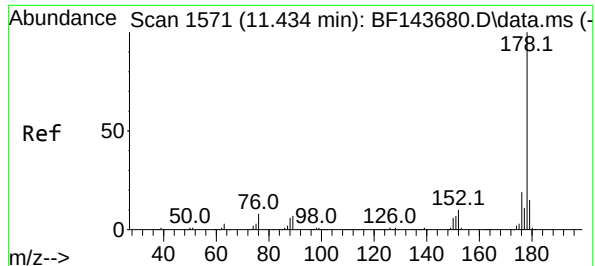
Ion Ratio Lower Upper

266 100

268 65.1 49.2 73.8

264 62.3 48.6 73.0





#71

Phenanthrene

Concen: 40.100 ng

RT: 11.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

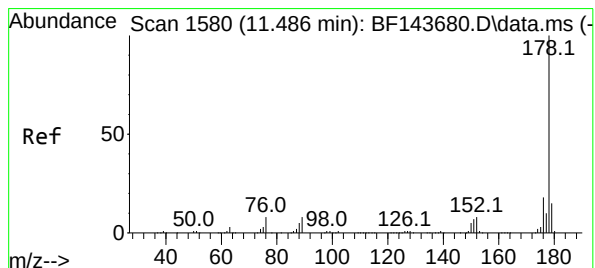
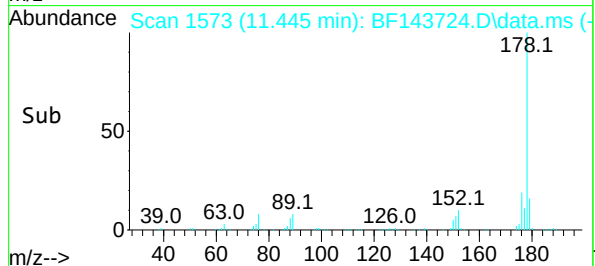
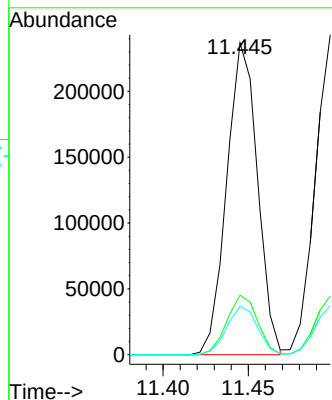
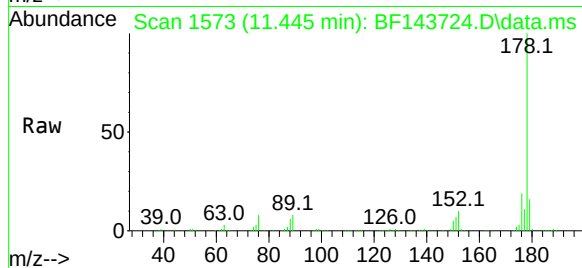
Tgt Ion:178 Resp: 296849

Ion Ratio Lower Upper

178 100

176 19.1 14.8 22.2

179 15.6 12.2 18.2



#72

Anthracene

Concen: 40.310 ng

RT: 11.498 min Scan# 1582

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

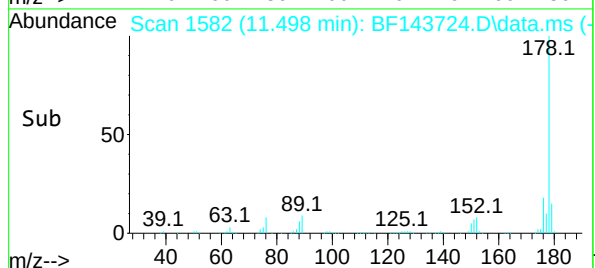
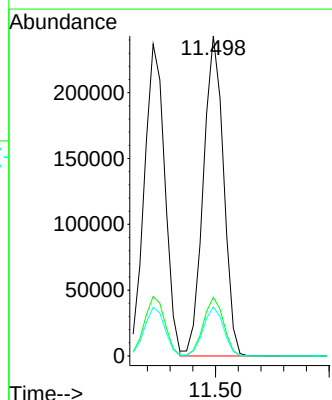
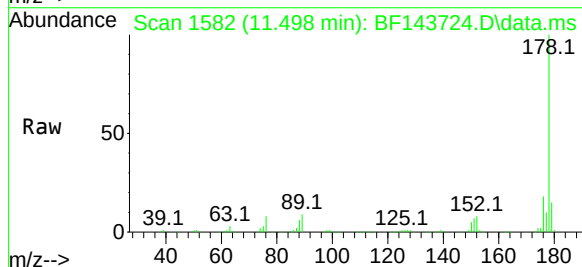
Tgt Ion:178 Resp: 300048

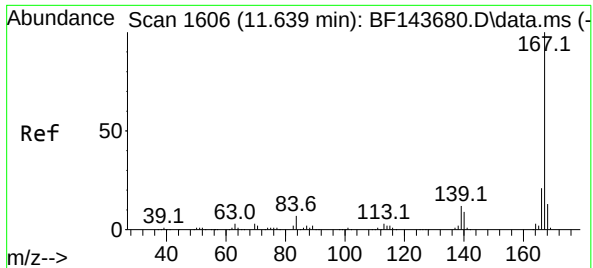
Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

179 15.4 12.2 18.2

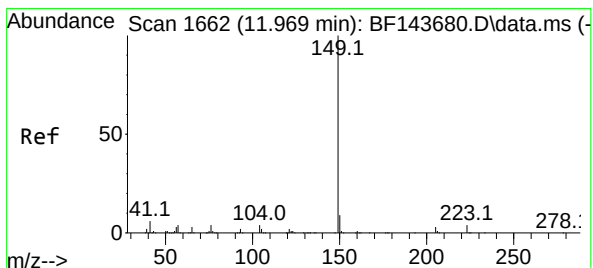
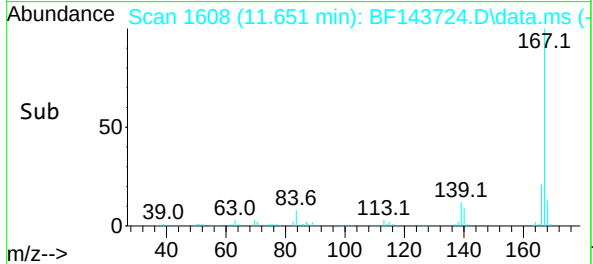
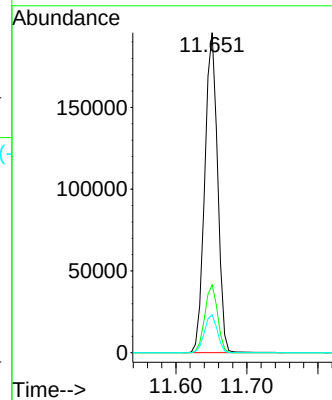
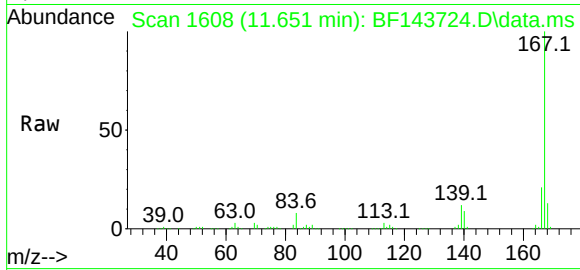




#73
Carbazole
Concen: 40.307 ng
RT: 11.651 min Scan# 1608
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

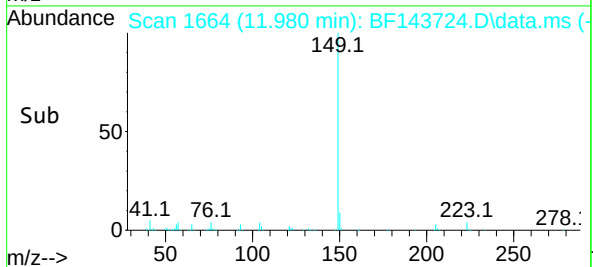
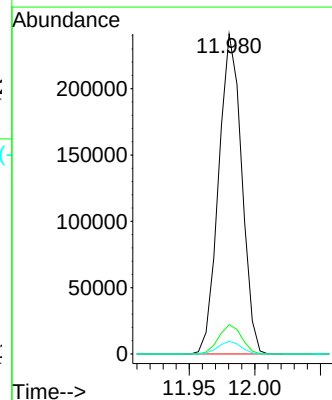
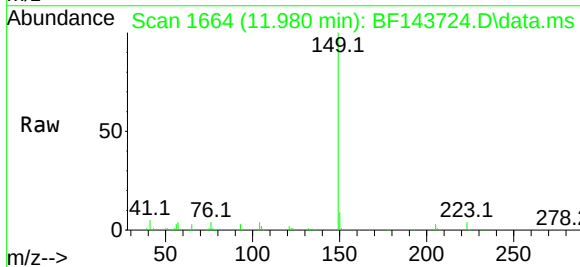
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

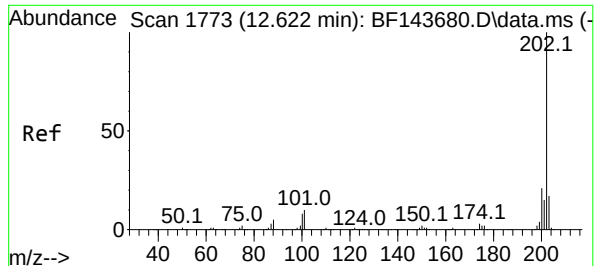
Tgt Ion:167 Resp: 245712
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 11.9 9.7 14.5



#74
Di-n-butylphthalate
Concen: 40.090 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:149 Resp: 294223
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 3.9 3.3 4.9





#75

Fluoranthene

Concen: 37.944 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

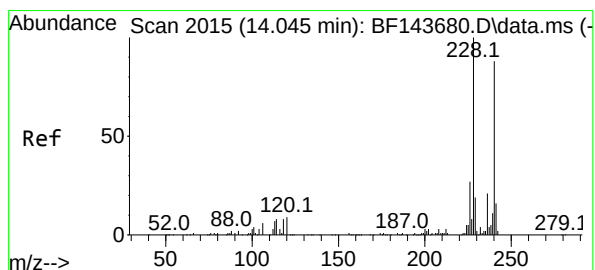
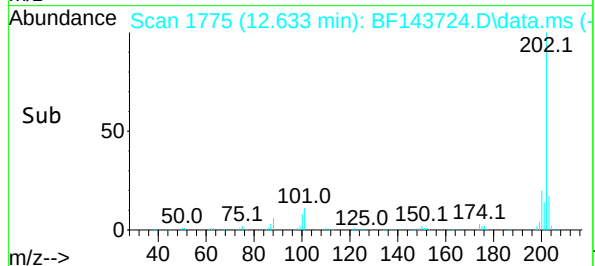
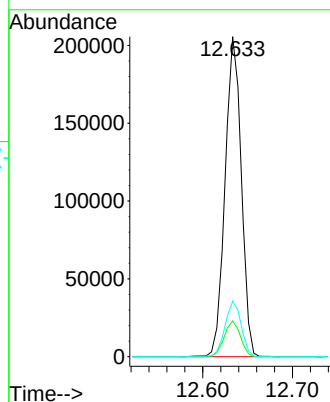
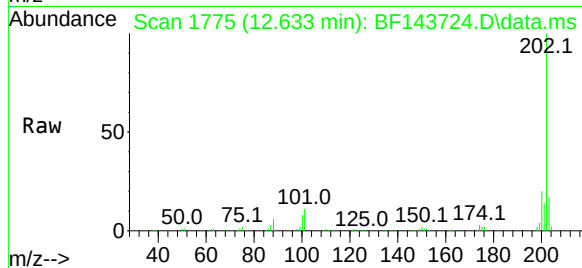
Tgt Ion:202 Resp: 257856

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.5

203 17.3 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.018 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

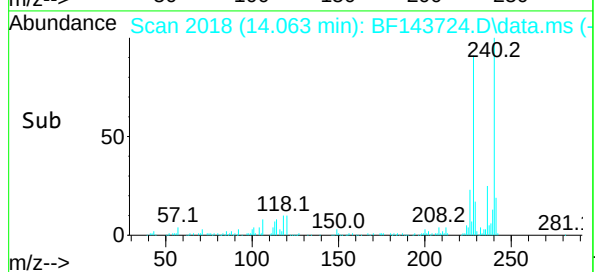
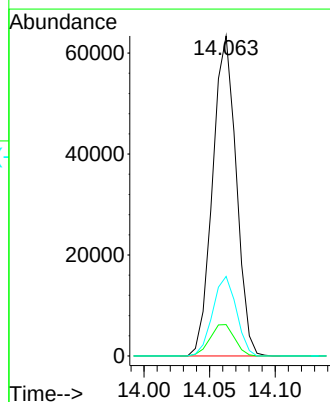
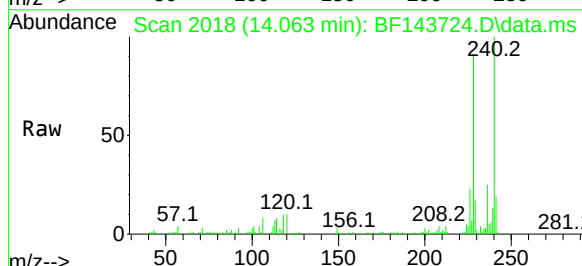
Tgt Ion:240 Resp: 79299

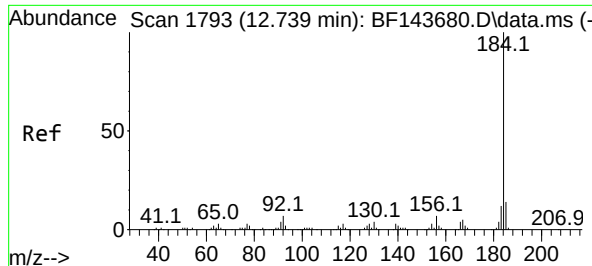
Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 24.9 18.6 28.0





#77

Benzidine

Concen: 42.836 ng

RT: 12.751 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

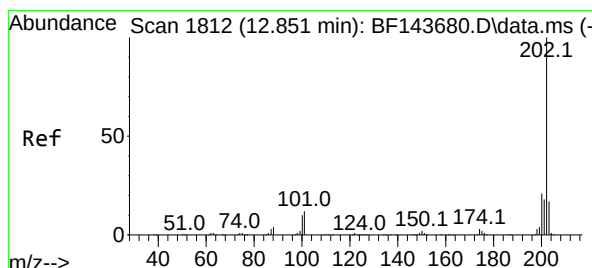
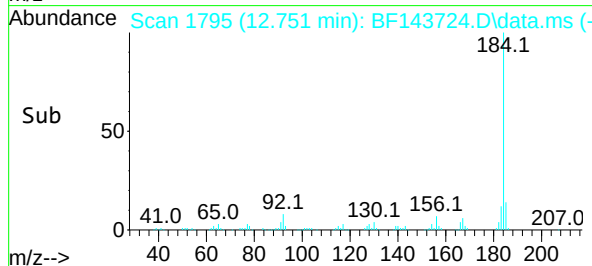
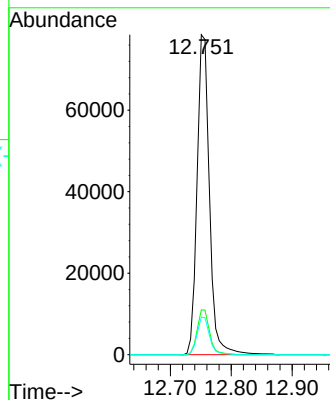
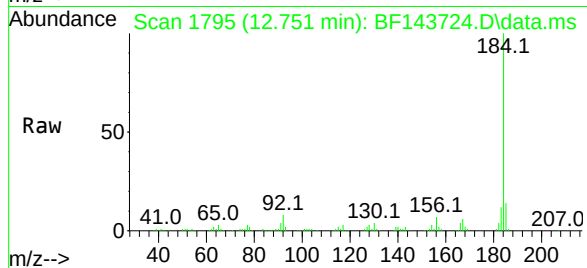
Tgt Ion:184 Resp: 110772

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.8 9.4 14.2



#78

Pyrene

Concen: 40.003 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

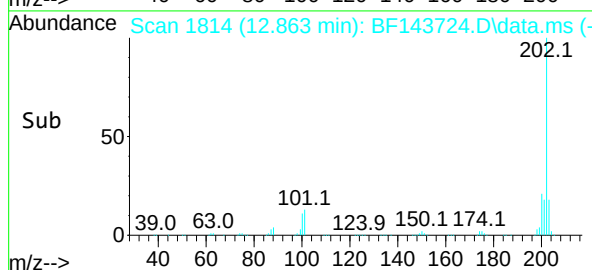
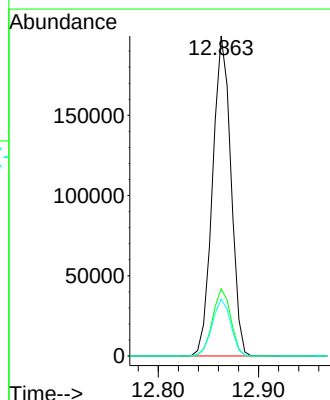
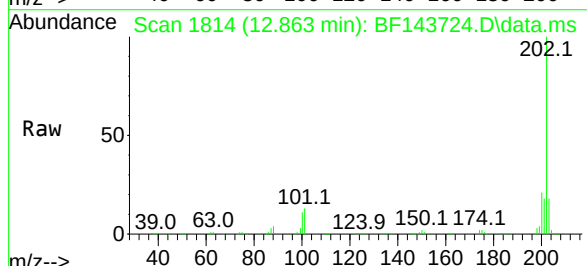
Tgt Ion:202 Resp: 253631

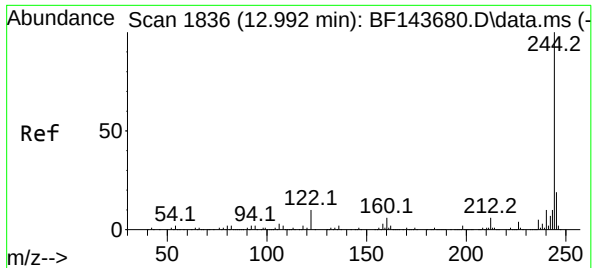
Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

203 17.7 13.5 20.3

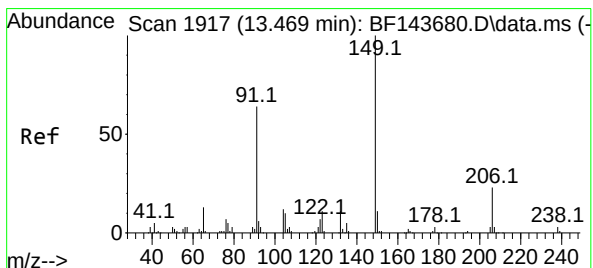
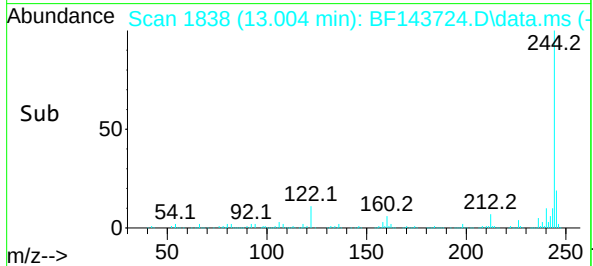
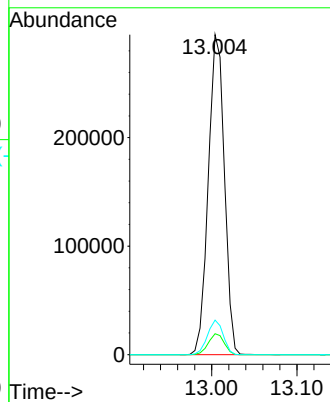
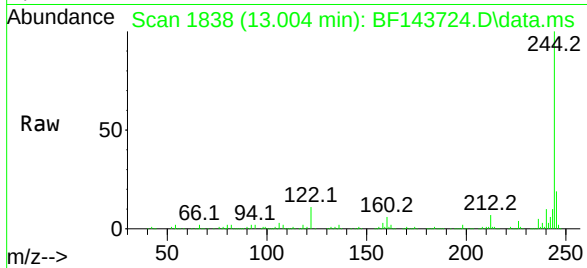




#79
 Terphenyl-d14
 Concen: 79.081 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. 0.012 min
 Lab File: BF143724.D
 Acq: 12 Sep 2025 10:43

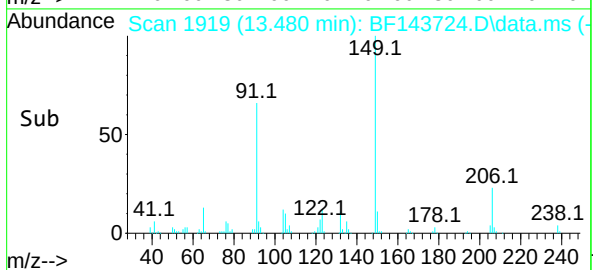
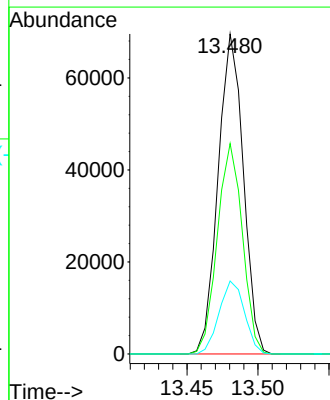
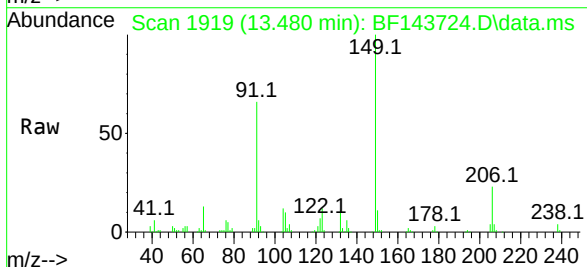
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

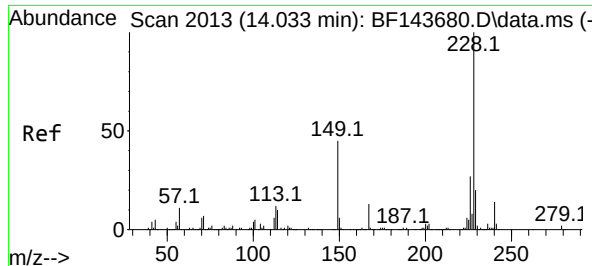
Tgt Ion:244 Resp: 386975
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.6
 122 10.8 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 43.199 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.012 min
 Lab File: BF143724.D
 Acq: 12 Sep 2025 10:43

Tgt Ion:149 Resp: 85816
 Ion Ratio Lower Upper
 149 100
 91 65.7 50.9 76.3
 206 22.8 18.2 27.2

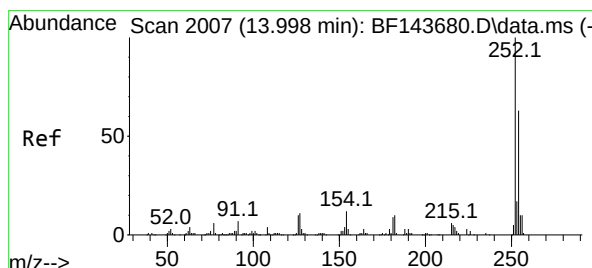
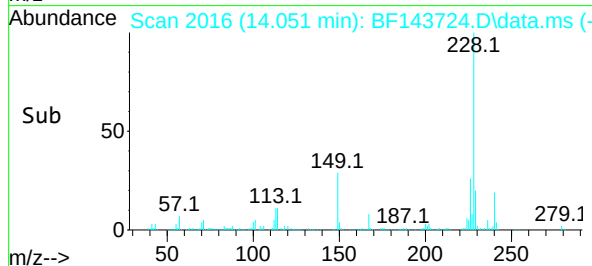
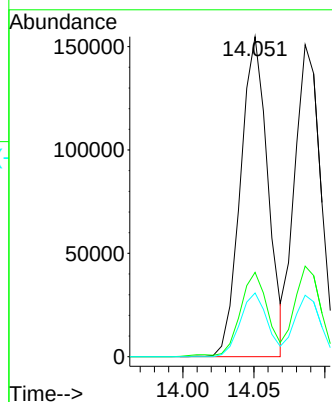
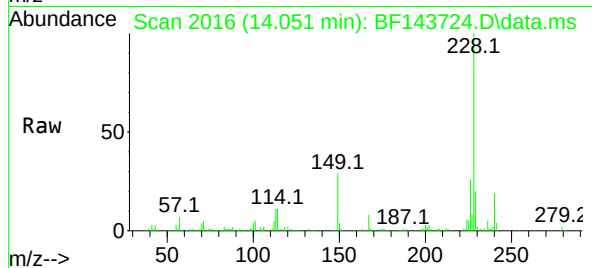




#81
Benzo(a)anthracene
Concen: 40.674 ng
RT: 14.051 min Scan# 2009
Delta R.T. 0.018 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

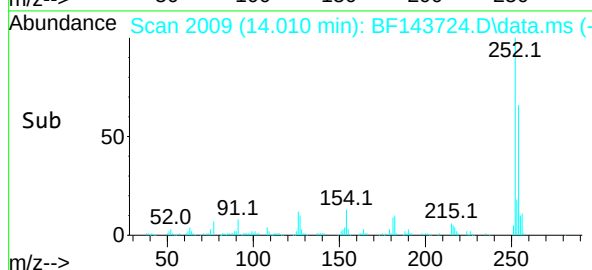
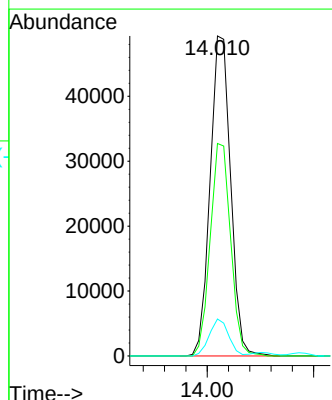
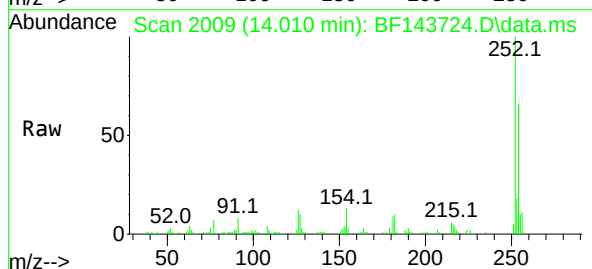
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

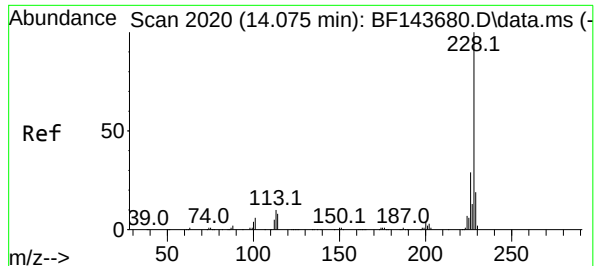
Tgt Ion:228 Resp: 207501
Ion Ratio Lower Upper
228 100
226 26.4 21.6 32.4
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 42.030 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.012 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:252 Resp: 65966
Ion Ratio Lower Upper
252 100
254 66.4 50.5 75.7
126 11.6 8.2 12.4





#83

Chrysene

Concen: 40.745 ng

RT: 14.086 min Scan# 2014

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

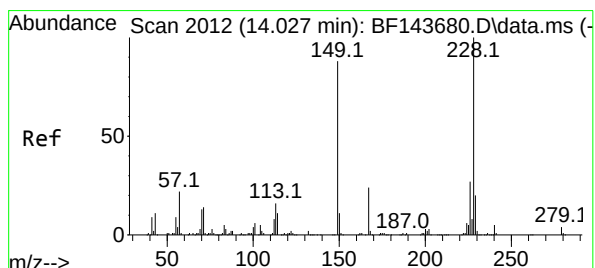
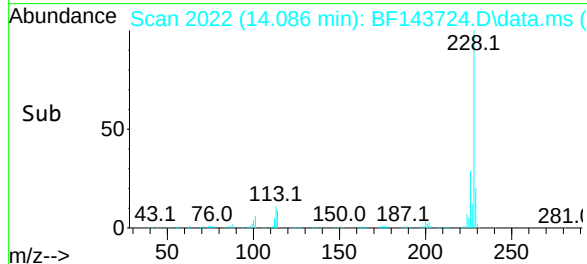
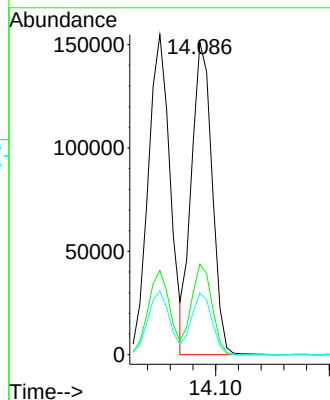
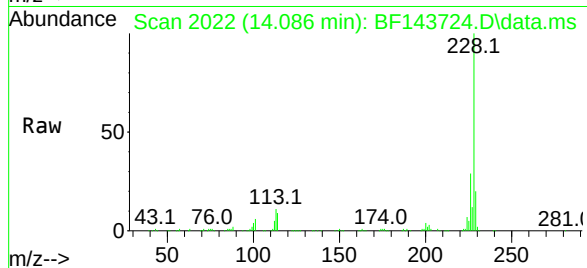
Tgt Ion:228 Resp: 190379

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

229 19.7 15.1 22.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.644 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.012 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

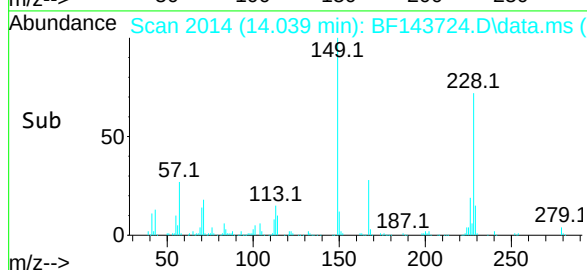
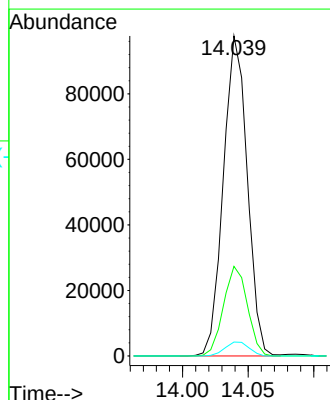
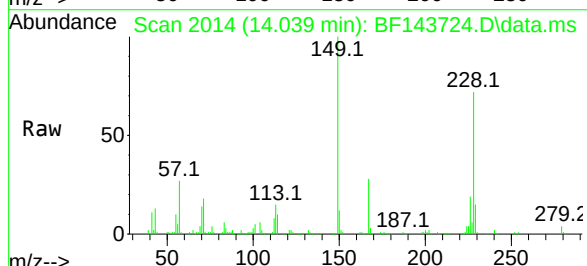
Tgt Ion:149 Resp: 123704

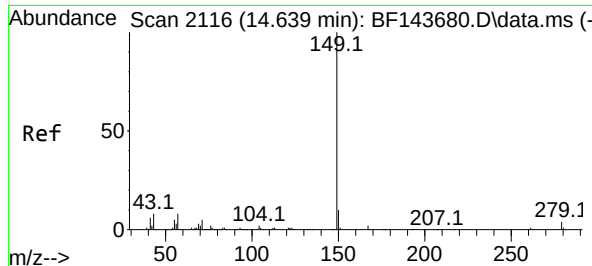
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 45.628 ng

RT: 14.657 min Scan# 2116

Delta R.T. 0.018 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

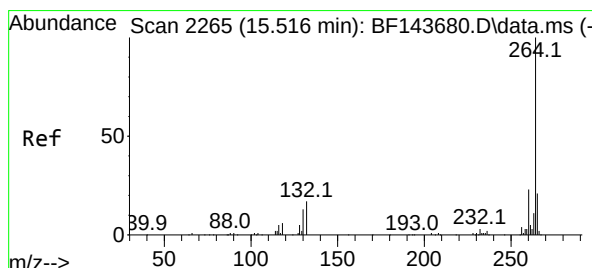
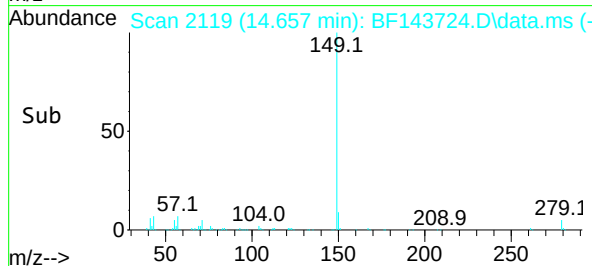
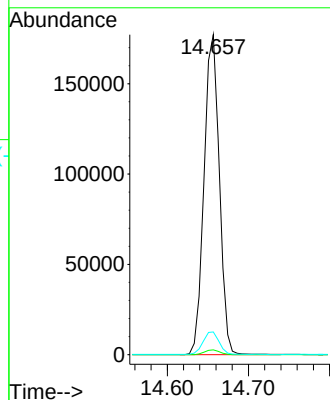
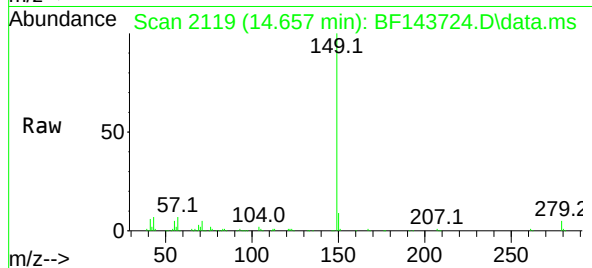
Tgt Ion:149 Resp: 231757

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.4 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.023 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

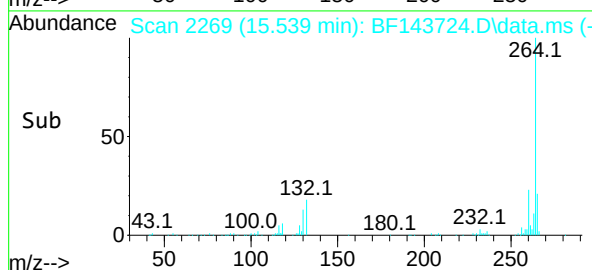
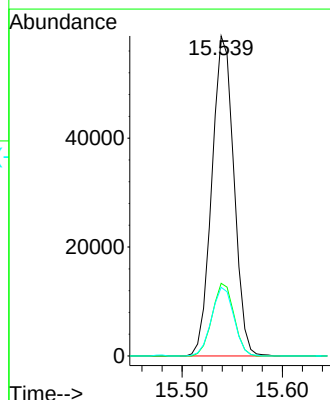
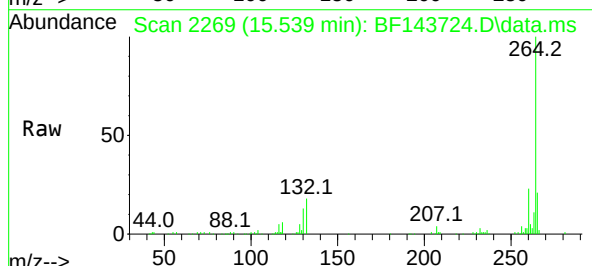
Tgt Ion:264 Resp: 89357

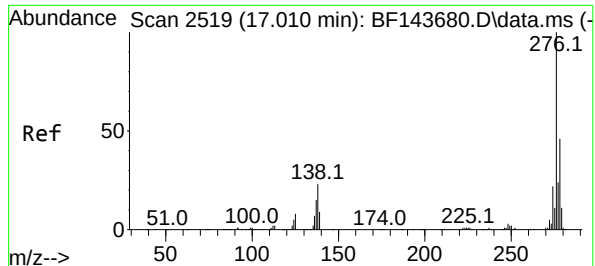
Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.334 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.035 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

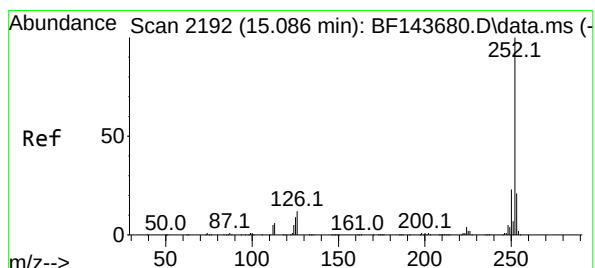
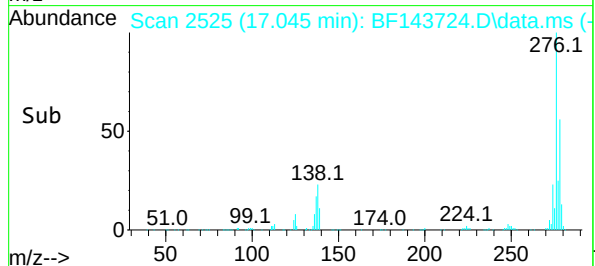
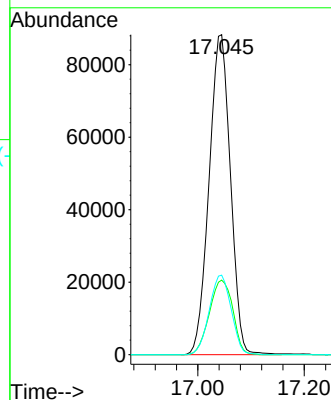
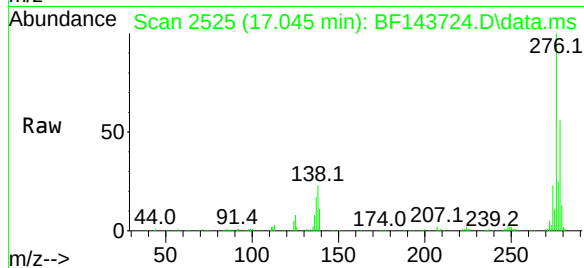
Tgt Ion:276 Resp: 245975

Ion Ratio Lower Upper

276 100

138 25.5 19.7 29.5

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.150 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.018 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

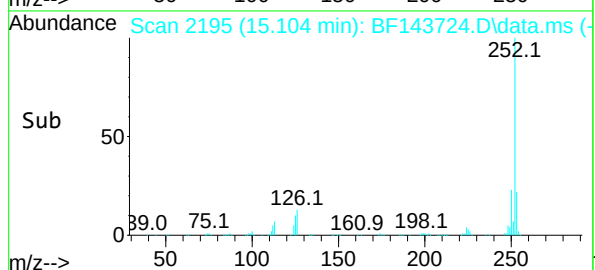
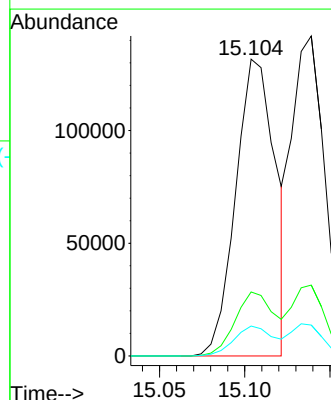
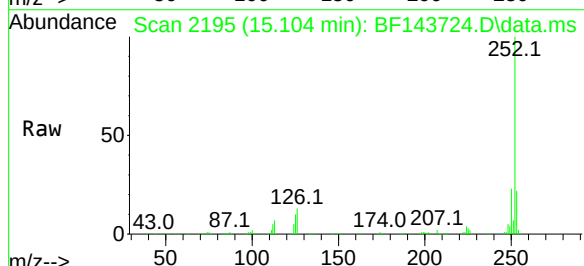
Tgt Ion:252 Resp: 213566

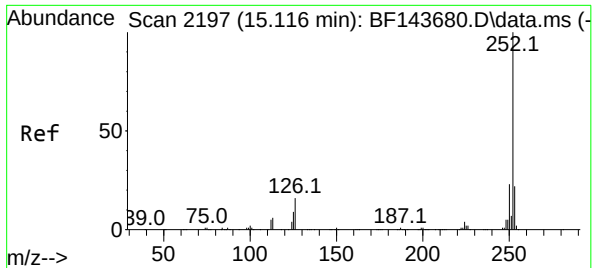
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 10.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 39.441 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

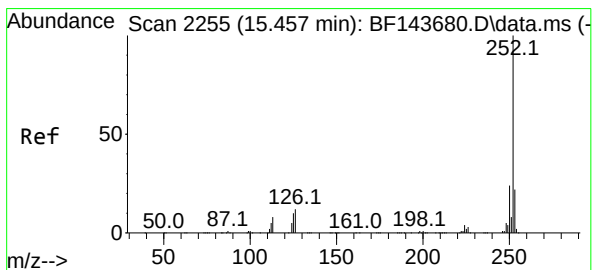
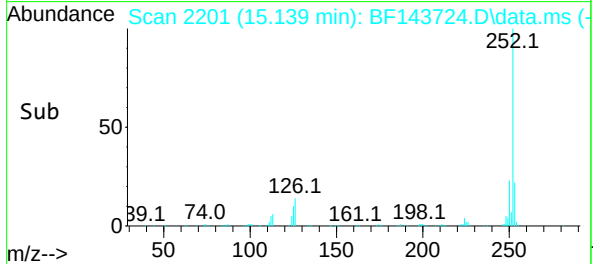
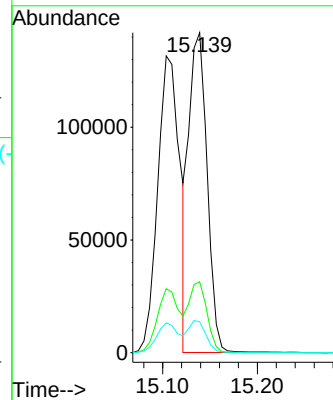
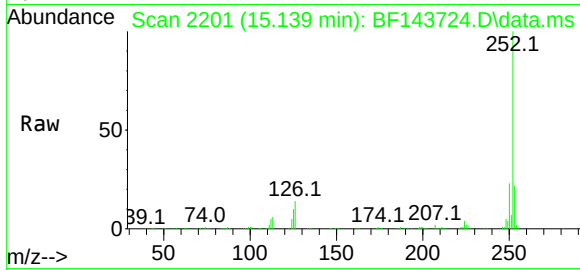
Tgt Ion:252 Resp: 189345

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.7 7.3 10.9



#90

Benzo(a)pyrene

Concen: 40.640 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.023 min

Lab File: BF143724.D

Acq: 12 Sep 2025 10:43

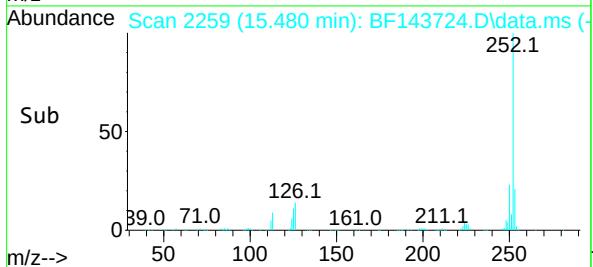
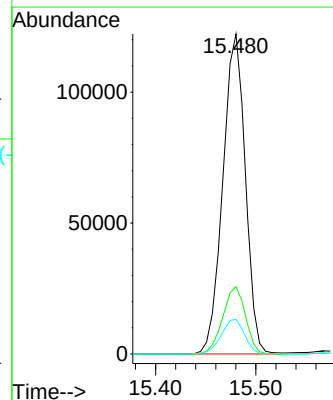
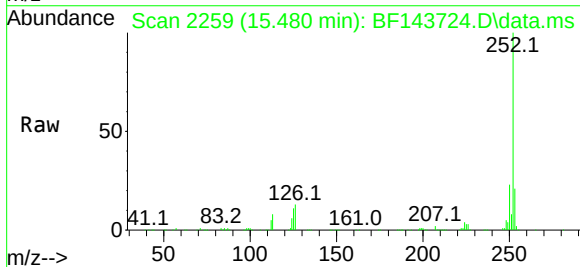
Tgt Ion:252 Resp: 189915

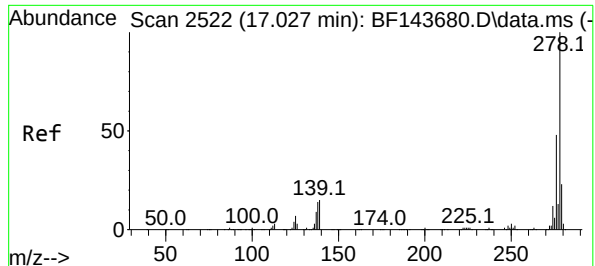
Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

125 10.8 8.2 12.4

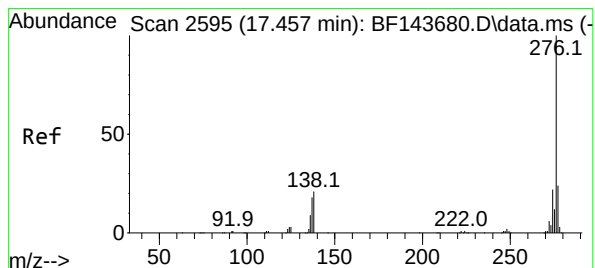
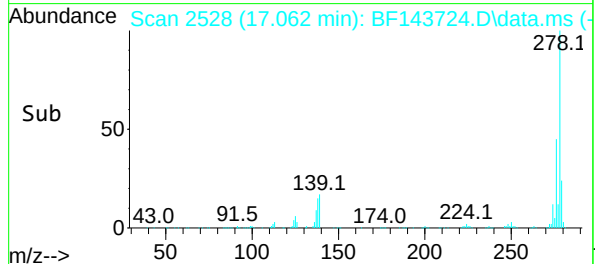
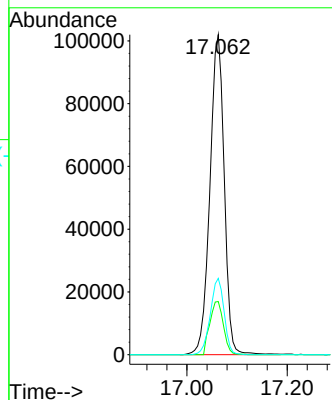
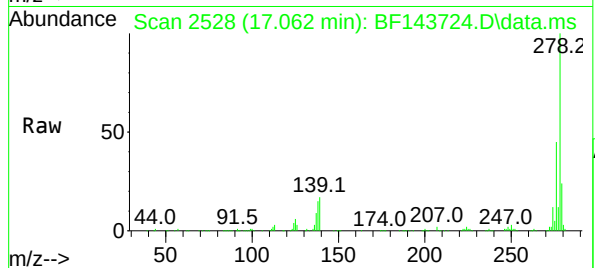




#91
Dibenzo(a,h)anthracene
Concen: 40.008 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

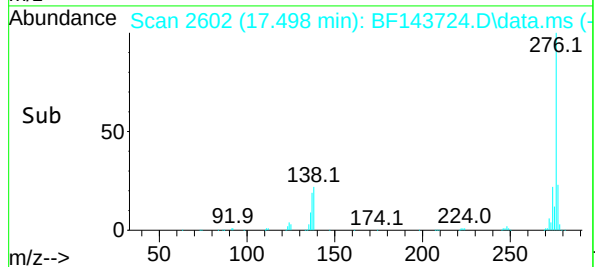
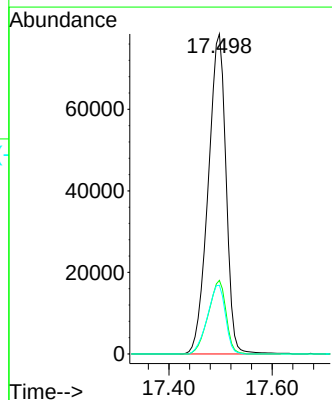
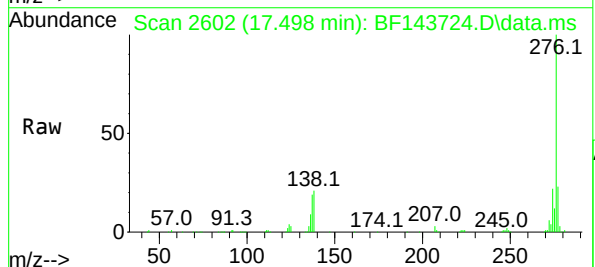
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 202427
Ion Ratio Lower Upper
278 100
139 16.6 12.2 18.4
279 23.8 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 39.674 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.041 min
Lab File: BF143724.D
Acq: 12 Sep 2025 10:43

Tgt Ion:276 Resp: 187761
Ion Ratio Lower Upper
276 100
277 23.0 19.2 28.8
138 21.5 17.0 25.4





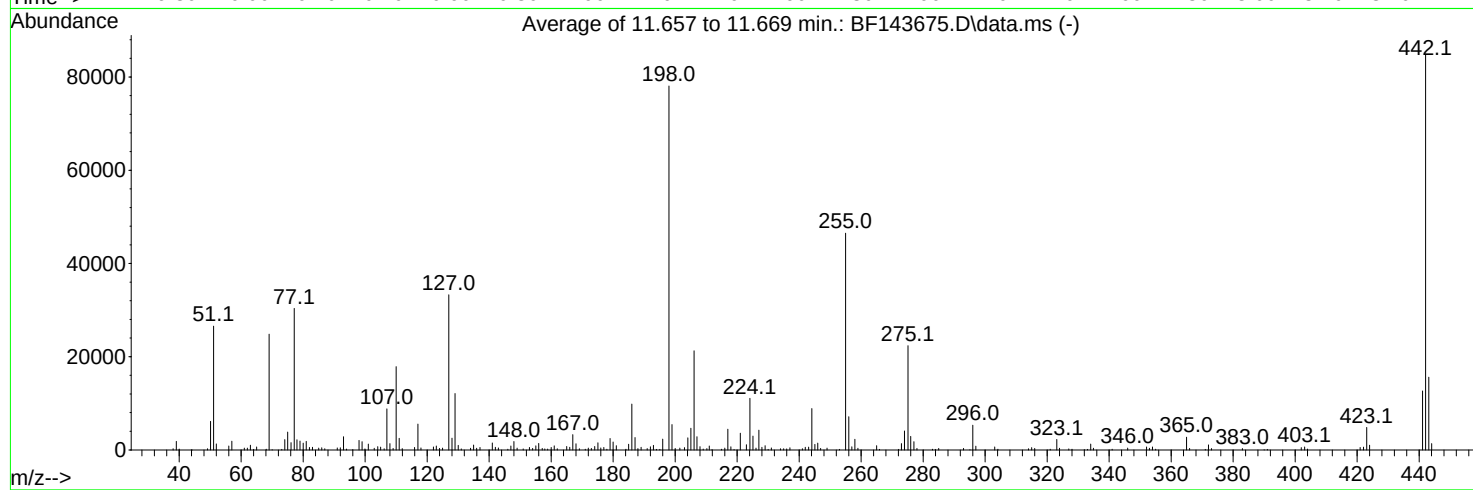
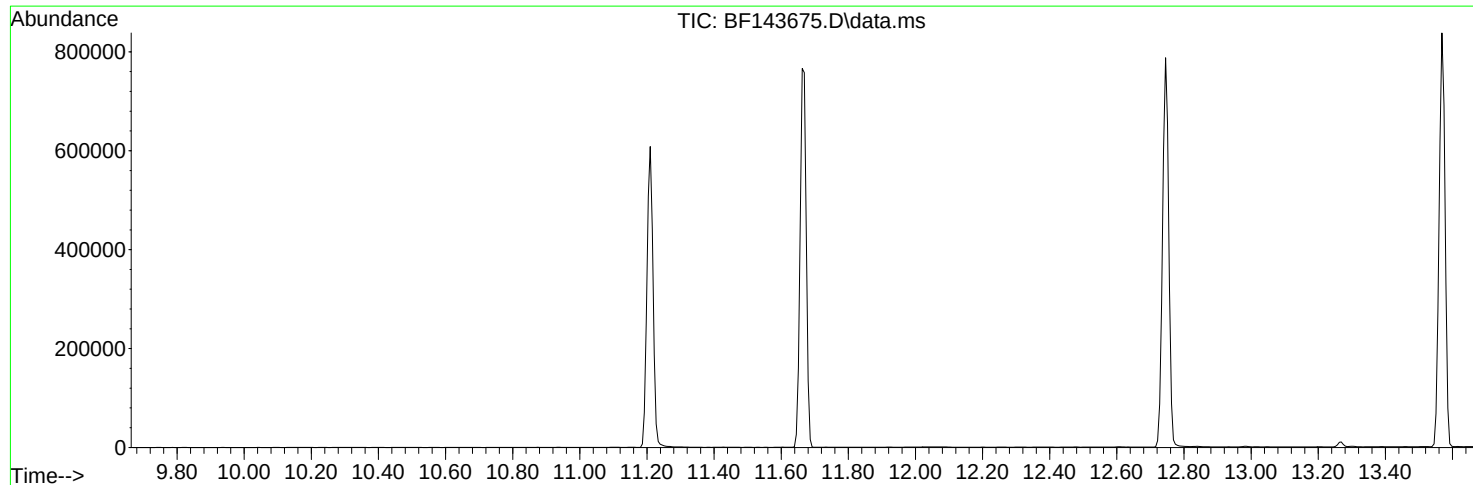
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143675.D
Acq On : 09 Sep 2025 08:44
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-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Sep 09 15:20:16 2025



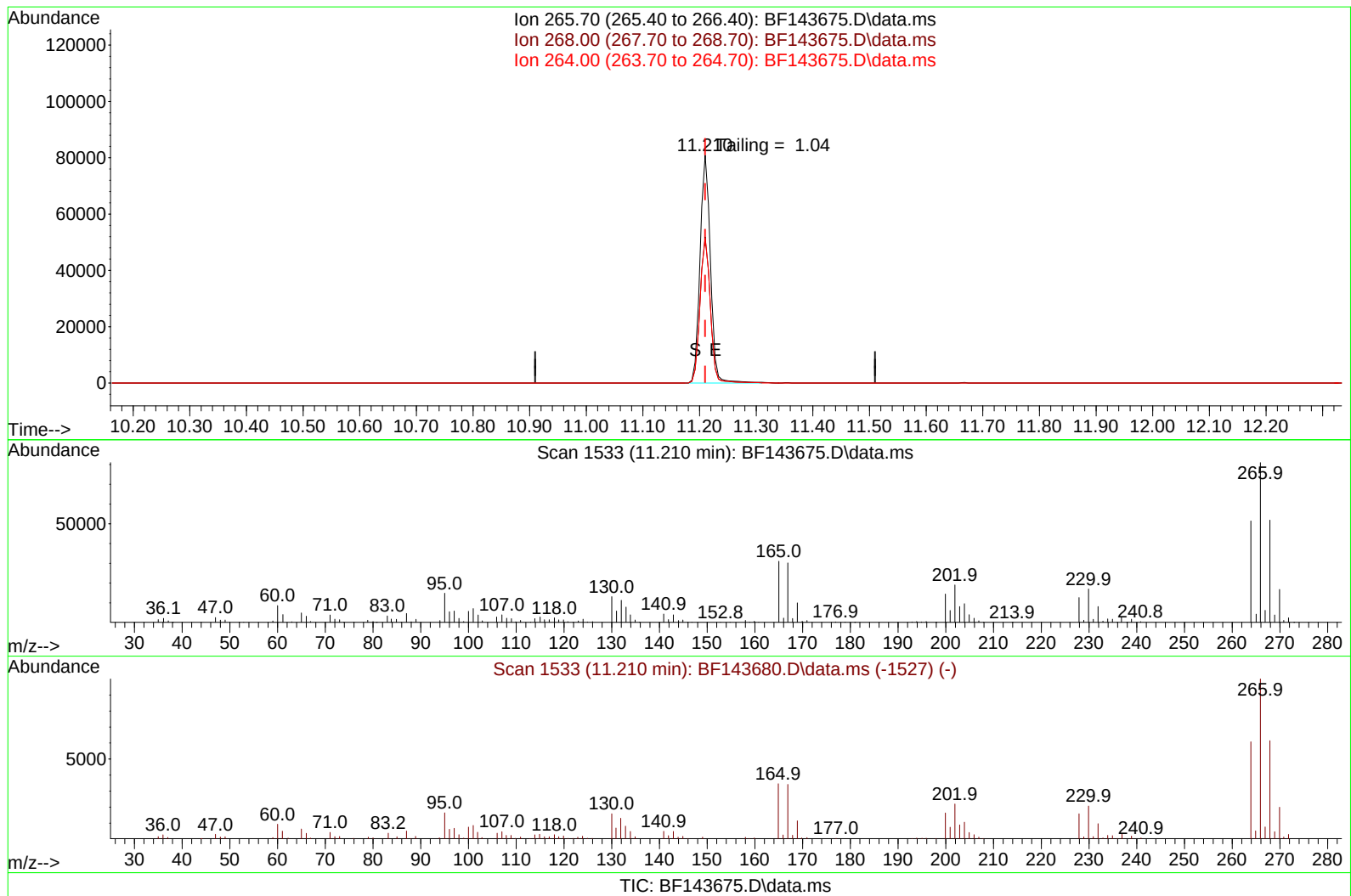
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.6	144	PASS
69	69	100	100	100.0	24837	PASS
70	69	0.00	2	0.2	62	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	78083	PASS
199	198	5	9	7.0	5451	PASS
365	198	1	100	3.5	2728	PASS
441	443	0.01	150	81.0	12639	PASS
442	442	100	100	100.0	84704	PASS
443	442	15	24	18.4	15606	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143675.D
Acq On : 09 Sep 2025 08:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 09 11:56:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 11:54:23 2025
Response via : Initial Calibration

**(70) Pentachlorophenol (C)**

11.210min (-0.000) 33993.77 ng

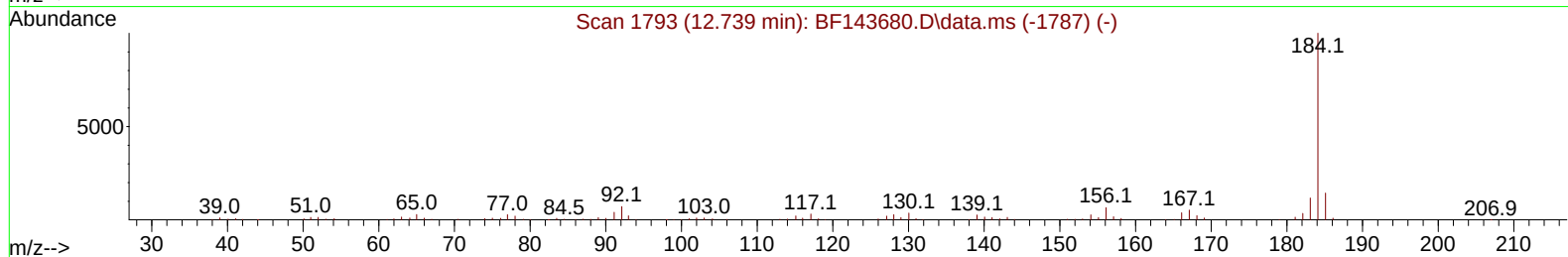
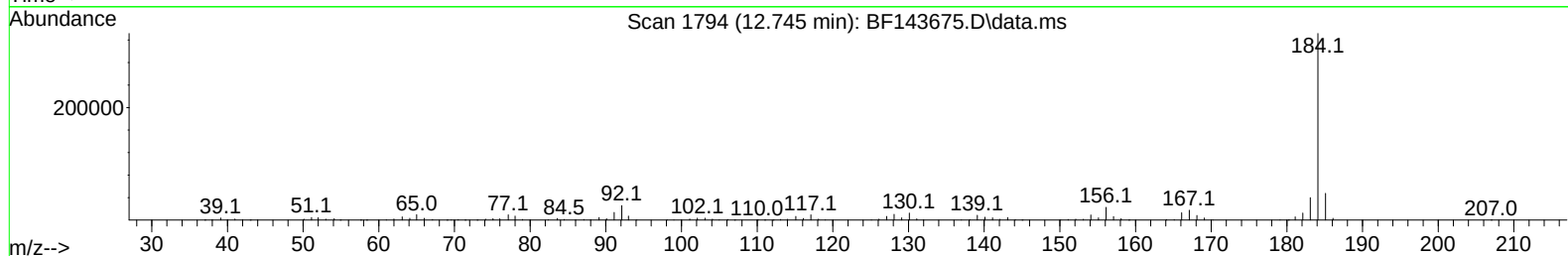
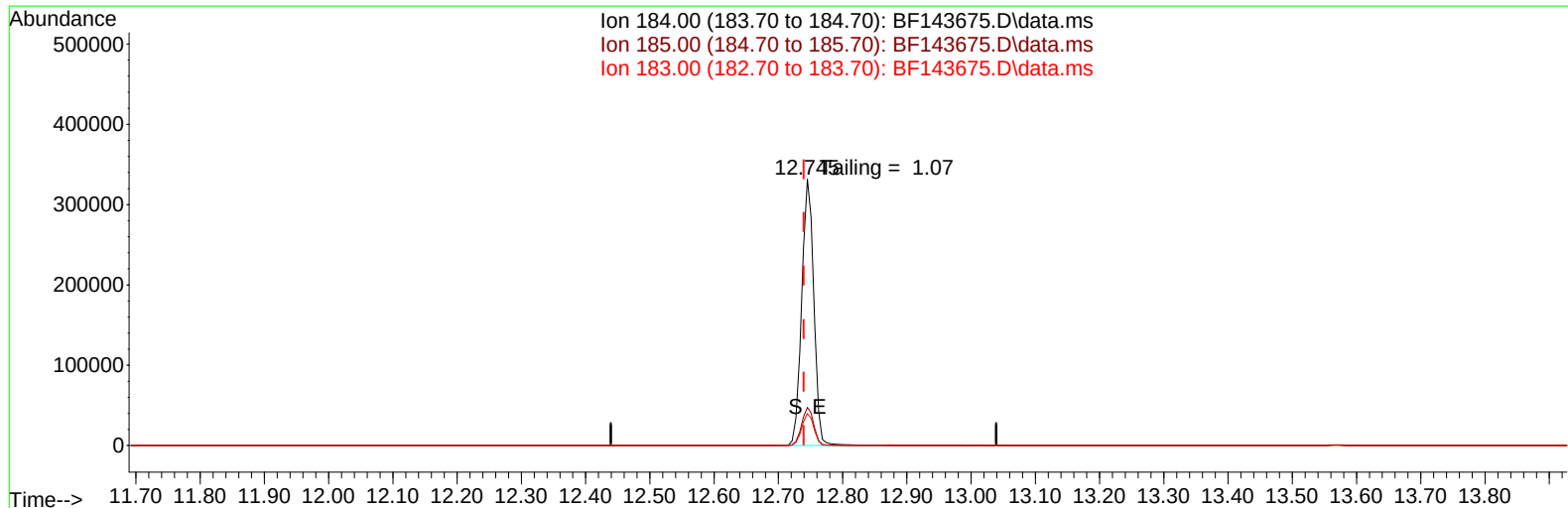
response 103355

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.50	64.05
264.00	60.80	63.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143675.D
Acq On : 09 Sep 2025 08:44
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 09 11:56:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 11:54:23 2025
Response via : Initial Calibration



TIC: BF143675.D\data.ms

(77) Benzidine

12.745min (+ 0.006) 0.00 ng

response 436264

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.34
183.00	11.80	12.05
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/10/2025	BNA_F	<u>BF143675.D</u>
Compound Name	Response	Retention Time
DDT	210187	13.568
DDD	4000	13.269
DDE	110	12.927
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
4110	214297	1.92

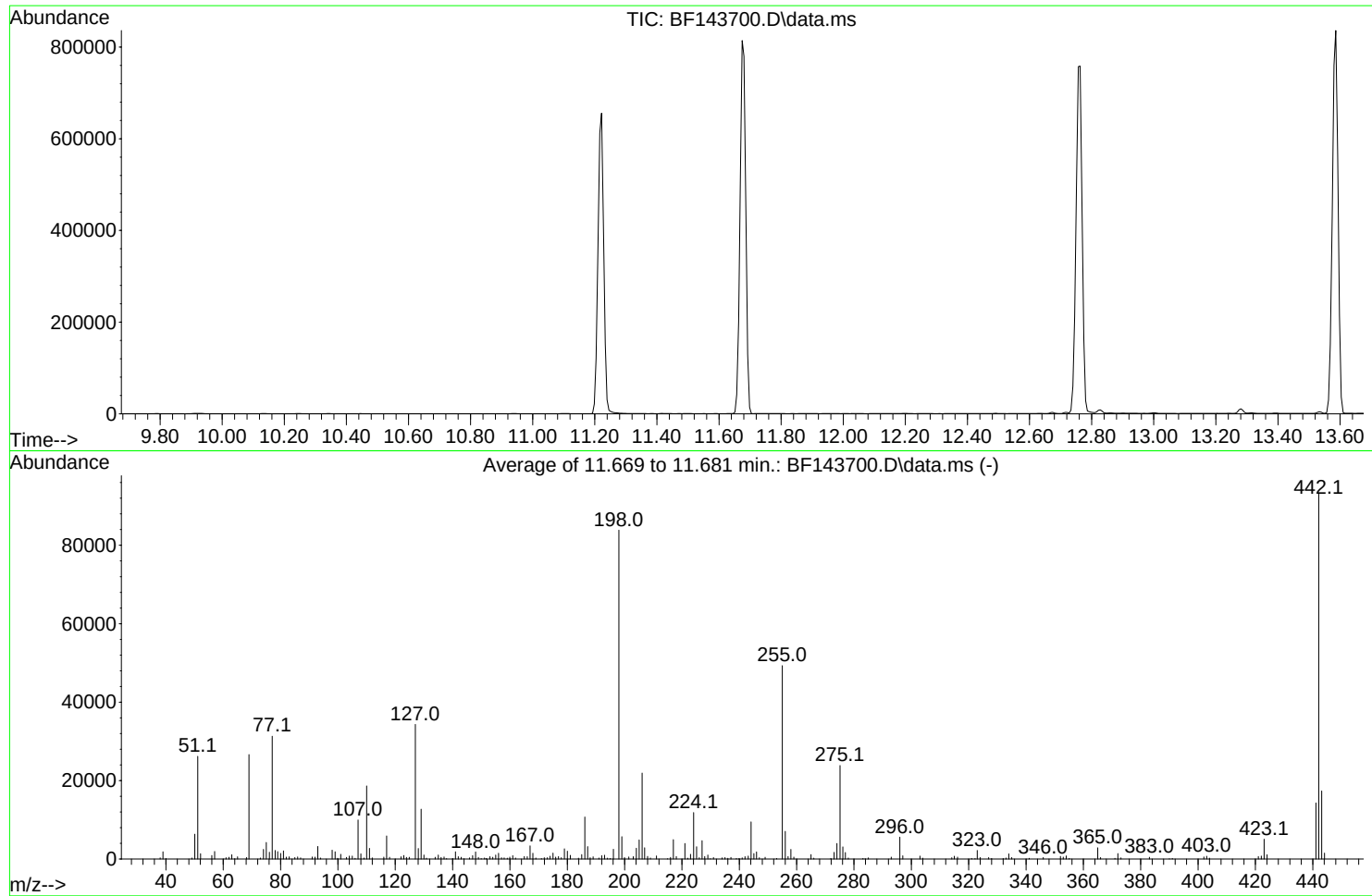
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143700.D
Acq On : 11 Sep 2025 12:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Sep 09 15:20:16 2025



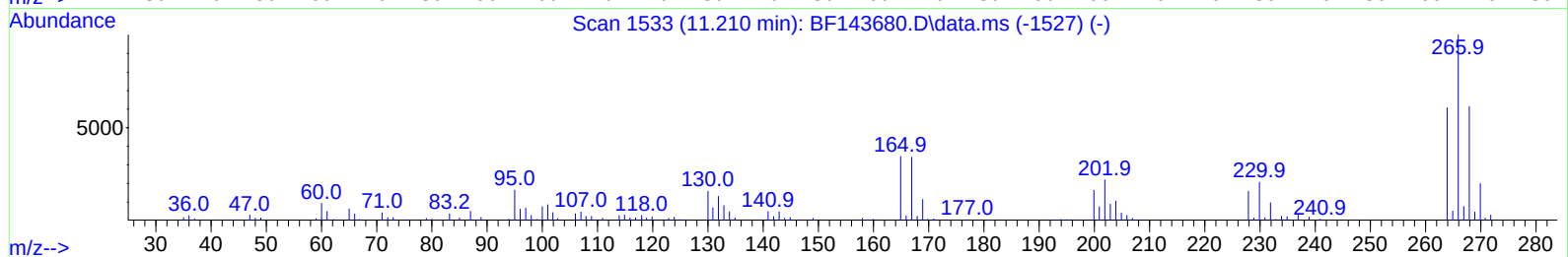
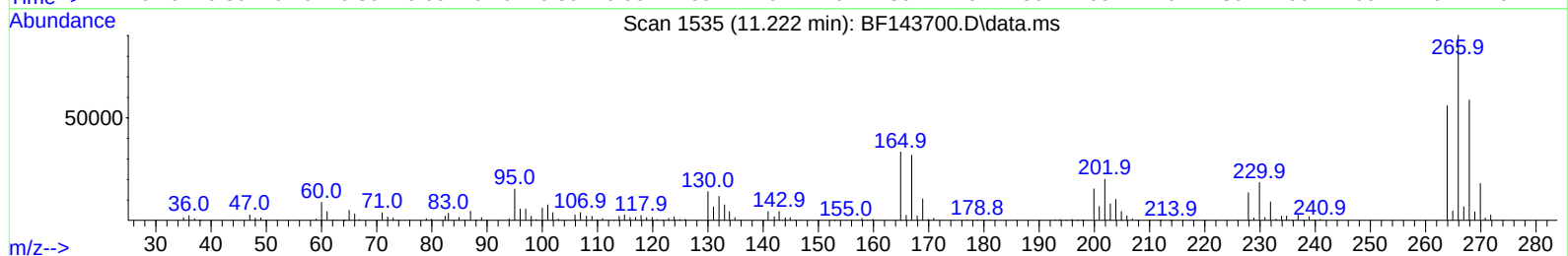
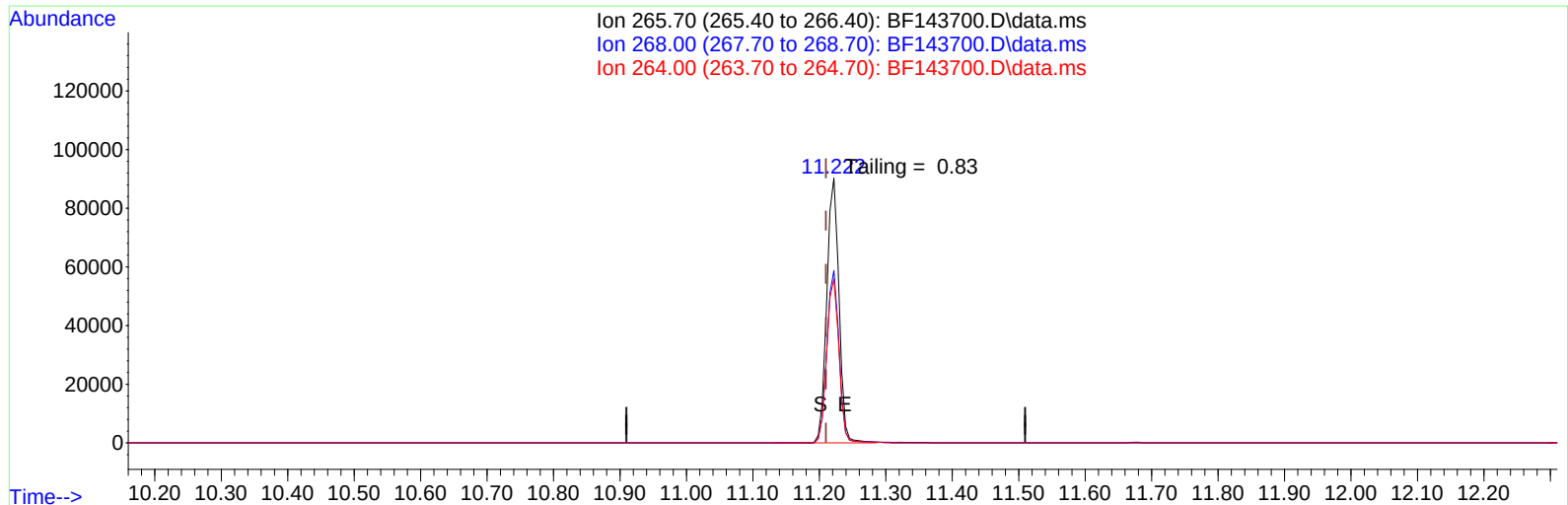
AutoFind: Scans 1611, 1612, 1613; Background Corrected with Scan 1605

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.4	362	PASS
69	69	100	100	100.0	26608	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	83875	PASS
199	198	5	9	6.8	5678	PASS
365	198	1	100	3.4	2857	PASS
441	443	0.01	150	82.4	14302	PASS
442	442	100	100	100.0	93117	PASS
443	442	15	24	18.6	17357	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143700.D
Acq On : 11 Sep 2025 12:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:26:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



TIC: BF143700.D\data.ms

(70) Pentachlorophenol (C)

11.222min (+ 0.012) 34491.78 ng

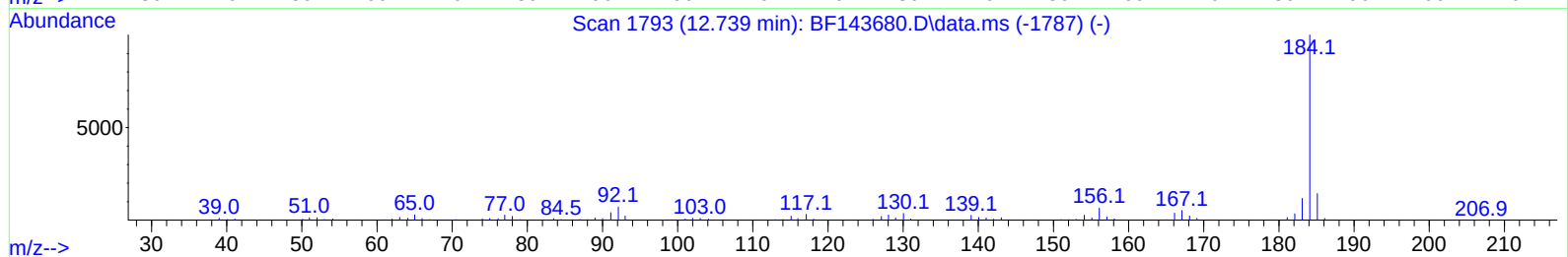
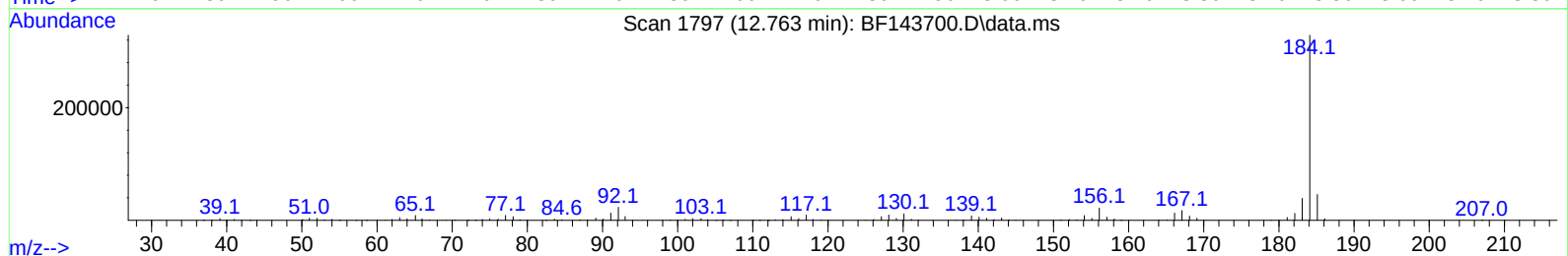
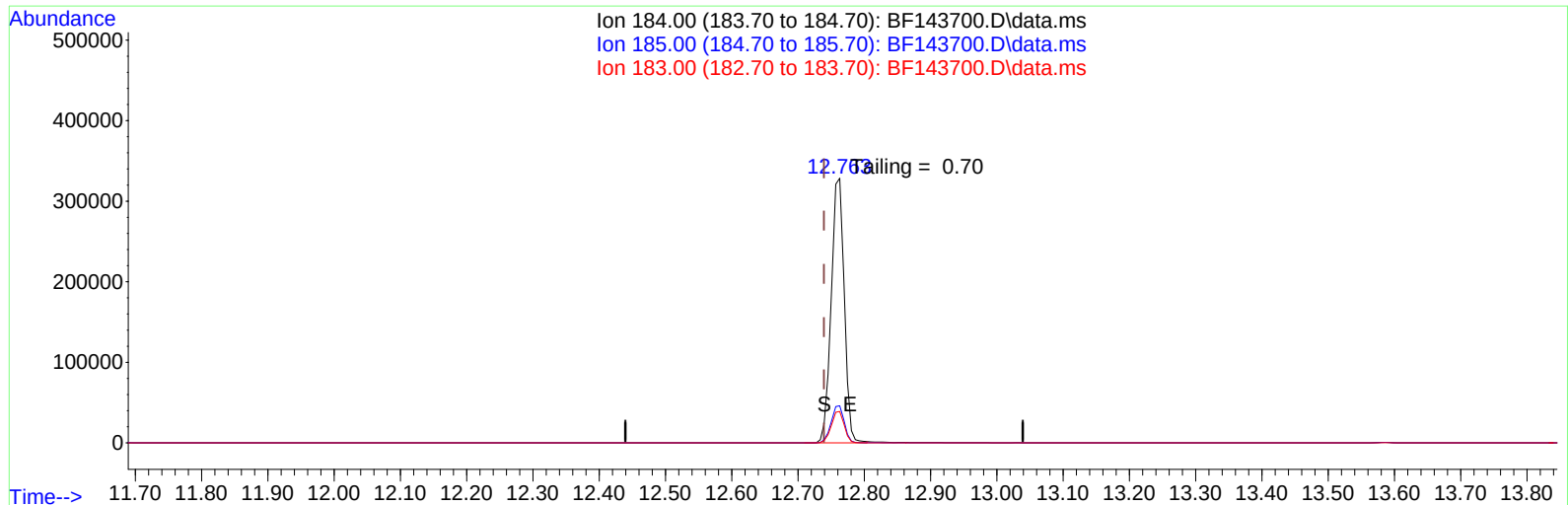
response 115489

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.50	65.12
264.00	60.80	61.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143700.D
Acq On : 11 Sep 2025 12:02
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:26:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



TIC: BF143700.D\data.ms

(77) Benzidine

12.763min (+ 0.024) 67634.26 ng

response 452138

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.01
183.00	11.80	11.87
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/11/2025	BNA_F	<u>BF143700.D</u>
Compound Name	Response	Retention Time
DDT	221498	13.568
DDD	4189	13.28
DDE	58	12.945
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
4247	225745	1.88

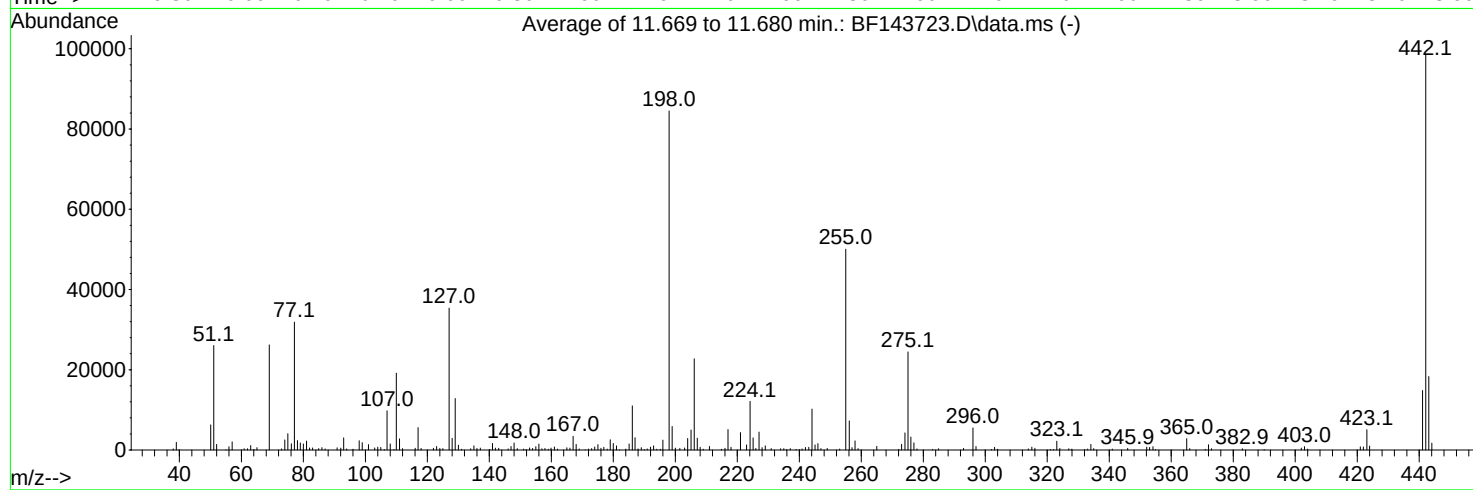
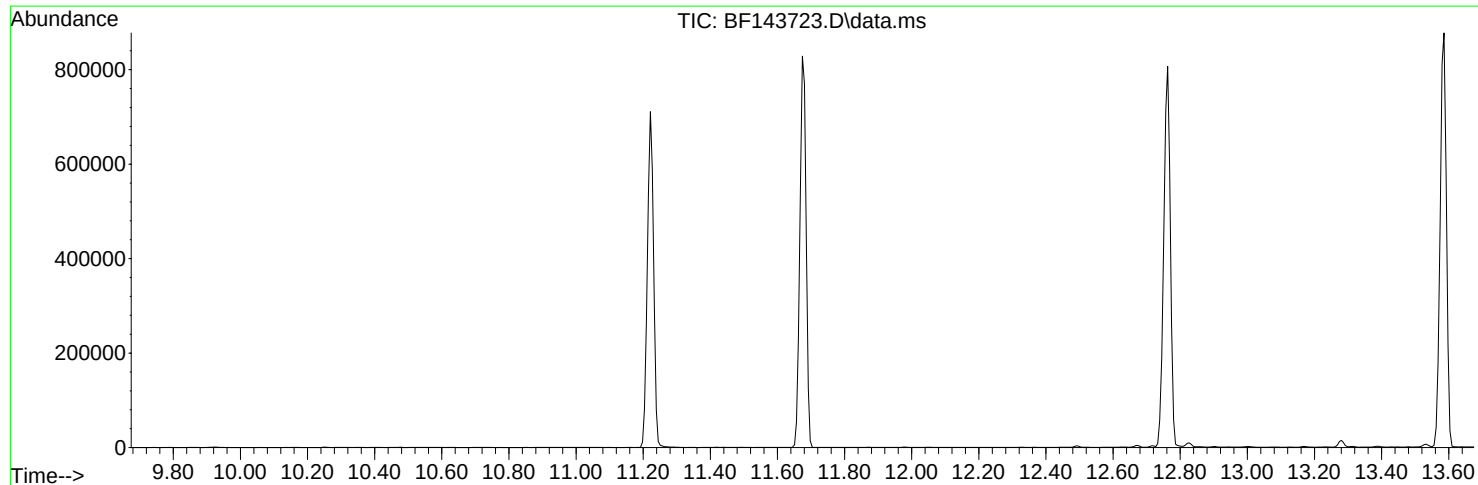
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143723.D
Acq On : 12 Sep 2025 10:14
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-BF091025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Sep 09 15:20:16 2025



AutoFind: Scans 1611, 1612, 1613; Background Corrected with Scan 1605

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	26219	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	84485	PASS
199	198	5	9	6.9	5864	PASS
365	198	1	100	3.3	2825	PASS
441	443	0.01	150	81.0	14822	PASS
442	442	100	100	100.0	98405	PASS
443	442	15	24	18.6	18297	PASS

DDT Breakdown

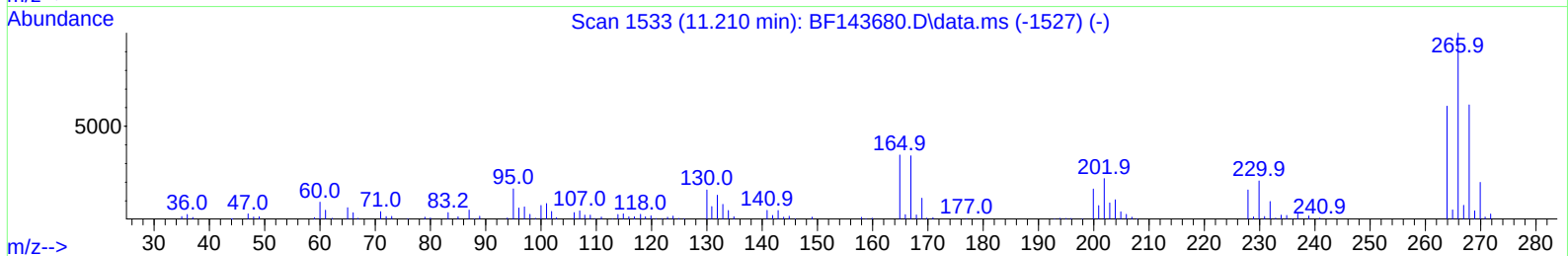
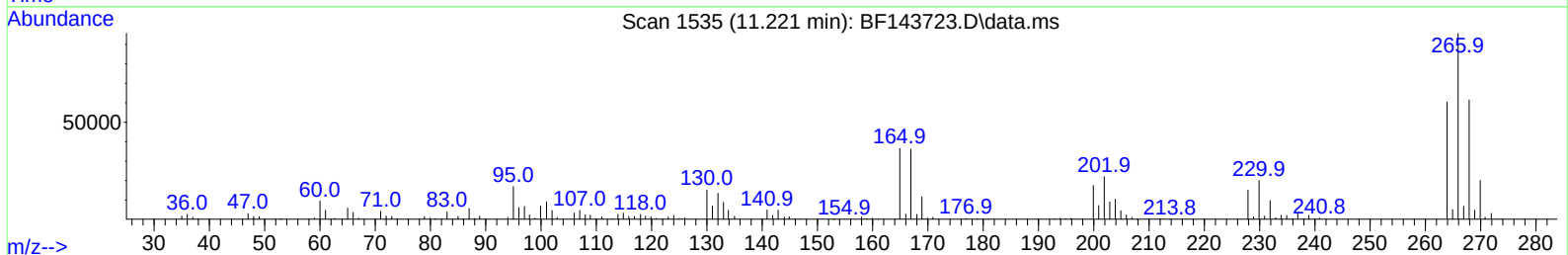
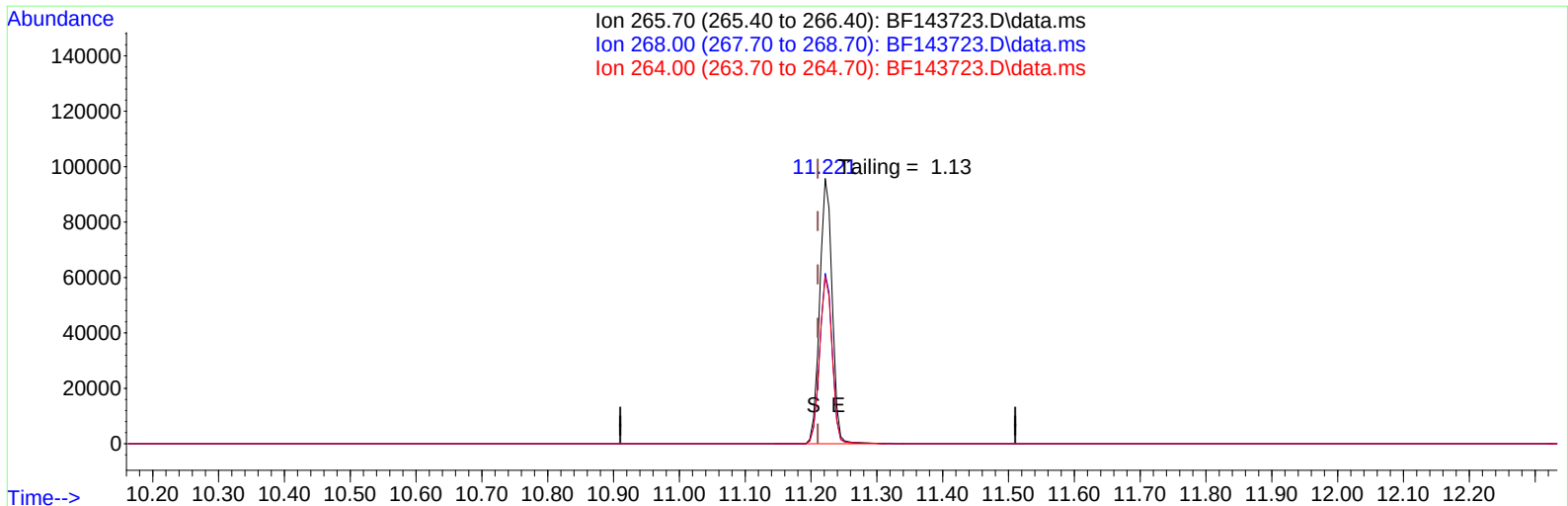
Date	Instrument Name	DFTPP Data File
9/12/2025	BNA_F	<u>BF143723.D</u>
Compound Name	Response	Retention Time
DDT	247448	13.568
DDD	6010	13.28
DDE	265	12.945
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6275	253723	2.47

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143723.D
Acq On : 12 Sep 2025 10:14
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 12 10:45:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



TIC: BF143723.D\data.ms

(70) Pentachlorophenol (C)

11.221min (+ 0.011) 36182.88 ng

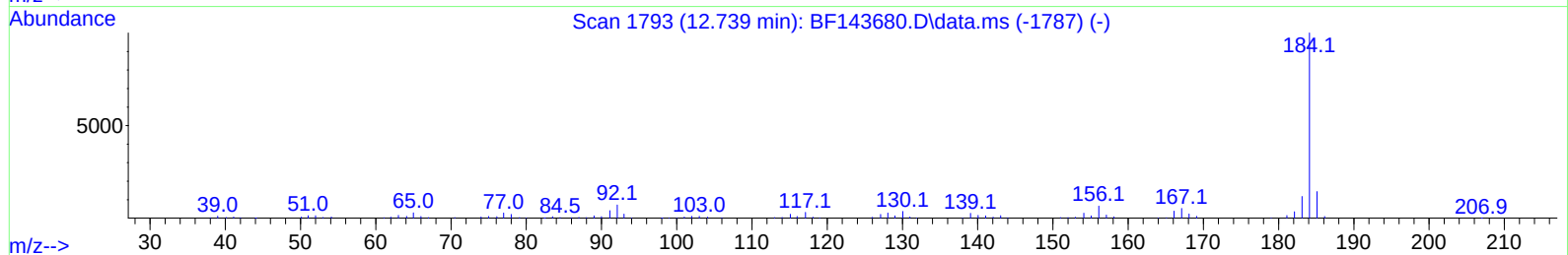
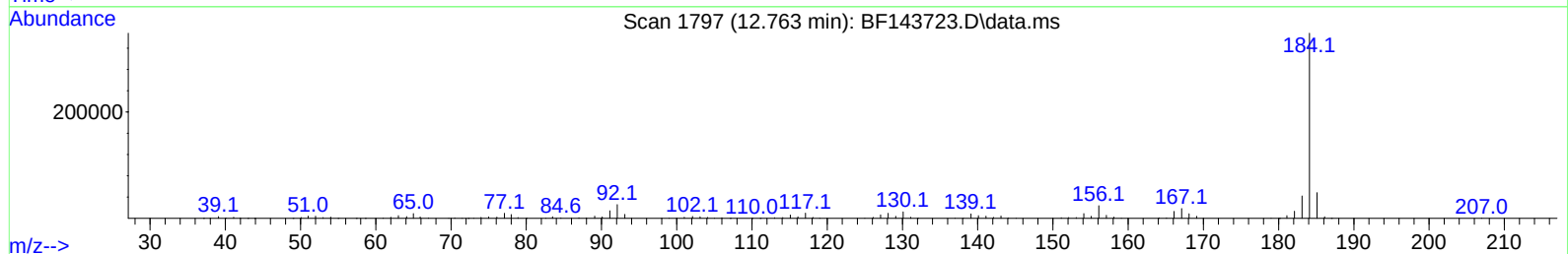
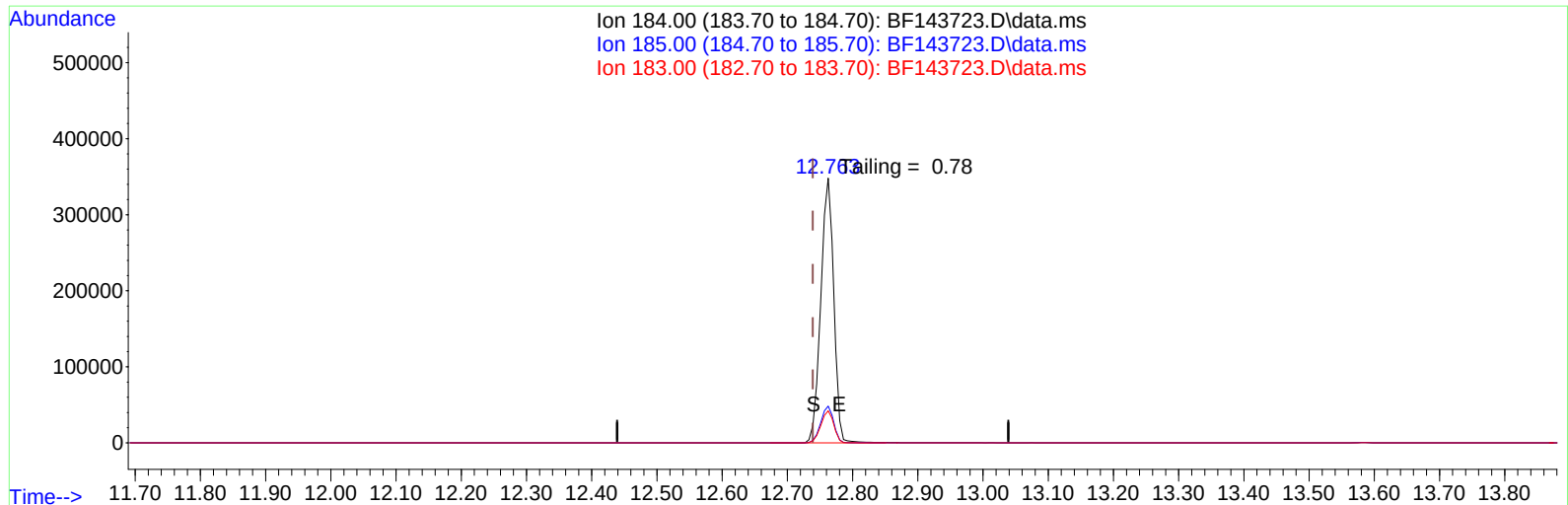
response 126443

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.50	64.23
264.00	60.80	63.05
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143723.D
Acq On : 12 Sep 2025 10:14
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 12 10:45:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



TIC: BF143723.D\data.ms

(77) Benzidine

12.763min (+ 0.023) 61529.69 ng

response 483562

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.92
183.00	11.80	12.11
0.00	0.00	0.00

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169661BL	SDG No.:	Q3032
Lab Sample ID:	PB169661BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143725.D	1	09/11/25 08:40	09/12/25 11:12	PB169661

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	135		15 (23) - 110 (138)	90%	SPK: 150
13127-88-3	Phenol-d6	134		15 (10) - 110 (134)	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.3		30 (67) - 130 (132)	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.7		30 (52) - 130 (132)	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		15 (44) - 110 (137)	91%	SPK: 150
1718-51-0	Terphenyl-d14	92.2		30 (42) - 130 (152)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	37700	6.892			
1146-65-2	Naphthalene-d8	143000	8.175			
15067-26-2	Acenaphthene-d10	80000	9.927			
1517-22-2	Phenanthrene-d10	126000	11.416			
1719-03-5	Chrysene-d12	78500	14.057			
1520-96-3	Perylene-d12	85200	15.539			

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169661BL	SDG No.:	Q3032
Lab Sample ID:	PB169661BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143725.D	1	09/11/25 08:40	09/12/25 11:12	PB169661

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\BF091225\
 Data File : BF143725.D
 Acq On : 12 Sep 2025 11:12
 Operator : RC/JU
 Sample : PB169661BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169661BL

Quant Time: Sep 12 11:33:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	37749	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	143431	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	79960	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	125741	20.000	ng	0.00
76) Chrysene-d12	14.057	240	78519	20.000	ng	0.01
86) Perylene-d12	15.539	264	85245	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	298359	134.849	ng	0.02
7) Phenol-d6	6.516	99	360407	133.782	ng	0.01
23) Nitrobenzene-d5	7.451	82	219743	95.294	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	109467	135.846	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	490548	92.675	ng	0.00
79) Terphenyl-d14	13.010	244	446701	92.193	ng	0.02

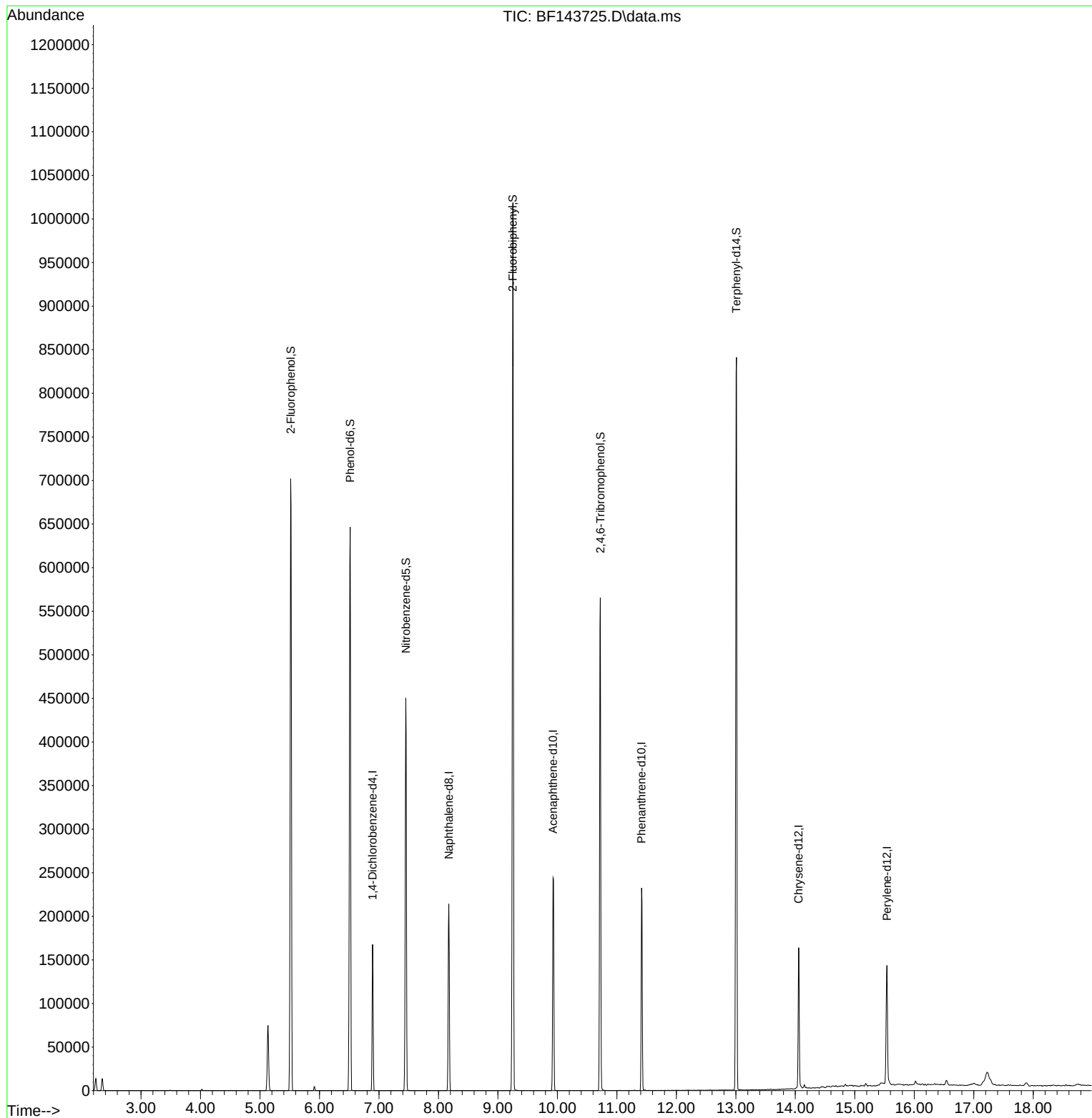
Target Compounds	Qvalue

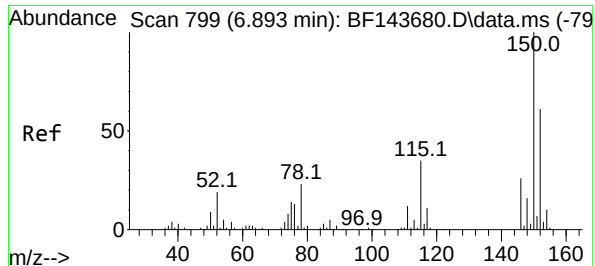
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
Data File : BF143725.D
Acq On : 12 Sep 2025 11:12
Operator : RC/JU
Sample : PB169661BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169661BL

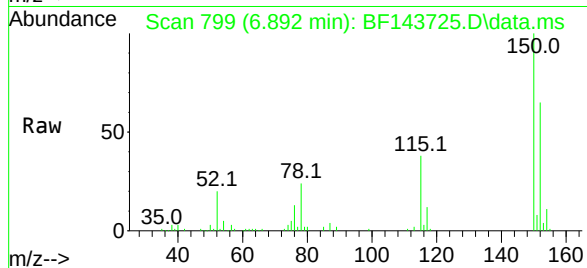
Quant Time: Sep 12 11:33:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



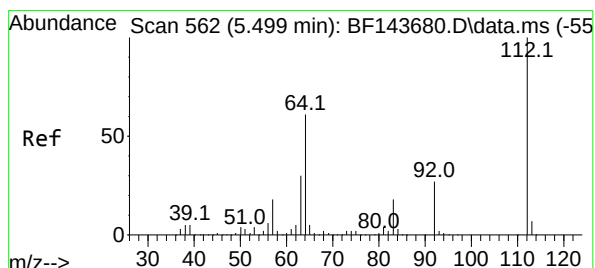
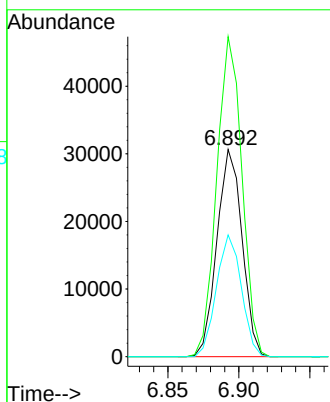
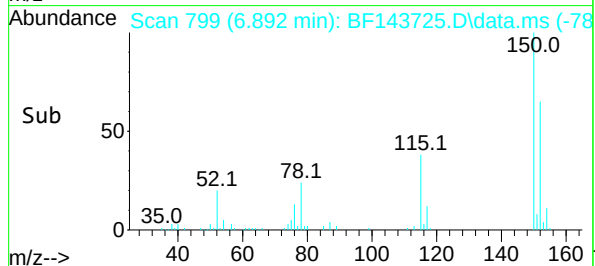


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

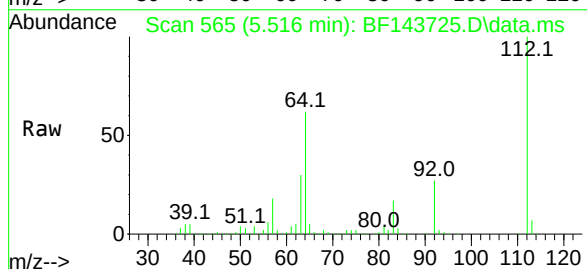
Instrument :
BNA_F
ClientSampleId :
PB169661BL



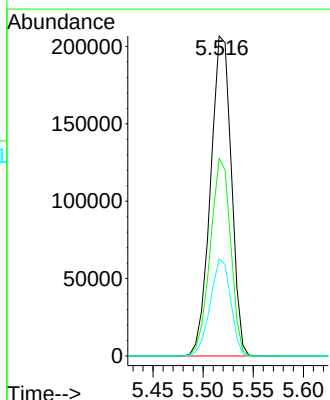
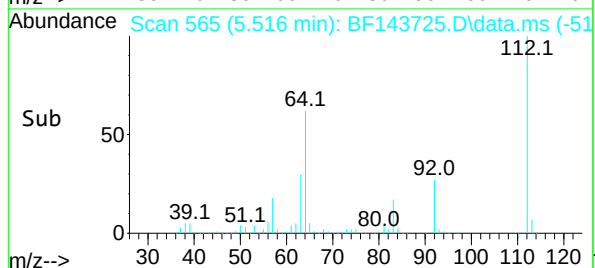
Tgt Ion:152 Resp: 37749
Ion Ratio Lower Upper
152 100
150 154.5 130.7 196.1
115 58.8 45.9 68.9

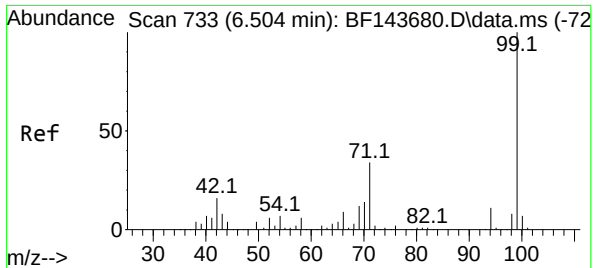


#5
2-Fluorophenol
Concen: 134.849 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.017 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12



Tgt Ion:112 Resp: 298359
Ion Ratio Lower Upper
112 100
64 61.7 49.0 73.4
63 30.3 24.3 36.5

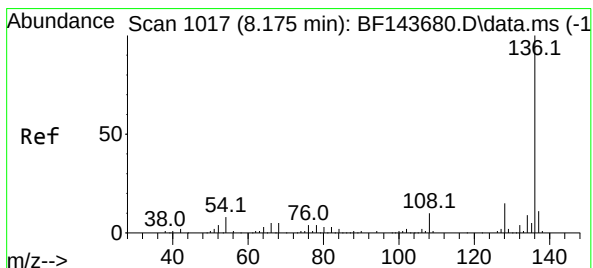
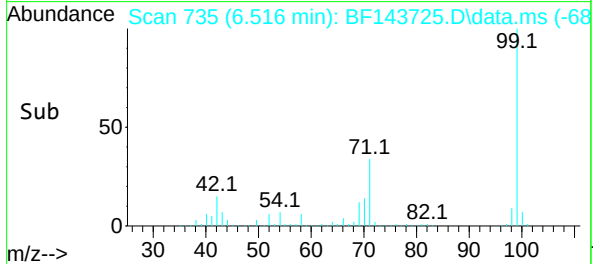
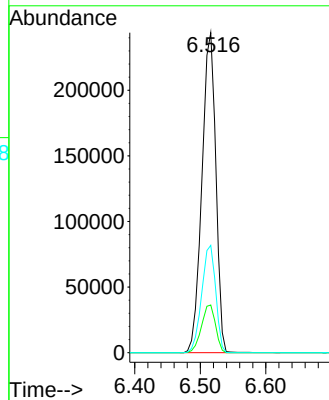
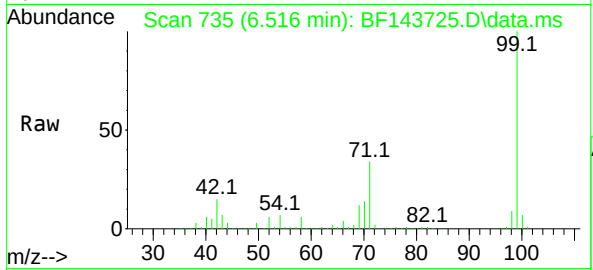




#7
Phenol-d6
Concen: 133.782 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

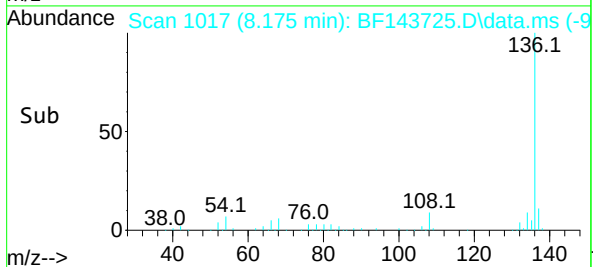
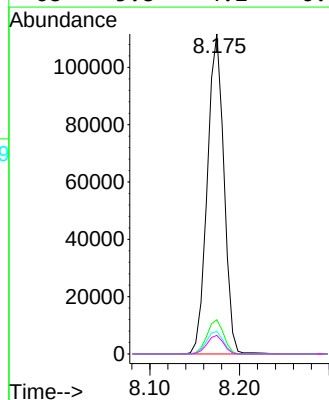
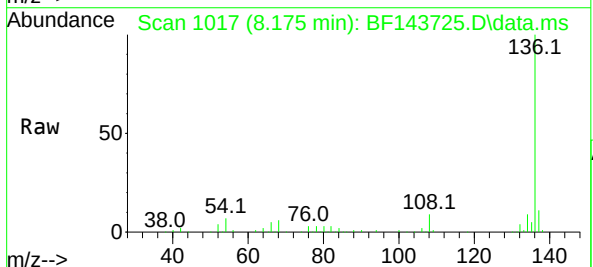
Instrument :
BNA_F
ClientSampleId :
PB169661BL

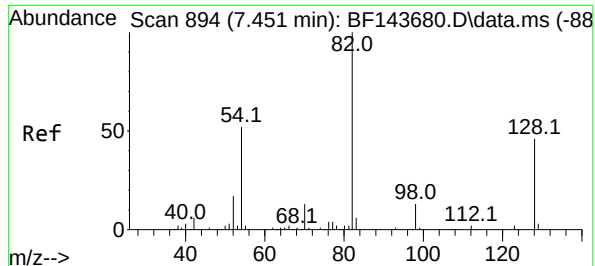
Tgt Ion: 99 Resp: 360407
Ion Ratio Lower Upper
99 100
42 14.9 13.0 19.4
71 33.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Tgt Ion: 136 Resp: 143431
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.0 6.2 9.2
68 5.8 4.2 6.4





#23

Nitrobenzene-d5

Concen: 95.294 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143725.D

Acq: 12 Sep 2025 11:12

Instrument :

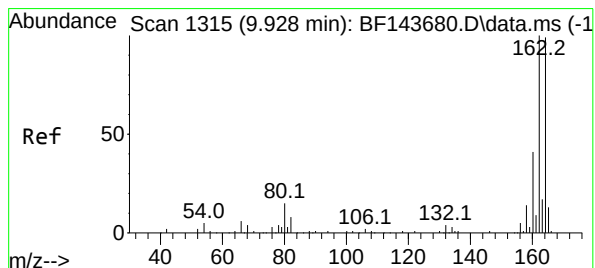
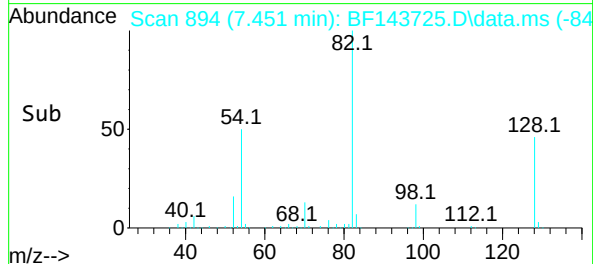
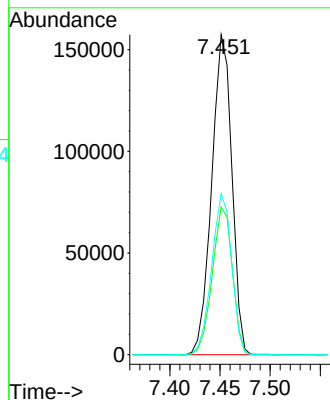
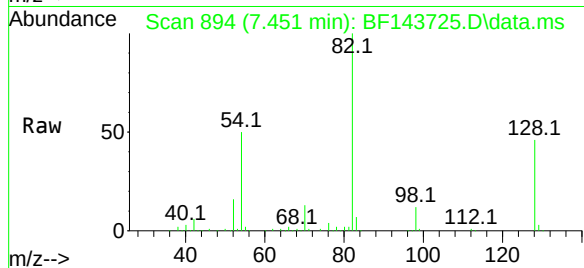
BNA_F

ClientSampleId :

PB169661BL

Tgt Ion: 82 Resp: 219743

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	50.3	41.8	62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

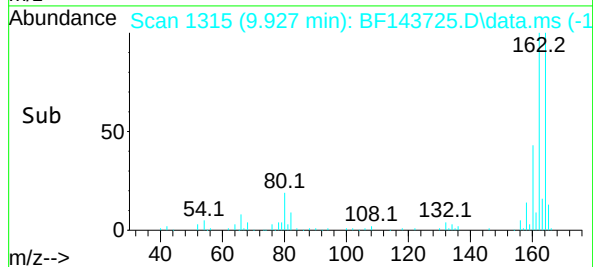
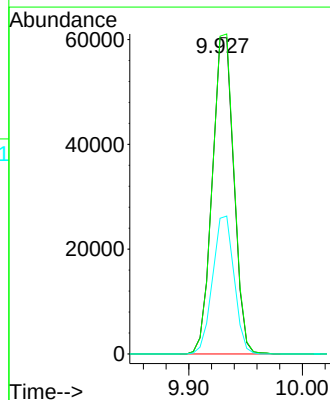
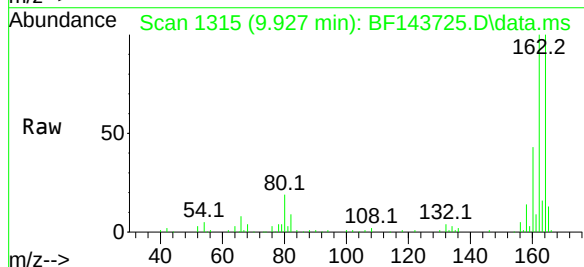
Delta R.T. -0.000 min

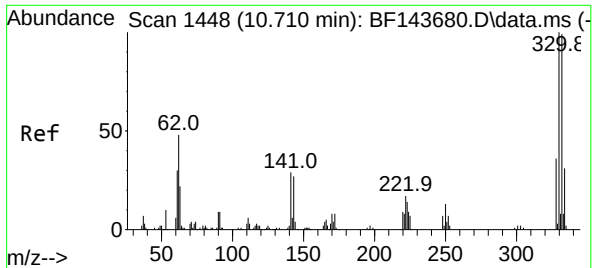
Lab File: BF143725.D

Acq: 12 Sep 2025 11:12

Tgt Ion:164 Resp: 79960

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	121.0
160	42.9	33.0	49.4





#42

2,4,6-Tribromophenol

Concen: 135.846 ng

RT: 10.722 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF143725.D

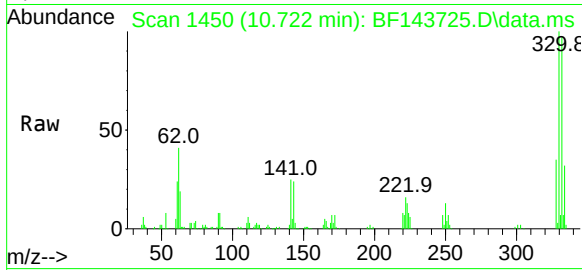
Acq: 12 Sep 2025 11:12

Instrument :

BNA_F

ClientSampleId :

PB169661BL



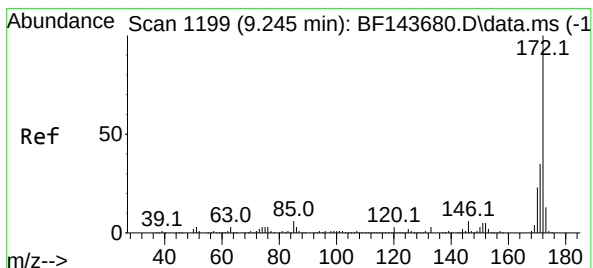
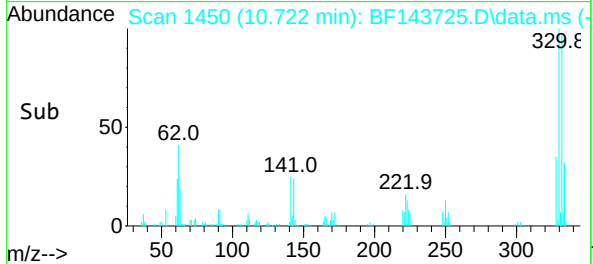
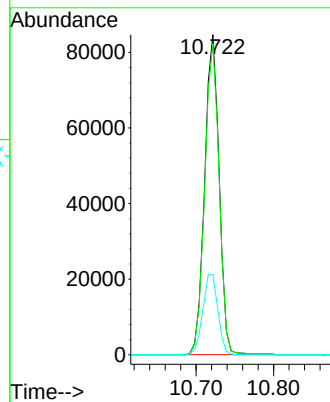
Tgt Ion:330 Resp: 109467

Ion Ratio Lower Upper

330 100

332 97.0 79.2 118.8

141 26.2 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 92.675 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143725.D

Acq: 12 Sep 2025 11:12

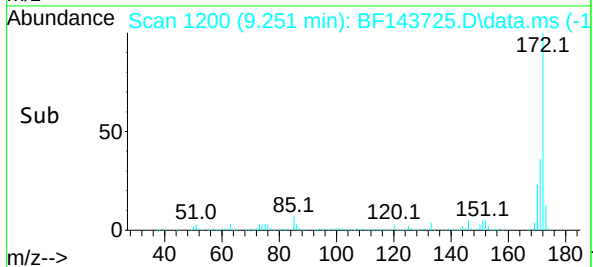
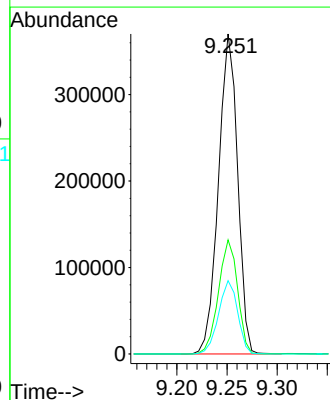
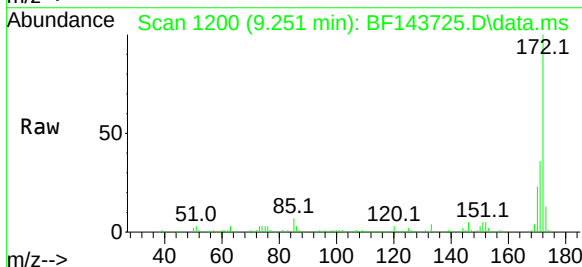
Tgt Ion:172 Resp: 490548

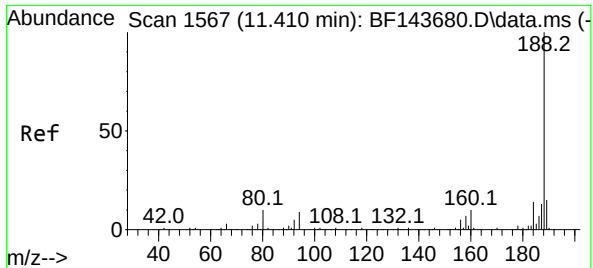
Ion Ratio Lower Upper

172 100

171 35.7 27.9 41.9

170 22.9 18.6 27.8

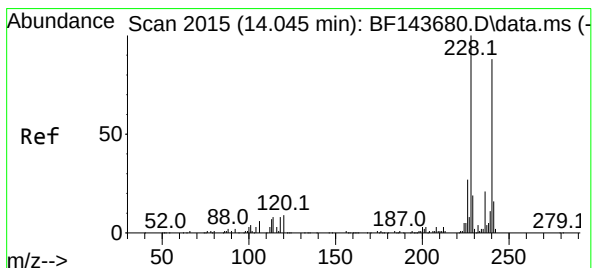
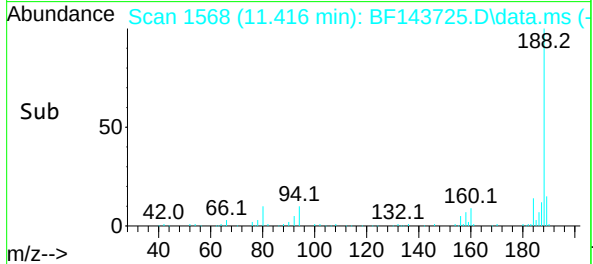
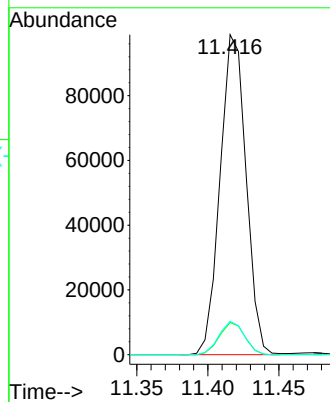
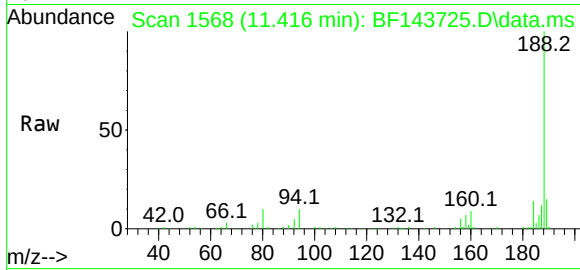




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

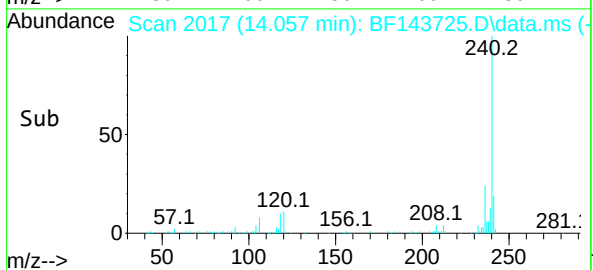
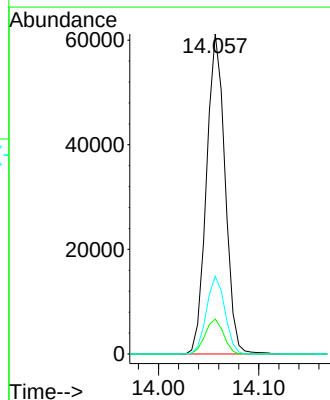
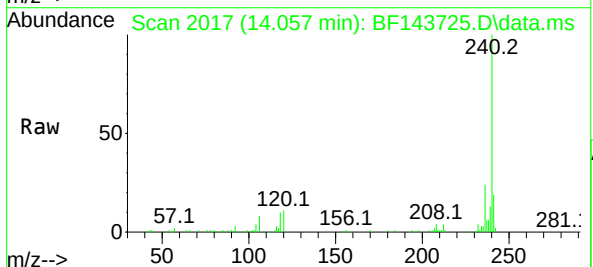
Instrument :
BNA_F
ClientSampleId :
PB169661BL

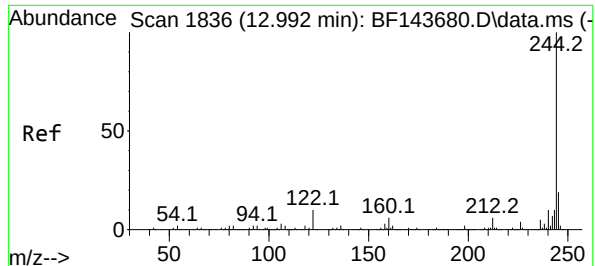
Tgt Ion:188 Resp: 125741
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 10.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BF143725.D
Acq: 12 Sep 2025 11:12

Tgt Ion:240 Resp: 78519
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 24.3 18.6 28.0





#79

Terphenyl-d14

Concen: 92.193 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.017 min

Lab File: BF143725.D

Acq: 12 Sep 2025 11:12

Instrument :

BNA_F

ClientSampleId :

PB169661BL

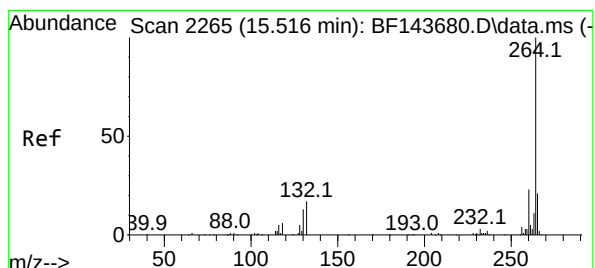
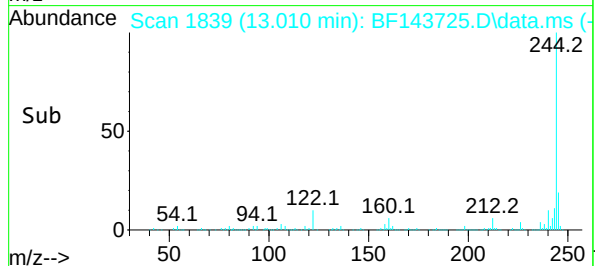
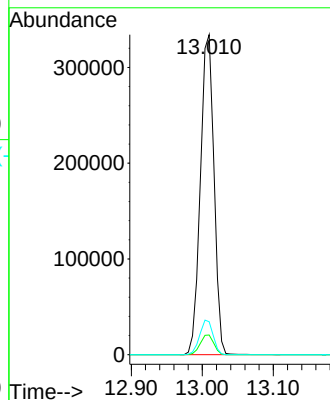
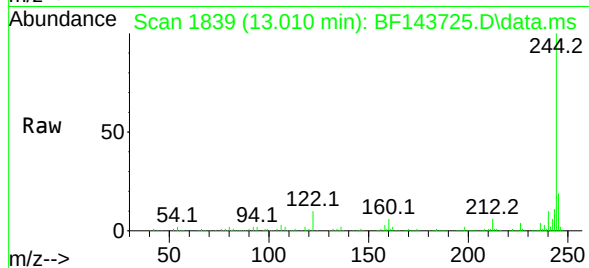
Tgt Ion:244 Resp: 446701

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.6

122 10.3 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.023 min

Lab File: BF143725.D

Acq: 12 Sep 2025 11:12

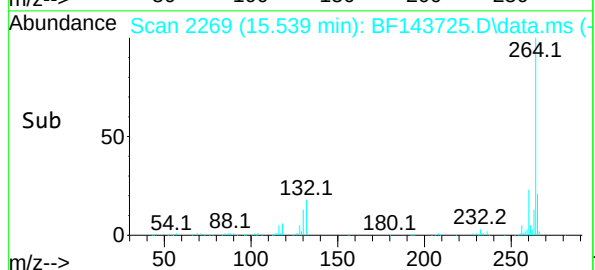
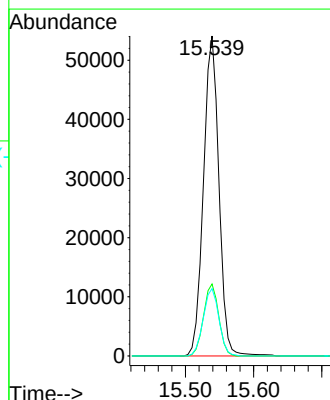
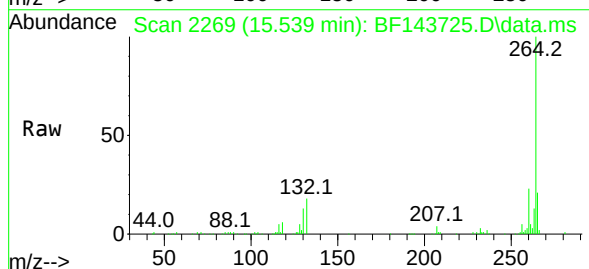
Tgt Ion:264 Resp: 85245

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 21.1 17.1 25.7



Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169661BS	SDG No.:	Q3032
Lab Sample ID:	PB169661BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143726.D	1	09/11/25 08:40	09/12/25 11:42	PB169661

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	37.8		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	45.0		0.53	5.00	ug/L
95-48-7	2-Methylphenol	44.5		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.8		1.10	10.0	ug/L
67-72-1	Hexachloroethane	43.7		0.65	5.00	ug/L
98-95-3	Nitrobenzene	43.4		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.3		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	45.0		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	46.9		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	48.0		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	46.8		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	95.2	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	123		15 (23) - 110 (138)	82%	SPK: 150
13127-88-3	Phenol-d6	121		15 (10) - 110 (134)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.6		30 (67) - 130 (132)	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.4		30 (52) - 130 (132)	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		15 (44) - 110 (137)	84%	SPK: 150
1718-51-0	Terphenyl-d14	84.2		30 (42) - 130 (152)	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	35000		6.892		
1146-65-2	Naphthalene-d8	132000		8.175		
15067-26-2	Acenaphthene-d10	72600		9.933		
1517-22-2	Phenanthrene-d10	109000		11.422		
1719-03-5	Chrysene-d12	67600		14.063		
1520-96-3	Perylene-d12	78900		15.545		

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169661BS	SDG No.:	Q3032
Lab Sample ID:	PB169661BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143726.D	1	09/11/25 08:40	09/12/25 11:42	PB169661

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\BF091225\
 Data File : BF143726.D
 Acq On : 12 Sep 2025 11:42
 Operator : RC/JU
 Sample : PB169661BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025

Quant Time: Sep 12 12:03:22 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 09 15:20:16 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	35028	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	132353	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	72610	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	108626	20.000	ng	0.01
76) Chrysene-d12	14.063	240	67628	20.000	ng	0.02
86) Perylene-d12	15.545	264	78937	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	252024	122.756	ng	0.02
7) Phenol-d6	6.516	99	302897	121.169	ng	0.01
23) Nitrobenzene-d5	7.457	82	184367	86.645	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	92051	125.796	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	410692	85.442	ng	0.00
79) Terphenyl-d14	13.004	244	351324	84.185	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	34880	38.087	ng	95
3) Pyridine	3.516	79	89516	37.839	ng	95
4) n-Nitrosodimethylamine	3.469	42	39551	44.012	ng	99
6) Aniline	6.557	93	114979	34.728	ng	97
8) 2-Chlorophenol	6.681	128	99127	44.705	ng	94
9) Benzaldehyde	6.445	77	40049	19.857	ng	98
10) Phenol	6.534	94	123794	44.800	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	89827	43.525	ng	98
12) 1,3-Dichlorobenzene	6.834	146	111866	44.112	ng	98
13) 1,4-Dichlorobenzene	6.910	146	115061	44.952	ng	99
14) 1,2-Dichlorobenzene	7.063	146	110252	45.613	ng	99
15) Benzyl Alcohol	7.034	79	80834	44.454	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	109211	40.448	ng	96
17) 2-Methylphenol	7.140	107	79290	44.452	ng	99
18) Hexachloroethane	7.410	117	36092	43.650	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	67227	43.788	ng	96
20) 3+4-Methylphenols	7.292	107	102764	43.750	ng	94
22) Acetophenone	7.304	105	138061	46.187	ng	98
24) Nitrobenzene	7.475	77	95840	43.439	ng	97
25) Isophorone	7.716	82	179416	43.972	ng	99
26) 2-Nitrophenol	7.792	139	52390	48.295	ng	94
27) 2,4-Dimethylphenol	7.822	122	91079	46.769	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	110745	44.166	ng	99
29) 2,4-Dichlorophenol	8.028	162	85946	43.873	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	95201	46.909	ng	100
31) Naphthalene	8.198	128	290082	44.274	ng	99
32) Benzoic acid	7.934	122	60184	50.655	ng	99
33) 4-Chloroaniline	8.239	127	58213	25.522	ng	99
34) Hexachlorobutadiene	8.316	225	57333	43.311	ng	98
35) Caprolactam	8.610	113	22813m	43.754	ng	
36) 4-Chloro-3-methylphenol	8.722	107	82750	42.841	ng	95
37) 2-Methylnaphthalene	8.892	142	173118	38.599	ng	99
38) 1-Methylnaphthalene	8.986	142	181729	42.221	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	93226	44.848	ng	98
41) Hexachlorocyclopentadiene	9.045	237	131103	122.848	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	62519	45.041	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143726.D
 Acq On : 12 Sep 2025 11:42
 Operator : RC/JU
 Sample : PB169661BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025

Quant Time: Sep 12 12:03:22 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 09 15:20:16 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	66246	46.946	ng	97
46) 1,1'-Biphenyl	9.357	154	241988	46.293	ng	99
47) 2-Chloronaphthalene	9.381	162	182152	44.449	ng	99
48) 2-Nitroaniline	9.469	65	49555	45.694	ng	95
49) Acenaphthylene	9.798	152	292352	49.803	ng	100
50) Dimethylphthalate	9.657	163	208083	44.046	ng	99
51) 2,6-Dinitrotoluene	9.716	165	44790	49.587	ng	92
52) Acenaphthene	9.969	154	190014	46.974	ng	100
53) 3-Nitroaniline	9.880	138	31295	32.195	ng	98
54) 2,4-Dinitrophenol	9.986	184	48927	99.240	ng	# 49
55) Dibenzofuran	10.139	168	256837	44.156	ng	99
56) 4-Nitrophenol	10.033	139	67608	87.423	ng	97
57) 2,4-Dinitrotoluene	10.116	165	59007	47.999	ng	96
58) Fluorene	10.486	166	199520	43.820	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	53483	46.743	ng	98
60) Diethylphthalate	10.357	149	189860	42.807	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	102471	44.376	ng	98
62) 4-Nitroaniline	10.498	138	39265	42.649	ng	98
63) Azobenzene	10.633	77	170449	43.471	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	29817	53.913	ng	98
66) n-Nitrosodiphenylamine	10.592	169	173695	48.810	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	60427	46.130	ng	95
68) Hexachlorobenzene	11.027	284	64773	46.830	ng	95
69) Atrazine	11.116	200	51467	46.127	ng	98
70) Pentachlorophenol	11.222	266	79604	95.206	ng	98
71) Phenanthrene	11.445	178	272473	45.525	ng	100
72) Anthracene	11.498	178	276146	45.886	ng	100
73) Carbazole	11.651	167	224227	45.495	ng	100
74) Di-n-butylphthalate	11.980	149	264791	44.625	ng	100
75) Fluoranthene	12.633	202	240029	43.686	ng	99
77) Benzidine	12.751	184	63941	28.994	ng	99
78) Pyrene	12.863	202	235380	43.531	ng	99
80) Butylbenzylphthalate	13.480	149	85691	50.580	ng	98
81) Benzo(a)anthracene	14.051	228	203632	46.804	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	49003	36.611	ng	95
83) Chrysene	14.092	228	185654	46.591	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	126481	52.324	ng	98
85) Di-n-octyl phthalate	14.657	149	239312	55.247	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	253596	47.073	ng	99
88) Benzo(b)fluoranthene	15.110	252	211593	45.030	ng	99
89) Benzo(k)fluoranthene	15.139	252	203558	47.999	ng	99
90) Benzo(a)pyrene	15.480	252	204835	49.619	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	211974	47.425	ng	99
92) Benzo(g,h,i)perylene	17.504	276	202222	48.370	ng	98

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

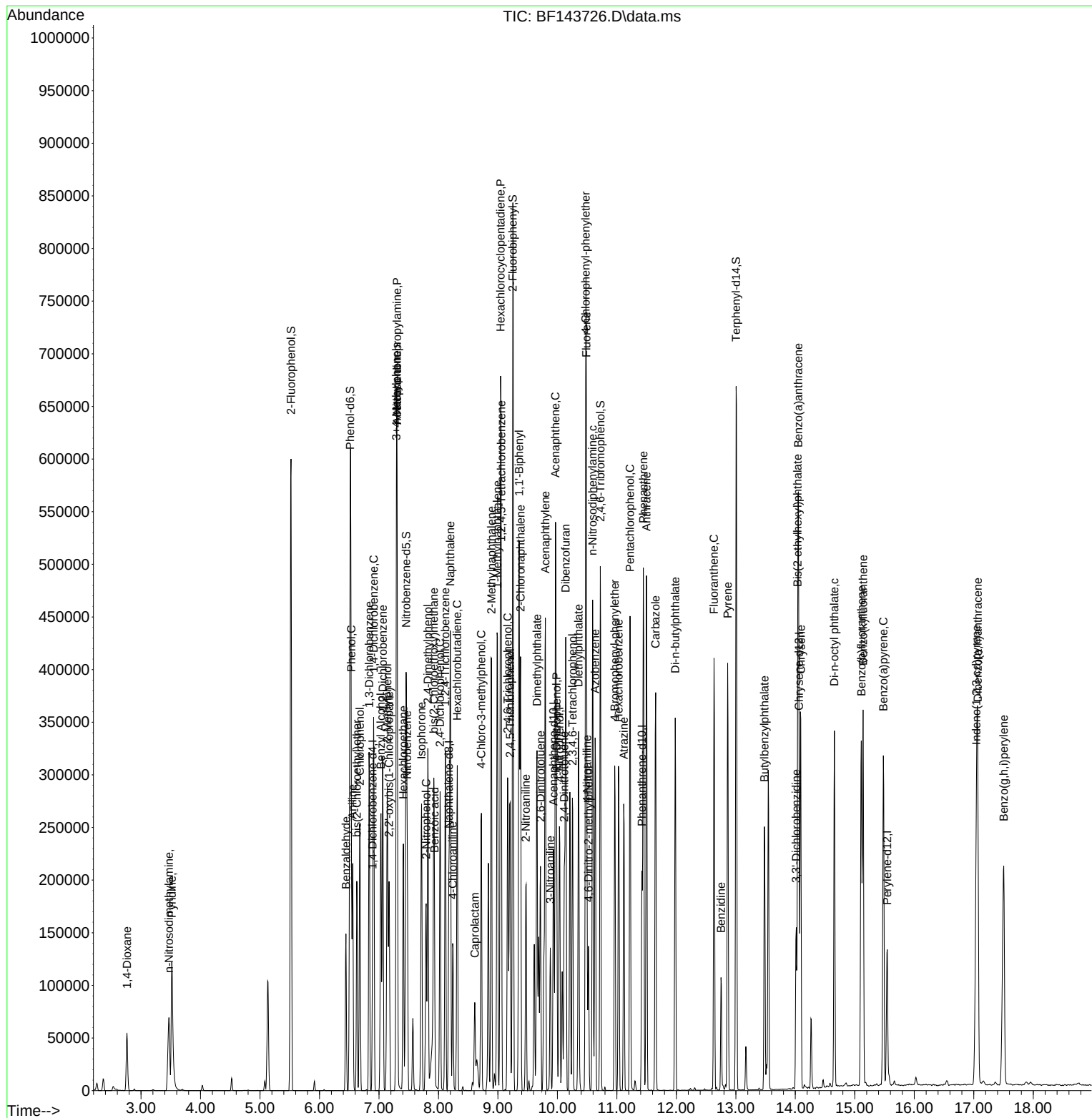
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Data File : BF143726.D
Acq On : 12 Sep 2025 11:42
Operator : RC/JU
Sample : PB169661BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

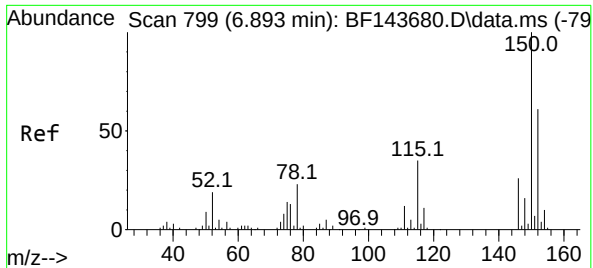
Instrument :
BNA_F
ClientSampleId :
PB169661BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

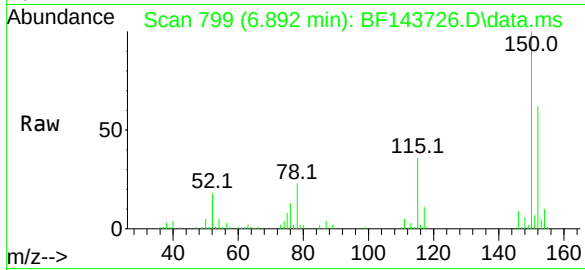
Quant Time: Sep 12 12:03:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

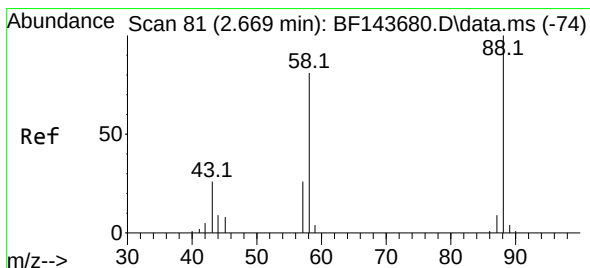
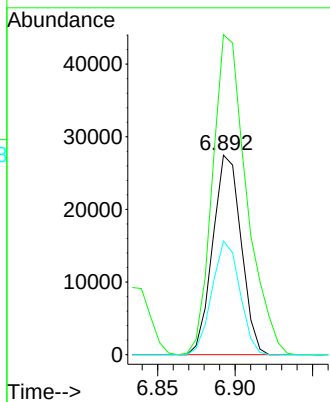
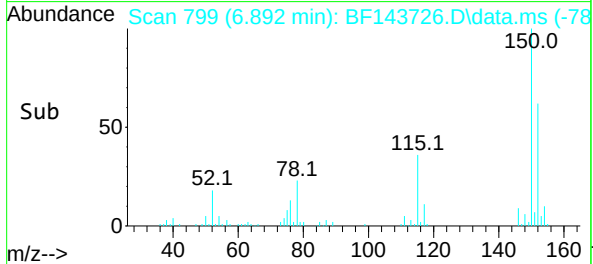
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion:152 Resp: 35028
Ion Ratio Lower Upper
152 100
150 160.4 130.7 196.1
115 57.0 45.9 68.9

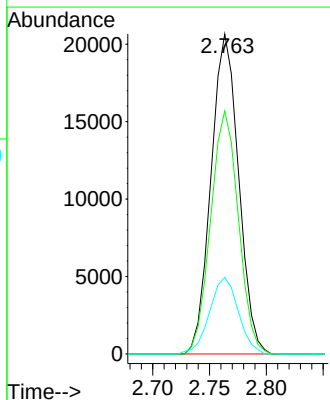
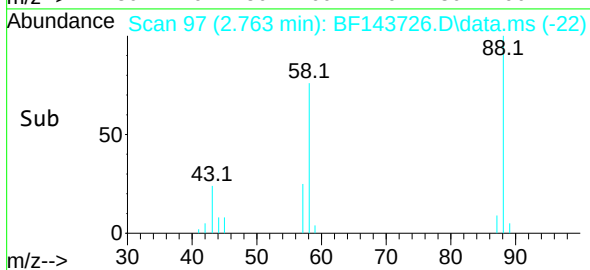
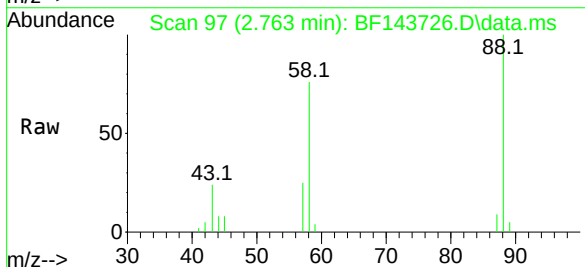
Manual Integrations
APPROVED

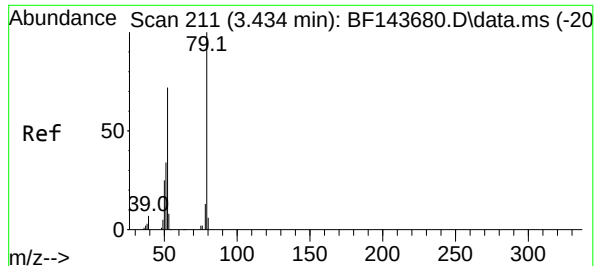
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#2
1,4-Dioxane
Concen: 38.087 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.094 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

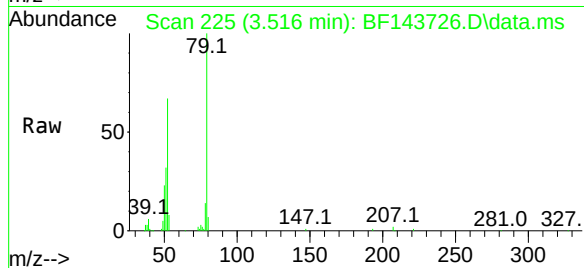
Tgt Ion: 88 Resp: 34880
Ion Ratio Lower Upper
88 100
58 76.3 65.8 98.6
43 25.0 20.6 31.0





#3
Pyridine
Concen: 37.839 ng
RT: 3.516 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

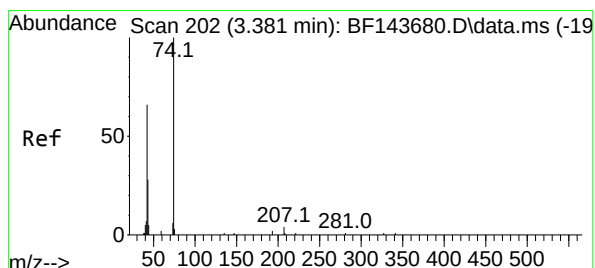
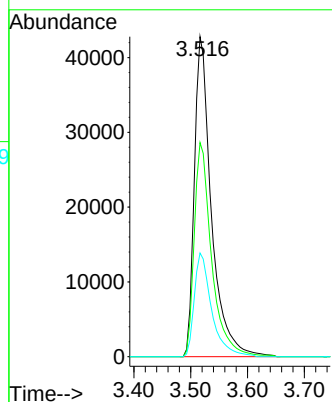
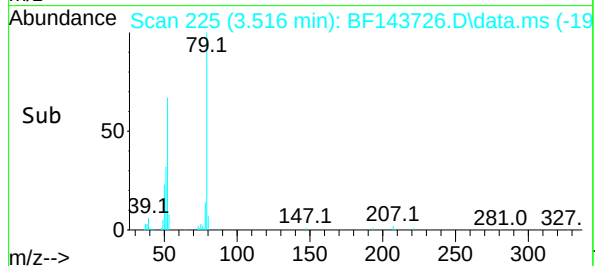
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion: 79 Resp: 89510
Ion Ratio Lower Upper
79 100
52 66.9 57.2 85.8
51 32.4 27.0 40.6

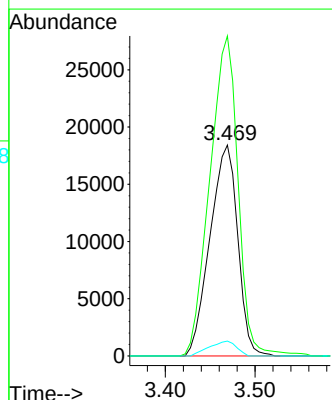
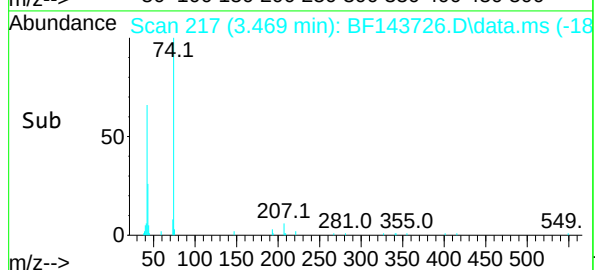
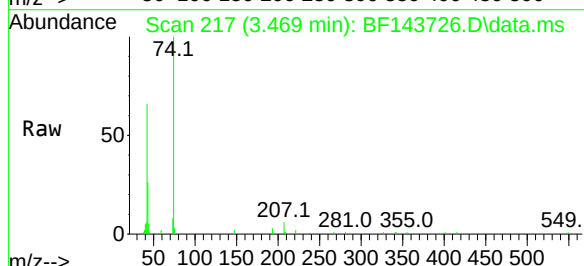
Manual Integrations
APPROVED

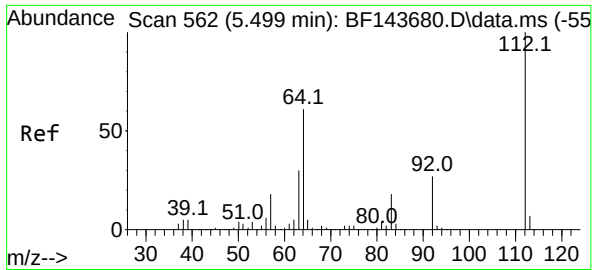
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#4
n-Nitrosodimethylamine
Concen: 44.012 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

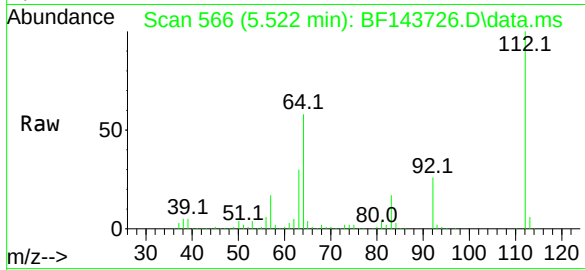
Tgt Ion: 42 Resp: 39551
Ion Ratio Lower Upper
42 100
74 151.7 120.9 181.3
44 7.0 6.5 9.7





#5
2-Fluorophenol
Concen: 122.756 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

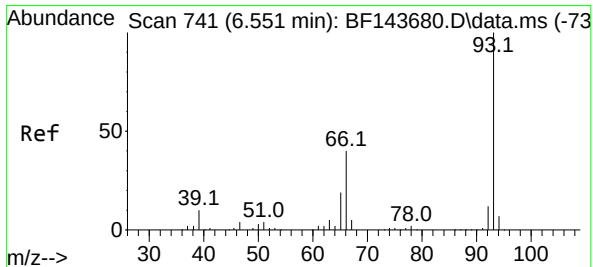
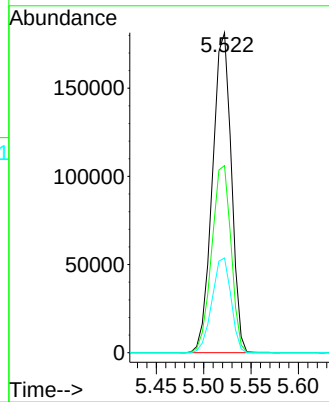
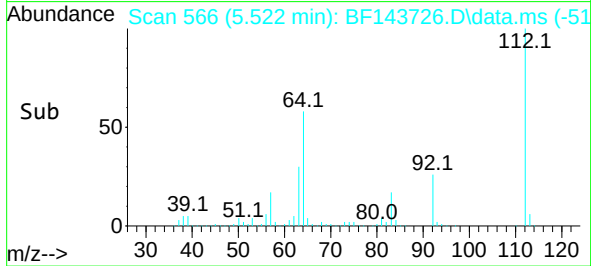
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion:112 Resp: 252024
Ion Ratio Lower Upper
112 100
64 58.4 49.0 73.4
63 29.6 24.3 36.5

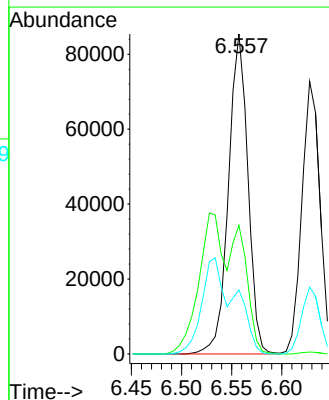
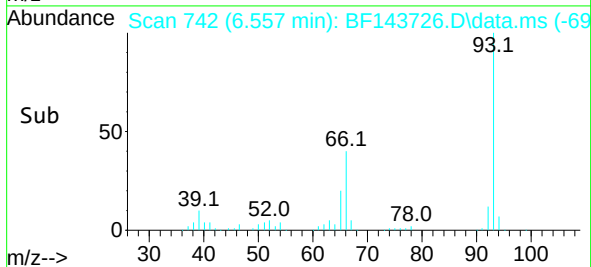
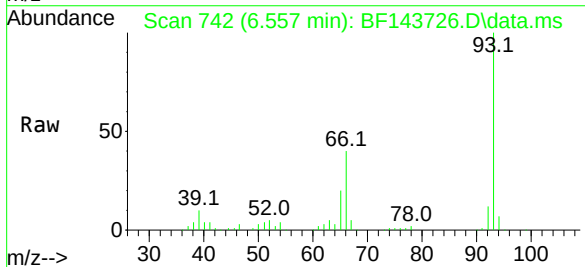
Manual Integrations
APPROVED

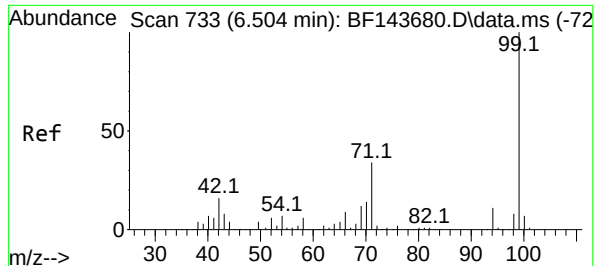
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#6
Aniline
Concen: 34.728 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

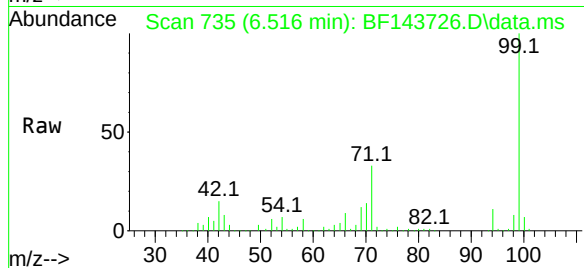
Tgt Ion: 93 Resp: 114979
Ion Ratio Lower Upper
93 100
66 40.2 34.1 51.1
65 20.0 16.1 24.1





#7
Phenol-d6
Concen: 121.169 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

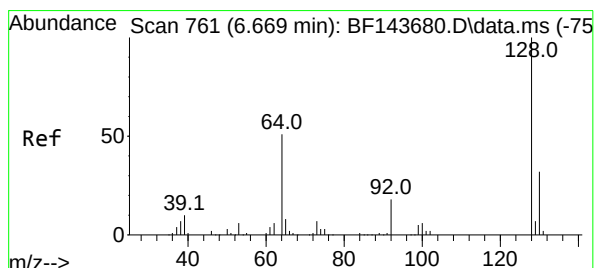
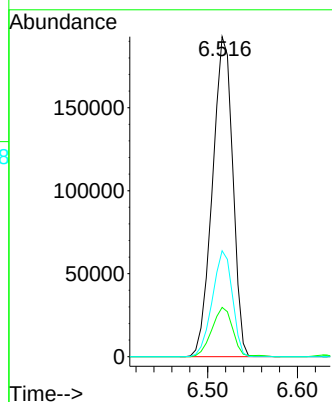
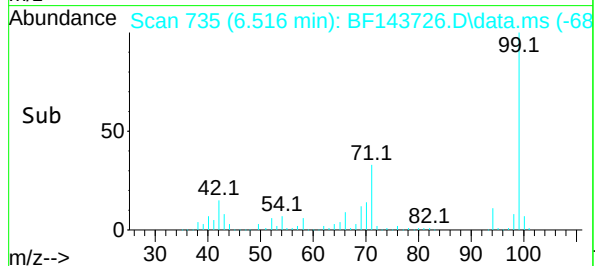
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion: 99 Resp: 30289
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 33.1 27.4 41.2

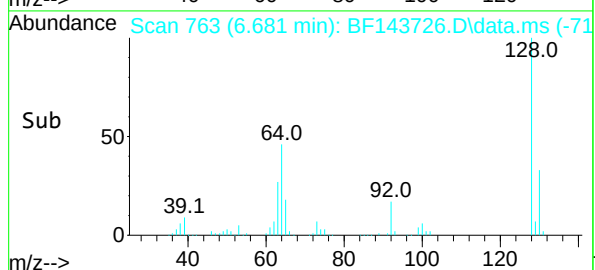
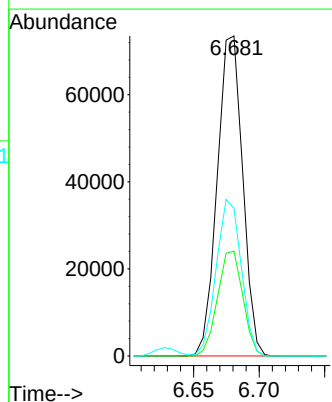
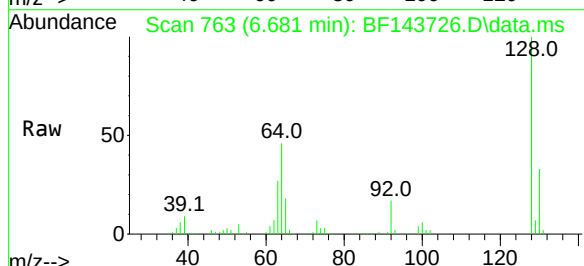
Manual Integrations
APPROVED

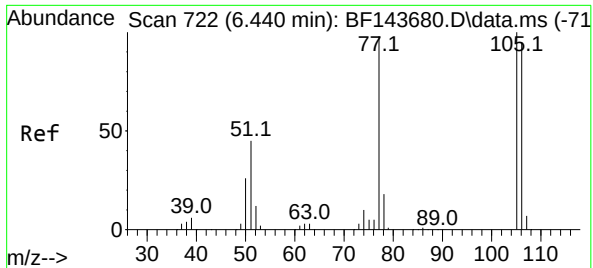
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#8
2-Chlorophenol
Concen: 44.705 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:128 Resp: 99127
Ion Ratio Lower Upper
128 100
130 32.7 12.0 52.0
64 46.1 31.9 71.9





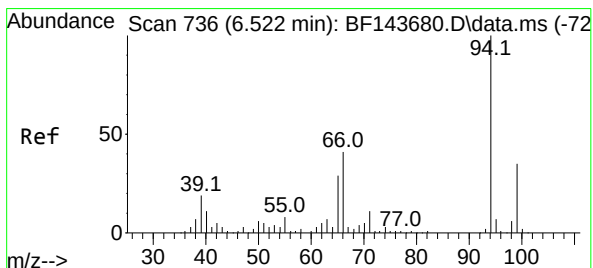
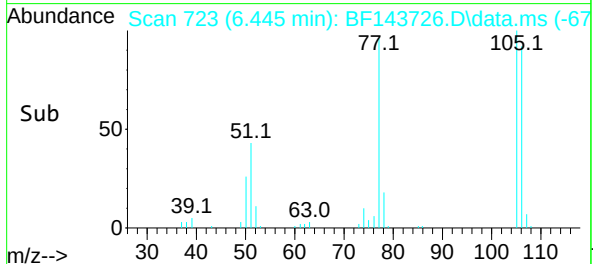
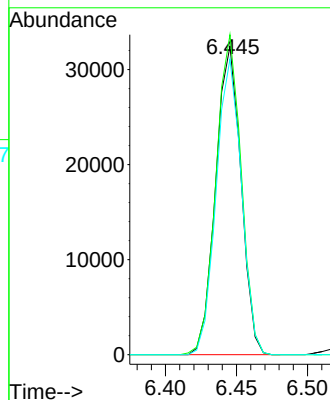
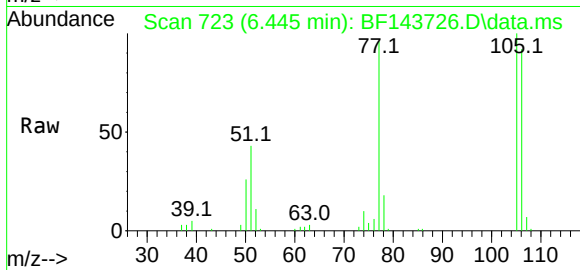
#9
Benzaldehyde
Concen: 19.857 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB169661BS

Tgt Ion: 77 Resp: 40049
Ion Ratio Lower Upper
77 100
105 103.7 81.7 121.7
106 95.9 76.9 116.9

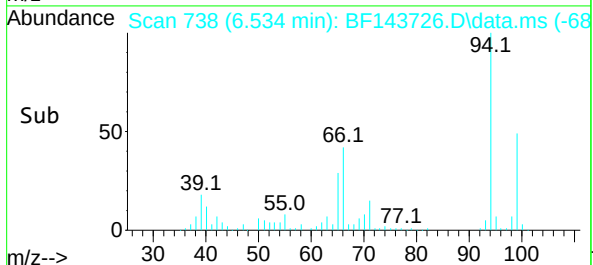
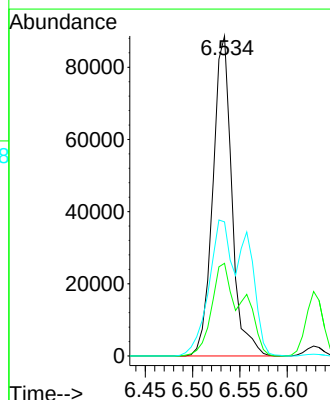
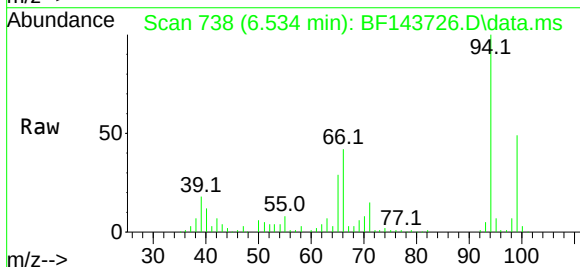
Manual Integrations
APPROVED

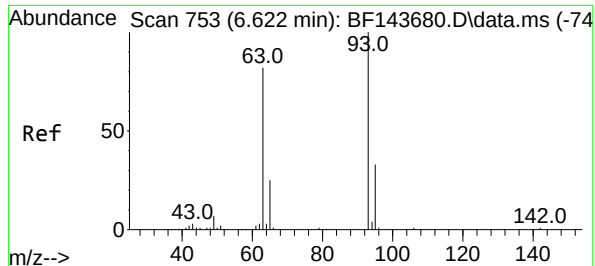
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#10
Phenol
Concen: 44.800 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion: 94 Resp: 123794
Ion Ratio Lower Upper
94 100
65 29.0 9.1 49.1
66 41.9 20.8 60.8





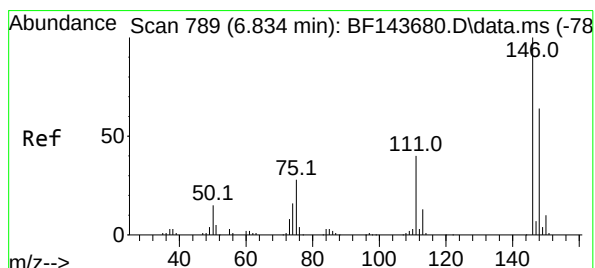
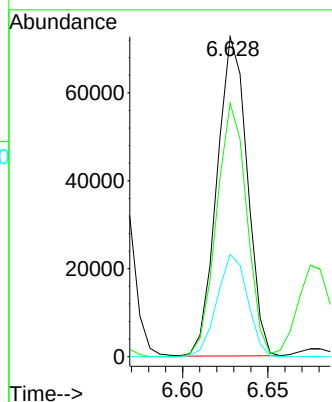
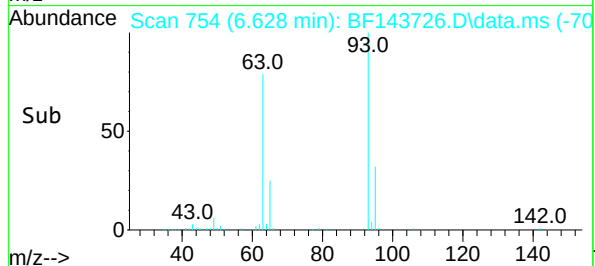
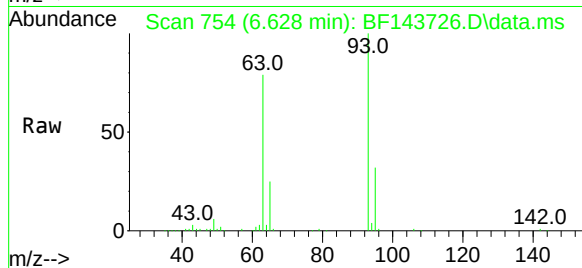
#11
bis(2-Chloroethyl)ether
Concen: 43.525 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB169661BS

Tgt Ion: 93 Resp: 8982
Ion Ratio Lower Upper
93 100
63 79.2 61.8 101.8
95 32.0 12.6 52.6

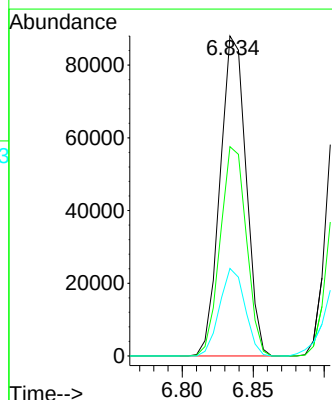
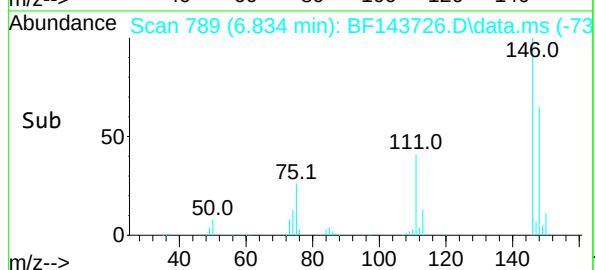
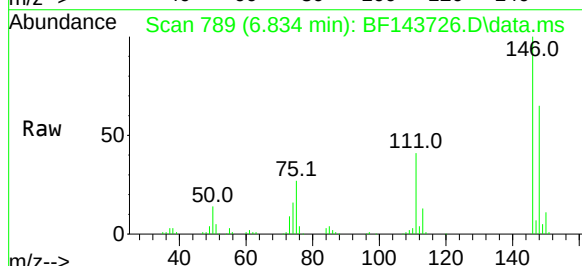
Manual Integrations
APPROVED

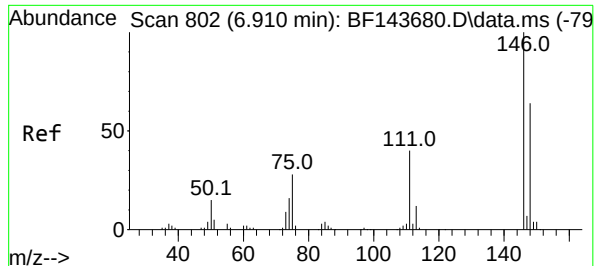
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#12
1,3-Dichlorobenzene
Concen: 44.112 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:146 Resp: 111866
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.4
75 27.3 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 44.952 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:146 Resp: 11506

Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

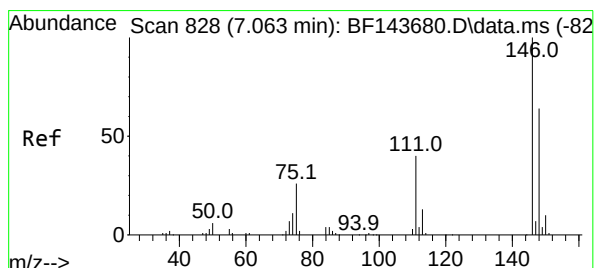
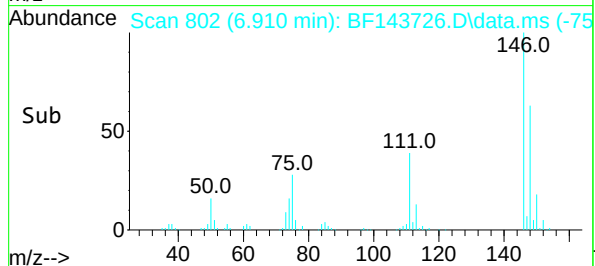
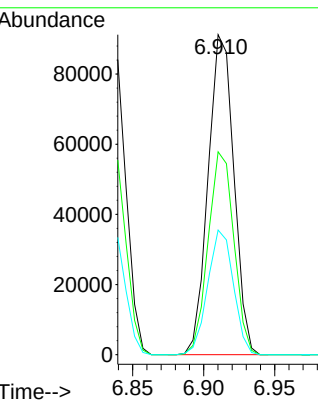
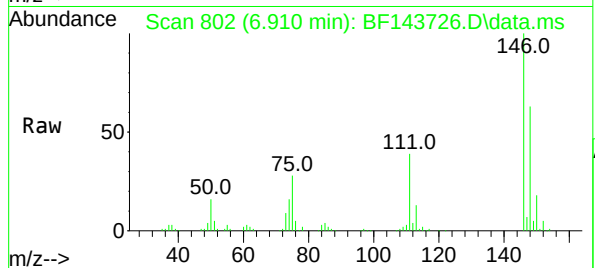
111 38.9 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#14

1,2-Dichlorobenzene

Concen: 45.613 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

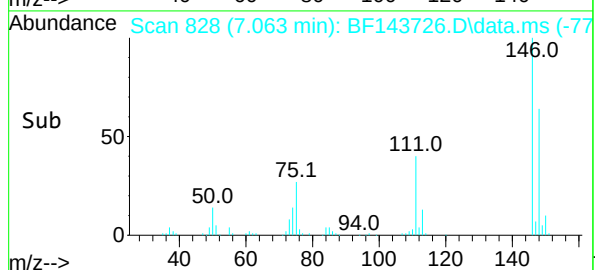
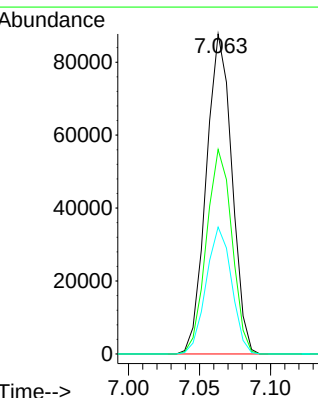
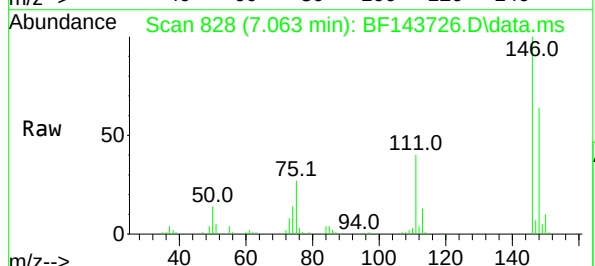
Tgt Ion:146 Resp: 110252

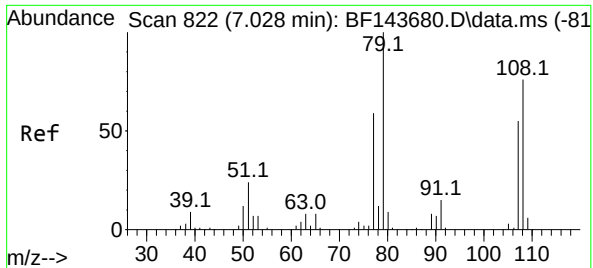
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

111 39.7 32.3 48.5





#15

Benzyl Alcohol

Concen: 44.454 ng

RT: 7.034 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion: 79 Resp: 80834

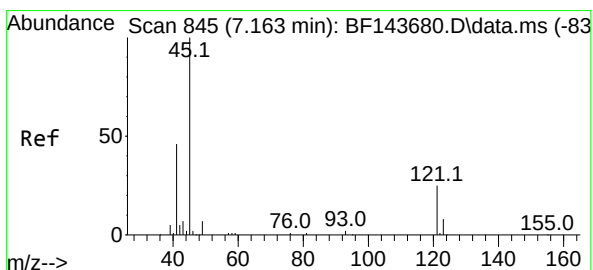
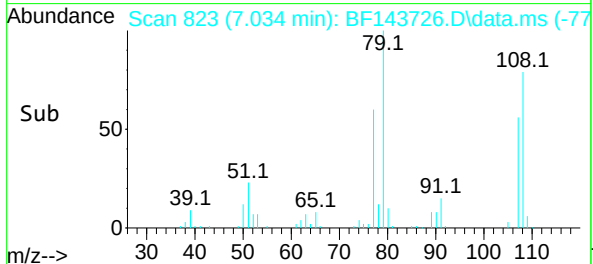
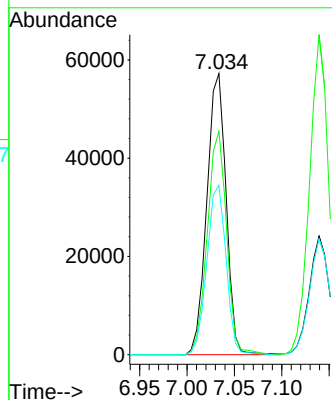
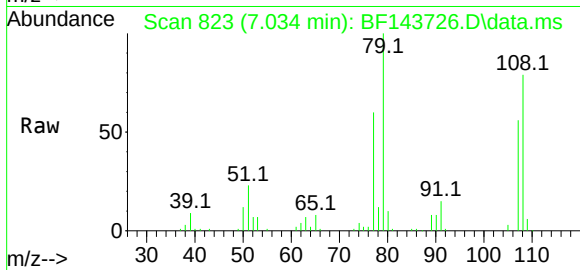
Ion	Ratio	Lower	Upper
79	100		
108	79.5	60.9	91.3
77	60.2	47.4	71.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.448 ng

RT: 7.169 min Scan# 846

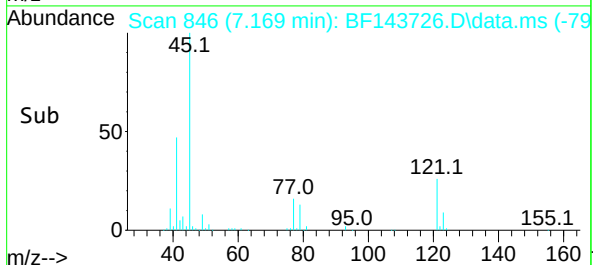
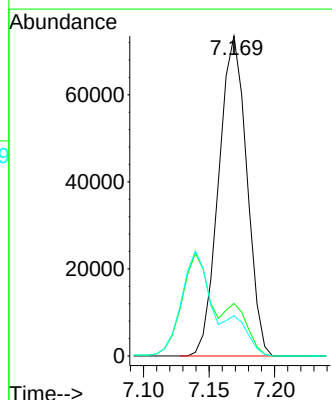
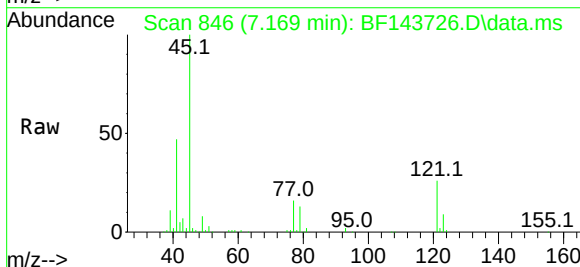
Delta R.T. 0.006 min

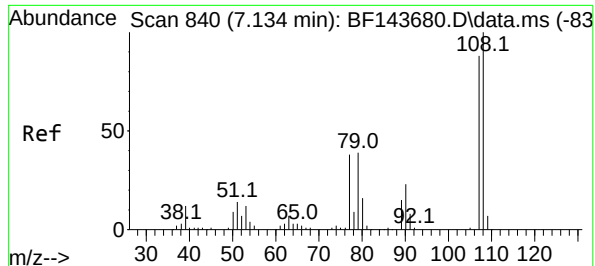
Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Tgt Ion: 45 Resp: 109211

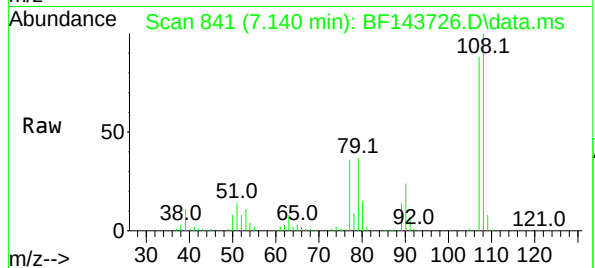
Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	34.6
79	12.6	0.0	31.3





#17
2-Methylphenol
Concen: 44.452 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

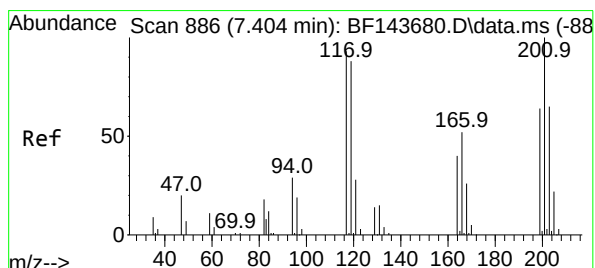
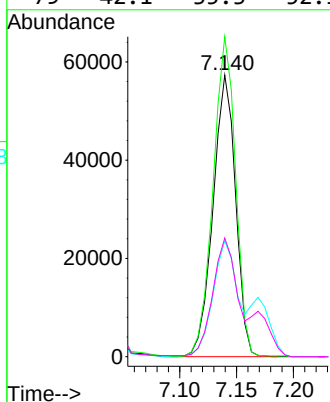
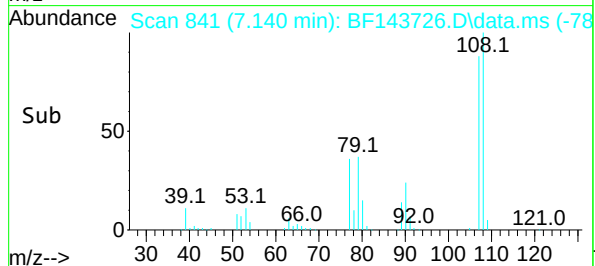
Instrument :
BNA_F
ClientSampleId :
PB169661BS



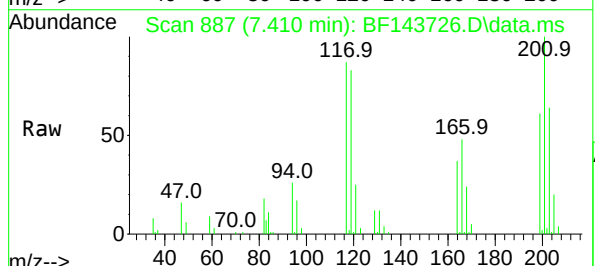
Tgt Ion:107 Resp: 79290
Ion Ratio Lower Upper
107 100
108 113.6 90.9 136.3
77 41.2 34.4 51.6
79 42.1 35.3 52.9

Manual Integrations
APPROVED

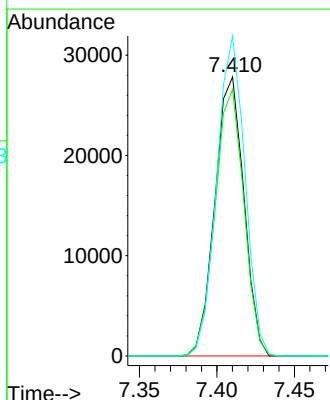
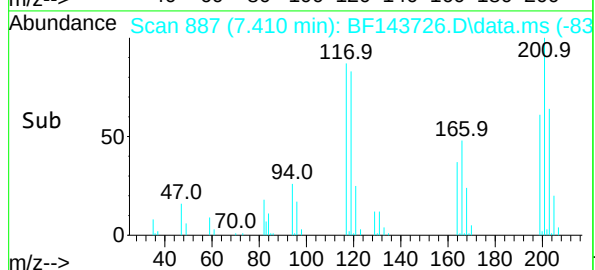
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

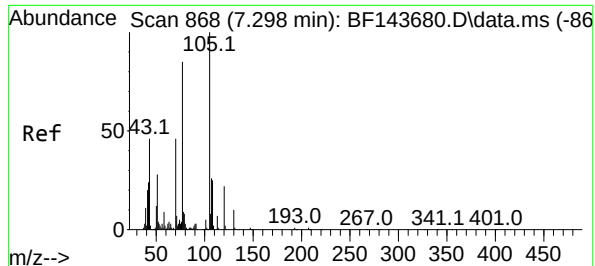


#18
Hexachloroethane
Concen: 43.650 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:117 Resp: 36092
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2
201 114.7 86.4 129.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.788 ng

RT: 7.304 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion: 70 Resp: 6722

Ion Ratio Lower Upper

70 100

42 47.7 41.4 62.2

101 10.0 8.1 12.1

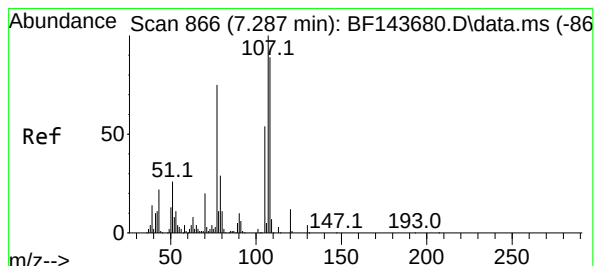
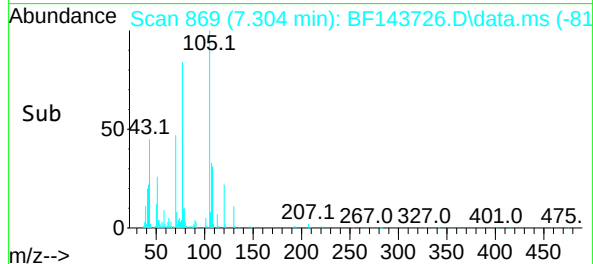
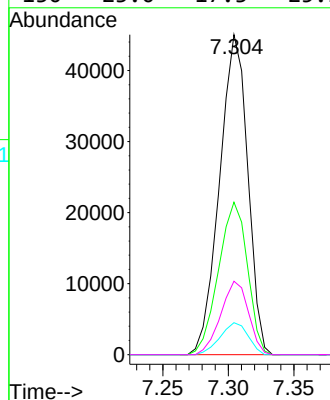
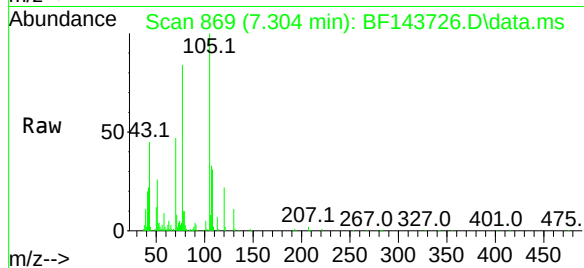
130 23.0 17.3 25.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#20

3+4-Methylphenols

Concen: 43.750 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Tgt Ion:107 Resp: 102764

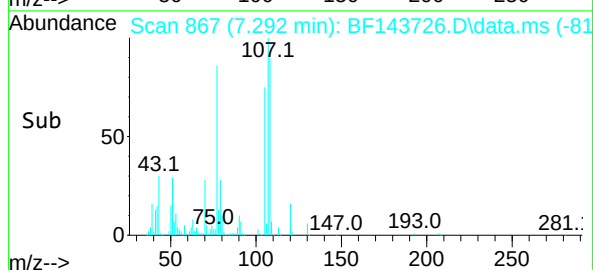
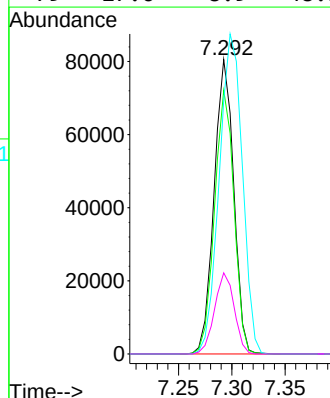
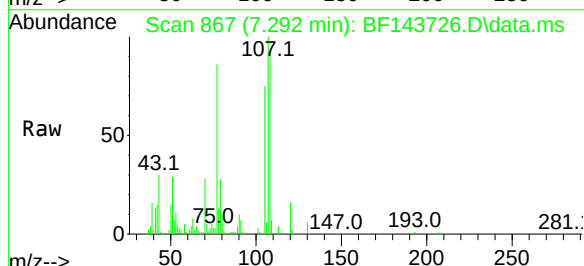
Ion Ratio Lower Upper

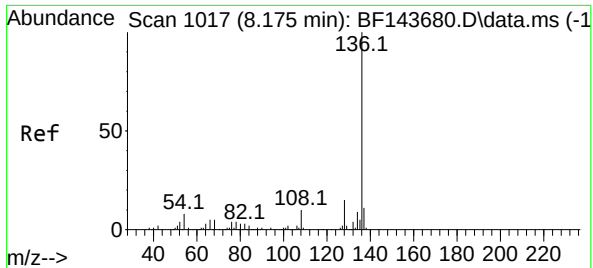
107 100

108 89.6 68.6 108.6

77 86.1 54.6 94.6

79 27.6 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:136 Resp: 13235

Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.6 6.2 9.2

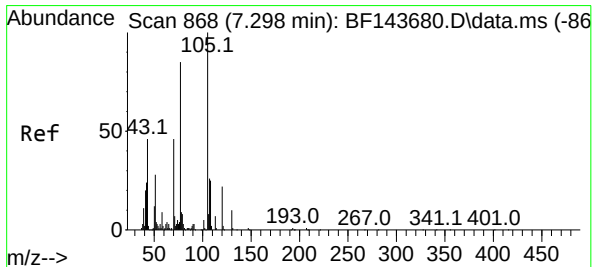
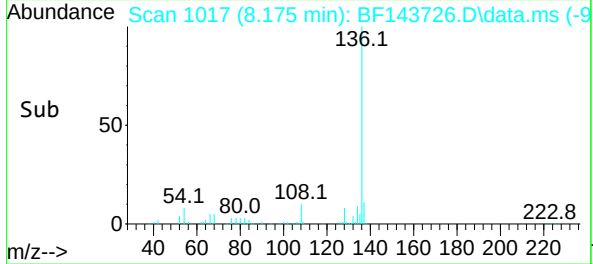
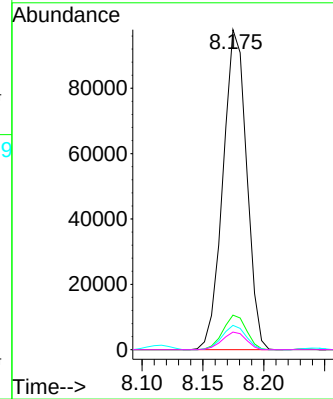
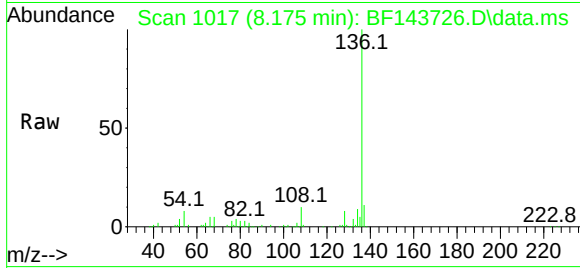
68 5.5 4.2 6.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#22

Acetophenone

Concen: 46.187 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Tgt Ion:105 Resp: 138061

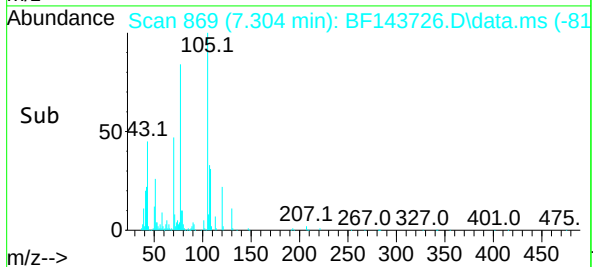
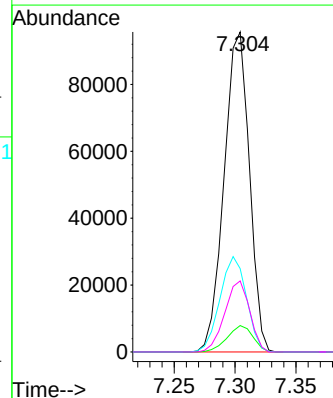
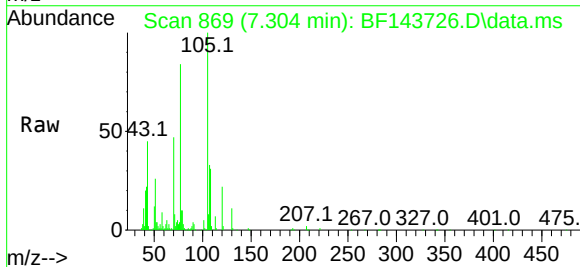
Ion Ratio Lower Upper

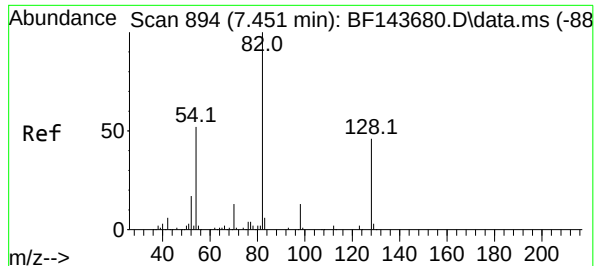
105 100

71 8.3 5.9 8.9

51 26.1 22.4 33.6

120 22.2 17.6 26.4





#23

Nitrobenzene-d5

Concen: 86.645 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion: 82 Resp: 18436

Ion Ratio Lower Upper

82 100

128 47.9 37.0 55.4

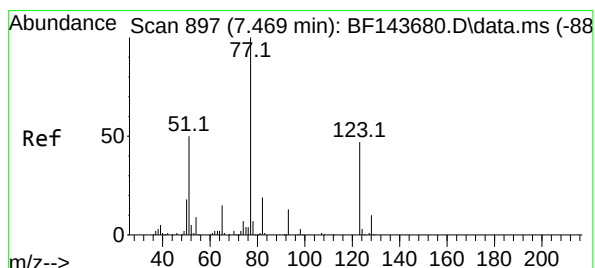
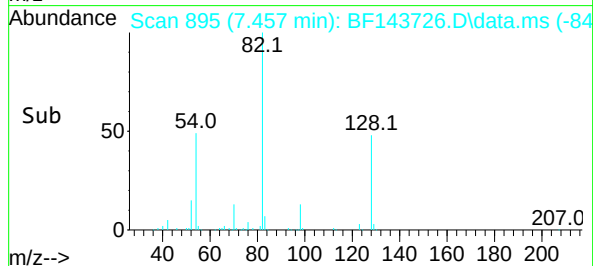
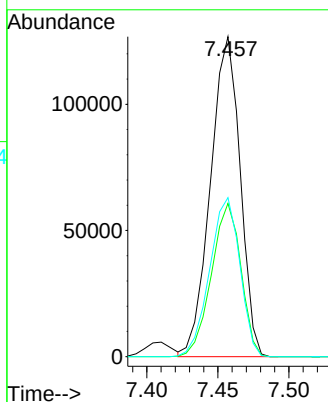
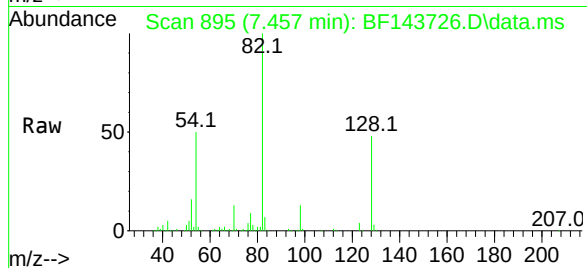
54 49.7 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#24

Nitrobenzene

Concen: 43.439 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

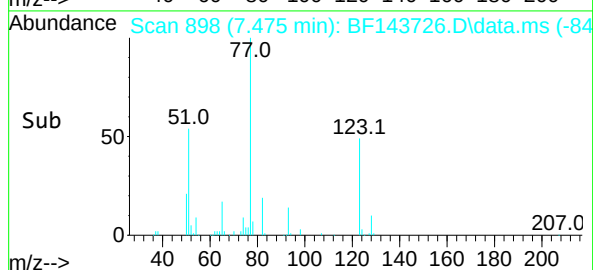
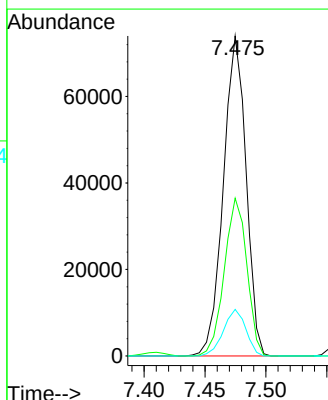
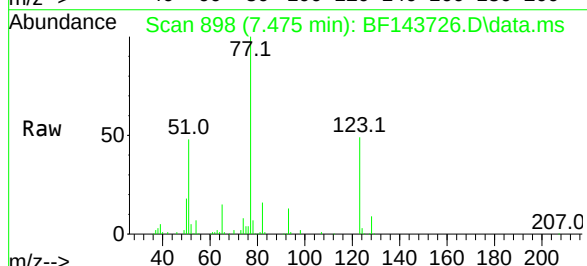
Tgt Ion: 77 Resp: 95840

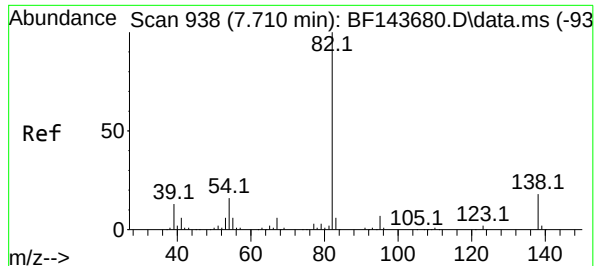
Ion Ratio Lower Upper

77 100

123 49.3 37.4 56.0

65 14.5 11.6 17.4





#25

Isophorone

Concen: 43.972 ng

RT: 7.716 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion: 82 Resp: 179410

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

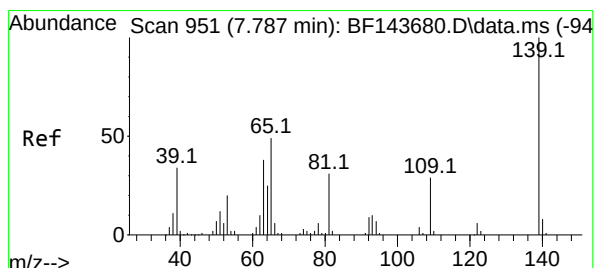
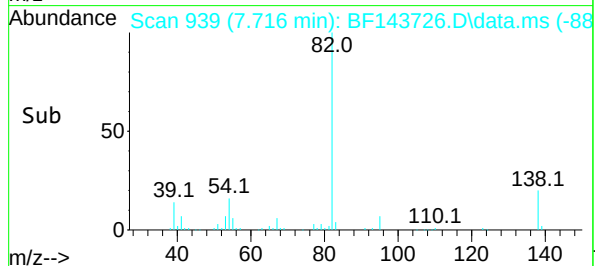
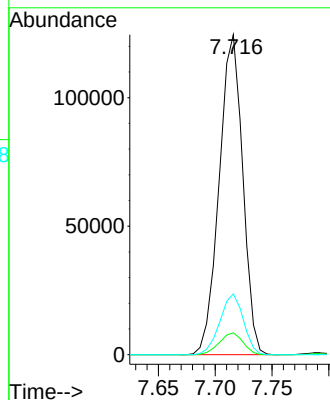
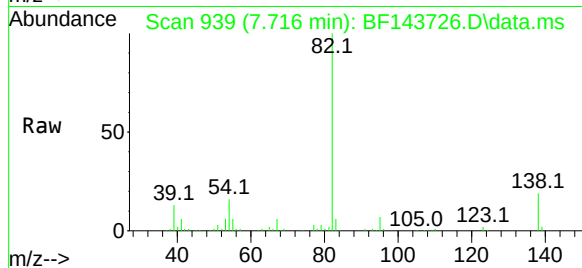
138 19.0 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#26

2-Nitrophenol

Concen: 48.295 ng

RT: 7.792 min Scan# 952

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

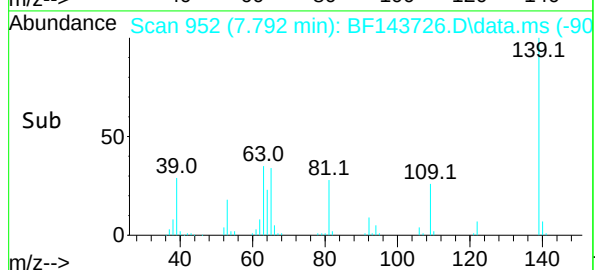
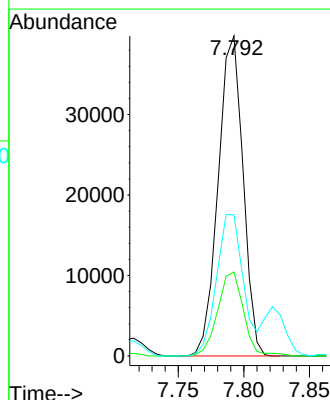
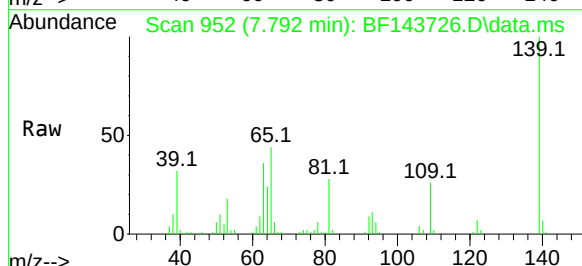
Tgt Ion:139 Resp: 52390

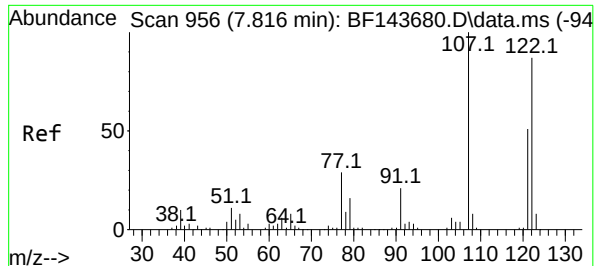
Ion Ratio Lower Upper

139 100

109 26.2 22.8 34.2

65 44.1 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 46.769 ng

RT: 7.822 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:122 Resp: 91079

Ion Ratio Lower Upper

122 100

107 111.8 92.1 138.1

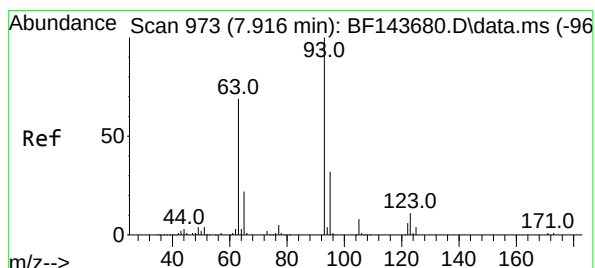
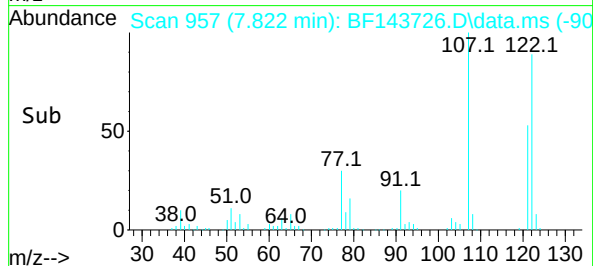
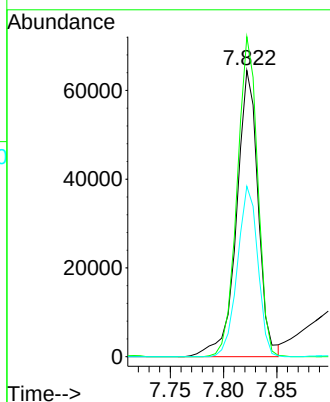
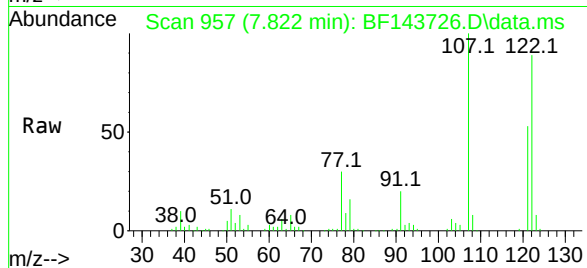
121 59.5 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.166 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

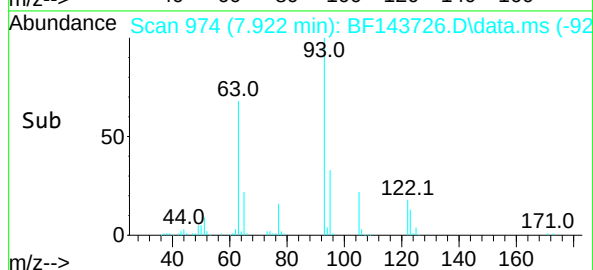
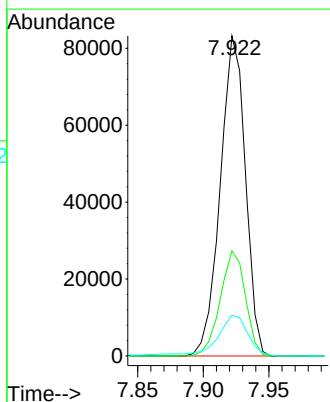
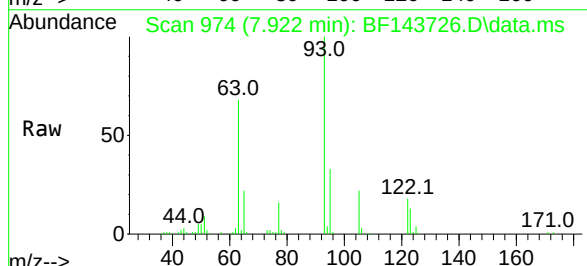
Tgt Ion: 93 Resp: 110745

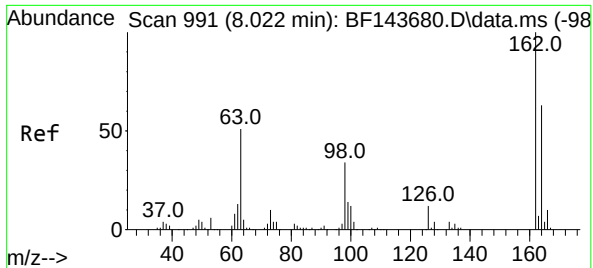
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 12.7 9.6 14.4





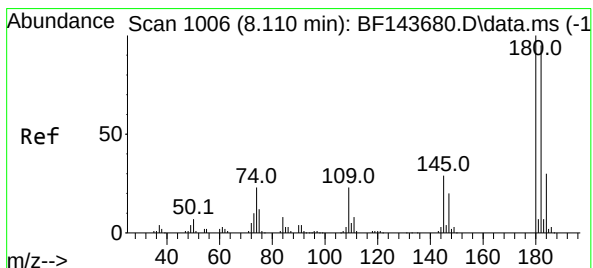
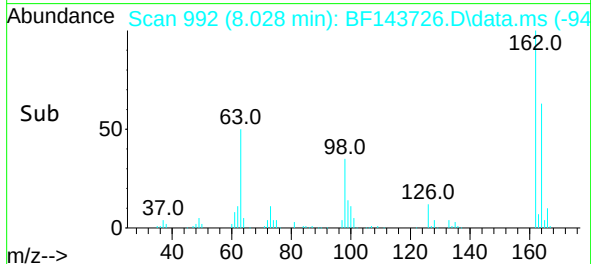
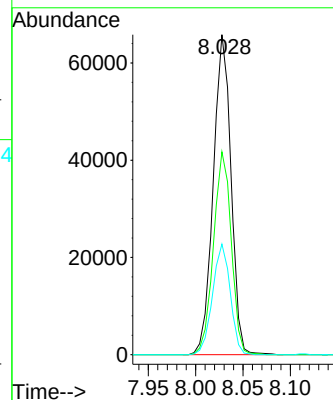
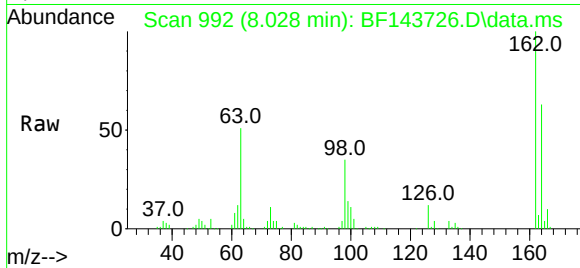
#29
2,4-Dichlorophenol
Concen: 43.873 ng
RT: 8.028 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB169661BS

Tgt Ion:162 Resp: 85940
Ion Ratio Lower Upper
162 100
164 63.4 43.0 83.0
98 34.5 13.8 53.8

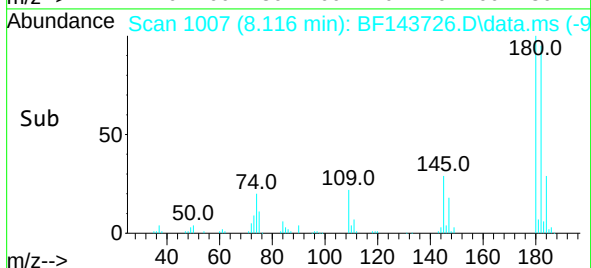
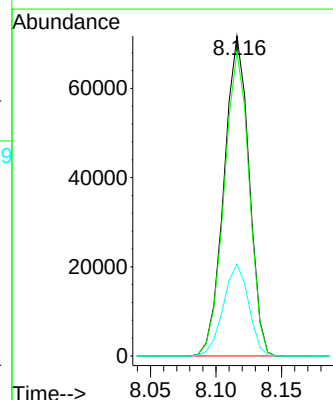
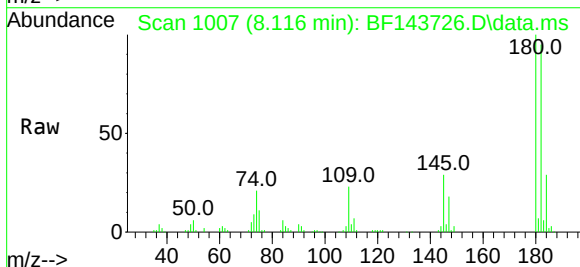
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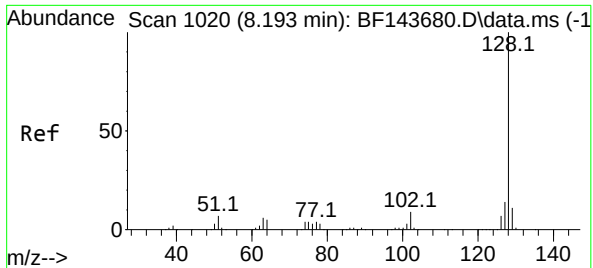
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#30
1,2,4-Trichlorobenzene
Concen: 46.909 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

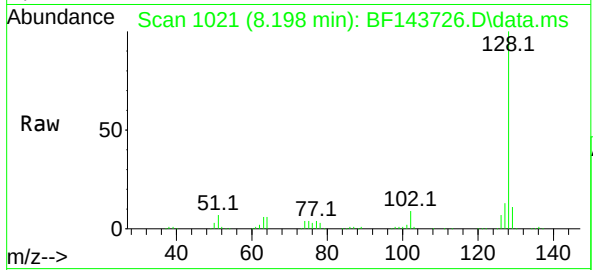
Tgt Ion:180 Resp: 95201
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.4
145 28.7 23.2 34.8





#31
Naphthalene
Concen: 44.274 ng
RT: 8.198 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

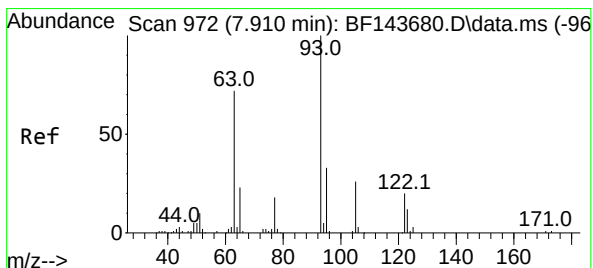
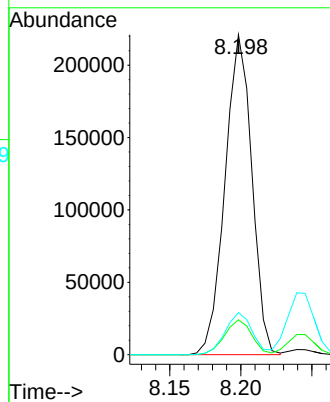
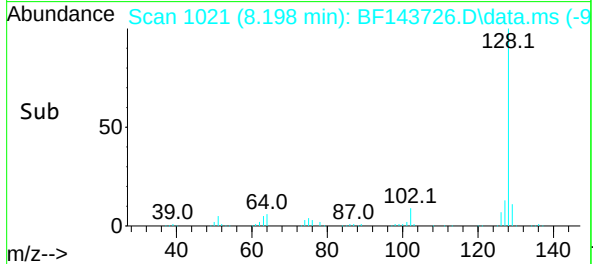
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion:128 Resp: 29008
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.9 16.3

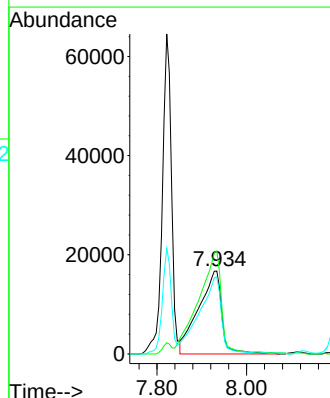
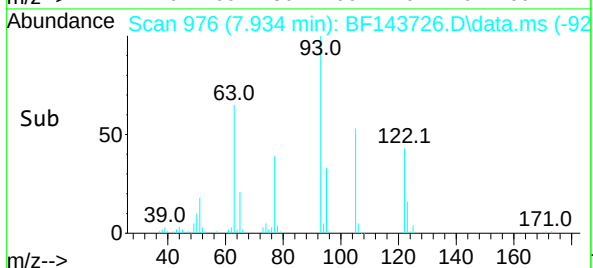
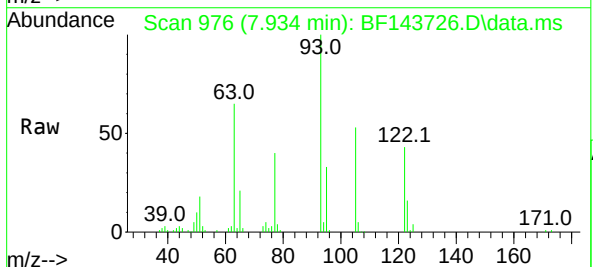
Manual Integrations
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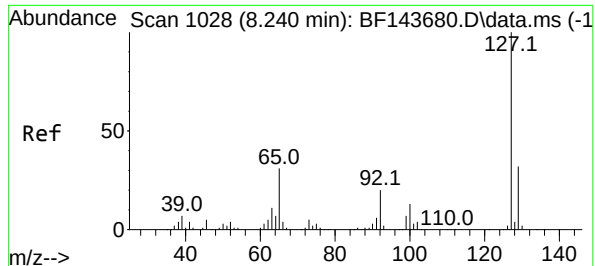
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#32
Benzoic acid
Concen: 50.655 ng
RT: 7.934 min Scan# 976
Delta R.T. 0.023 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:122 Resp: 60184
Ion Ratio Lower Upper
122 100
105 124.3 105.2 145.2
77 93.2 72.0 112.0





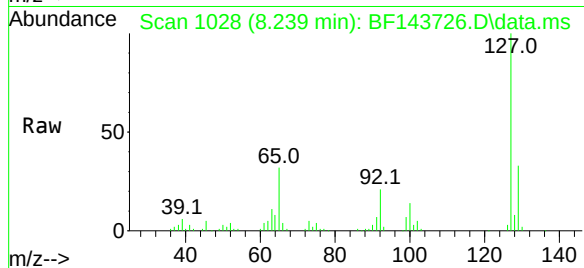
#33
4-Chloroaniline
Concen: 25.522 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

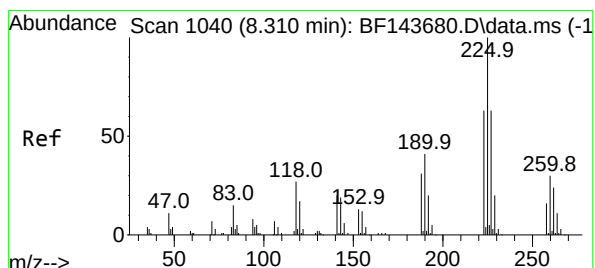
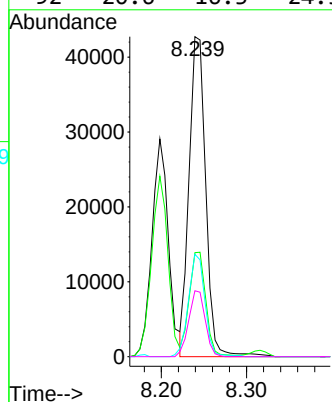
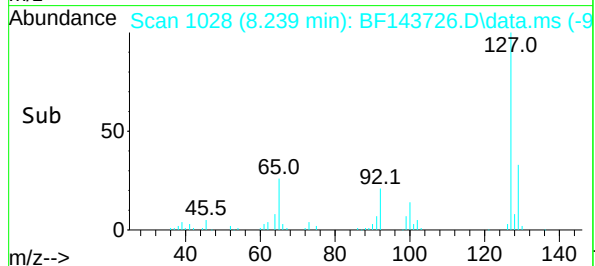


Tgt Ion:127 Resp: 5821
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 32.0 24.6 36.8
92 20.6 16.3 24.5

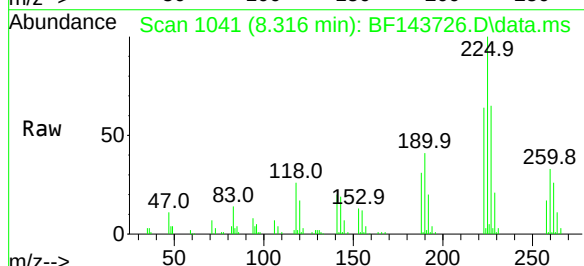
Manual Integrations

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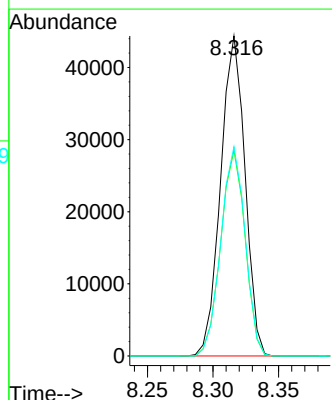
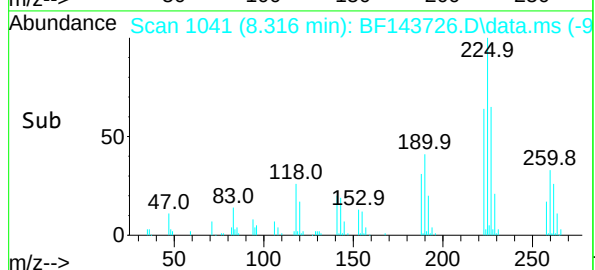
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

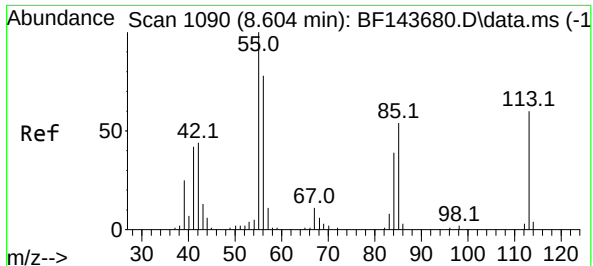


#34
Hexachlorobutadiene
Concen: 43.311 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:225 Resp: 57333
Ion Ratio Lower Upper
225 100
223 64.3 50.6 76.0
227 65.4 50.8 76.2





#35

Caprolactam

Concen: 43.754 ng m

RT: 8.610 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:113 Resp: 2281

Ion Ratio Lower Upper

113 100

55 152.0 148.9 188.9

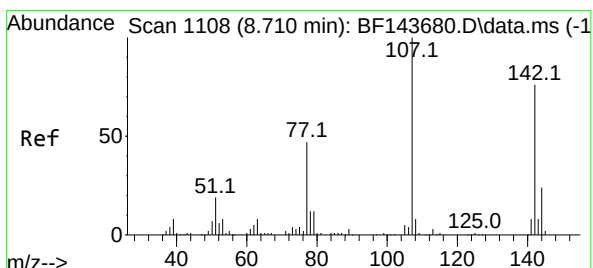
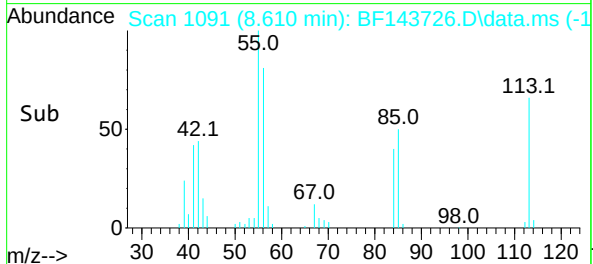
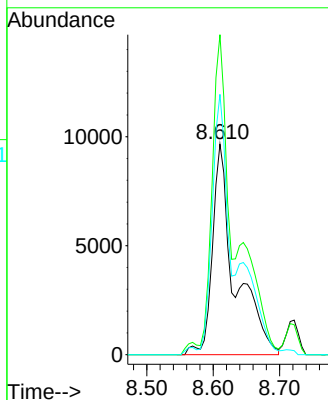
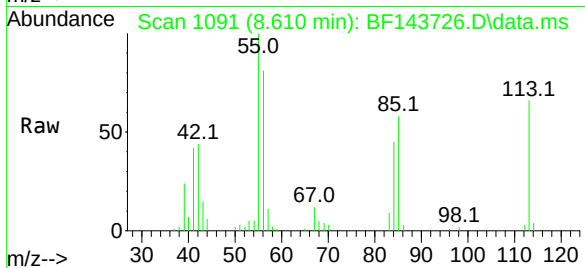
56 123.6 112.8 152.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#36

4-Chloro-3-methylphenol

Concen: 42.841 ng

RT: 8.722 min Scan# 1110

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

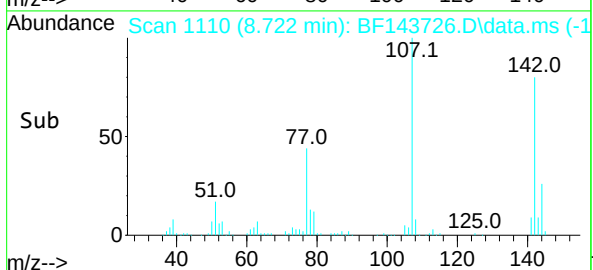
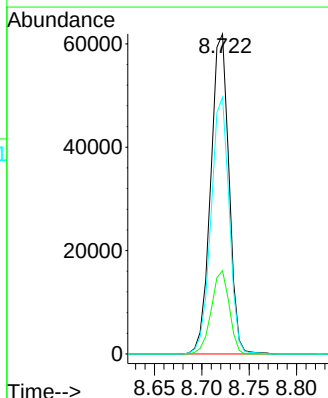
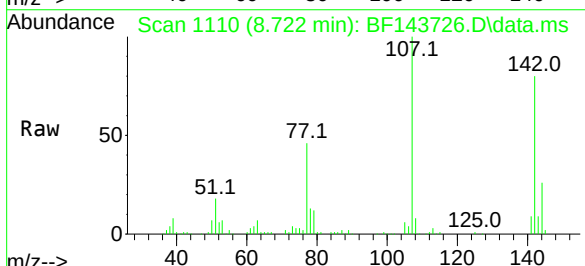
Tgt Ion:107 Resp: 82750

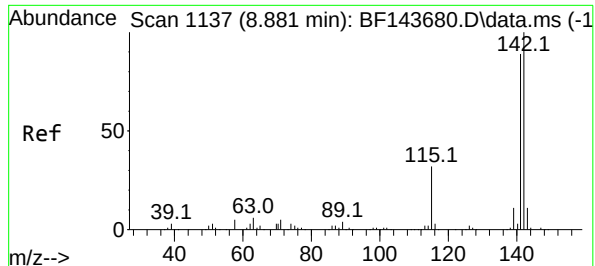
Ion Ratio Lower Upper

107 100

144 26.0 19.4 29.2

142 80.3 60.6 91.0





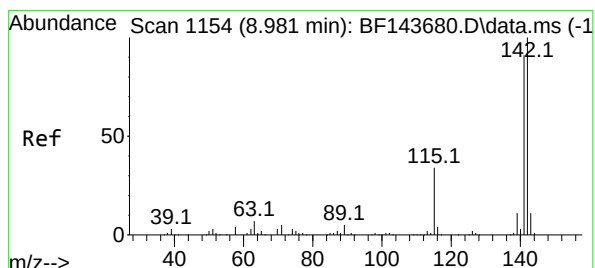
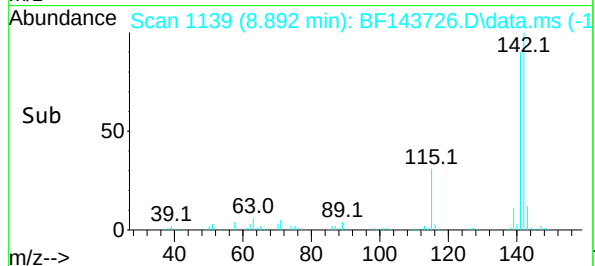
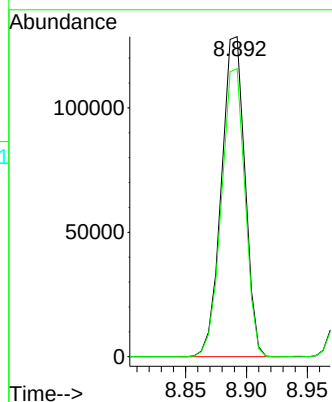
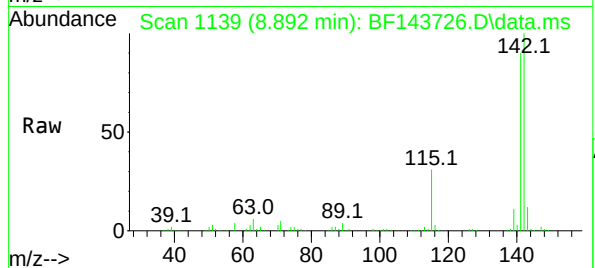
#37
2-Methylnaphthalene
Concen: 38.599 ng
RT: 8.892 min Scan# 1138
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB169661BS

Tgt Ion:142 Resp: 173118
Ion Ratio Lower Upper
142 100
141 90.0 71.1 106.7

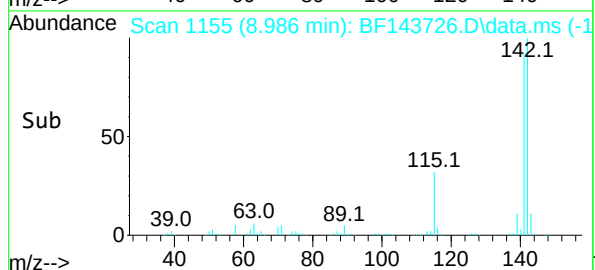
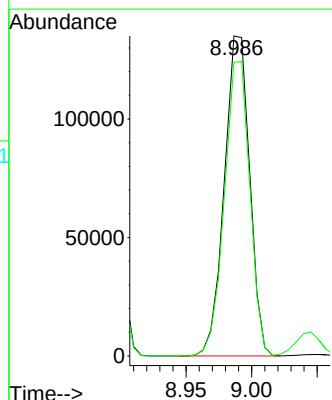
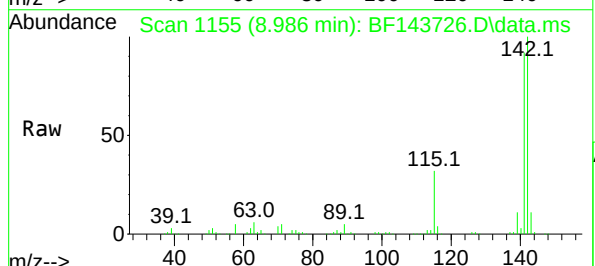
Manual Integrations
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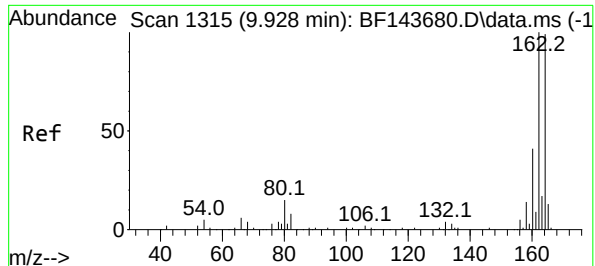
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#38
1-Methylnaphthalene
Concen: 42.221 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:142 Resp: 181729
Ion Ratio Lower Upper
142 100
141 91.7 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF143726.D

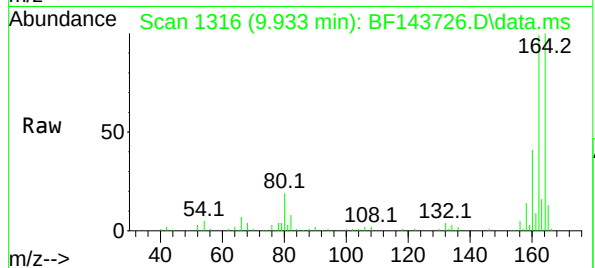
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:164 Resp: 72610

Ion Ratio Lower Upper

164 100

162 98.9 80.6 121.0

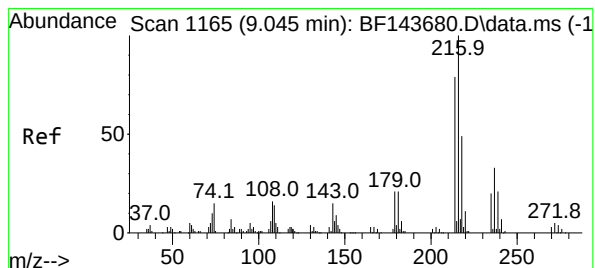
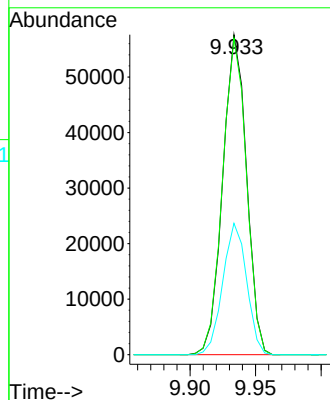
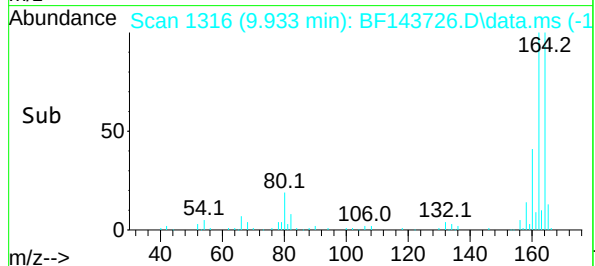
160 41.1 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#40

1,2,4,5-Tetrachlorobenzene

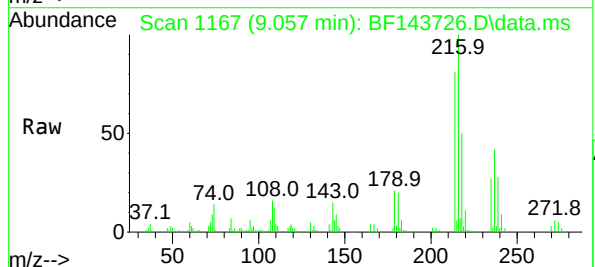
Concen: 44.848 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42



Tgt Ion:216 Resp: 93226

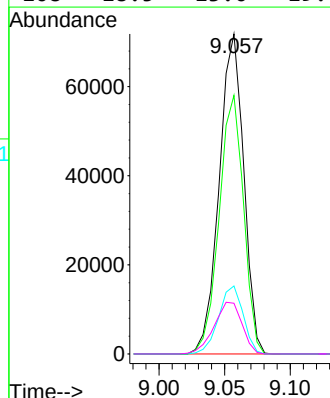
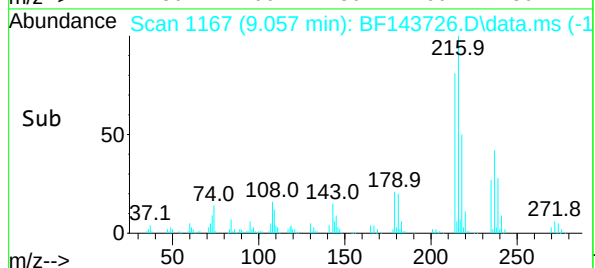
Ion Ratio Lower Upper

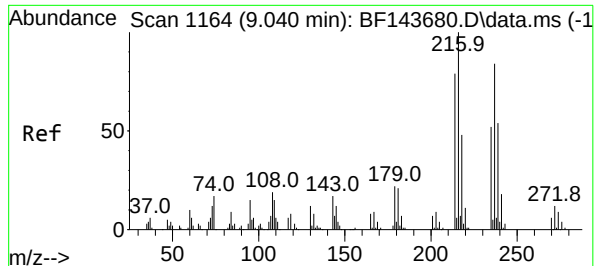
216 100

214 80.3 63.2 94.8

179 21.3 16.8 25.2

108 18.5 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 122.848 ng

RT: 9.045 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:237 Resp: 13110

Ion Ratio Lower Upper

237 100

235 62.9 41.6 81.6

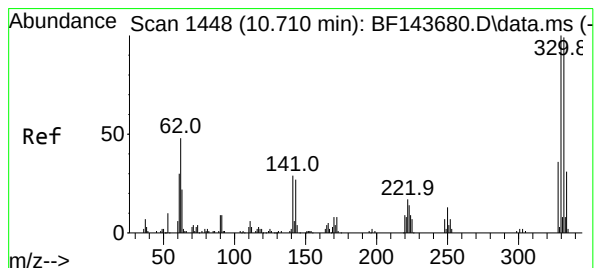
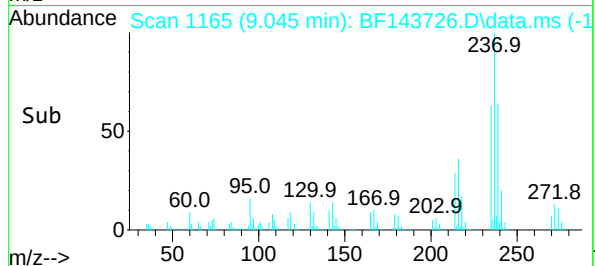
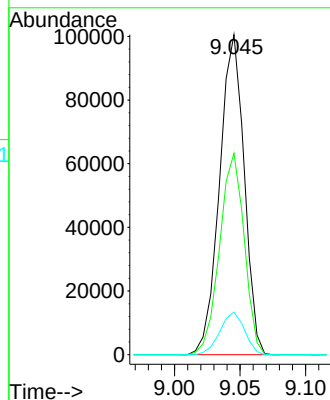
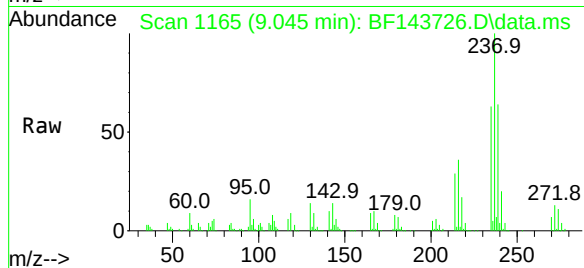
272 13.3 0.0 33.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#42

2,4,6-Tribromophenol

Concen: 125.796 ng

RT: 10.722 min Scan# 1450

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

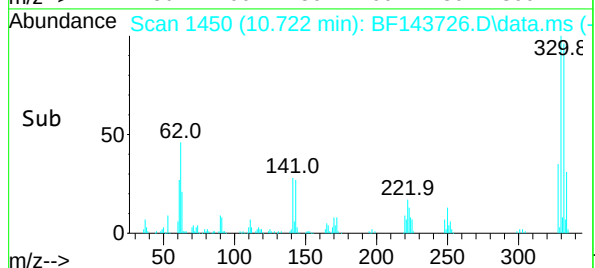
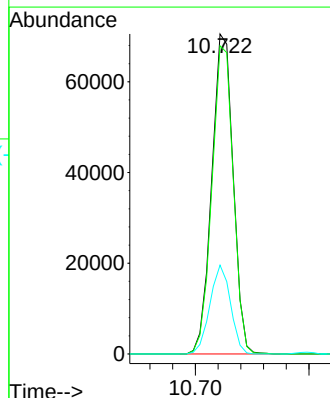
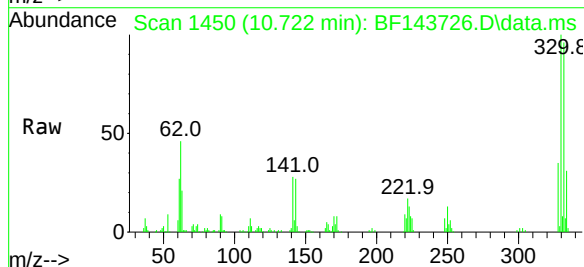
Tgt Ion:330 Resp: 92051

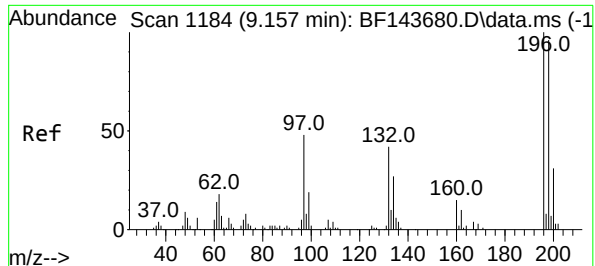
Ion Ratio Lower Upper

330 100

332 96.2 79.2 118.8

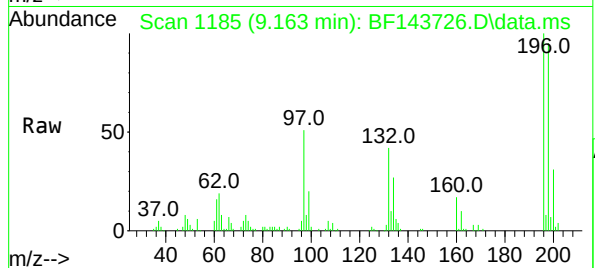
141 26.8 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 45.041 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

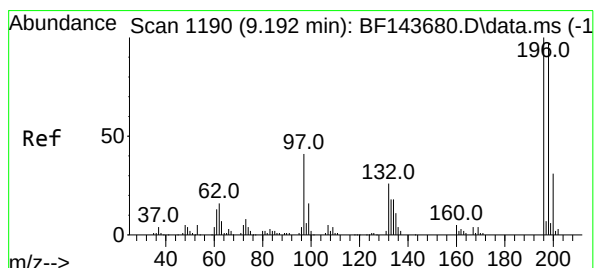
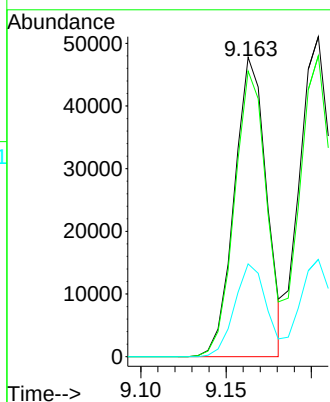
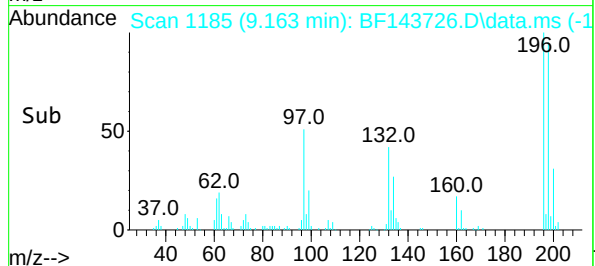
Instrument :
BNA_F
ClientSampleId :
PB169661BS



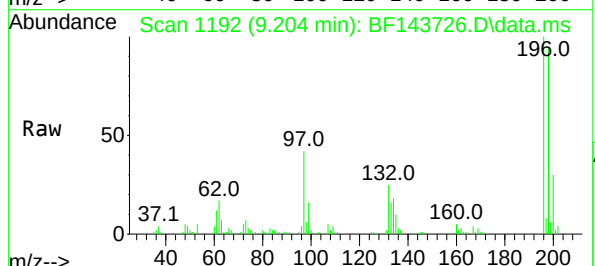
Tgt Ion:196 Resp: 62519
Ion Ratio Lower Upper
196 100
198 95.4 76.5 114.7
200 31.0 24.5 36.7

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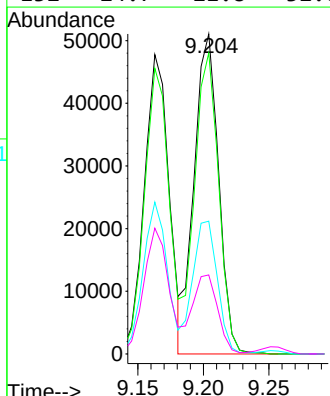
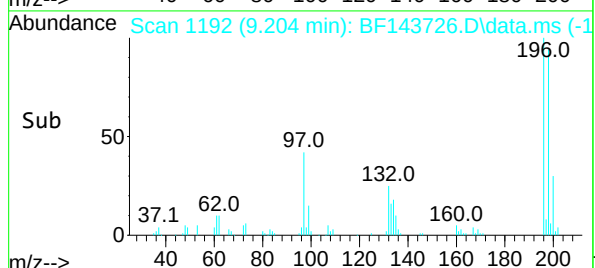
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

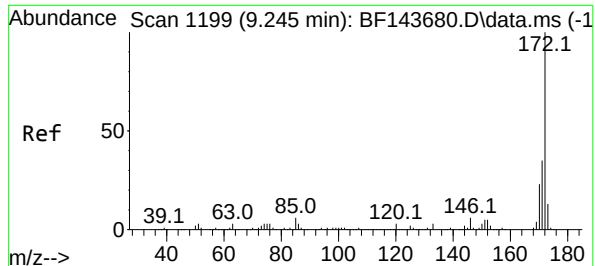


#44
2,4,5-Trichlorophenol
Concen: 46.946 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:196 Resp: 66246
Ion Ratio Lower Upper
196 100
198 94.1 77.0 115.6
97 41.5 34.2 51.4
132 24.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 85.442 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:172 Resp: 410692

Ion Ratio Lower Upper

172 100

171 35.7 27.9 41.9

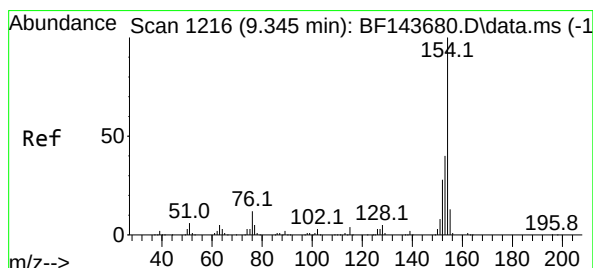
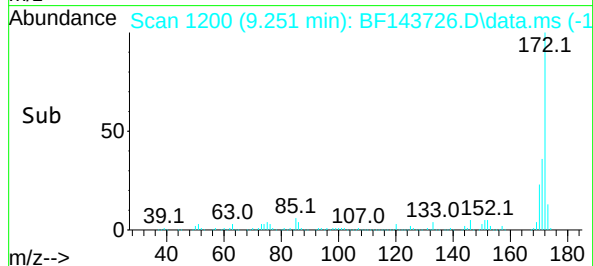
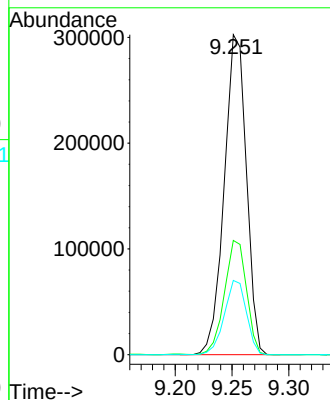
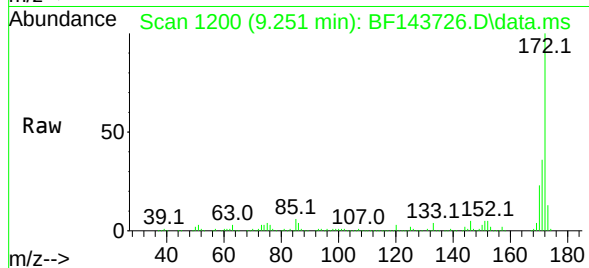
170 23.2 18.6 27.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#46

1,1'-Biphenyl

Concen: 46.293 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

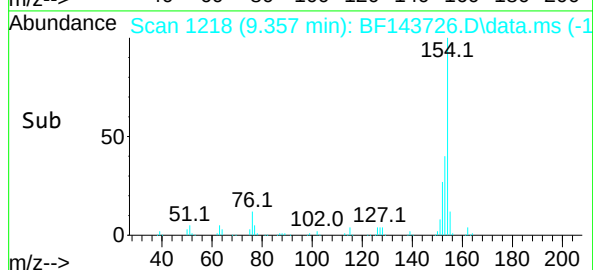
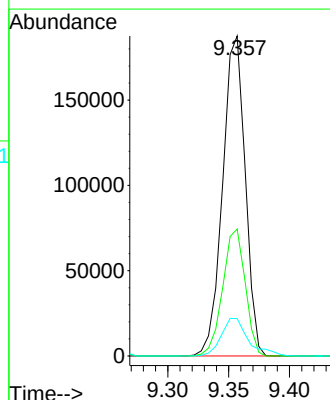
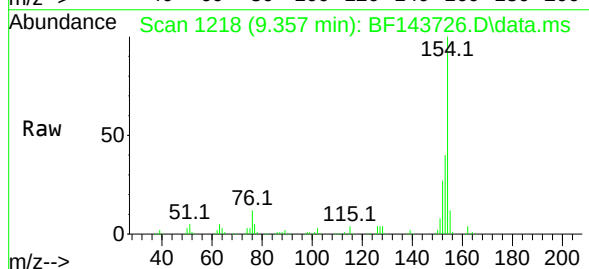
Tgt Ion:154 Resp: 241988

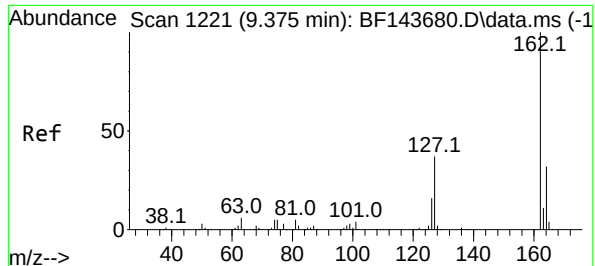
Ion Ratio Lower Upper

154 100

153 39.7 20.2 60.2

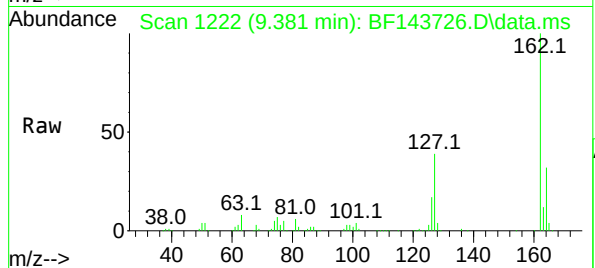
76 11.6 0.0 31.6





#47
2-Chloronaphthalene
Concen: 44.449 ng
RT: 9.381 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

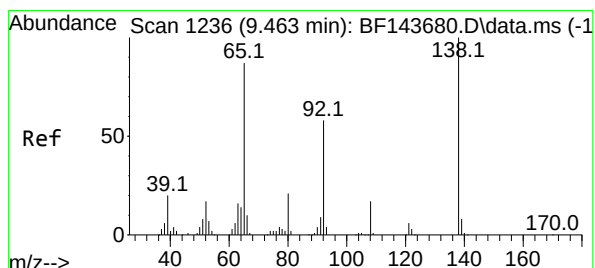
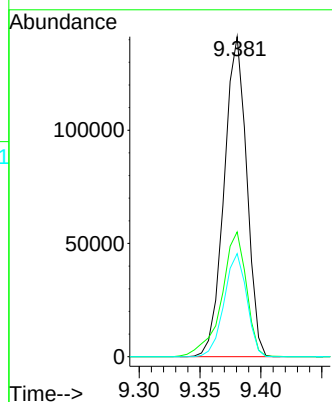
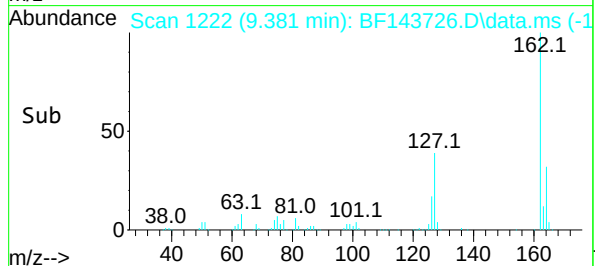
Instrument :
BNA_F
ClientSampleId :
PB169661BS



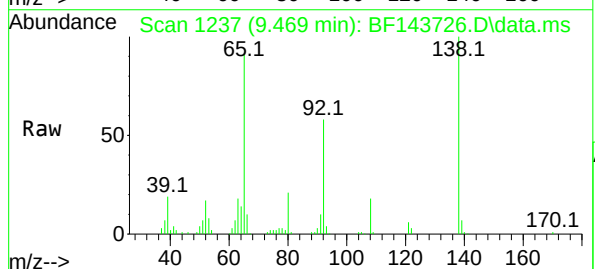
Tgt Ion:162 Resp: 18215
Ion Ratio Lower Upper
162 100
127 39.0 30.6 45.8
164 32.2 25.8 38.8

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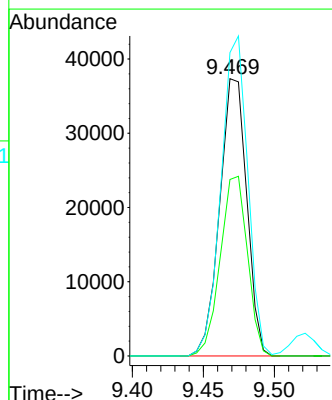
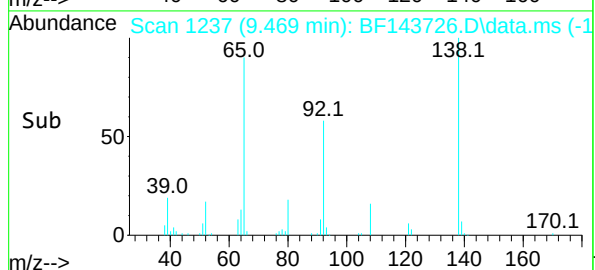
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

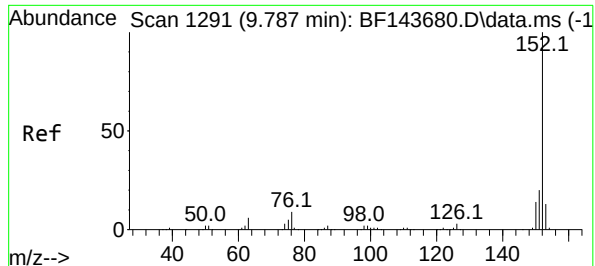


#48
2-Nitroaniline
Concen: 45.694 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion: 65 Resp: 49555
Ion Ratio Lower Upper
65 100
92 63.7 53.3 79.9
138 109.4 92.1 138.1





#49

Acenaphthylene

Concen: 49.803 ng

RT: 9.798 min Scan# 1293

Delta R.T. 0.012 min

Lab File: BF143726.D

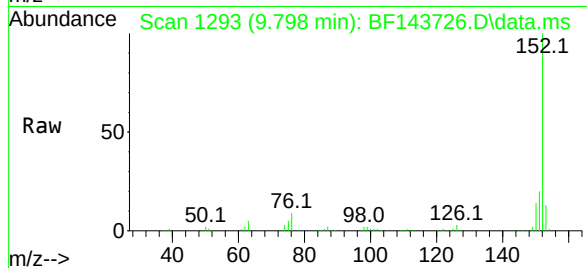
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:152 Resp: 292352

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

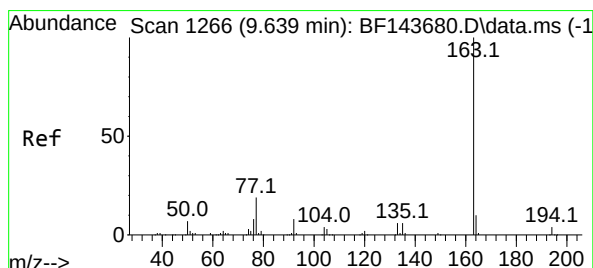
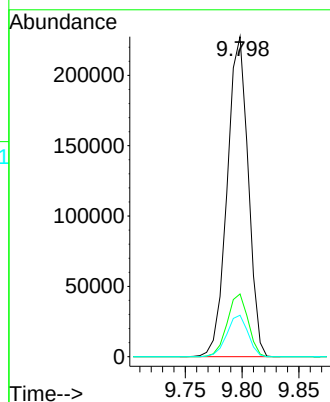
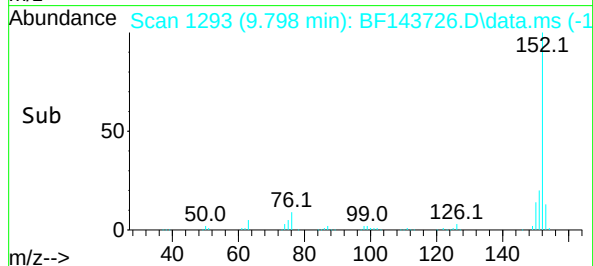
153 12.9 10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#50

Dimethylphthalate

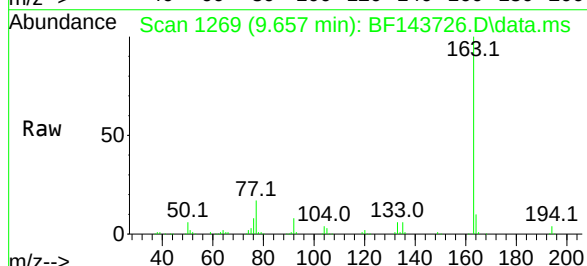
Concen: 44.046 ng

RT: 9.657 min Scan# 1269

Delta R.T. 0.018 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42



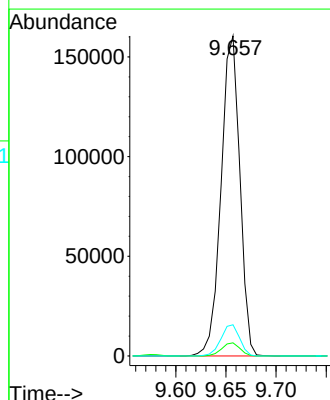
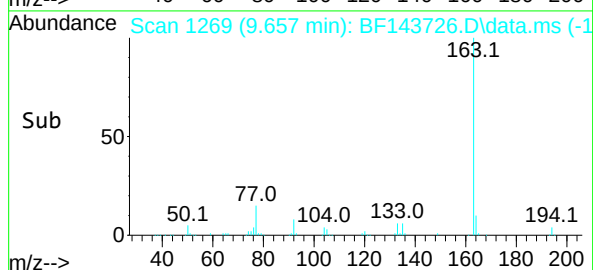
Tgt Ion:163 Resp: 208083

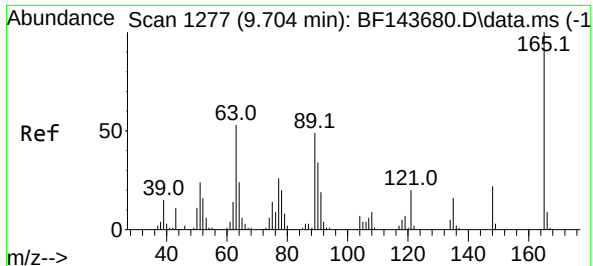
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 9.8 8.0 12.0





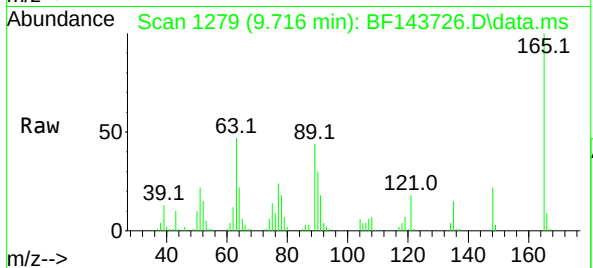
#51
2,6-Dinitrotoluene
Concen: 49.587 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

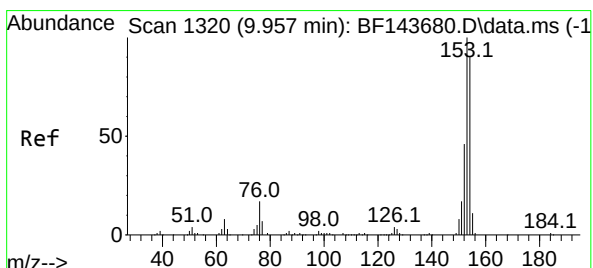
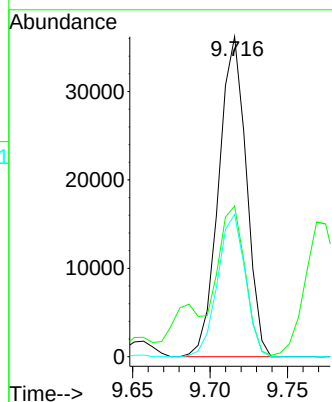
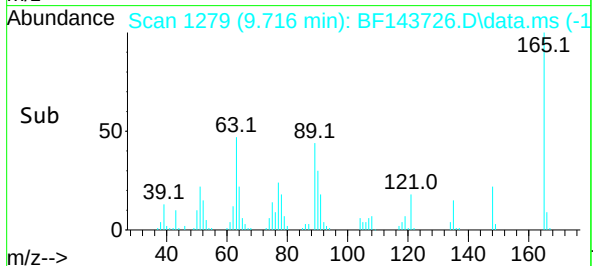


Tgt Ion:165 Resp: 44790
Ion Ratio Lower Upper
165 100
63 47.0 42.2 63.4
89 44.5 39.3 58.9

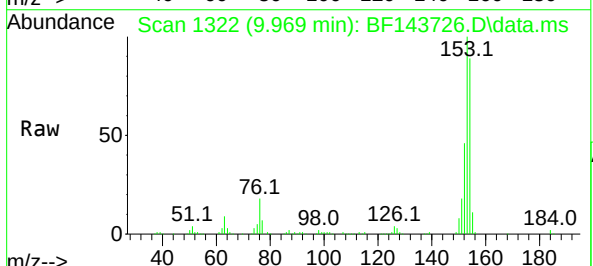
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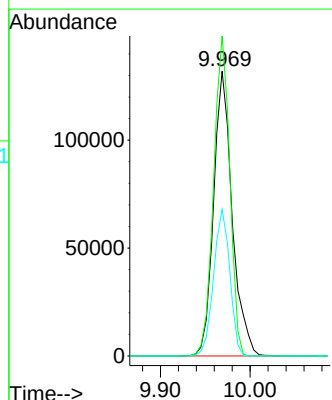
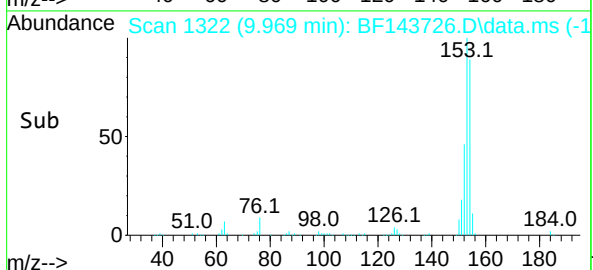
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

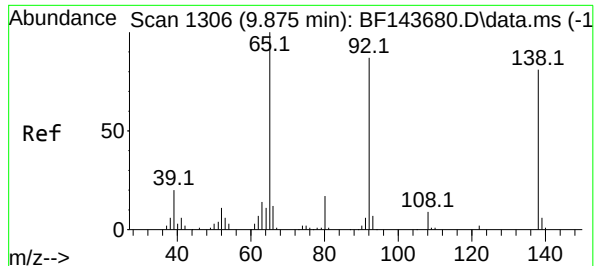


#52
Acenaphthene
Concen: 46.974 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:154 Resp: 190014
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.0
152 51.4 41.2 61.8





#53

3-Nitroaniline

Concen: 32.195 ng

RT: 9.880 min Scan# 1307

Delta R.T. 0.006 min

Lab File: BF143726.D

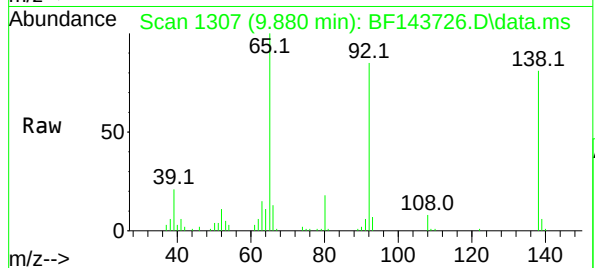
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:138 Resp: 3129

Ion Ratio Lower Upper

138 100

108 10.4 8.6 12.8

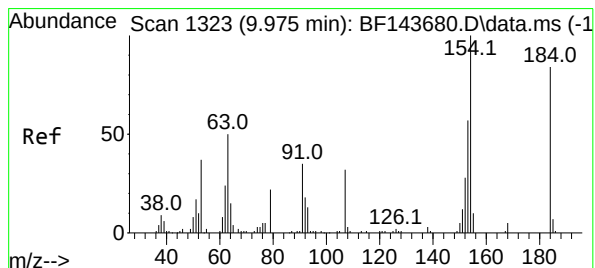
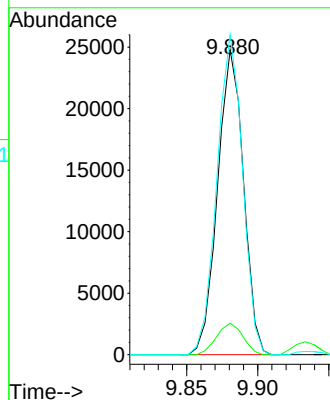
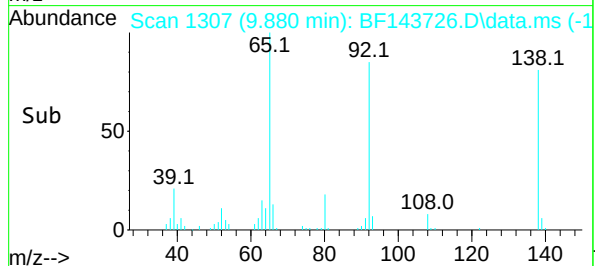
92 104.9 85.5 128.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#54

2,4-Dinitrophenol

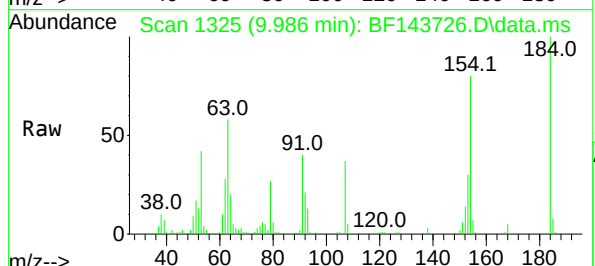
Concen: 99.240 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42



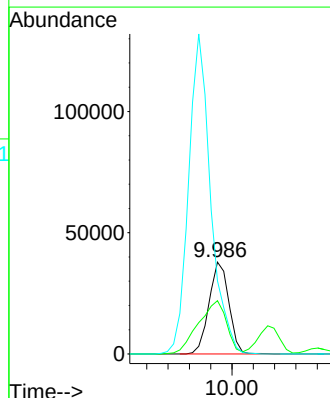
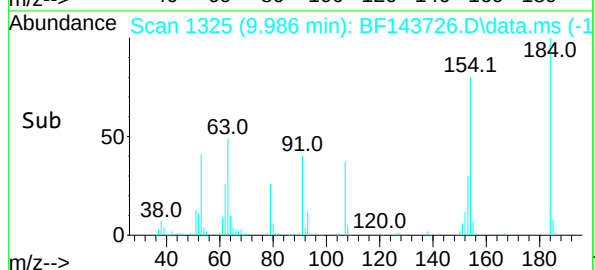
Tgt Ion:184 Resp: 48927

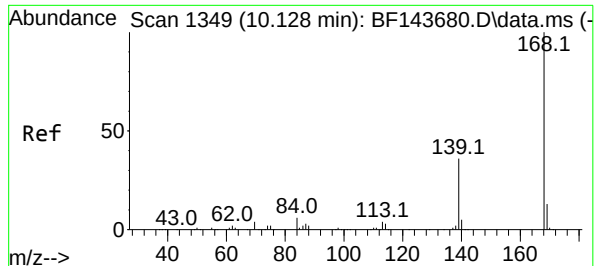
Ion Ratio Lower Upper

184 100

63 57.9 52.7 79.1

154 79.6 136.6 204.8#





#55

Dibenzofuran

Concen: 44.156 ng

RT: 10.139 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:168 Resp: 25683

Ion Ratio Lower Upper

168 100

139 35.1 29.0 43.4

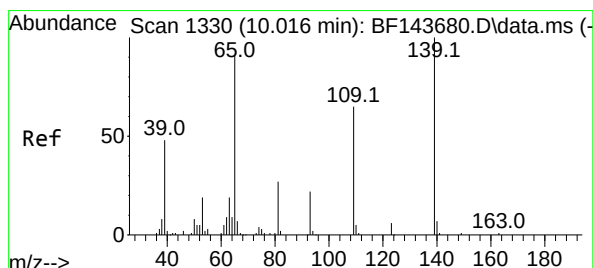
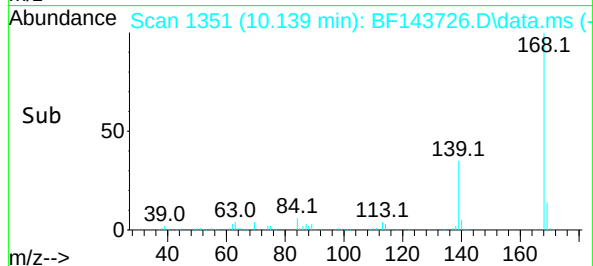
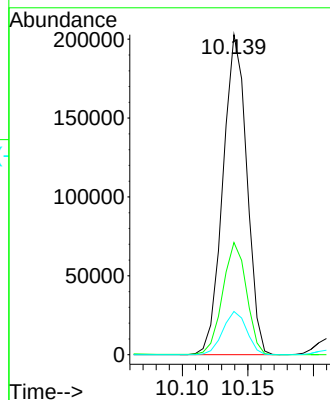
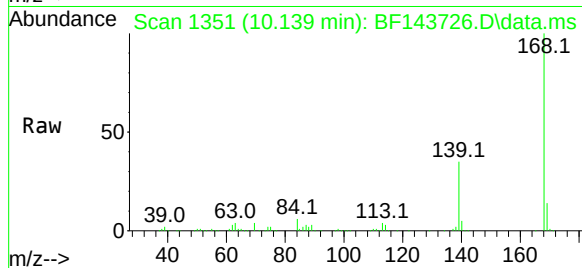
169 13.5 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#56

4-Nitrophenol

Concen: 87.423 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.018 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

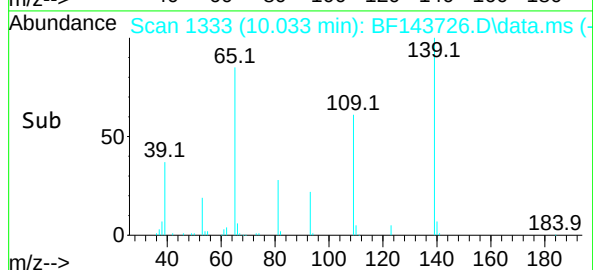
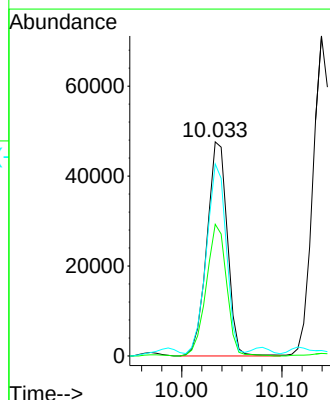
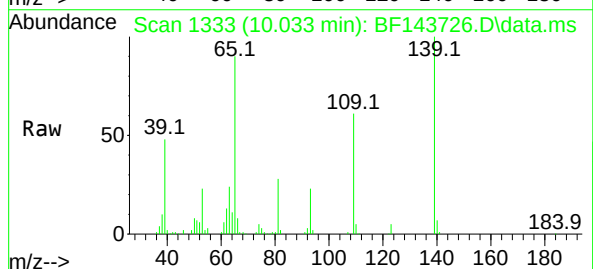
Tgt Ion:139 Resp: 67608

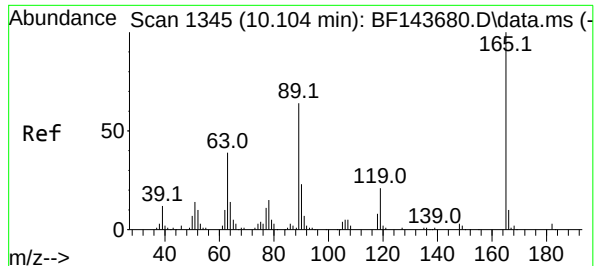
Ion Ratio Lower Upper

139 100

109 61.5 45.2 85.2

65 89.7 72.1 112.1





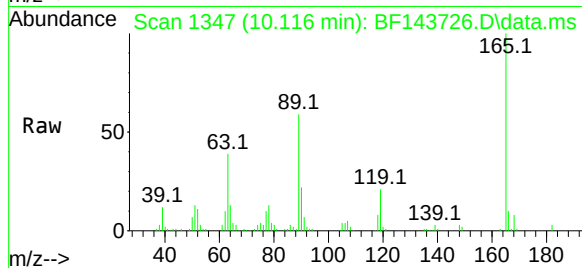
#57
2,4-Dinitrotoluene
Concen: 47.999 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

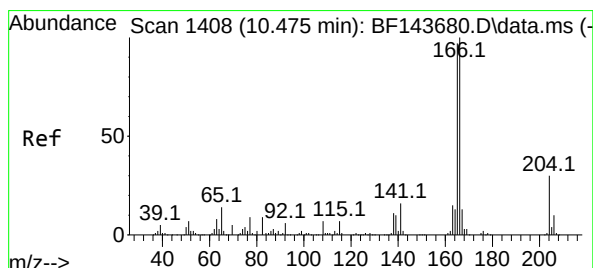
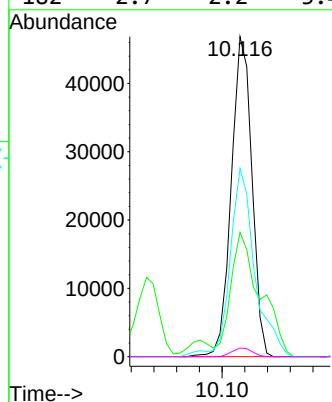
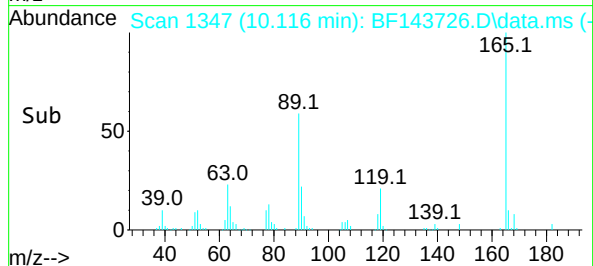


Tgt Ion:165 Resp: 5900
Ion Ratio Lower Upper
165 100
63 38.8 31.5 47.3
89 58.8 51.3 76.9
182 2.7 2.2 3.4

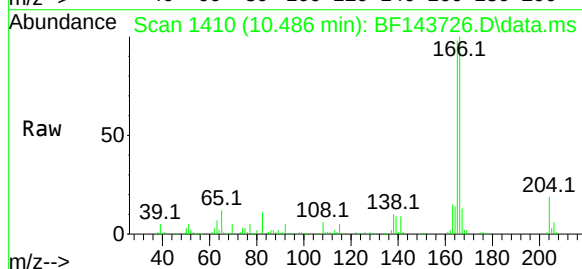
Manual Integrations

APPROVED

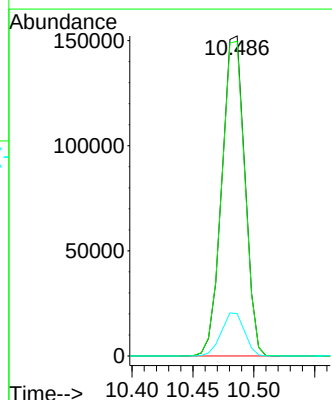
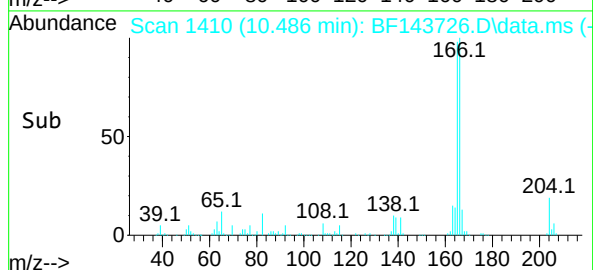
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

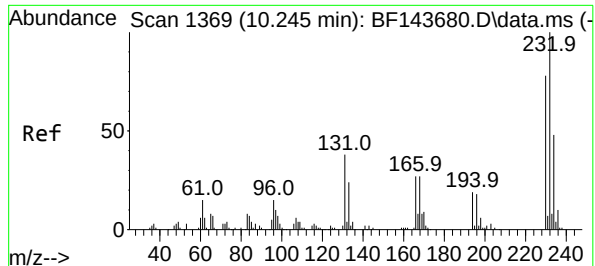


#58
Fluorene
Concen: 43.820 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



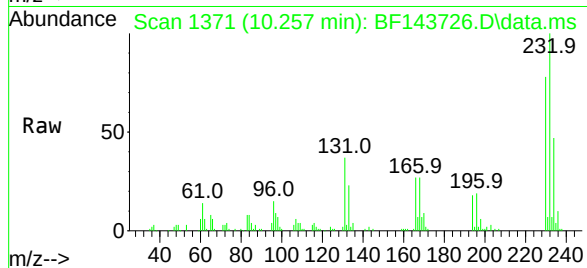
Tgt Ion:166 Resp: 199520
Ion Ratio Lower Upper
166 100
165 98.4 77.5 116.3
167 13.2 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.743 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

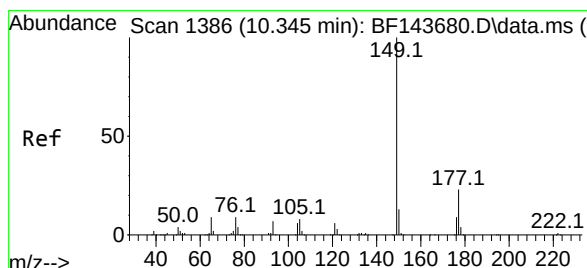
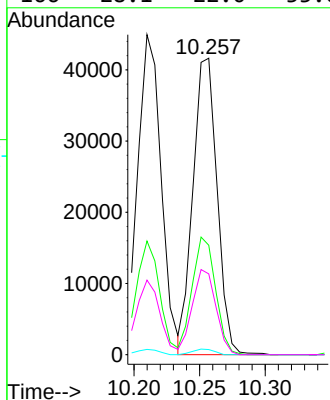
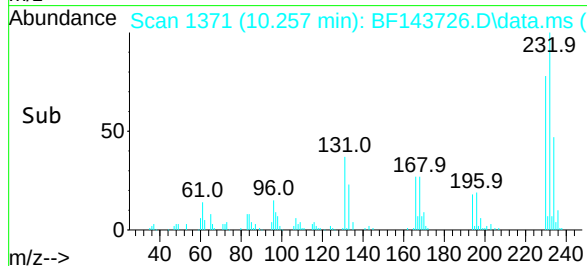
Instrument :
BNA_F
ClientSampleId :
PB169661BS



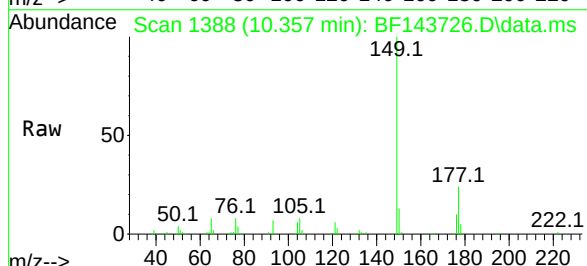
Tgt Ion:232 Resp: 5348
Ion Ratio Lower Upper
232 100
131 38.4 31.9 47.9
130 1.7 1.4 2.0
166 28.1 22.0 33.0

Manual Integrations
APPROVED

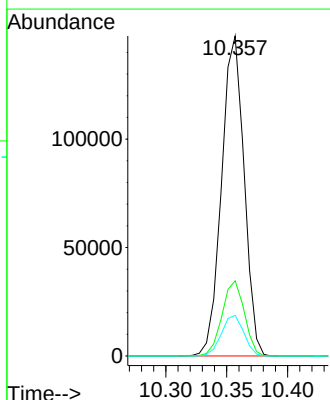
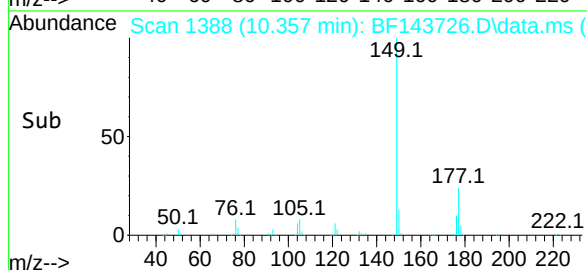
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

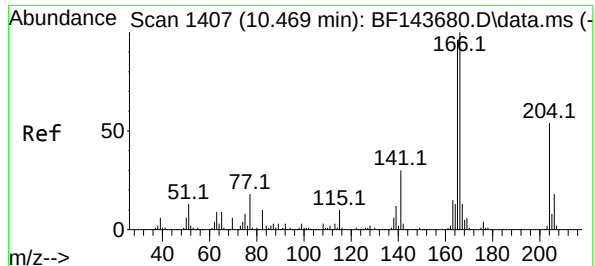


#60
Diethylphthalate
Concen: 42.807 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



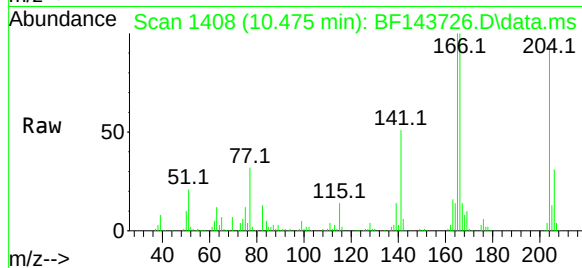
Tgt Ion:149 Resp: 189860
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.376 ng
RT: 10.475 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

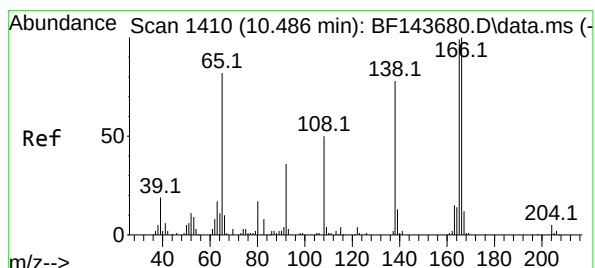
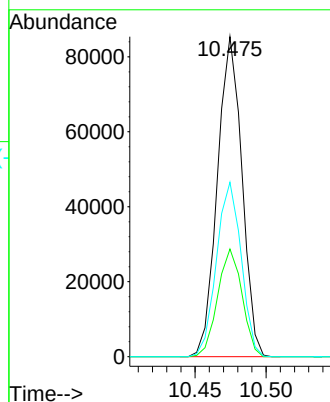
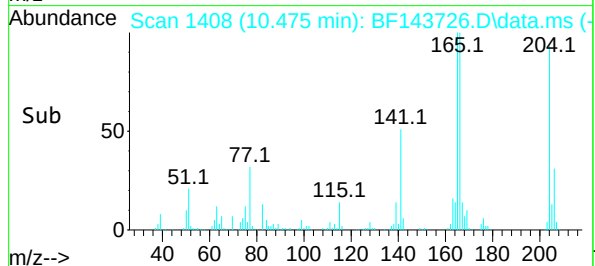
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion:204 Resp: 10247
Ion Ratio Lower Upper
204 100
206 33.7 26.0 39.0
141 54.5 44.8 67.2

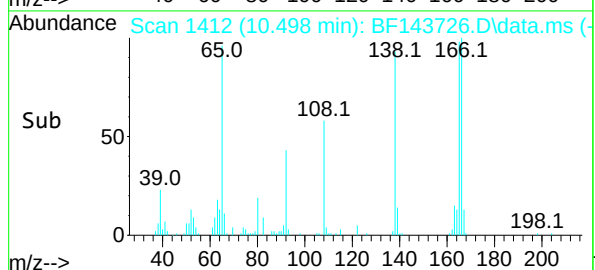
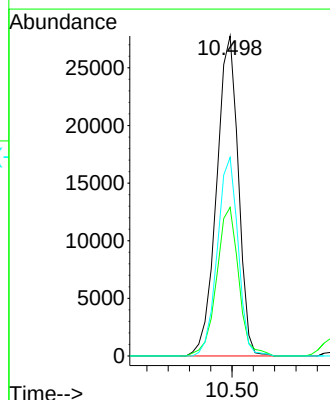
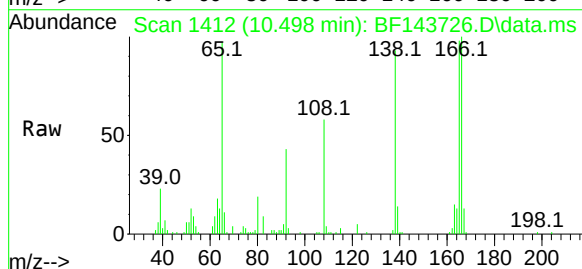
Manual Integrations
APPROVED

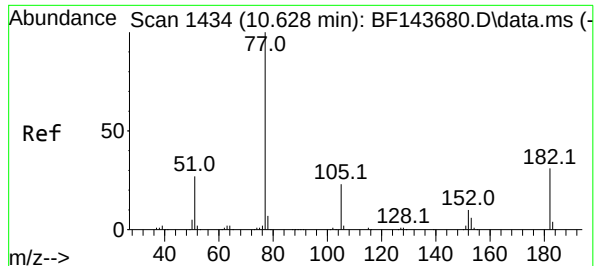
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#62
4-Nitroaniline
Concen: 42.649 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:138 Resp: 39265
Ion Ratio Lower Upper
138 100
92 46.4 26.4 66.4
108 62.0 44.3 84.3





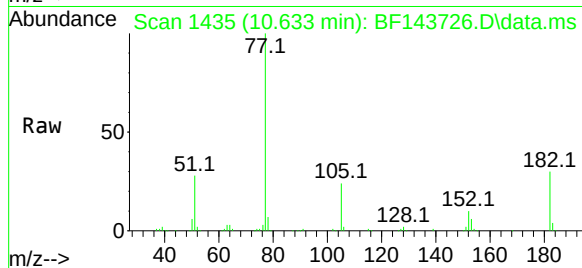
#63
Azobenzene
Concen: 43.471 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

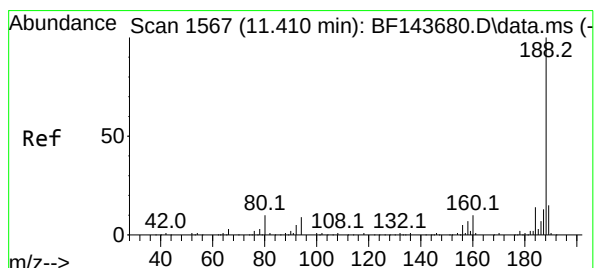
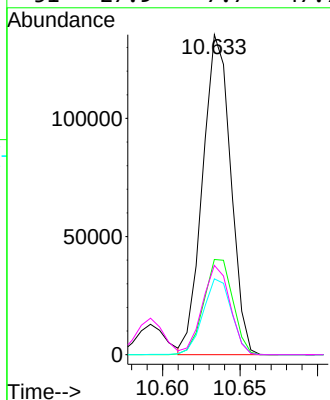
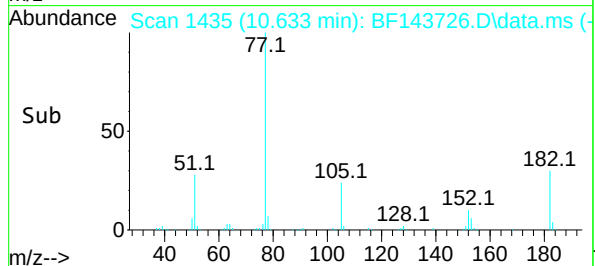


Tgt Ion: 77 Resp: 170449
Ion Ratio Lower Upper
77 100
182 29.7 10.8 50.8
105 23.7 3.2 43.2
51 27.9 7.7 47.7

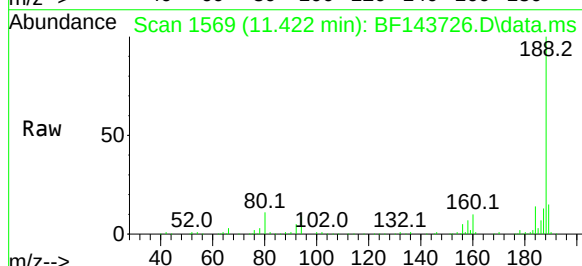
Manual Integrations

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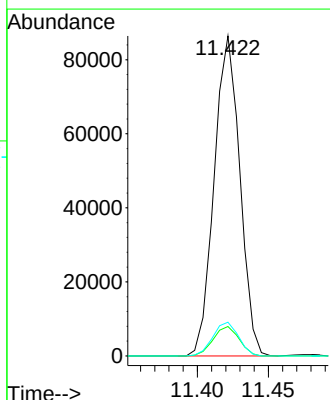
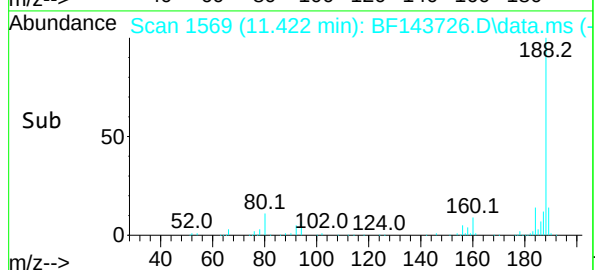
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

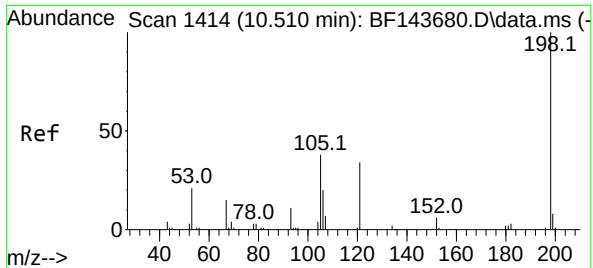


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:188 Resp: 108626
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.6 7.7 11.5





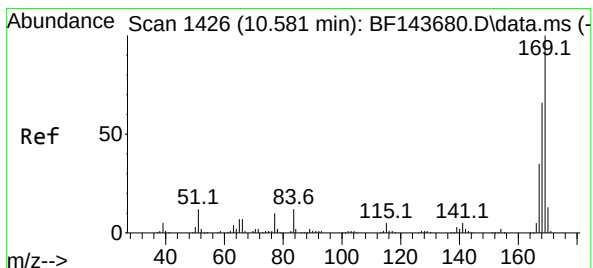
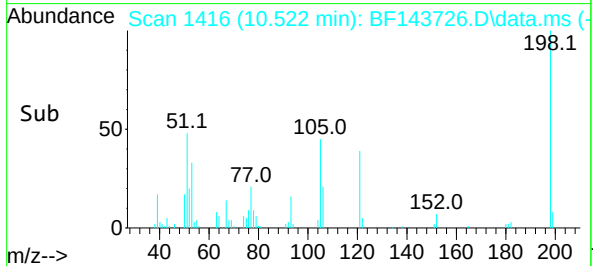
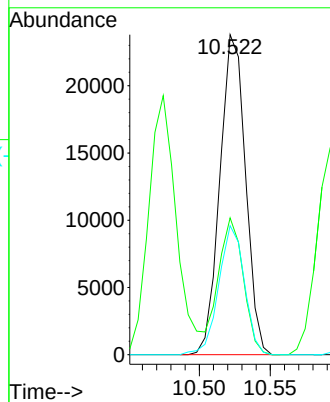
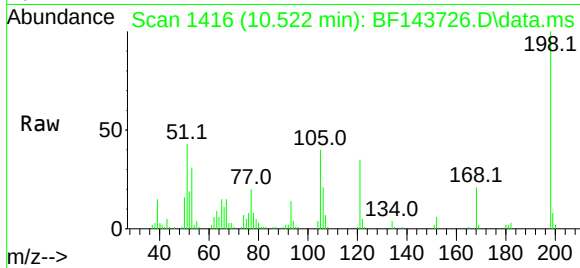
#65
4,6-Dinitro-2-methylphenol
Concen: 53.913 ng
RT: 10.522 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :
BNA_F
ClientSampleId :
PB169661BS

Tgt Ion:198 Resp: 2981
Ion Ratio Lower Upper
198 100
51 42.8 21.2 61.2
105 40.3 19.0 59.0

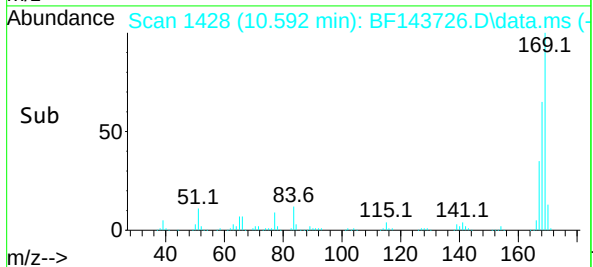
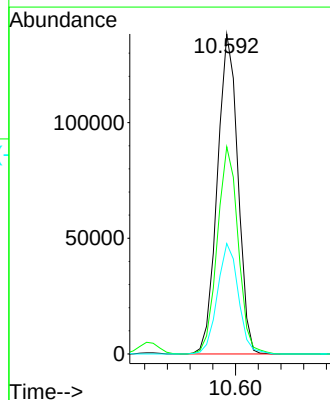
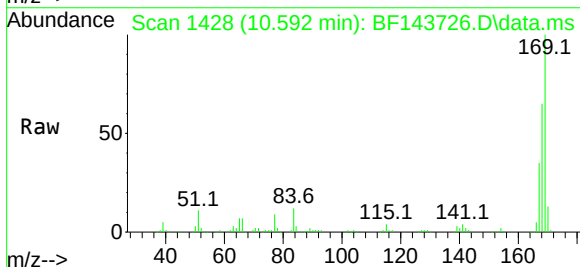
Manual Integrations
APPROVED

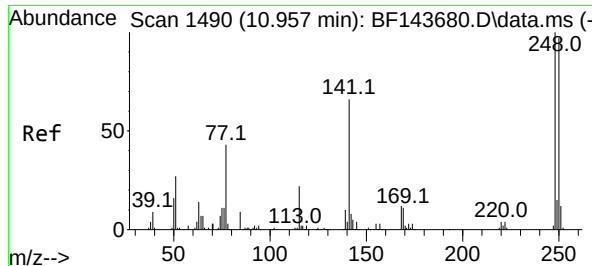
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#66
n-Nitrosodiphenylamine
Concen: 48.810 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:169 Resp: 173695
Ion Ratio Lower Upper
169 100
168 64.7 53.0 79.6
167 34.5 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 46.130 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

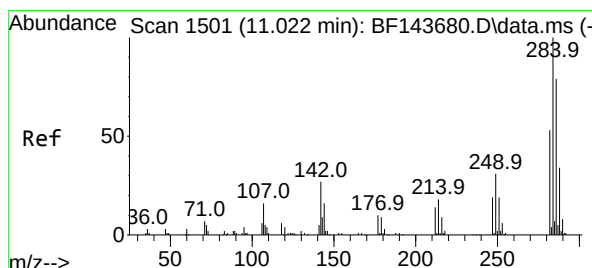
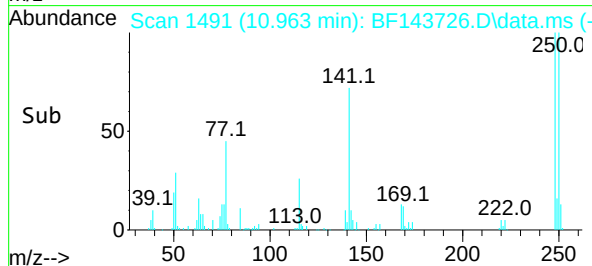
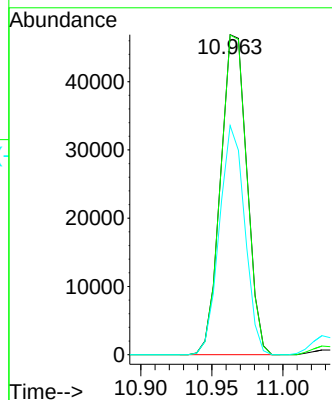
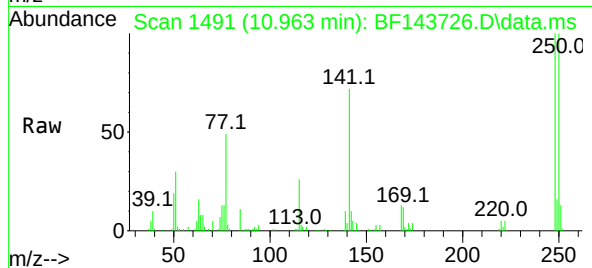
PB169661BS

Tgt Ion:248 Resp: 6042
Ion Ratio Lower Upper
248 100
250 99.9 77.5 116.3
141 71.6 52.6 79.0

Manual Integrations

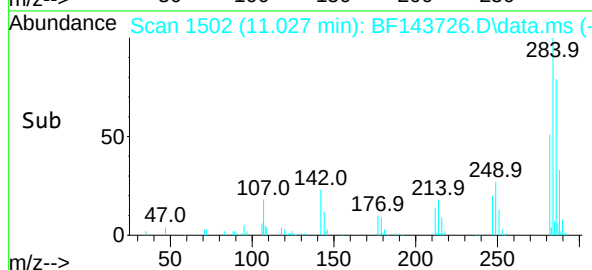
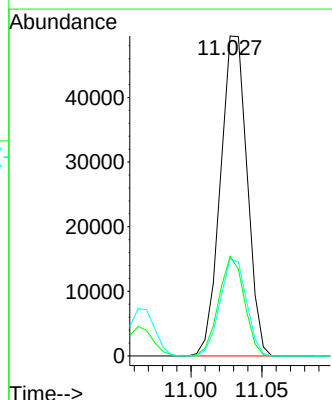
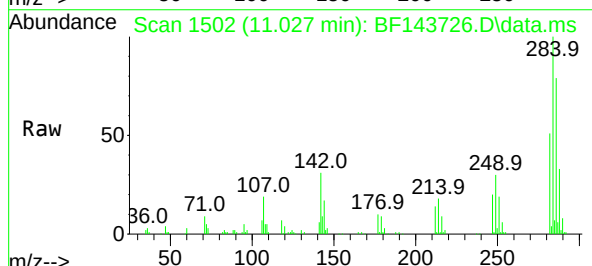
APPROVED

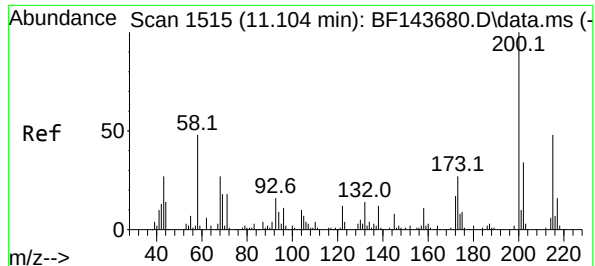
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#68
Hexachlorobenzene
Concen: 46.830 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:284 Resp: 64773
Ion Ratio Lower Upper
284 100
142 31.1 21.3 31.9
249 30.3 25.0 37.4





#69

Atrazine

Concen: 46.127 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS

Tgt Ion:200 Resp: 5146

Ion Ratio Lower Upper

200 100

173 26.5 7.3 47.3

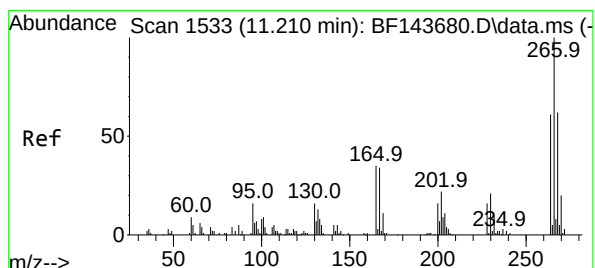
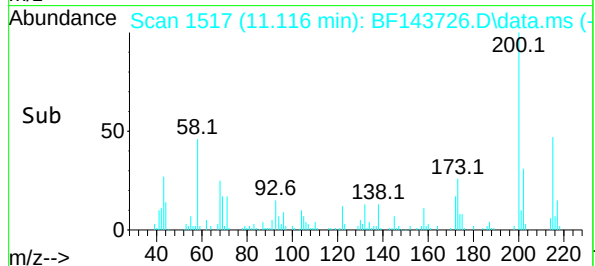
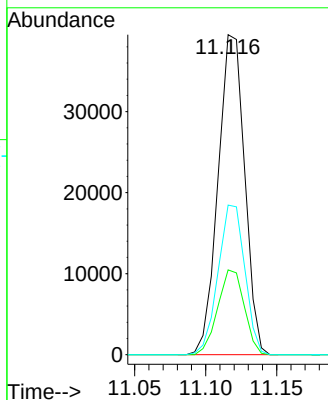
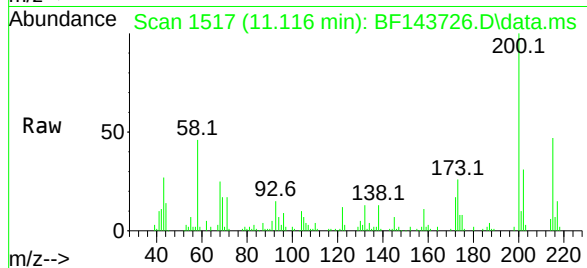
215 46.8 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#70

Pentachlorophenol

Concen: 95.206 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

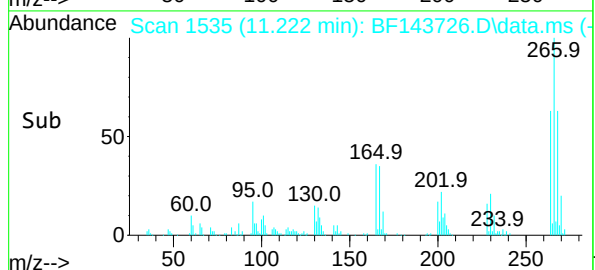
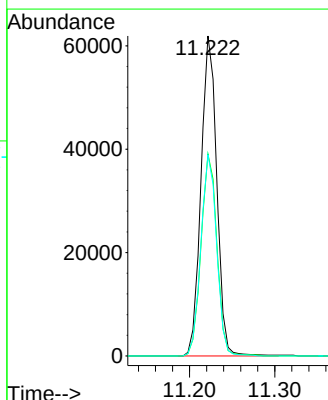
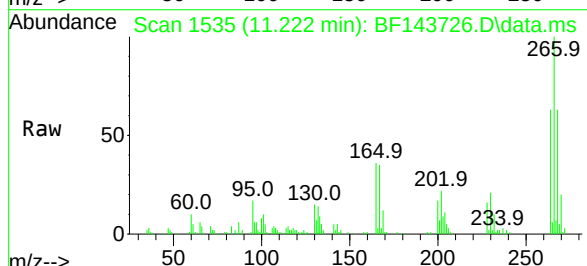
Tgt Ion:266 Resp: 79604

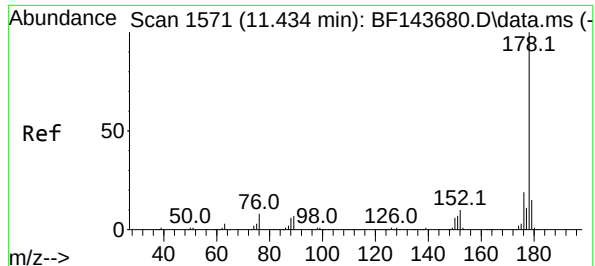
Ion Ratio Lower Upper

266 100

268 63.1 49.2 73.8

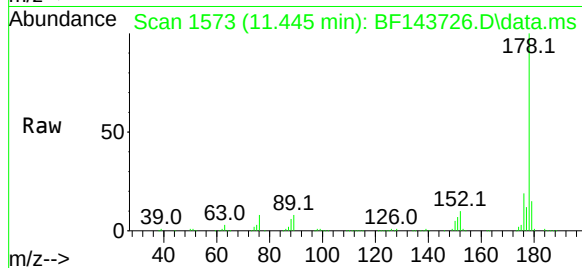
264 62.8 48.6 73.0





#71
Phenanthrene
Concen: 45.525 ng
RT: 11.445 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

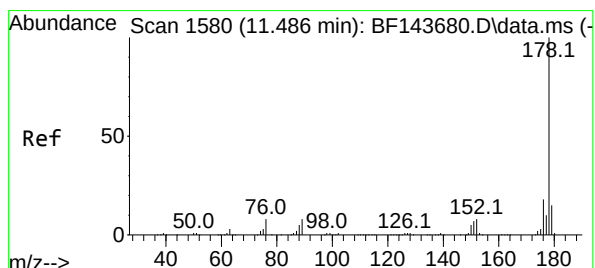
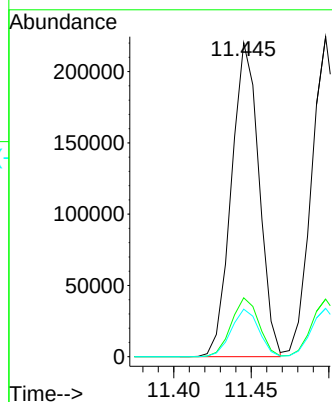
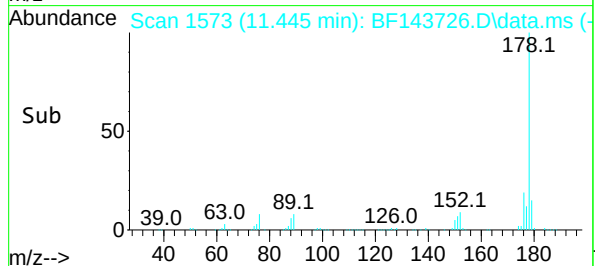
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion:178 Resp: 27247
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.1 12.2 18.2

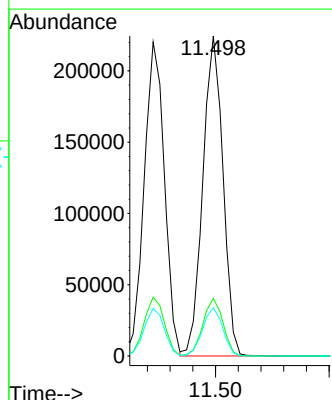
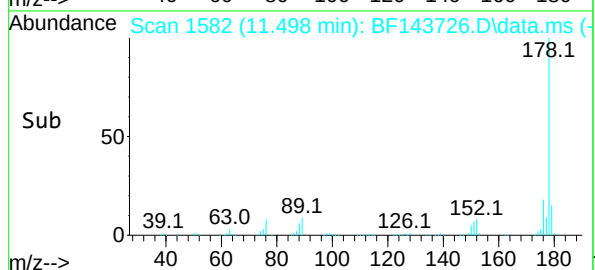
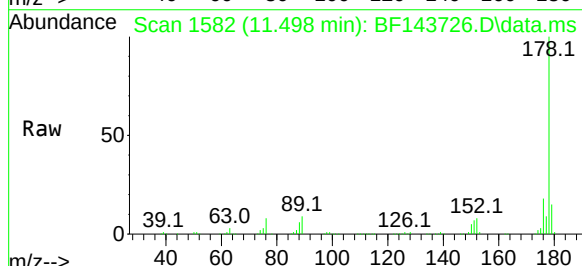
Manual Integrations
APPROVED

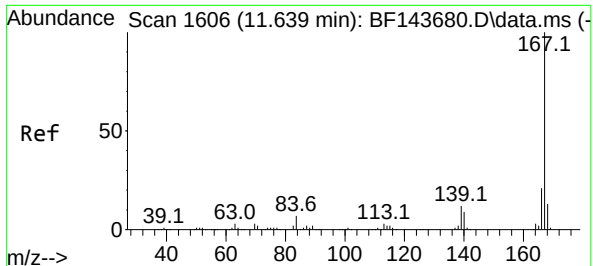
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#72
Anthracene
Concen: 45.886 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

Tgt Ion:178 Resp: 276146
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 15.1 12.2 18.2





#73

Carbazole

Concen: 45.495 ng

RT: 11.651 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143726.D

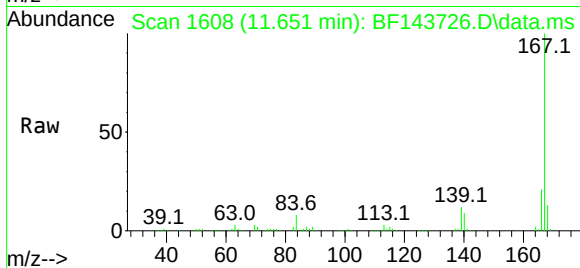
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:167 Resp: 22422

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

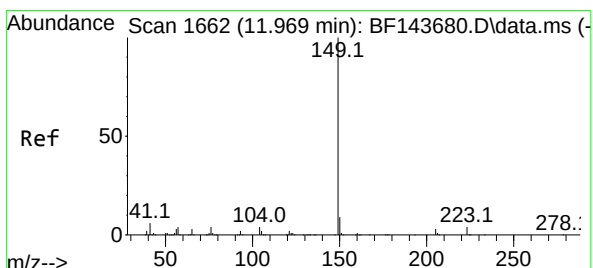
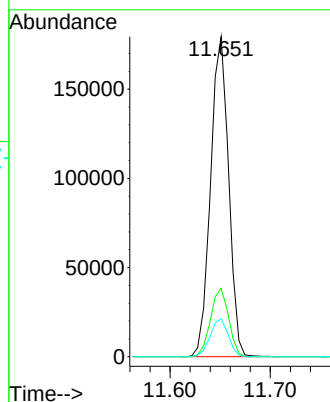
139 11.8 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#74

Di-n-butylphthalate

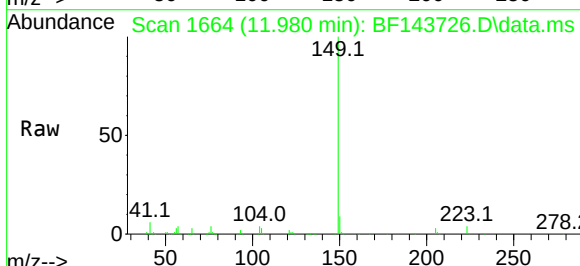
Concen: 44.625 ng

RT: 11.980 min Scan# 1664

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42



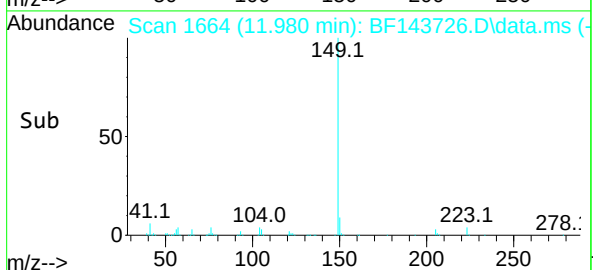
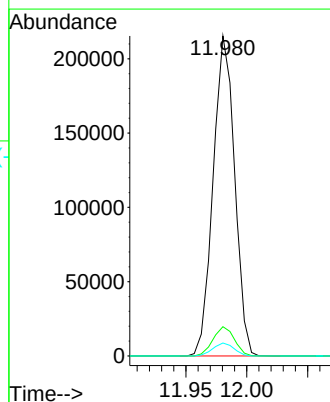
Tgt Ion:149 Resp: 264791

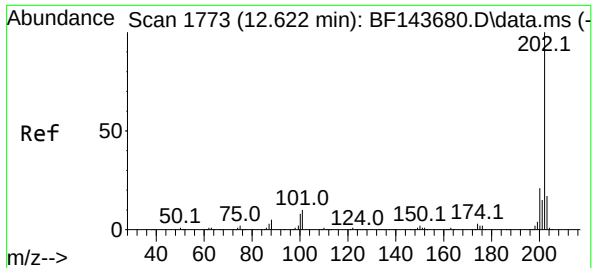
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

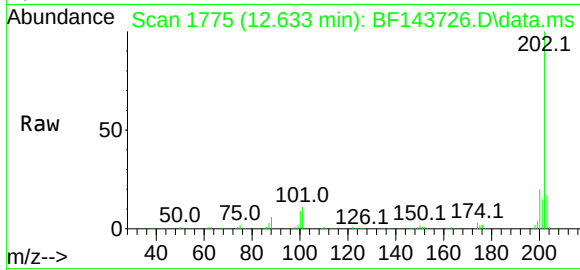
104 4.1 3.3 4.9





#75
Fluoranthene
Concen: 43.686 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

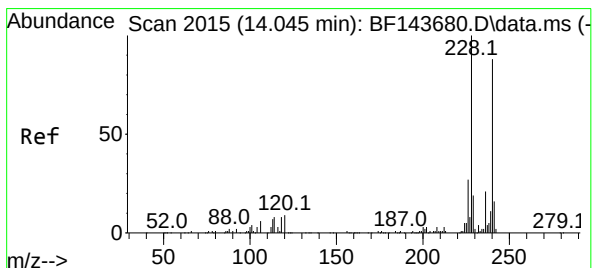
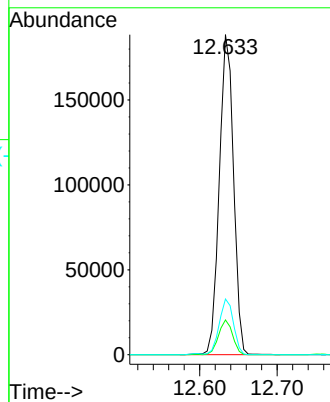
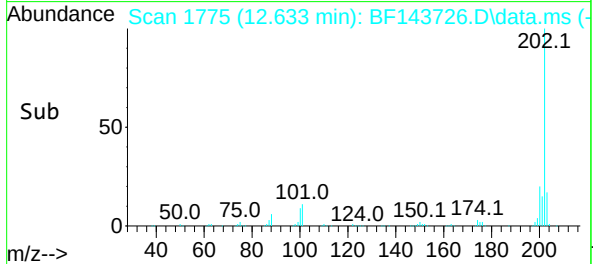
Instrument :
BNA_F
ClientSampleId :
PB169661BS



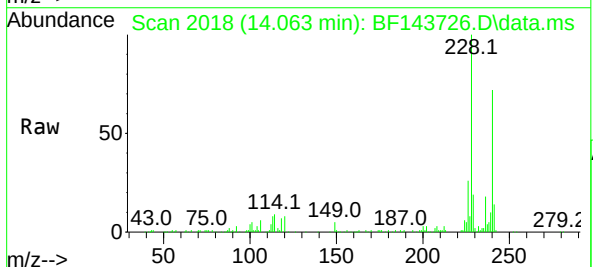
Tgt Ion:202 Resp: 240029
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.5
203 17.4 0.0 37.1

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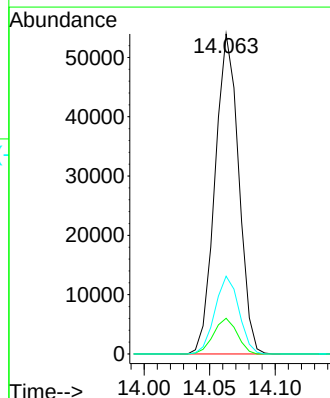
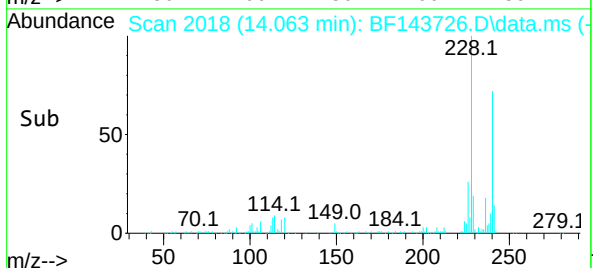
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

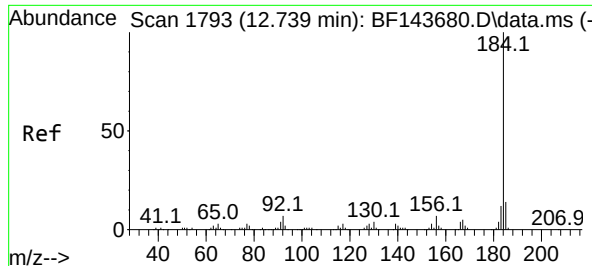


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:240 Resp: 67628
Ion Ratio Lower Upper
240 100
120 11.2 8.4 12.6
236 24.3 18.6 28.0





#77

Benzidine

Concen: 28.994 ng

RT: 12.751 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143726.D

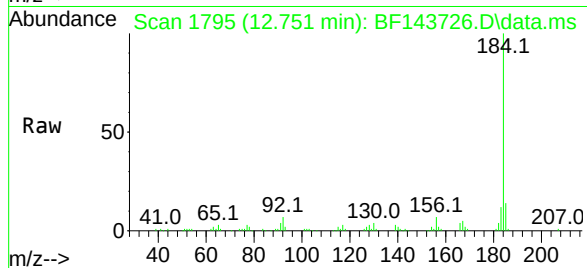
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:184 Resp: 6394

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

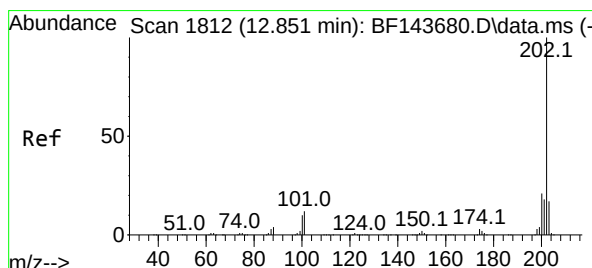
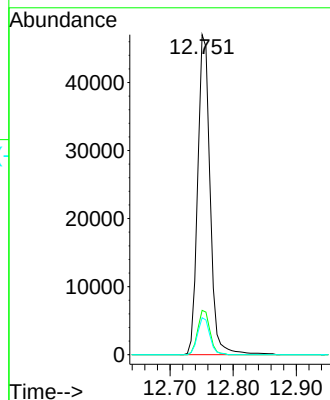
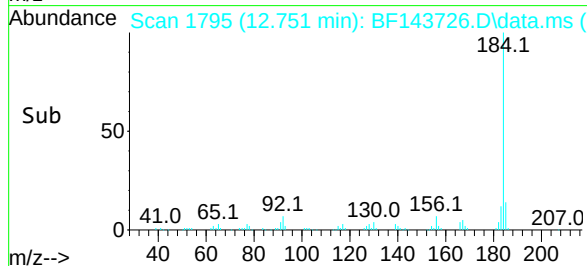
183 11.5 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#78

Pyrene

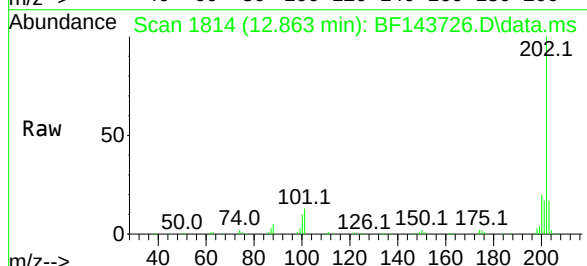
Concen: 43.531 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42



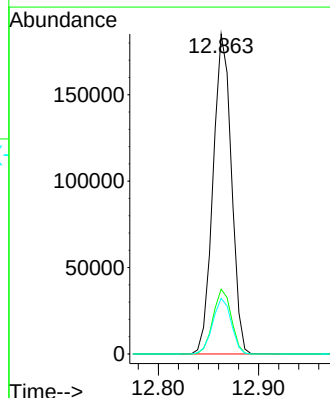
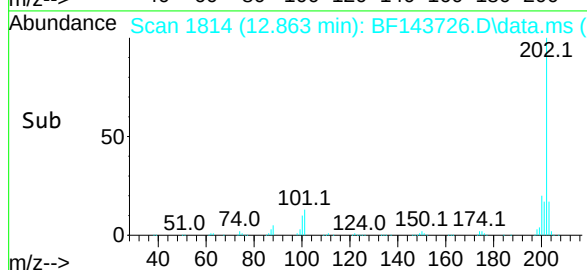
Tgt Ion:202 Resp: 235380

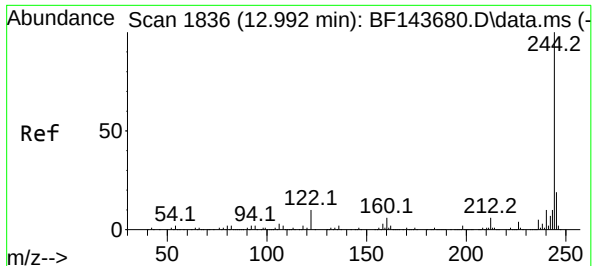
Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

203 17.4 13.5 20.3





#79

Terphenyl-d14

Concen: 84.185 ng

RT: 13.004 min Scan# 1838

Delta R.T. 0.012 min

Lab File: BF143726.D

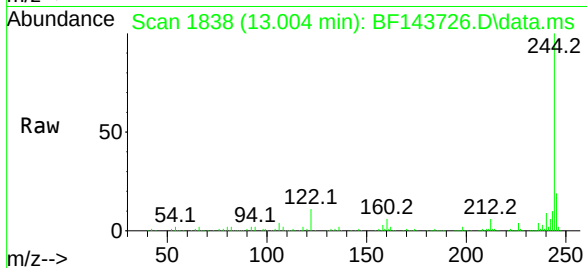
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:244 Resp: 351324

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.6

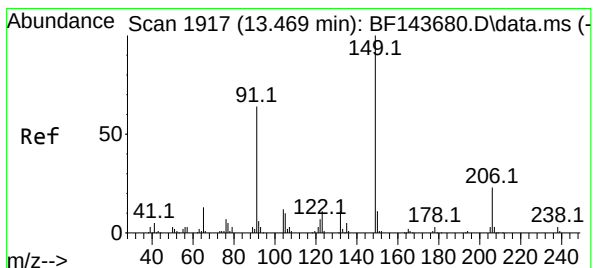
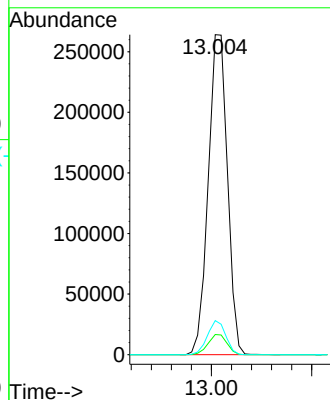
122 10.7 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#80

Butylbenzylphthalate

Concen: 50.580 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

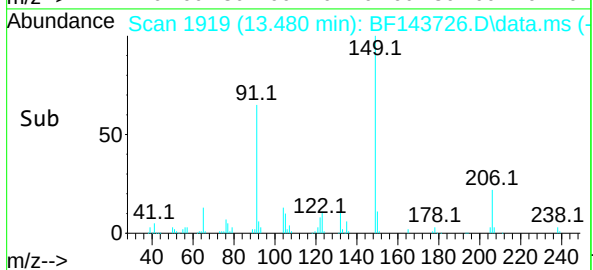
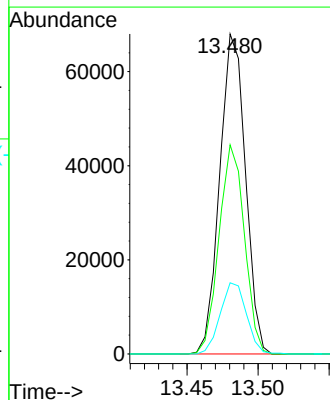
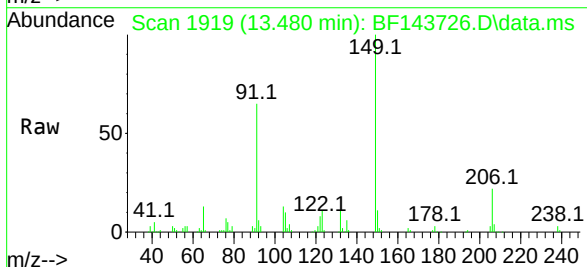
Tgt Ion:149 Resp: 85691

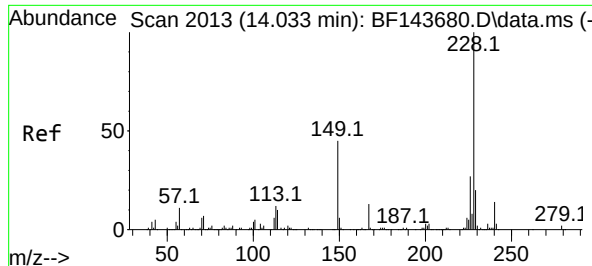
Ion Ratio Lower Upper

149 100

91 65.4 50.9 76.3

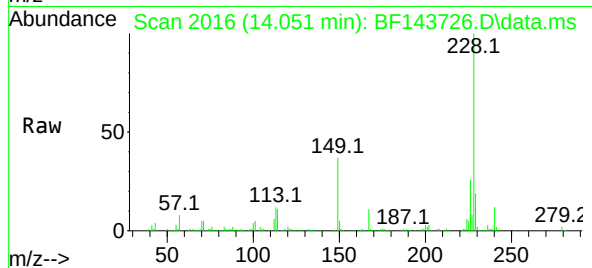
206 22.2 18.2 27.2





#81
Benzo(a)anthracene
Concen: 46.804 ng
RT: 14.051 min Scan# 2013
Delta R.T. 0.018 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

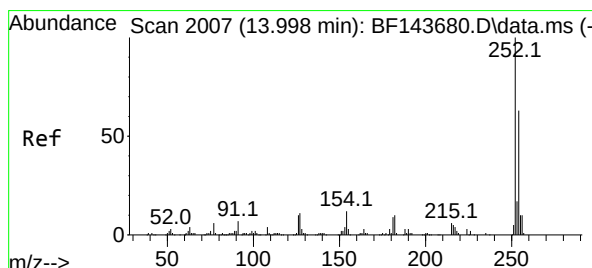
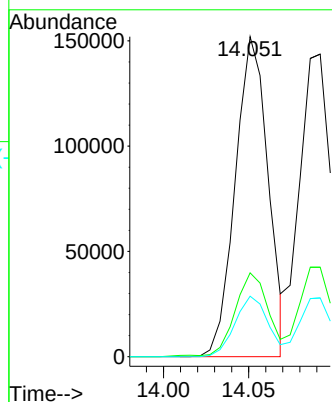
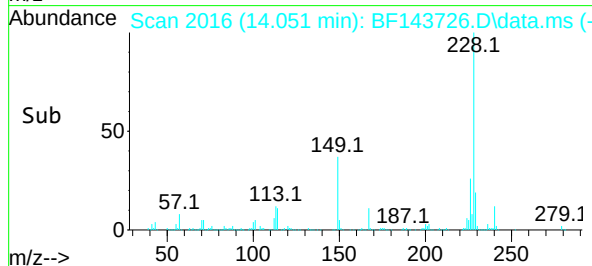
Instrument :
BNA_F
ClientSampleId :
PB169661BS



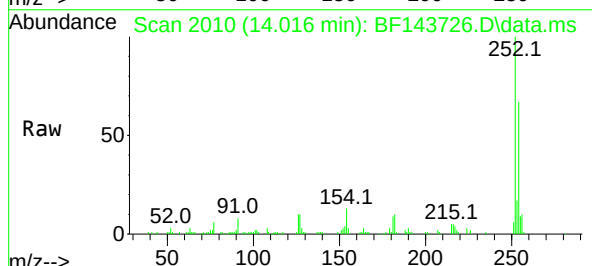
Tgt Ion:228 Resp: 20363
Ion Ratio Lower Upper
228 100
226 26.2 21.6 32.4
229 18.9 15.7 23.5

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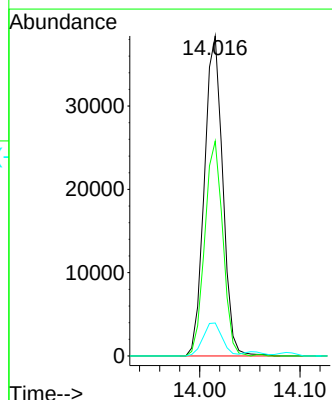
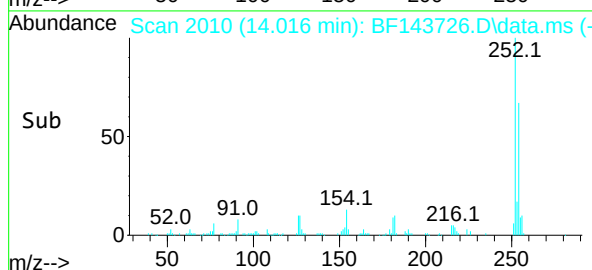
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

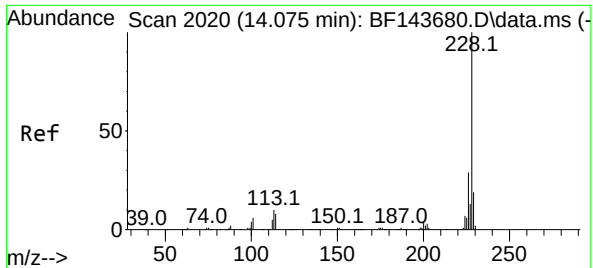


#82
3,3'-Dichlorobenzidine
Concen: 36.611 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.017 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:252 Resp: 49003
Ion Ratio Lower Upper
252 100
254 67.2 50.5 75.7
126 10.3 8.2 12.4





#83

Chrysene

Concen: 46.591 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.017 min

Lab File: BF143726.D

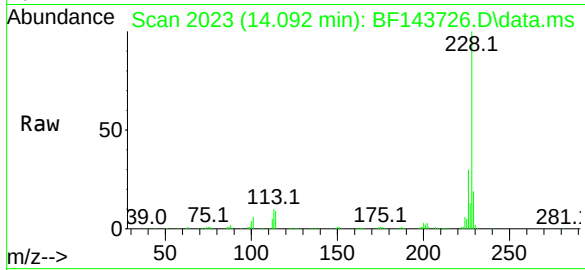
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:228 Resp: 185654

Ion Ratio Lower Upper

228 100

226 29.6 22.7 34.1

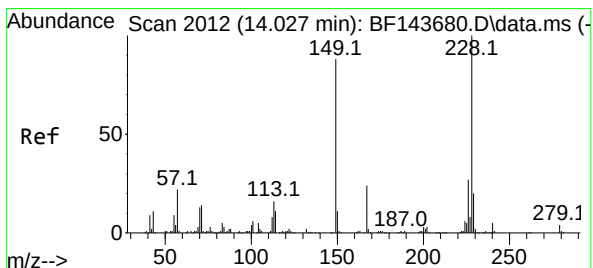
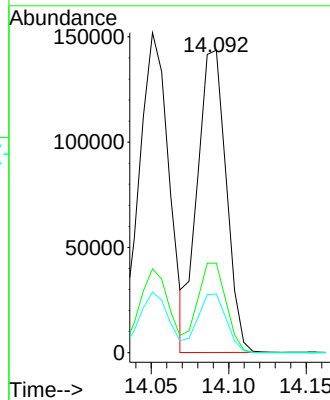
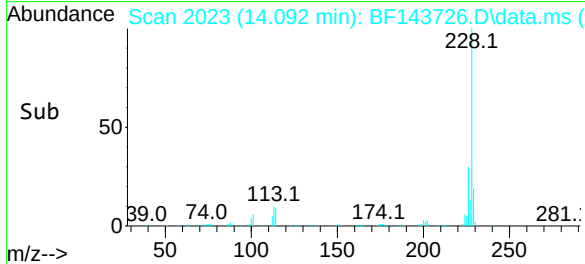
229 19.4 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.324 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.012 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

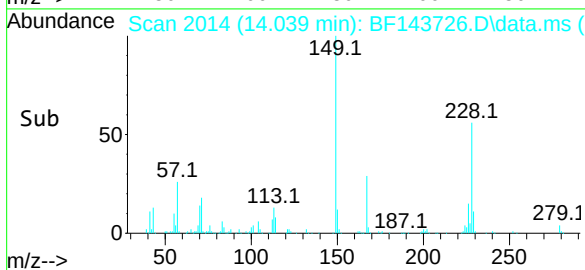
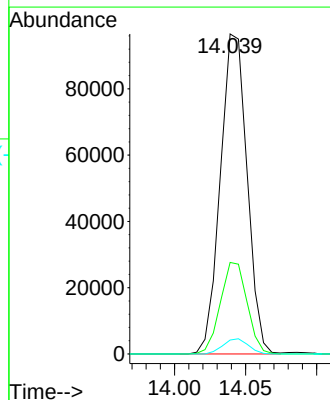
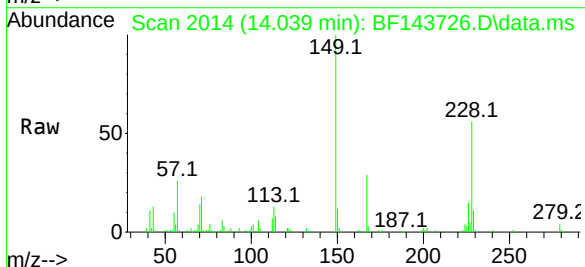
Tgt Ion:149 Resp: 126481

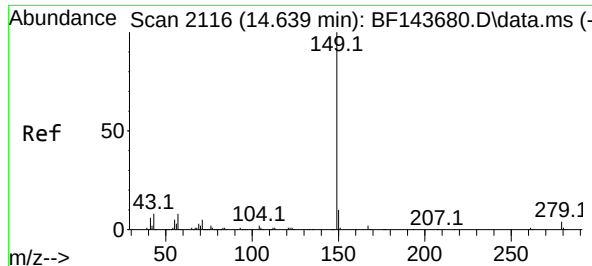
Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.2

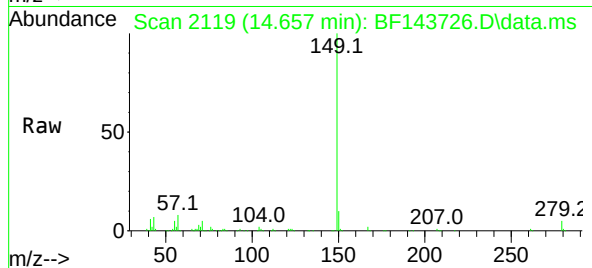
279 4.3 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 55.247 ng
RT: 14.657 min Scan# 2116
Delta R.T. 0.017 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

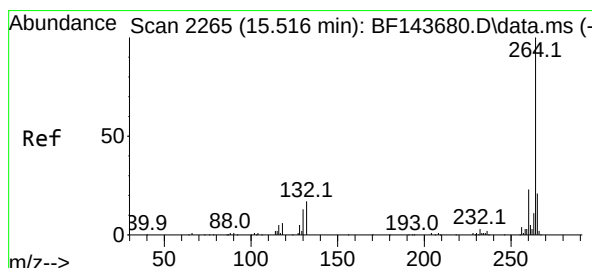
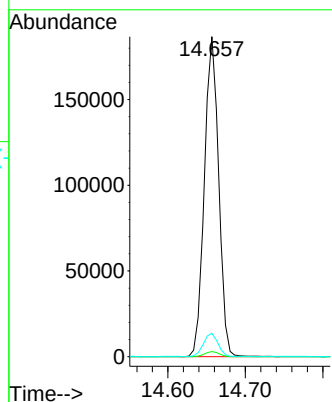
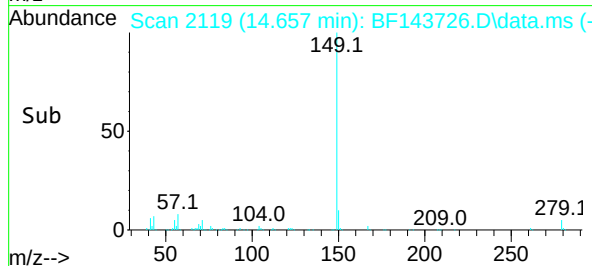
Instrument :
BNA_F
ClientSampleId :
PB169661BS



Tgt Ion:149 Resp: 239312
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.6 6.2 9.2

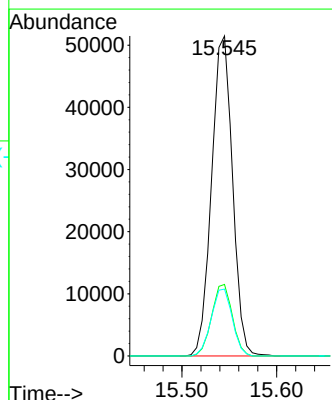
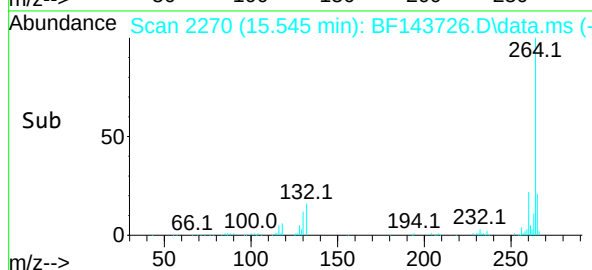
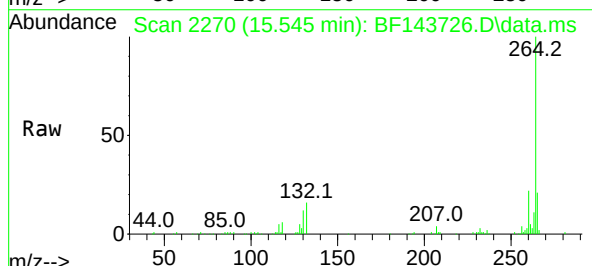
Manual Integrations
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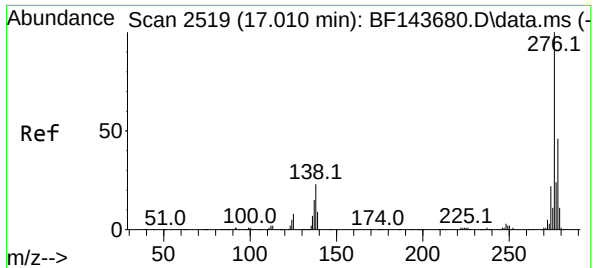
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.029 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

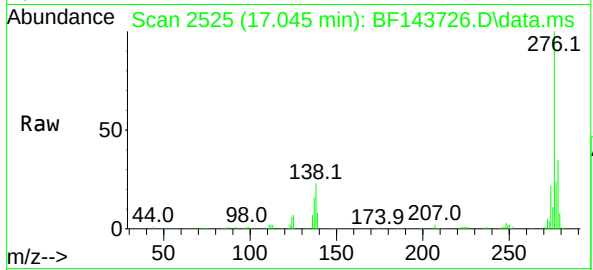
Tgt Ion:264 Resp: 78937
Ion Ratio Lower Upper
264 100
260 22.4 18.4 27.6
265 20.9 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.073 ng
RT: 17.045 min Scan# 2196
Delta R.T. 0.035 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

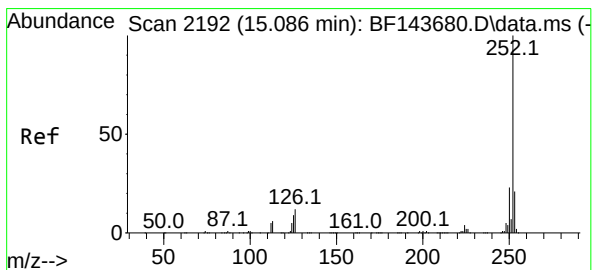
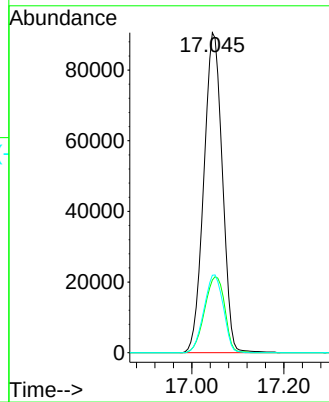
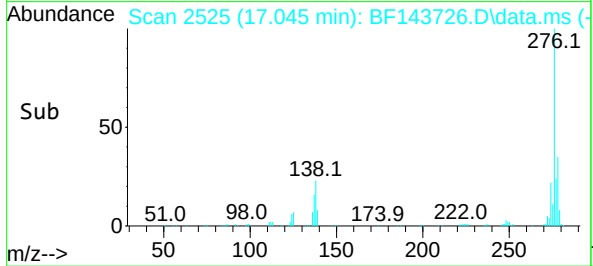
Instrument :
BNA_F
ClientSampleId :
PB169661BS



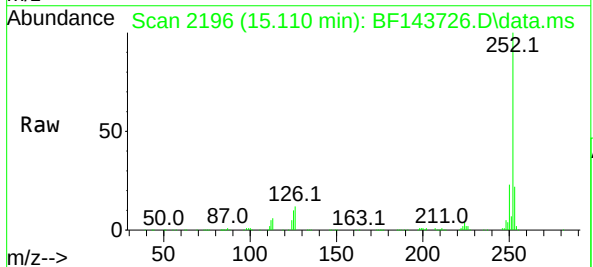
Tgt Ion:276 Resp: 253590
Ion Ratio Lower Upper
276 100
138 25.7 19.7 29.5
277 25.4 20.2 30.2

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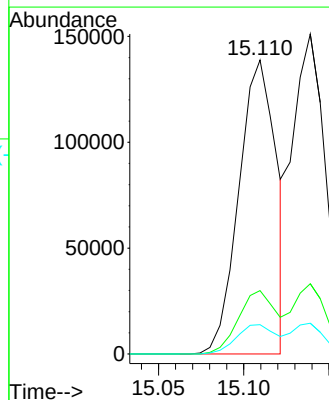
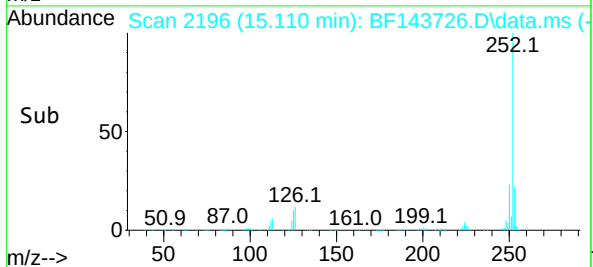
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

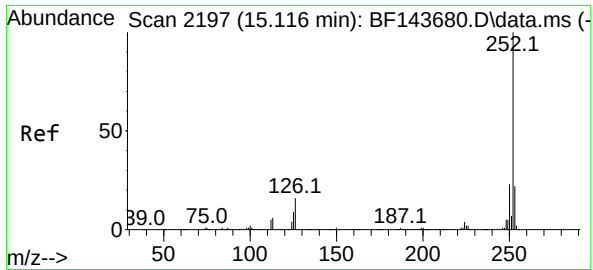


#88
Benzo(b)fluoranthene
Concen: 45.030 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.023 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion:252 Resp: 211593
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 10.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.999 ng

RT: 15.139 min Scan# 2197

Delta R.T. 0.023 min

Lab File: BF143726.D

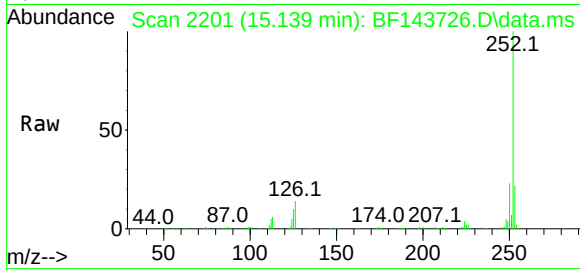
Acq: 12 Sep 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB169661BS



Tgt Ion:252 Resp: 20355

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

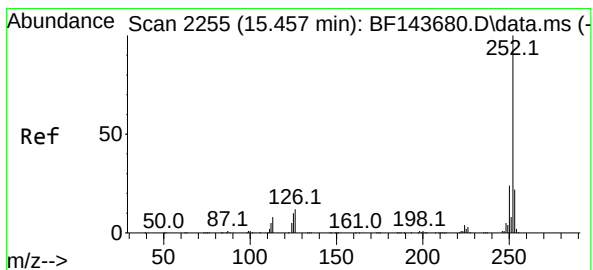
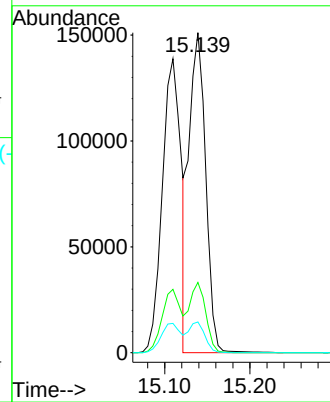
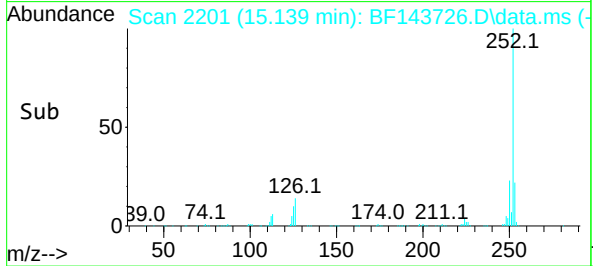
125 9.6 7.3 10.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#90

Benzo(a)pyrene

Concen: 49.619 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.023 min

Lab File: BF143726.D

Acq: 12 Sep 2025 11:42

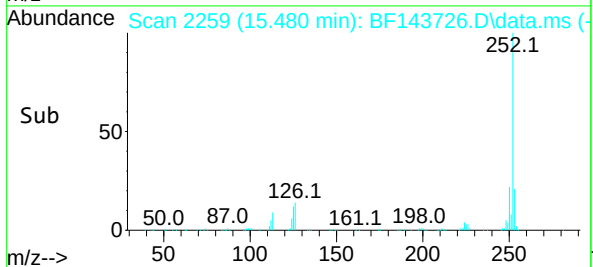
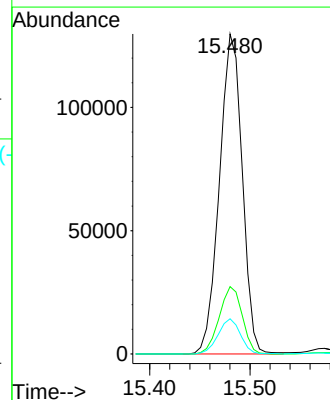
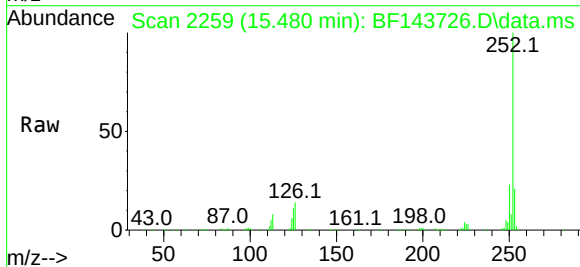
Tgt Ion:252 Resp: 204835

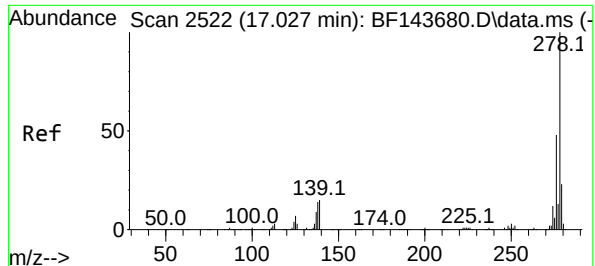
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

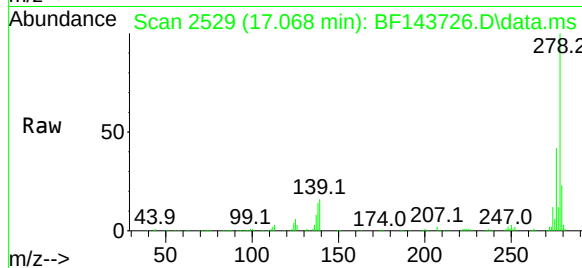
125 11.0 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 47.425 ng
RT: 17.068 min Scan# 211974
Delta R.T. 0.041 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42

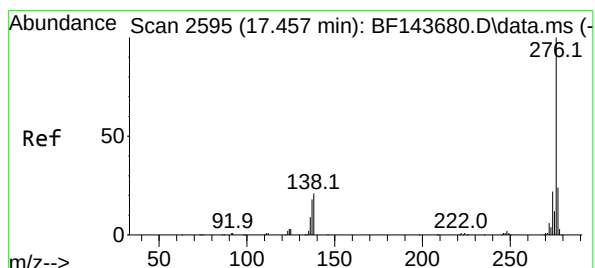
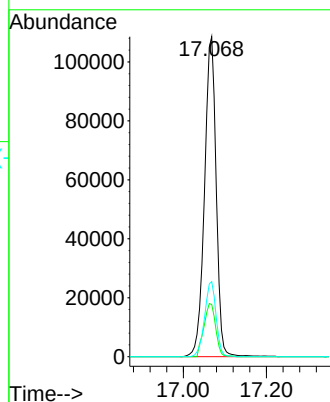
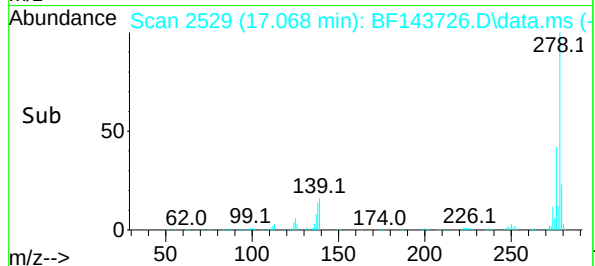
Instrument :
BNA_F
ClientSampleId :
PB169661BS



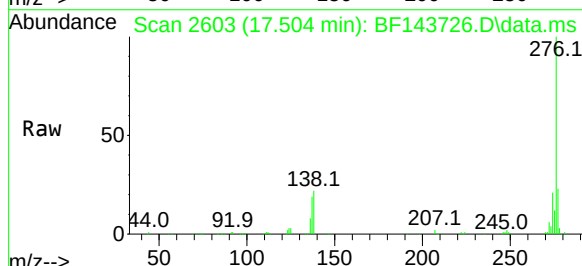
Tgt Ion: 278 Resp: 211974
Ion Ratio Lower Upper
278 100
139 16.3 12.2 18.4
279 23.5 18.7 28.1

Manual Integrations
APPROVED

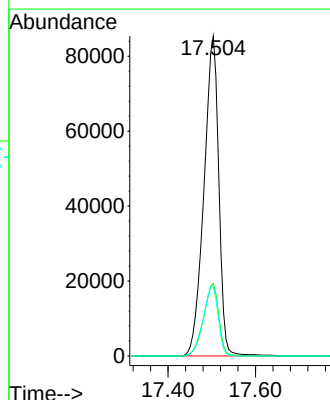
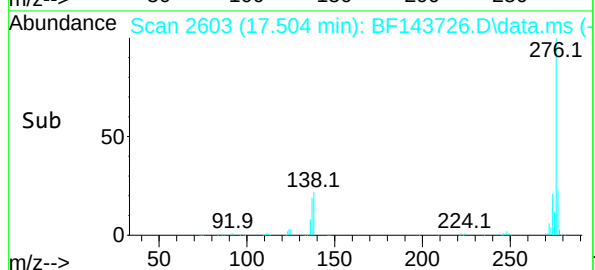
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#92
Benzo(g,h,i)perylene
Concen: 48.370 ng
RT: 17.504 min Scan# 2603
Delta R.T. 0.047 min
Lab File: BF143726.D
Acq: 12 Sep 2025 11:42



Tgt Ion: 276 Resp: 202222
Ion Ratio Lower Upper
276 100
277 22.6 19.2 28.8
138 21.7 17.0 25.4



Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MS	SDG No.:	Q3032
Lab Sample ID:	Q3032-02MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143712.D	1	09/11/25 08:40	09/11/25 17:59	PB169661

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	370		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	480		5.30	50.0	ug/L
95-48-7	2-Methylphenol	480		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	470		11.0	100	ug/L
67-72-1	Hexachloroethane	450		6.50	50.0	ug/L
98-95-3	Nitrobenzene	490		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	480		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	520		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	510		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	540		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	520		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1100	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	132		15 (23) - 110 (138)	88%	SPK: 150
13127-88-3	Phenol-d6	123		15 (10) - 110 (134)	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	101		30 (67) - 130 (132)	101%	SPK: 100
321-60-8	2-Fluorobiphenyl	102		30 (52) - 130 (132)	102%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		15 (44) - 110 (137)	92%	SPK: 150
1718-51-0	Terphenyl-d14	77.7		30 (42) - 130 (152)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	38100		6.898		
1146-65-2	Naphthalene-d8	141000		8.175		
15067-26-2	Acenaphthene-d10	75000		9.934		
1517-22-2	Phenanthrene-d10	106000		11.422		
1719-03-5	Chrysene-d12	98800		14.063		
1520-96-3	Perylene-d12	80000		15.539		

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MS	SDG No.:	Q3032
Lab Sample ID:	Q3032-02MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143712.D	1	09/11/25 08:40	09/11/25 17:59	PB169661

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\BF091125\
 Data File : BF143712.D
 Acq On : 11 Sep 2025 17:59
 Operator : RC/JU
 Sample : Q3032-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-1MS

Quant Time: Sep 11 18:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	38125	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	141026	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	74973	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	106474	20.000	ng	0.01
76) Chrysene-d12	14.063	240	98778	20.000	ng	0.02
86) Perylene-d12	15.539	264	80025	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	293996	131.567	ng	0.02
7) Phenol-d6	6.516	99	335344	123.251	ng	0.01
23) Nitrobenzene-d5	7.457	82	228322	100.703	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	104200	137.911	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	506239	102.001	ng	0.00
79) Terphenyl-d14	13.010	244	473474	77.677	ng	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.840	88	41851	41.986	ng	# 84
3) Pyridine	3.552	79	95567	37.115	ng	98
4) n-Nitrosodimethylamine	3.493	42	48372	49.456	ng	95
6) Aniline	6.557	93	81086	22.501	ng	99
8) 2-Chlorophenol	6.681	128	114339	47.377	ng	97
9) Benzaldehyde	6.446	77	45625	20.784	ng	98
10) Phenol	6.534	94	131223	43.631	ng	97
11) bis(2-Chloroethyl)ether	6.634	93	108079	48.115	ng	96
12) 1,3-Dichlorobenzene	6.840	146	133694	48.437	ng	99
13) 1,4-Dichlorobenzene	6.916	146	134130	48.146	ng	98
14) 1,2-Dichlorobenzene	7.063	146	126998	48.273	ng	98
15) Benzyl Alcohol	7.034	79	99441	50.244	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	135153	45.990	ng	98
17) 2-Methylphenol	7.140	107	93614	48.219	ng	98
18) Hexachloroethane	7.410	117	40745	45.275	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	82500	49.371	ng	98
20) 3+4-Methylphenols	7.293	107	121374	47.475	ng	94
22) Acetophenone	7.304	105	179068	56.221	ng	99
24) Nitrobenzene	7.475	77	115223	49.012	ng	96
25) Isophorone	7.716	82	217476	50.022	ng	98
26) 2-Nitrophenol	7.793	139	61685	53.366	ng	98
27) 2,4-Dimethylphenol	7.822	122	108390	52.235	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	132560	49.615	ng	99
29) 2,4-Dichlorophenol	8.028	162	101318	48.539	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	111857	51.726	ng	98
31) Naphthalene	8.198	128	342800	49.103	ng	99
32) Benzoic acid	7.928	122	74952	59.205	ng	94
33) 4-Chloroaniline	8.240	127	30744	12.650	ng	98
34) Hexachlorobutadiene	8.316	225	67259	47.685	ng	99
35) Caprolactam	8.610	113	26317	47.371	ng	94
36) 4-Chloro-3-methylphenol	8.722	107	99059	48.130	ng	94
37) 2-Methylnaphthalene	8.887	142	208542	43.638	ng	100
38) 1-Methylnaphthalene	8.987	142	212303	46.291	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	122034	56.856	ng	99
41) Hexachlorocyclopentadiene	9.045	237	84770	76.929	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	74458	51.952	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143712.D
 Acq On : 11 Sep 2025 17:59
 Operator : RC/JU
 Sample : Q3032-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-1MS

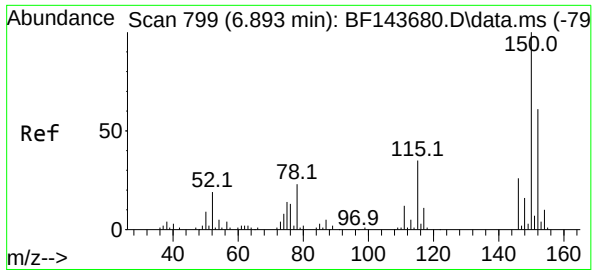
Quant Time: Sep 11 18:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	73644	50.544	ng	98
46) 1,1'-Biphenyl	9.357	154	310699	57.564	ng	98
47) 2-Chloronaphthalene	9.381	162	212953	50.327	ng	99
48) 2-Nitroaniline	9.469	65	60257	53.811	ng	98
49) Acenaphthylene	9.798	152	350181	57.774	ng	100
50) Dimethylphthalate	9.651	163	255984	52.477	ng	99
51) 2,6-Dinitrotoluene	9.716	165	52860	56.677	ng	95
52) Acenaphthene	9.969	154	212653	50.914	ng	99
53) 3-Nitroaniline	9.881	138	32789	32.669	ng	96
54) 2,4-Dinitrophenol	9.986	184	35832	72.015	ng	# 57
55) Dibenzofuran	10.139	168	297181	49.481	ng	98
56) 4-Nitrophenol	10.034	139	73258	91.744	ng	99
57) 2,4-Dinitrotoluene	10.116	165	68835	54.228	ng	97
58) Fluorene	10.486	166	229583	48.834	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	60071	50.846	ng	98
60) Diethylphthalate	10.357	149	239914	52.388	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	117589	49.318	ng	100
62) 4-Nitroaniline	10.492	138	43831	46.108	ng	98
63) Azobenzene	10.634	77	200625	49.554	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	25453	46.953	ng	97
66) n-Nitrosodiphenylamine	10.592	169	195522	56.054	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	69182	53.881	ng	98
68) Hexachlorobenzene	11.028	284	69978	51.616	ng	97
69) Atrazine	11.116	200	62305	56.969	ng	98
70) Pentachlorophenol	11.222	266	88506	107.992	ng	98
71) Phenanthrene	11.445	178	299508	51.054	ng	99
72) Anthracene	11.498	178	304605	51.638	ng	100
73) Carbazole	11.651	167	259856	53.789	ng	100
74) Di-n-butylphthalate	11.980	149	332700	57.203	ng	100
75) Fluoranthene	12.633	202	303356	56.328	ng	99
77) Benzidine	12.757	184	69926	21.708	ng	100
78) Pyrene	12.863	202	311710	39.468	ng	99
80) Butylbenzylphthalate	13.480	149	129836	52.469	ng	99
81) Benzo(a)anthracene	14.051	228	337596	53.125	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	86099	44.040	ng	98
83) Chrysene	14.092	228	286928	49.299	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	184436	52.239	ng	98
85) Di-n-octyl phthalate	14.657	149	326362	51.583	ng	96
87) Indeno(1,2,3-cd)pyrene	17.039	276	187654	34.359	ng	99
88) Benzo(b)fluoranthene	15.110	252	279033	58.574	ng	99
89) Benzo(k)fluoranthene	15.139	252	277882	64.634	ng	99
90) Benzo(a)pyrene	15.480	252	233587	55.814	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	156620	34.564	ng	98
92) Benzo(g,h,i)perylene	17.492	276	145103	34.235	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

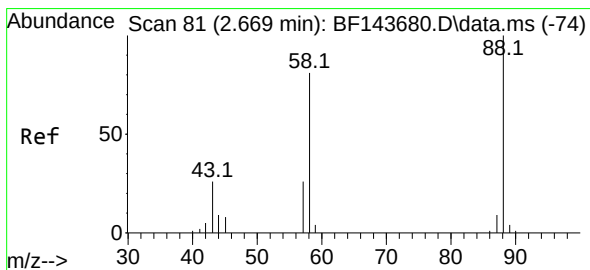
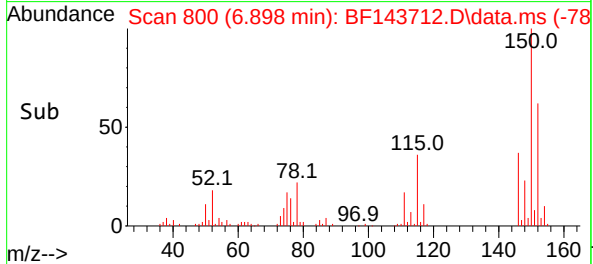
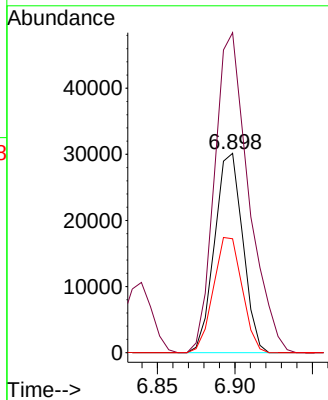
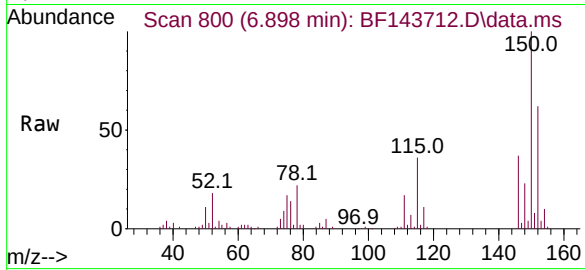
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. 0.005 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

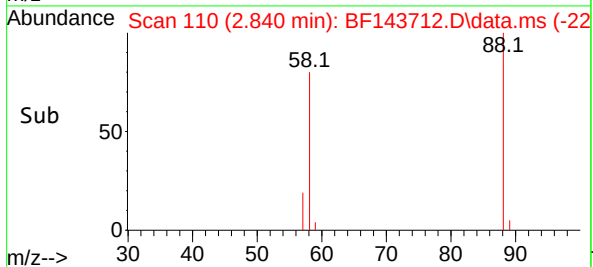
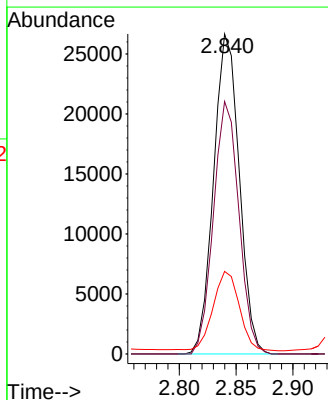
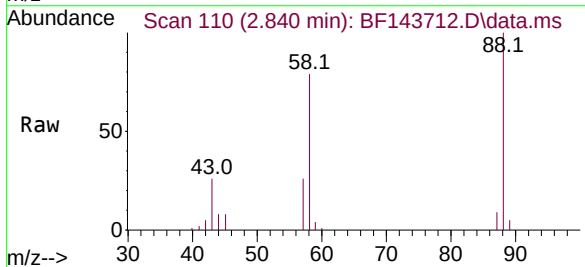
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

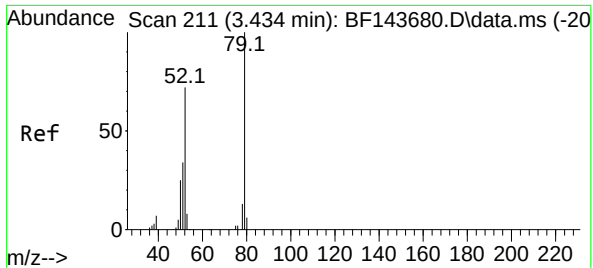
Tgt Ion:152 Resp: 38125
Ion Ratio Lower Upper
152 100
150 160.5 130.7 196.1
115 57.1 45.9 68.9



#2
1,4-Dioxane
Concen: 41.986 ng
RT: 2.840 min Scan# 110
Delta R.T. 0.171 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion: 88 Resp: 41851
Ion Ratio Lower Upper
88 100
58 78.1 65.8 98.6
43 0.0 20.6 31.0#

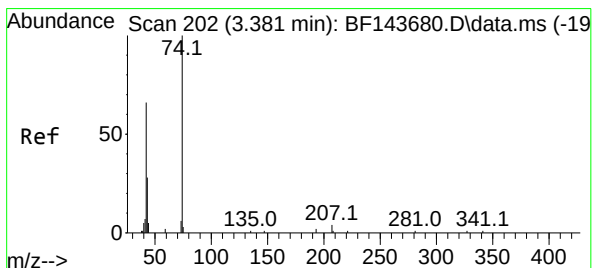
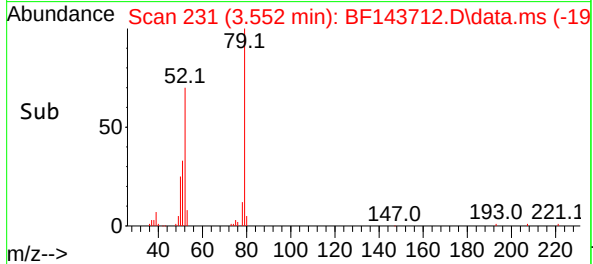
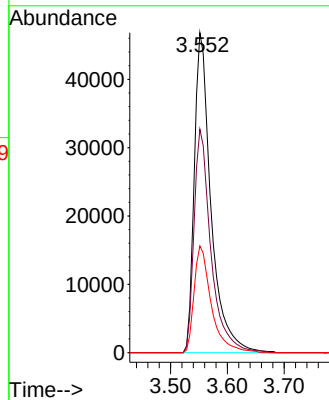
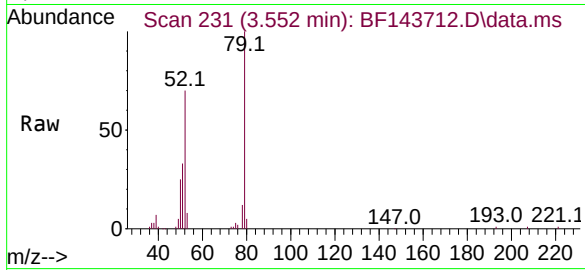




#3
Pyridine
Concen: 37.115 ng
RT: 3.552 min Scan# 211
Delta R.T. 0.118 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

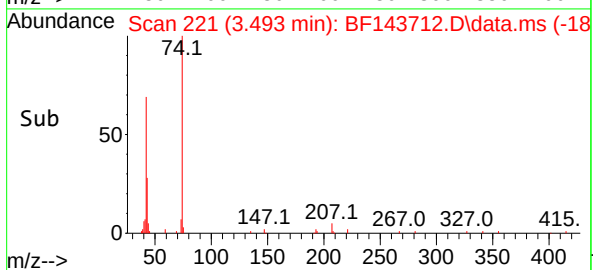
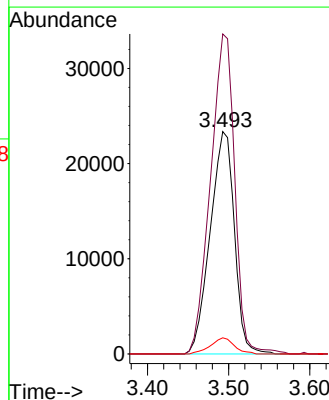
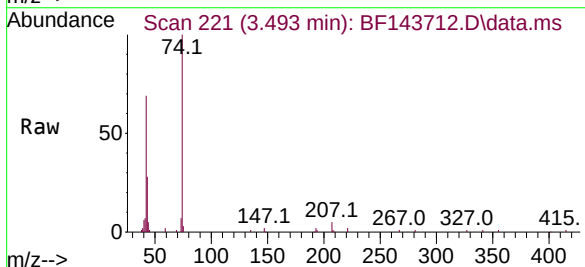
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

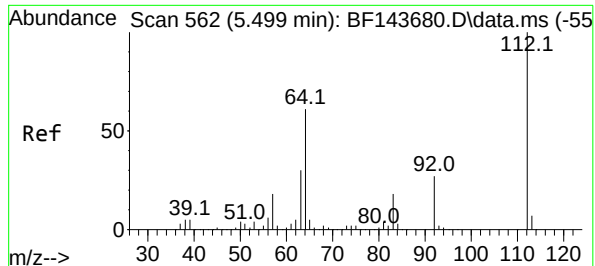
Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.8	57.2	85.8
51	33.3	27.0	40.6



#4
n-Nitrosodimethylamine
Concen: 49.456 ng
RT: 3.493 min Scan# 221
Delta R.T. 0.112 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.9	120.9	181.3
44	7.2	6.5	9.7

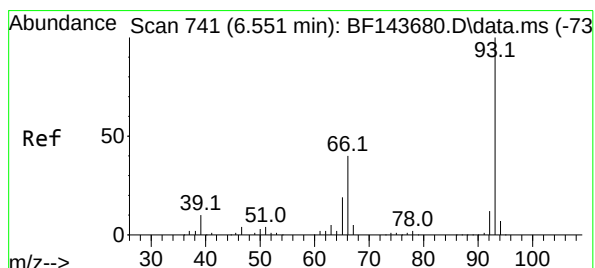
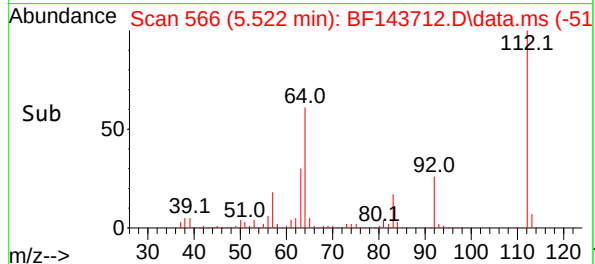
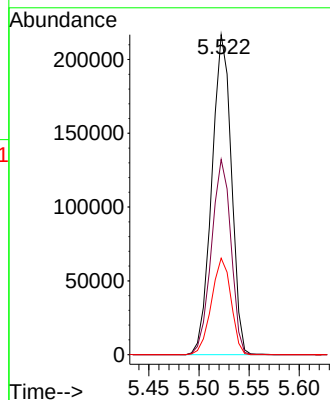
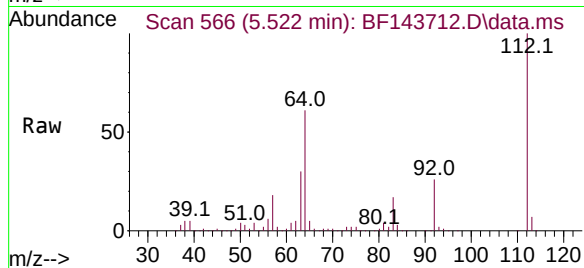




#5
2-Fluorophenol
Concen: 131.567 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

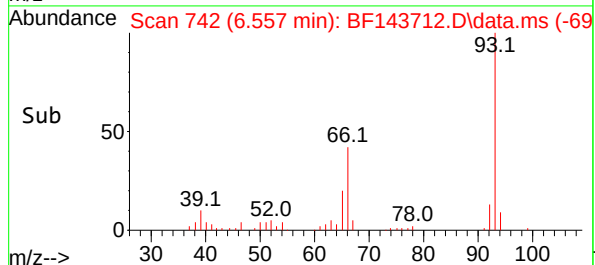
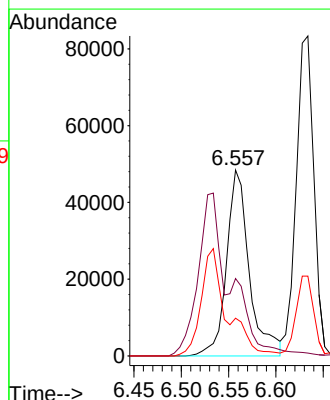
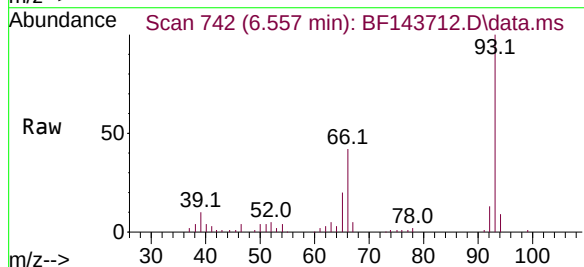
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

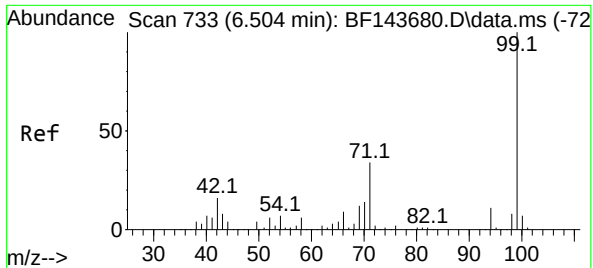
Tgt Ion:112 Resp: 293996
Ion Ratio Lower Upper
112 100
64 61.0 49.0 73.4
63 30.1 24.3 36.5



#6
Aniline
Concen: 22.501 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion: 93 Resp: 81086
Ion Ratio Lower Upper
93 100
66 41.6 34.1 51.1
65 20.2 16.1 24.1

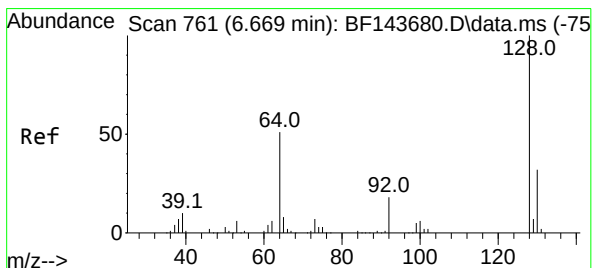
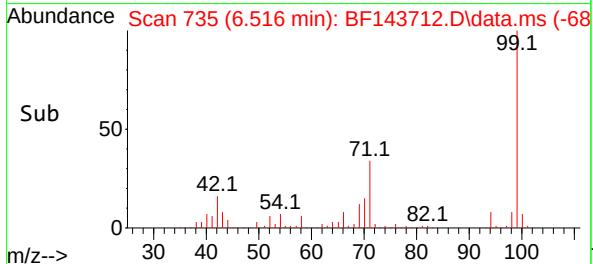
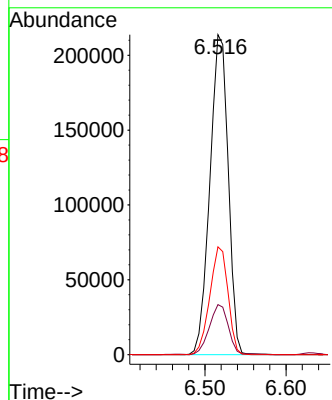
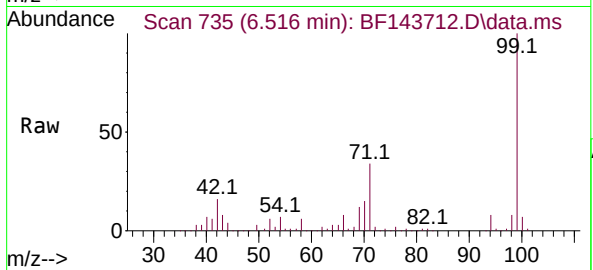




#7
Phenol-d6
Concen: 123.251 ng
RT: 6.516 min Scan# 733
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

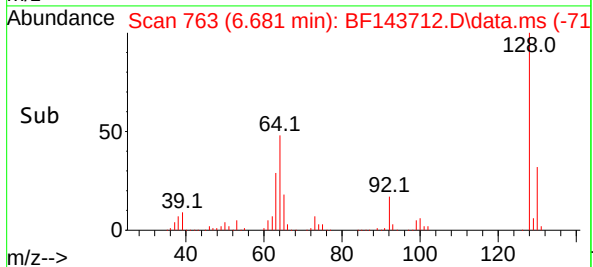
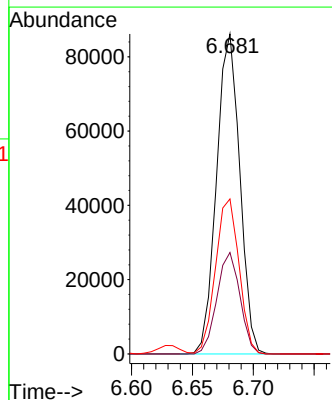
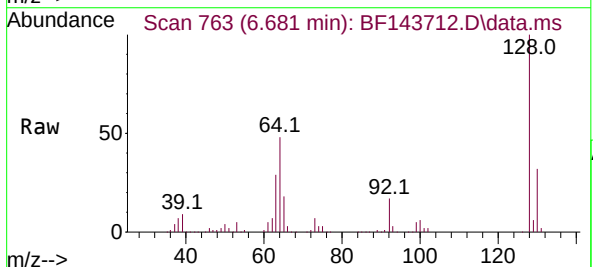
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

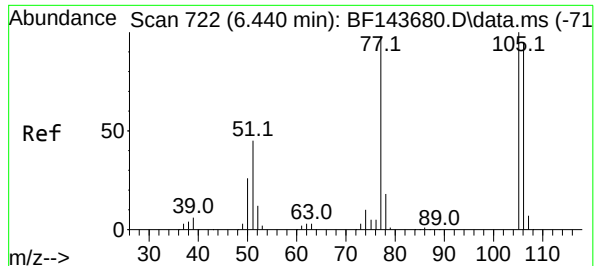
Tgt Ion: 99 Resp: 335344
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 33.7 27.4 41.2



#8
2-Chlorophenol
Concen: 47.377 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion: 128 Resp: 114339
Ion Ratio Lower Upper
128 100
130 31.7 12.0 52.0
64 48.4 31.9 71.9





#9

Benzaldehyde

Concen: 20.784 ng

RT: 6.446 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

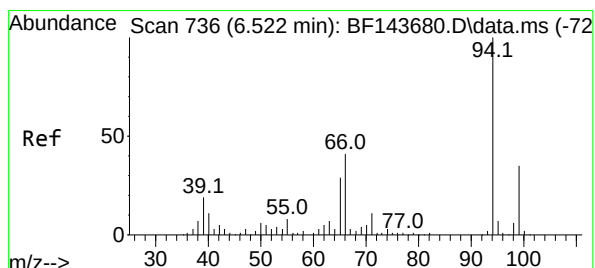
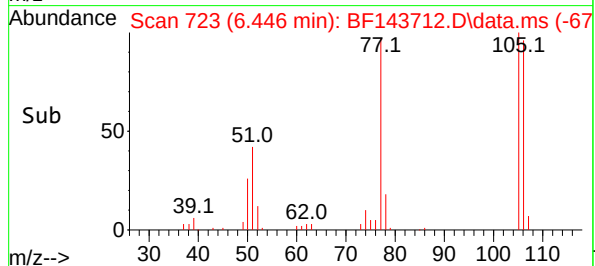
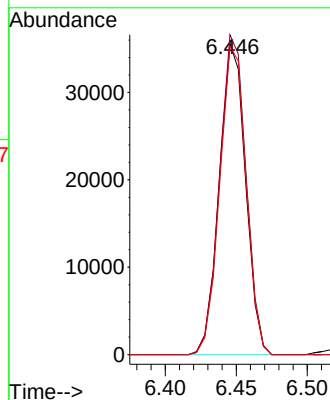
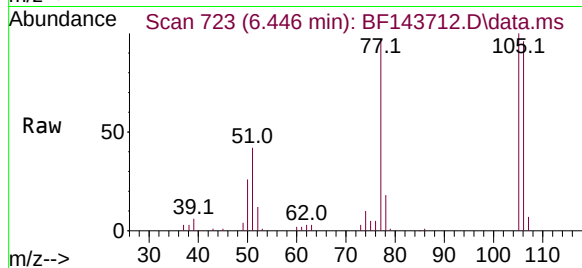
Tgt Ion: 77 Resp: 45625

Ion Ratio Lower Upper

77 100

105 102.9 81.7 121.7

106 99.1 76.9 116.9



#10

Phenol

Concen: 43.631 ng

RT: 6.534 min Scan# 738

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

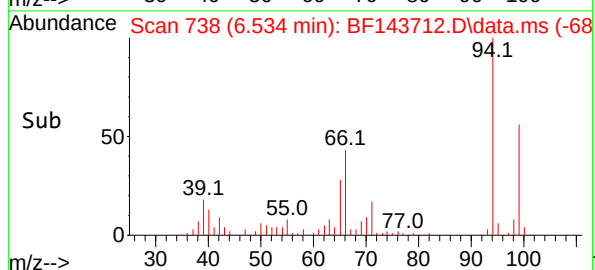
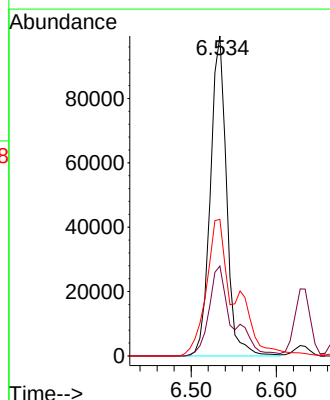
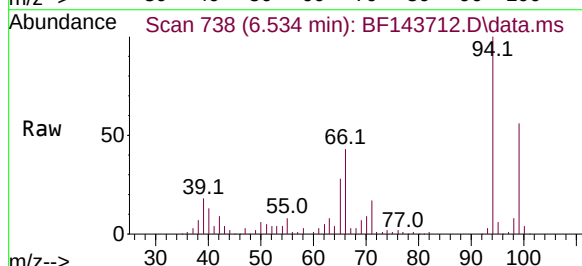
Tgt Ion: 94 Resp: 131223

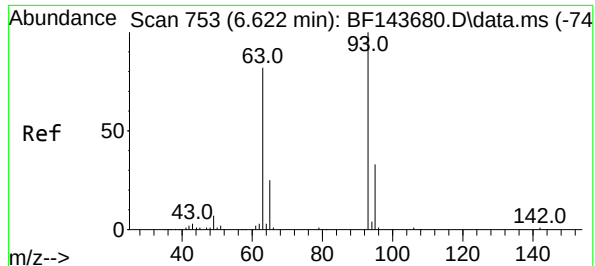
Ion Ratio Lower Upper

94 100

65 28.1 9.1 49.1

66 42.7 20.8 60.8

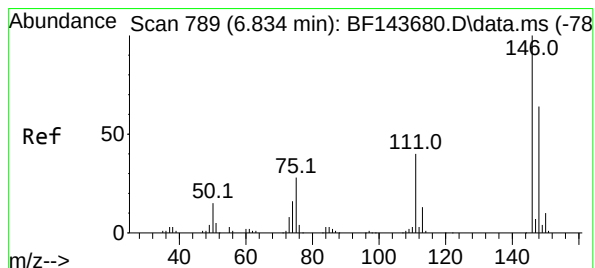
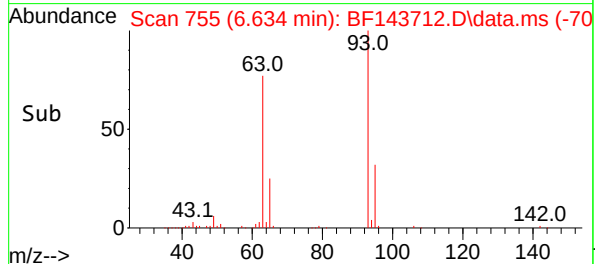
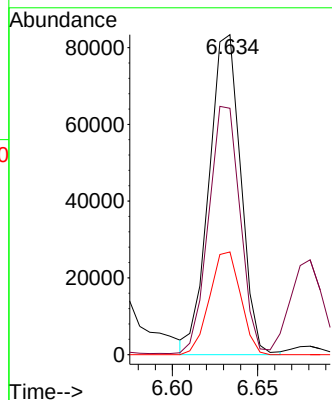
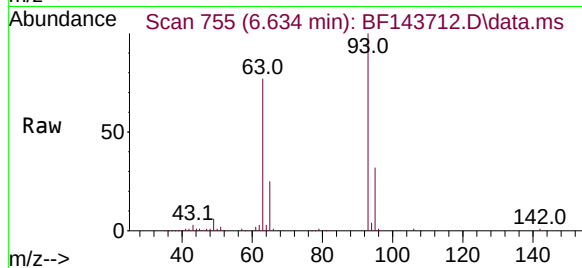




#11
bis(2-Chloroethyl)ether
Concen: 48.115 ng
RT: 6.634 min Scan# 753
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

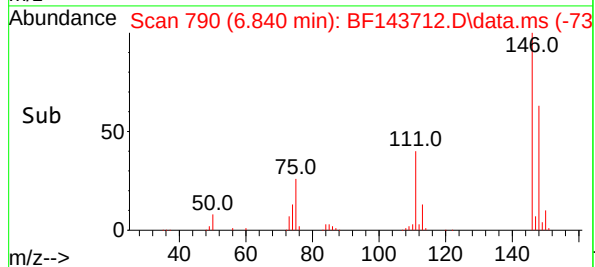
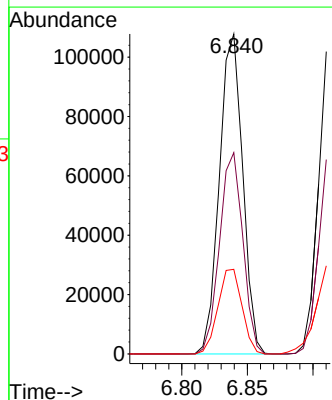
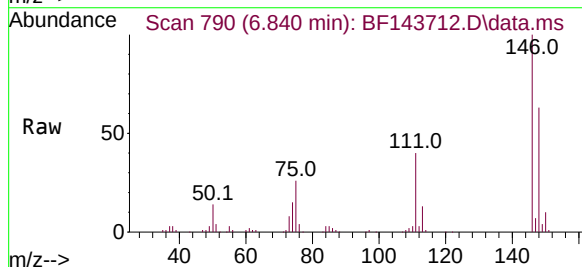
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

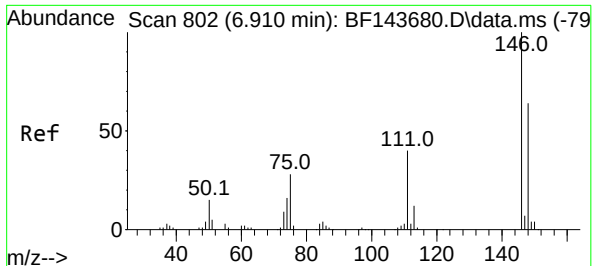
Tgt Ion: 93 Resp: 108079
Ion Ratio Lower Upper
93 100
63 77.0 61.8 101.8
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 48.437 ng
RT: 6.840 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:146 Resp: 133694
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.4
75 26.4 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 48.146 ng

RT: 6.916 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

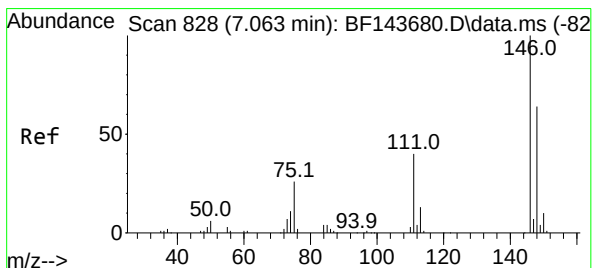
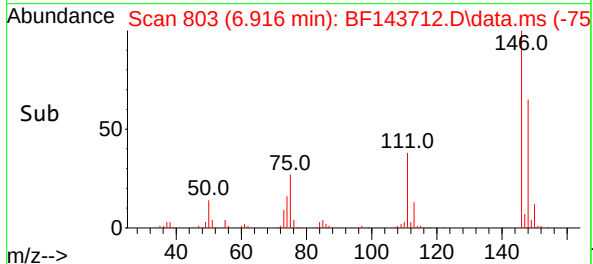
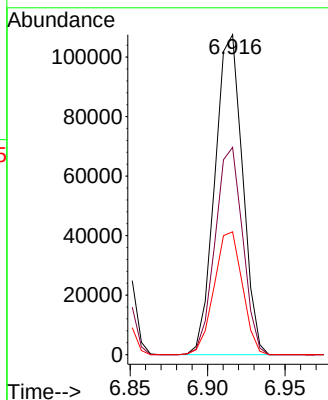
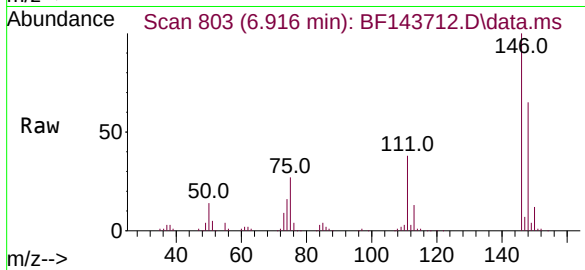
Tgt Ion:146 Resp: 134130

Ion Ratio Lower Upper

146 100

148 64.8 51.2 76.8

111 38.4 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 48.273 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

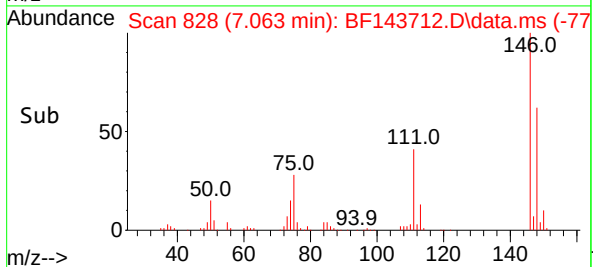
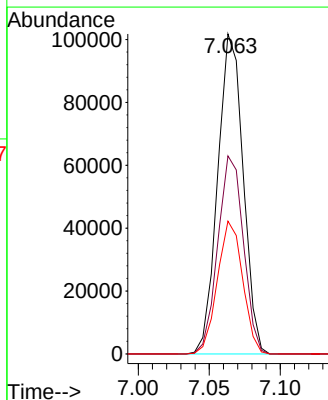
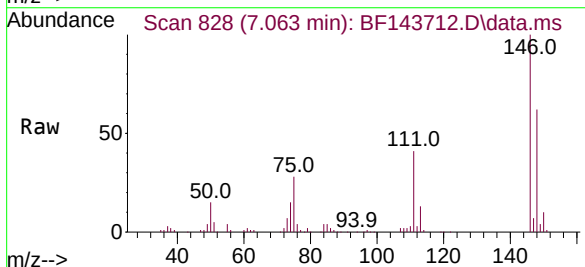
Tgt Ion:146 Resp: 126998

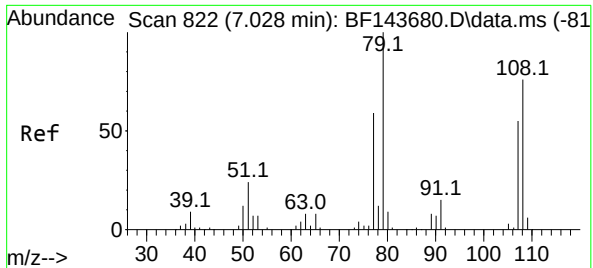
Ion Ratio Lower Upper

146 100

148 61.9 51.0 76.4

111 41.5 32.3 48.5





#15

Benzyl Alcohol

Concen: 50.244 ng

RT: 7.034 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

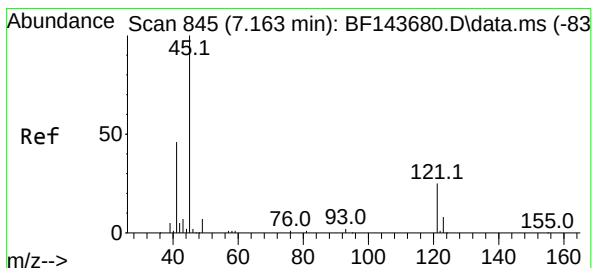
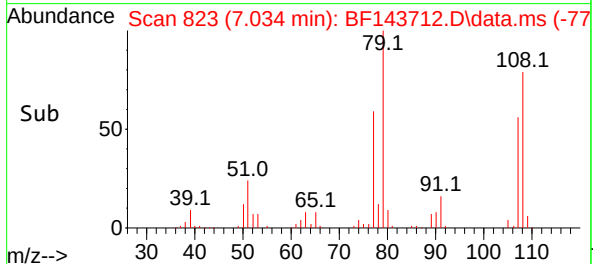
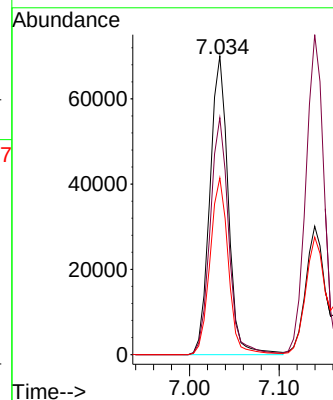
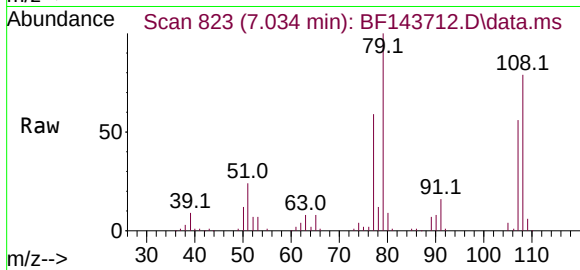
Tgt Ion: 79 Resp: 99441

Ion Ratio Lower Upper

79 100

108 79.3 60.9 91.3

77 59.2 47.4 71.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.990 ng

RT: 7.169 min Scan# 846

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

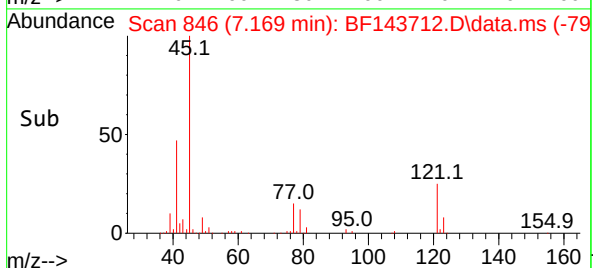
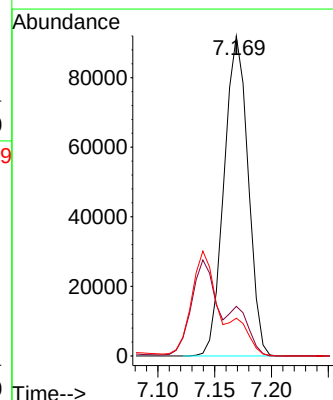
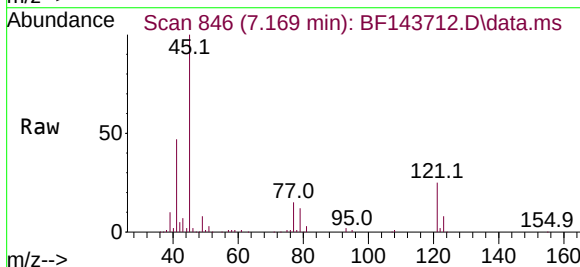
Tgt Ion: 45 Resp: 135153

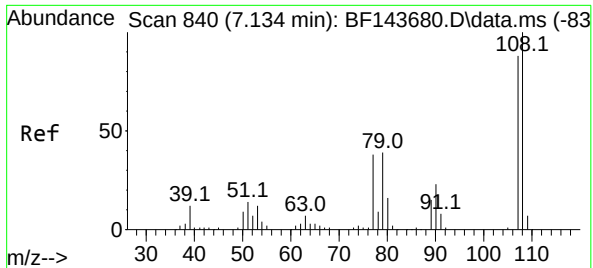
Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.6

79 11.8 0.0 31.3

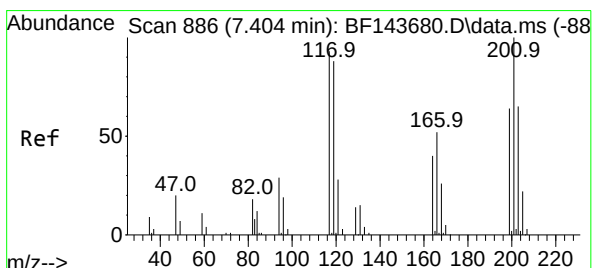
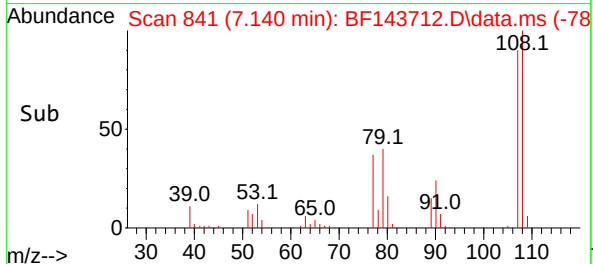
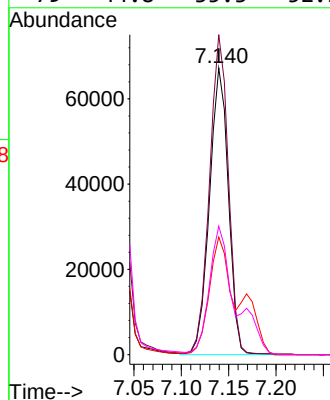
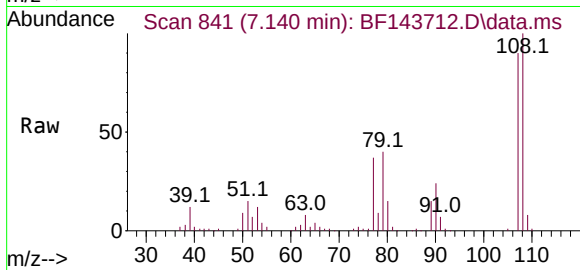




#17
2-Methylphenol
Concen: 48.219 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

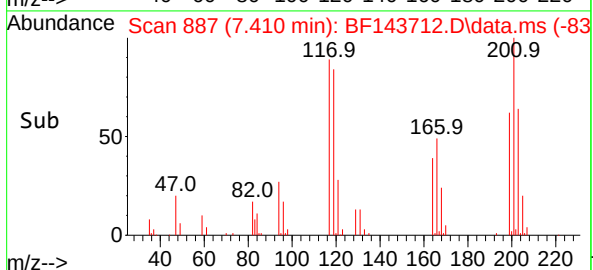
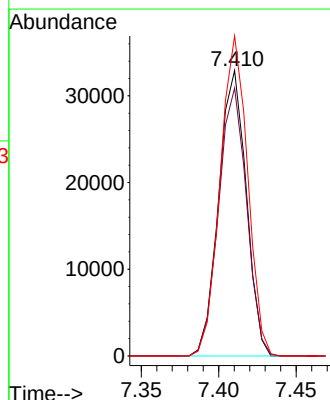
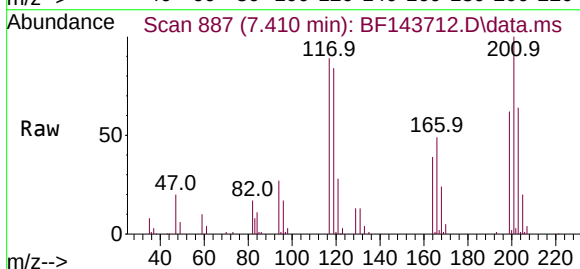
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

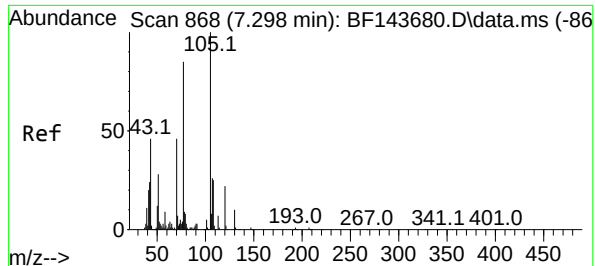
Tgt Ion:	107	Resp:	93614
Ion Ratio	Lower	Upper	
107	100		
108	111.6	90.9	136.3
77	41.0	34.4	51.6
79	44.8	35.3	52.9



#18
Hexachloroethane
Concen: 45.275 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:	117	Resp:	40745
Ion Ratio	Lower	Upper	
117	100		
119	93.9	76.2	114.2
201	112.2	86.4	129.6





#19

n-Nitroso-di-n-propylamine

Concen: 49.371 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

Tgt Ion: 70 Resp: 82500

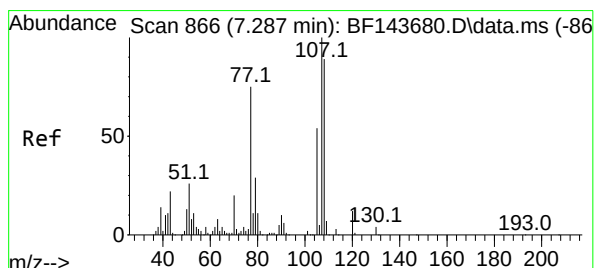
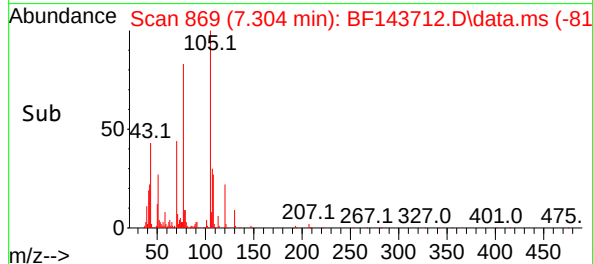
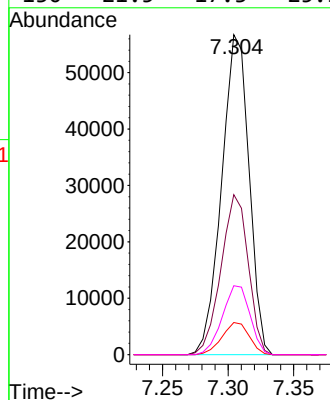
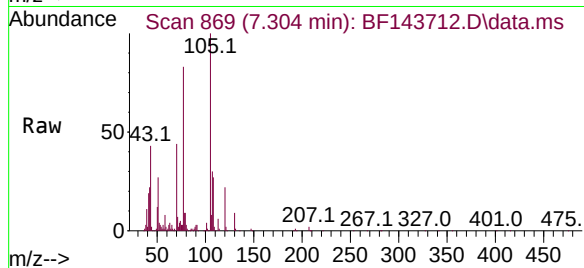
Ion Ratio Lower Upper

70 100

42 50.0 41.4 62.2

101 10.0 8.1 12.1

130 21.5 17.3 25.9



#20

3+4-Methylphenols

Concen: 47.475 ng

RT: 7.293 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Tgt Ion: 107 Resp: 121374

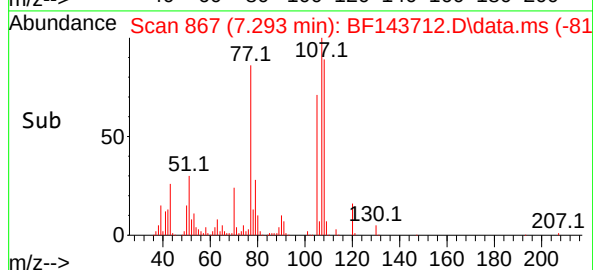
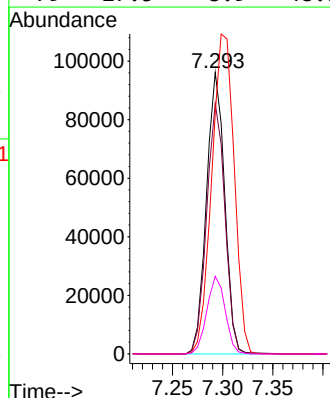
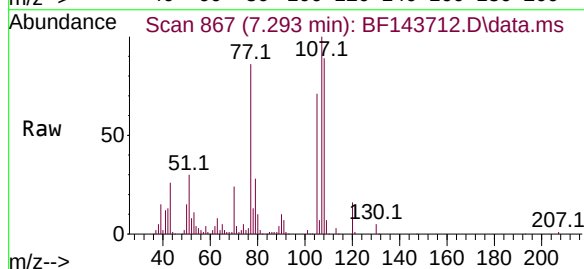
Ion Ratio Lower Upper

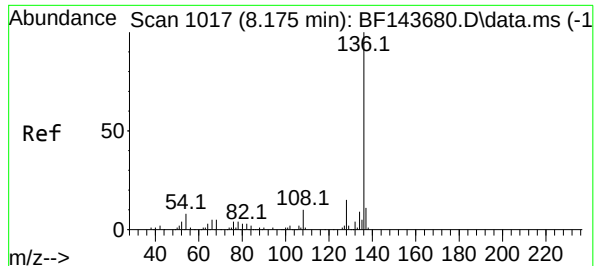
107 100

108 89.0 68.6 108.6

77 85.5 54.6 94.6

79 27.5 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

Tgt Ion:136 Resp: 141026

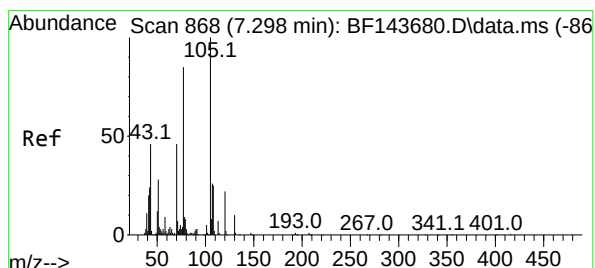
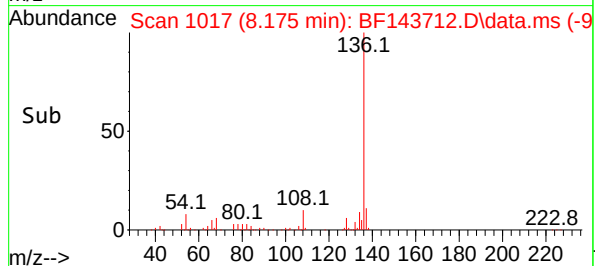
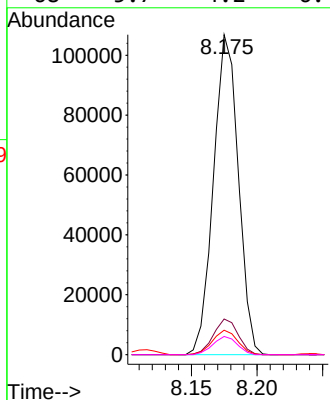
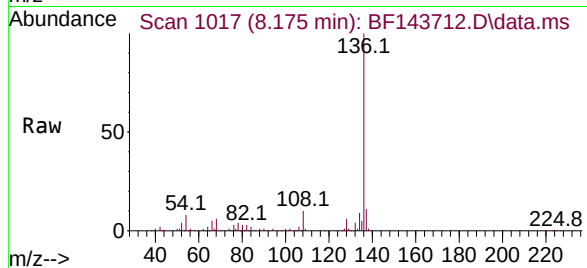
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.6 6.2 9.2

68 5.7 4.2 6.4



#22

Acetophenone

Concen: 56.221 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Tgt Ion:105 Resp: 179068

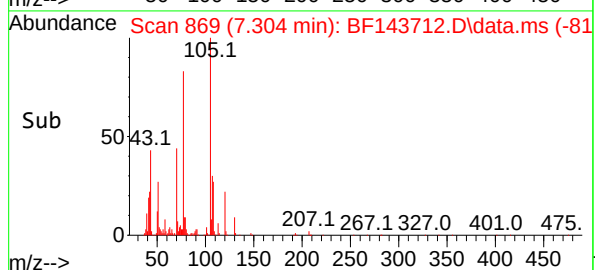
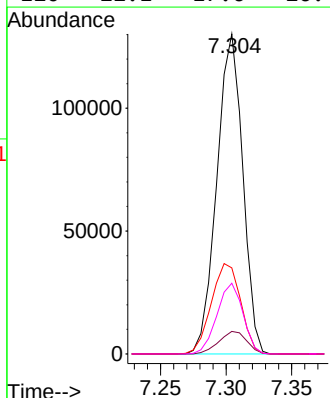
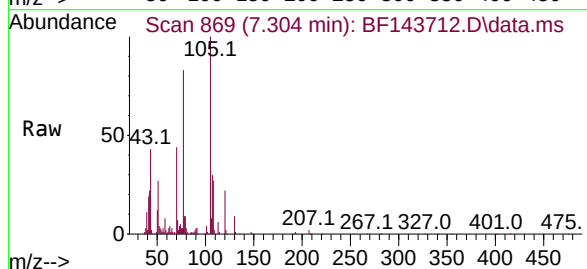
Ion Ratio Lower Upper

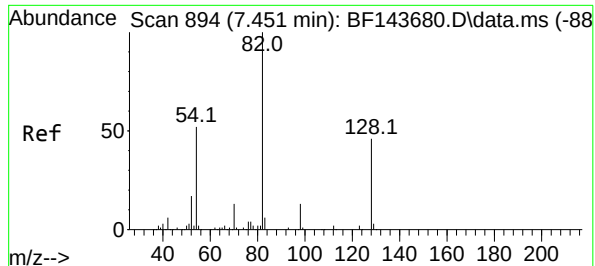
105 100

71 7.0 5.9 8.9

51 26.9 22.4 33.6

120 22.1 17.6 26.4





#23

Nitrobenzene-d5

Concen: 100.703 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

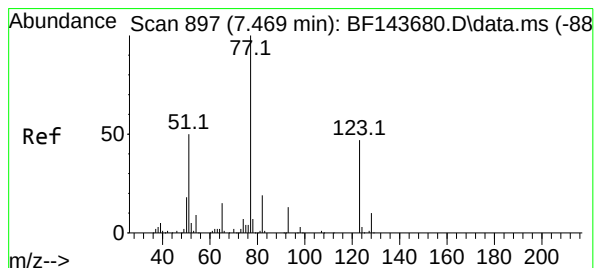
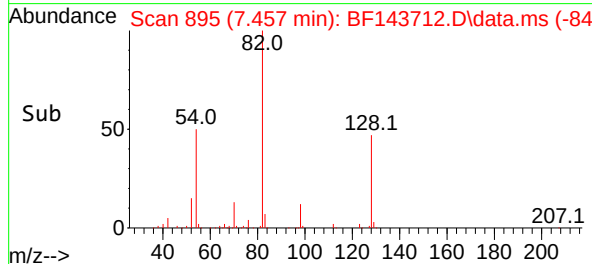
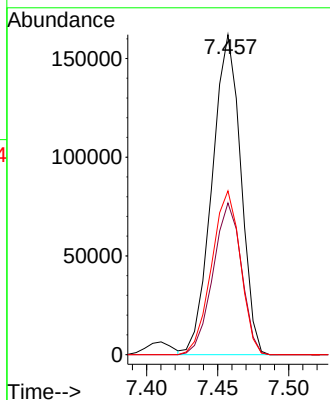
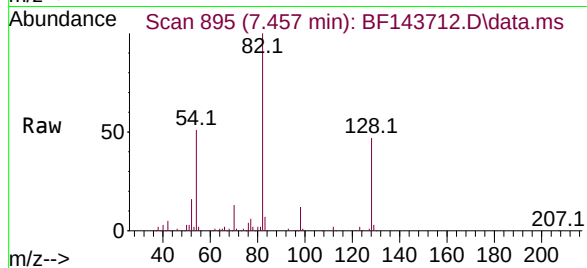
Tgt Ion: 82 Resp: 228322

Ion Ratio Lower Upper

82 100

128 47.4 37.0 55.4

54 51.2 41.8 62.8



#24

Nitrobenzene

Concen: 49.012 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

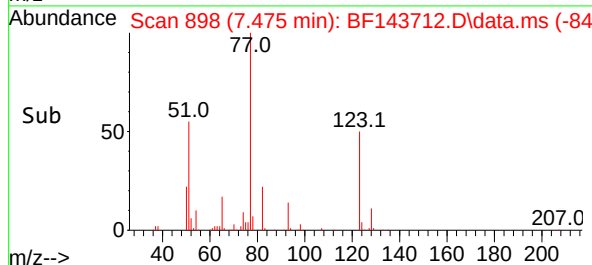
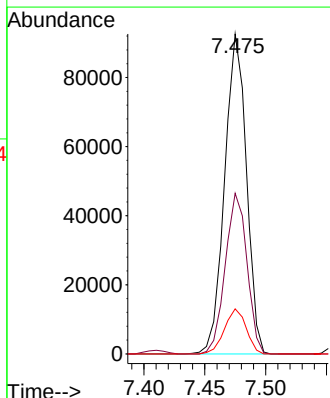
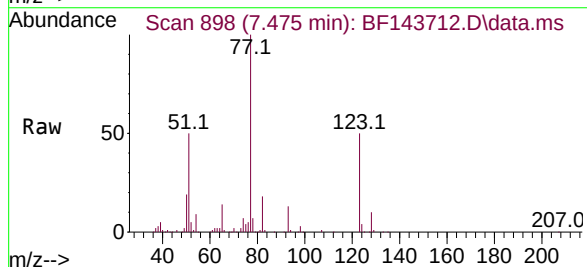
Tgt Ion: 77 Resp: 115223

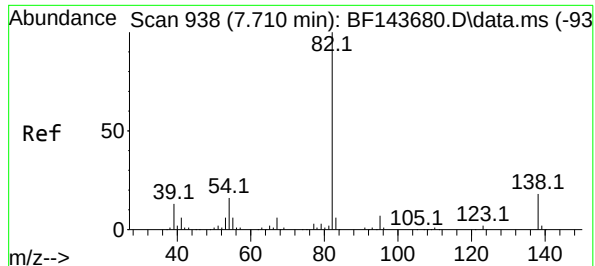
Ion Ratio Lower Upper

77 100

123 50.2 37.4 56.0

65 14.1 11.6 17.4





#25

Isophorone

Concen: 50.022 ng

RT: 7.716 min Scan# 938

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

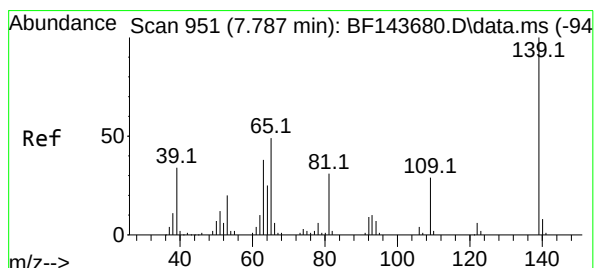
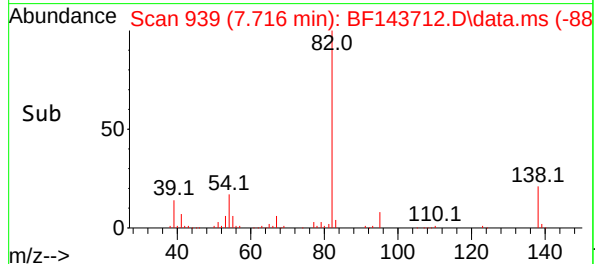
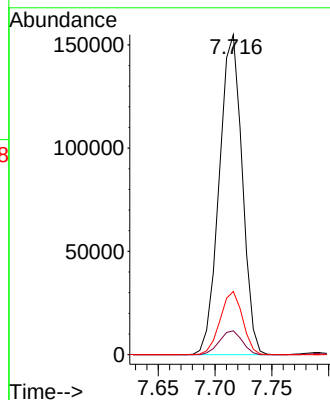
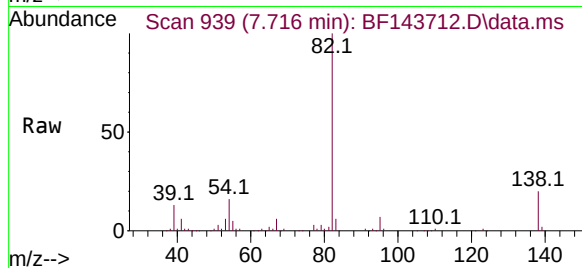
Tgt Ion: 82 Resp: 217476

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 19.7 14.8 22.2



#26

2-Nitrophenol

Concen: 53.366 ng

RT: 7.793 min Scan# 952

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

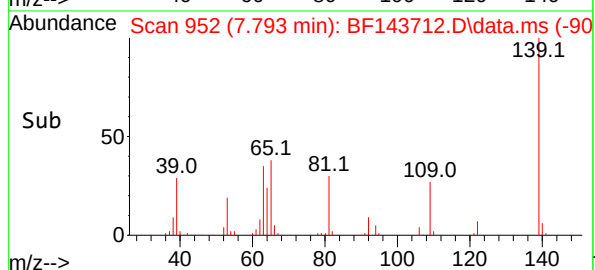
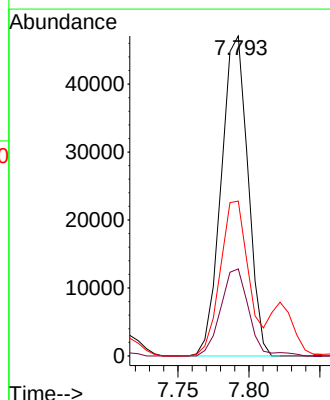
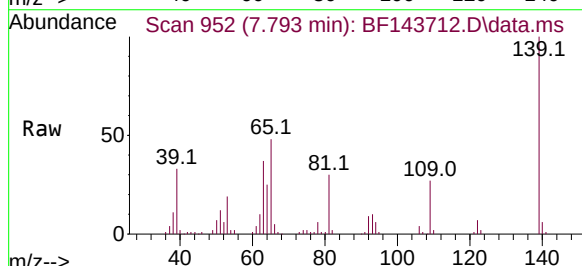
Tgt Ion:139 Resp: 61685

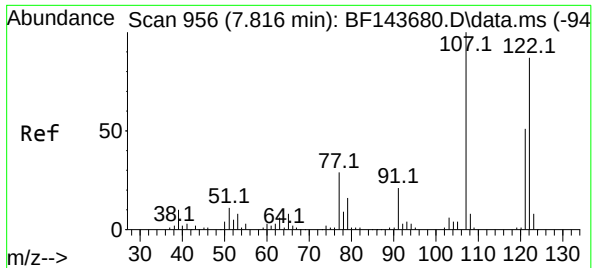
Ion Ratio Lower Upper

139 100

109 27.2 22.8 34.2

65 48.4 39.2 58.8

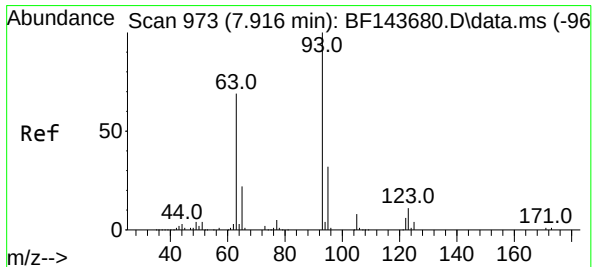
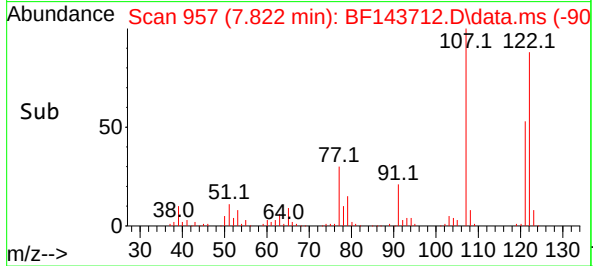
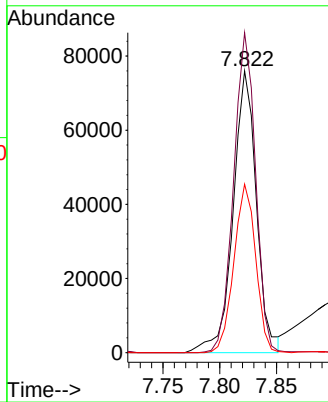
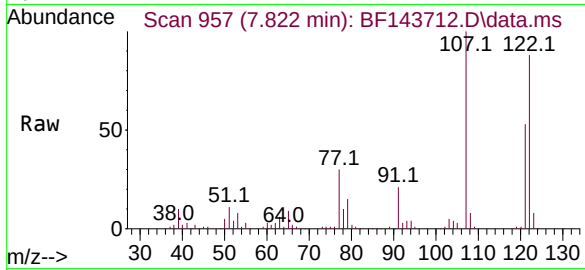




#27
2,4-Dimethylphenol
Concen: 52.235 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

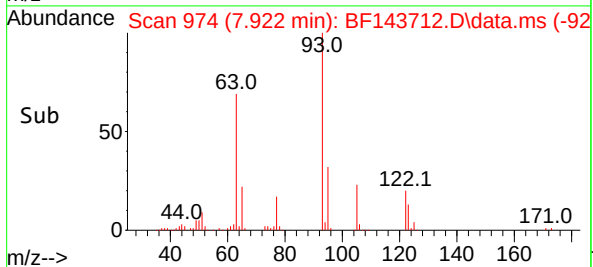
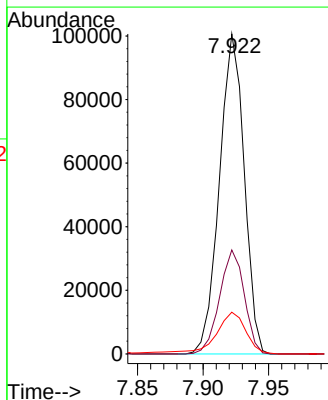
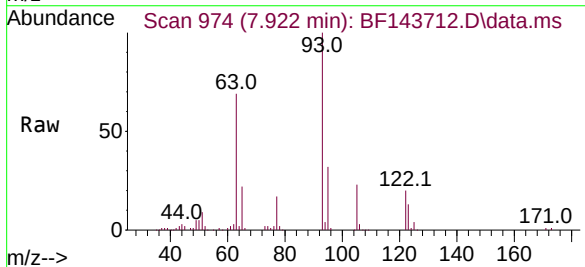
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

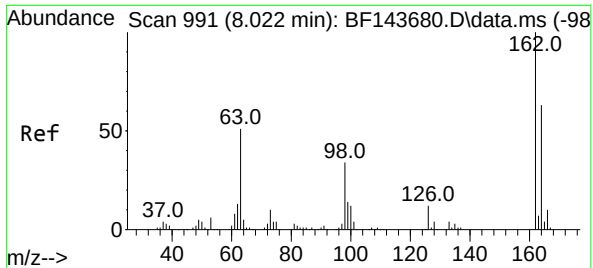
Tgt Ion:122 Resp: 108390
Ion Ratio Lower Upper
122 100
107 113.6 92.1 138.1
121 59.8 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 49.615 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion: 93 Resp: 132560
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 13.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.539 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

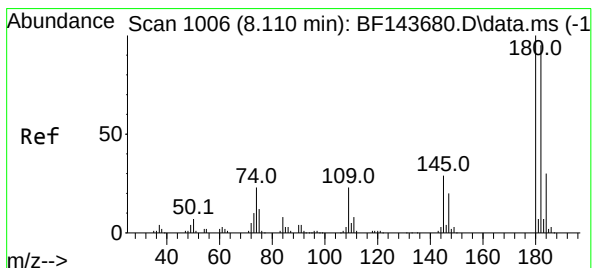
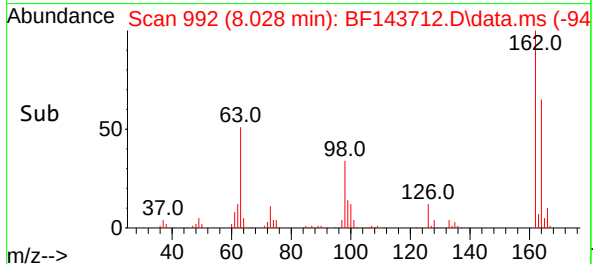
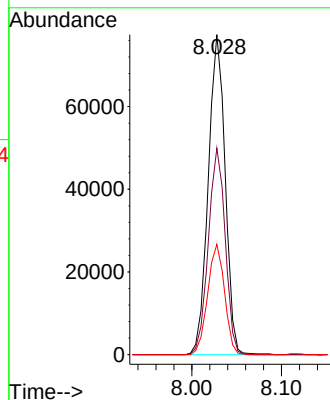
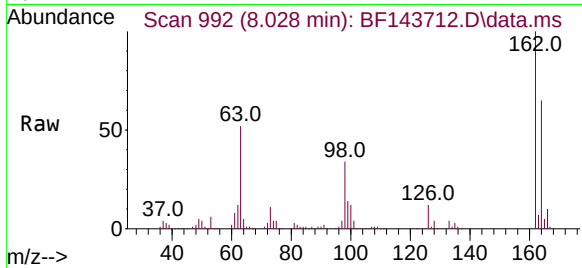
Tgt Ion:162 Resp: 101318

Ion Ratio Lower Upper

162 100

164 64.5 43.0 83.0

98 34.5 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 51.726 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

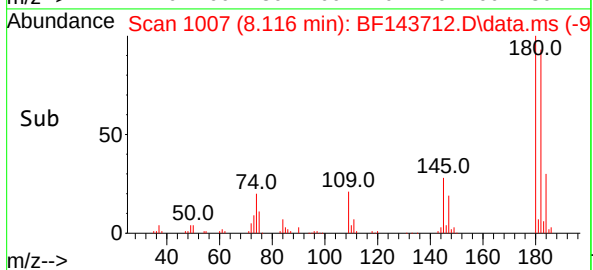
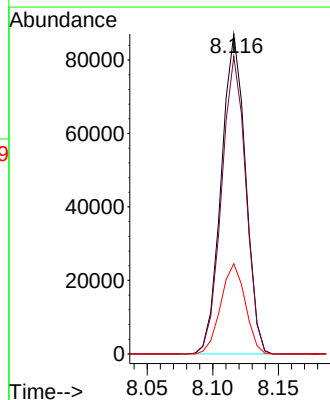
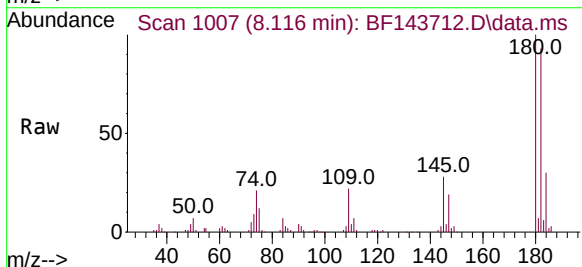
Tgt Ion:180 Resp: 111857

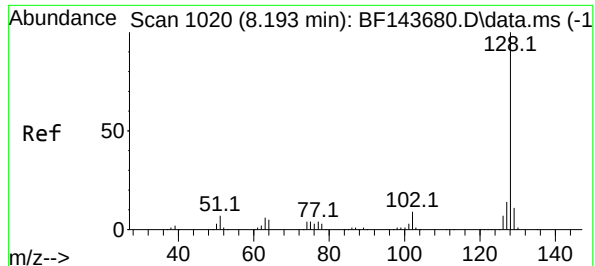
Ion Ratio Lower Upper

180 100

182 93.0 76.2 114.4

145 28.2 23.2 34.8





#31

Naphthalene

Concen: 49.103 ng

RT: 8.198 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

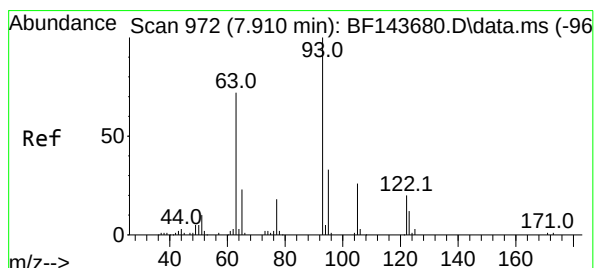
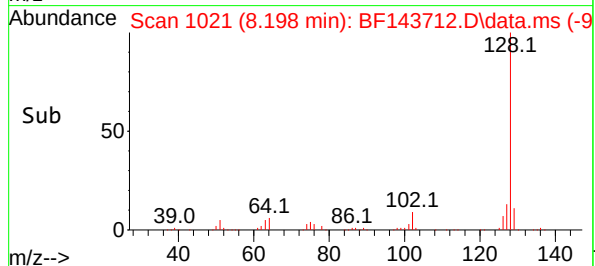
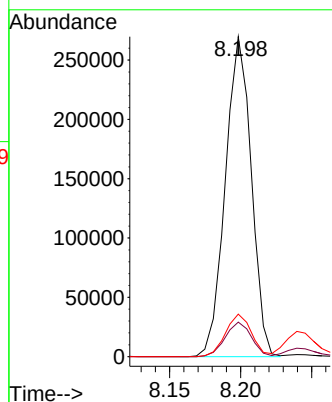
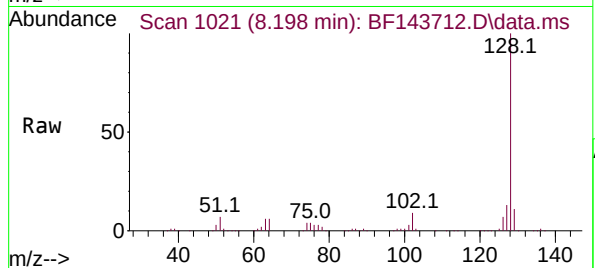
Tgt Ion:128 Resp: 342800

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 13.3 10.9 16.3



#32

Benzoic acid

Concen: 59.205 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.018 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

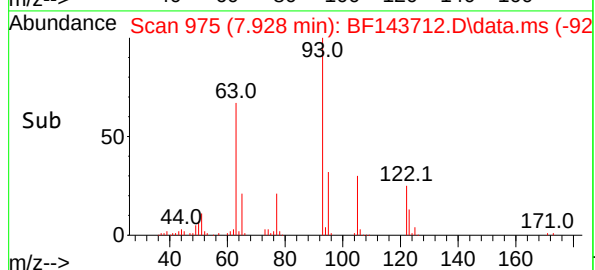
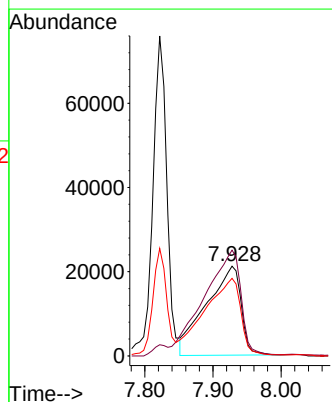
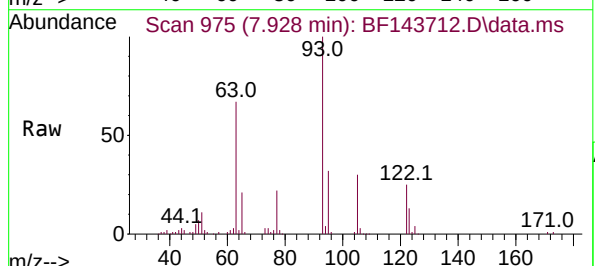
Tgt Ion:122 Resp: 74952

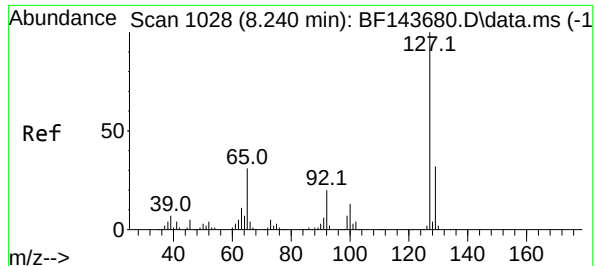
Ion Ratio Lower Upper

122 100

105 117.9 105.2 145.2

77 86.5 72.0 112.0





#33

4-Chloroaniline

Concen: 12.650 ng

RT: 8.240 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

Tgt Ion:127 Resp: 30744

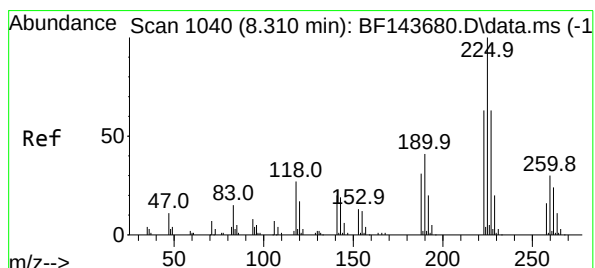
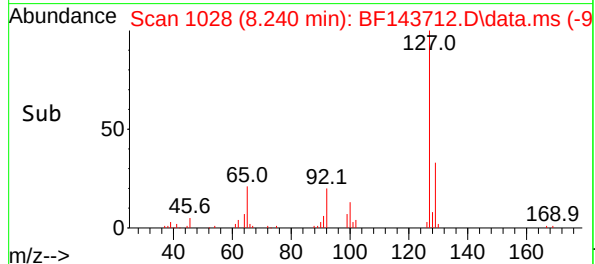
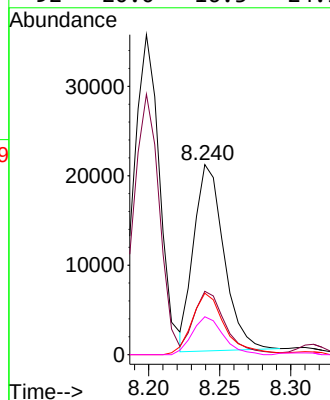
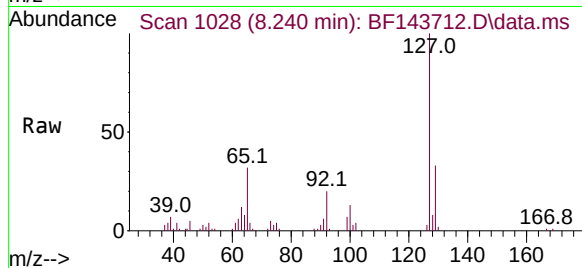
Ion Ratio Lower Upper

127 100

129 33.3 26.0 39.0

65 32.3 24.6 36.8

92 20.0 16.3 24.5



#34

Hexachlorobutadiene

Concen: 47.685 ng

RT: 8.316 min Scan# 1041

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

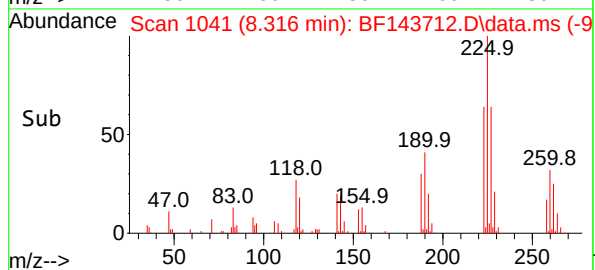
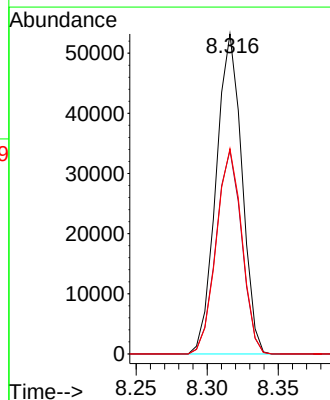
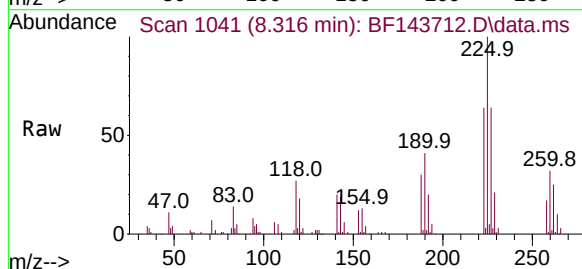
Tgt Ion:225 Resp: 67259

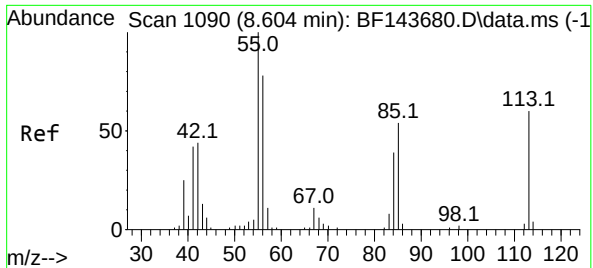
Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

227 64.1 50.8 76.2





#35

Caprolactam

Concen: 47.371 ng

RT: 8.610 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

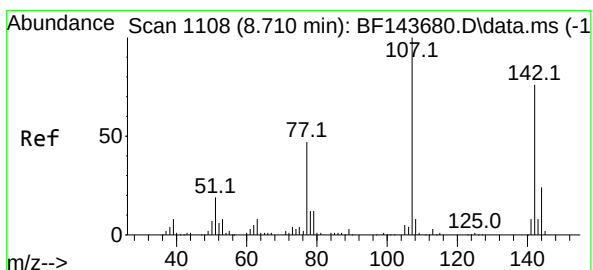
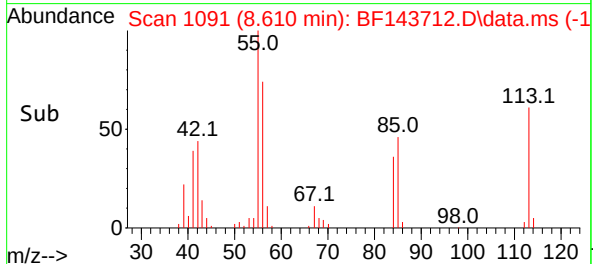
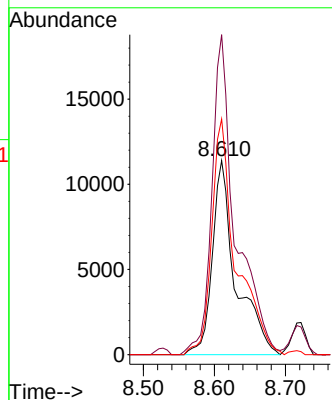
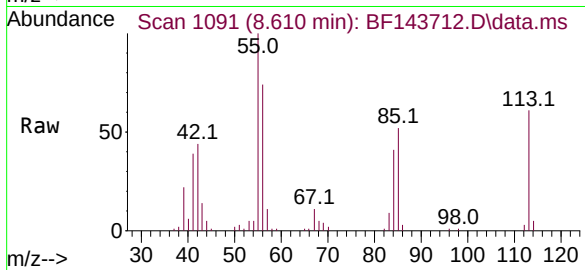
Tgt Ion:113 Resp: 26317

Ion Ratio Lower Upper

113 100

55 164.9 148.9 188.9

56 121.4 112.8 152.8



#36

4-Chloro-3-methylphenol

Concen: 48.130 ng

RT: 8.722 min Scan# 1110

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

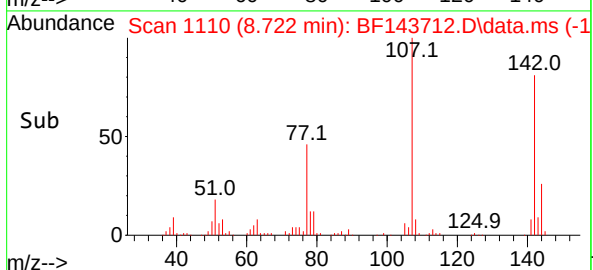
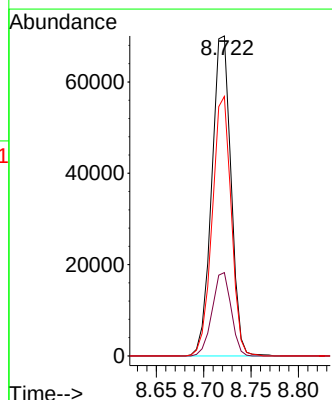
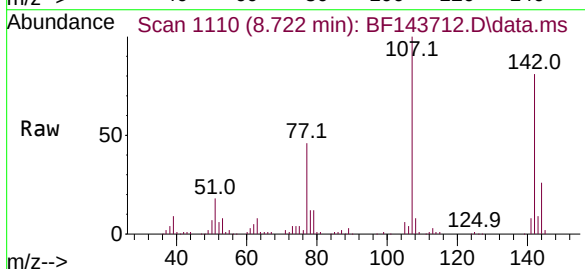
Tgt Ion:107 Resp: 99059

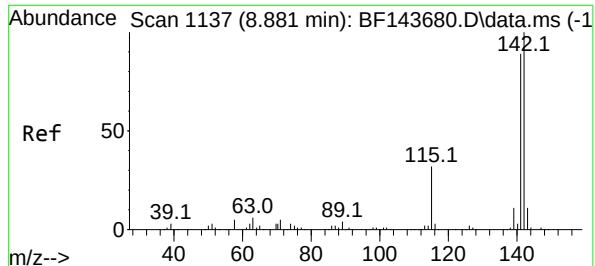
Ion Ratio Lower Upper

107 100

144 26.0 19.4 29.2

142 81.1 60.6 91.0

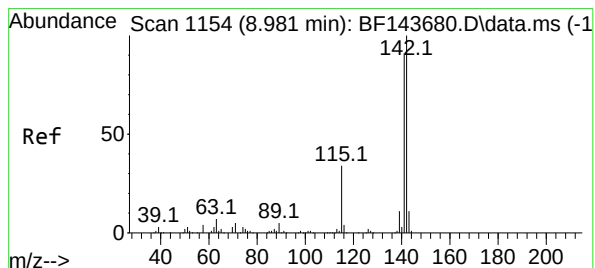
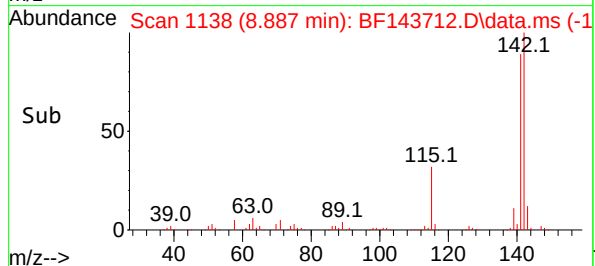
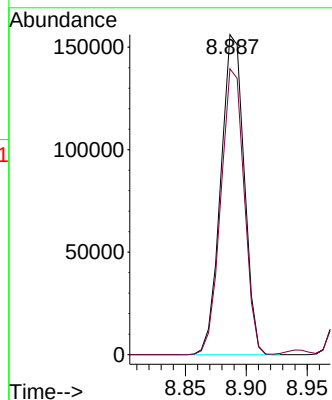
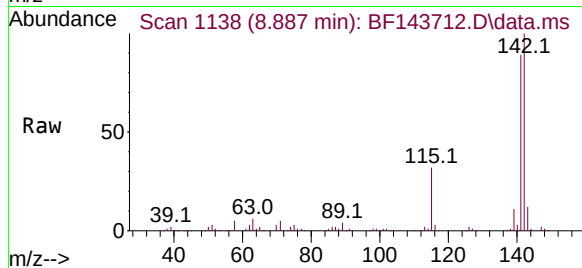




#37
2-Methylnaphthalene
Concen: 43.638 ng
RT: 8.887 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

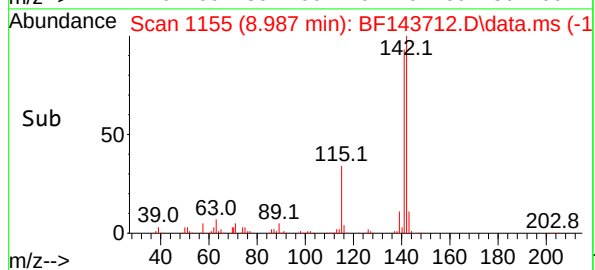
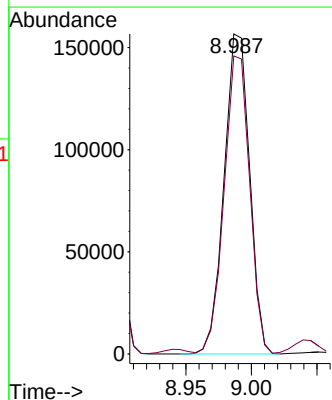
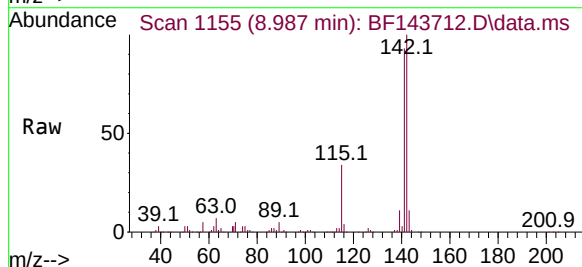
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

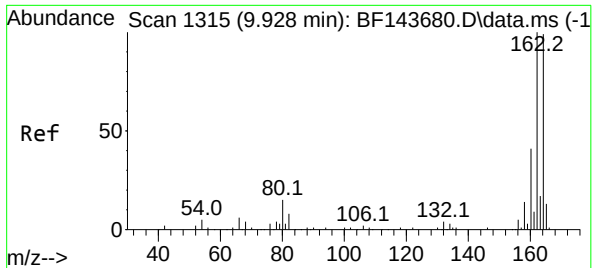
Tgt Ion:142 Resp: 208542
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7



#38
1-Methylnaphthalene
Concen: 46.291 ng
RT: 8.987 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:142 Resp: 212303
Ion Ratio Lower Upper
142 100
141 93.1 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF143712.D

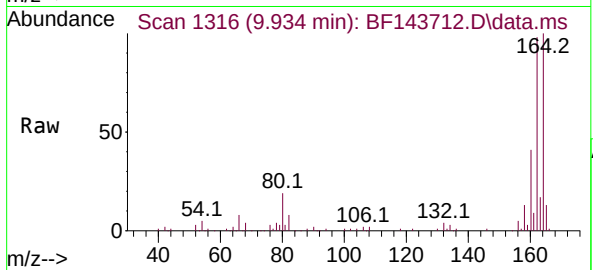
Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS



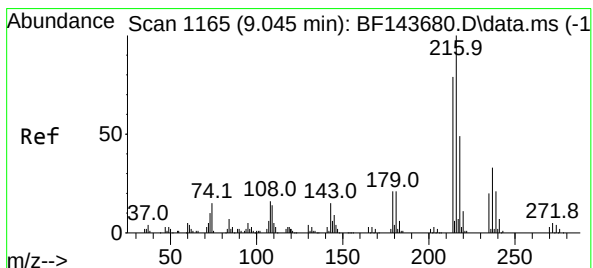
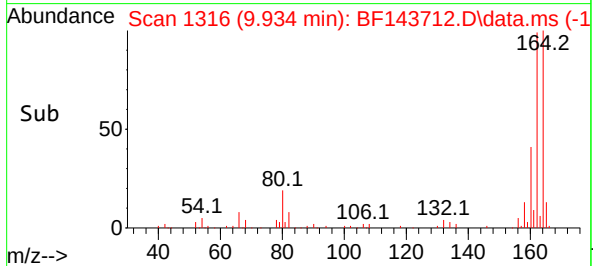
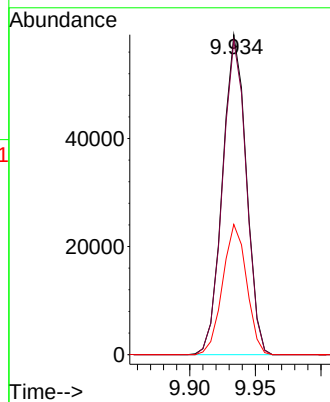
Tgt Ion:164 Resp: 74973

Ion Ratio Lower Upper

164 100

162 98.2 80.6 121.0

160 40.7 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.856 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Tgt Ion:216 Resp: 122034

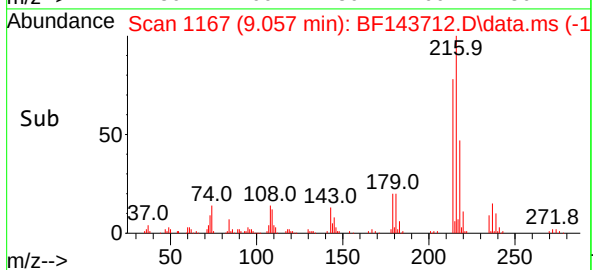
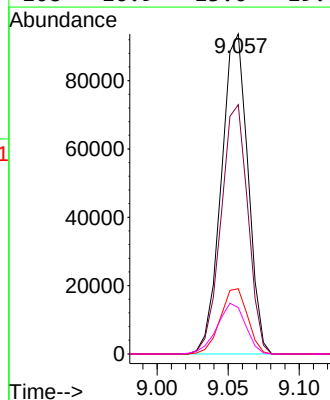
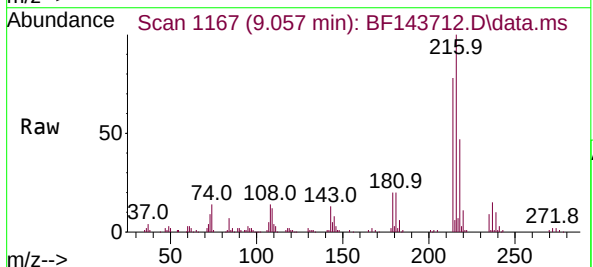
Ion Ratio Lower Upper

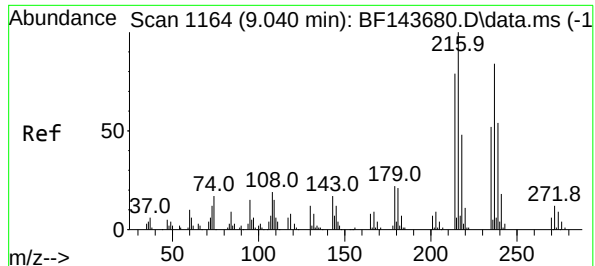
216 100

214 78.4 63.2 94.8

179 20.8 16.8 25.2

108 16.9 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 76.929 ng

RT: 9.045 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

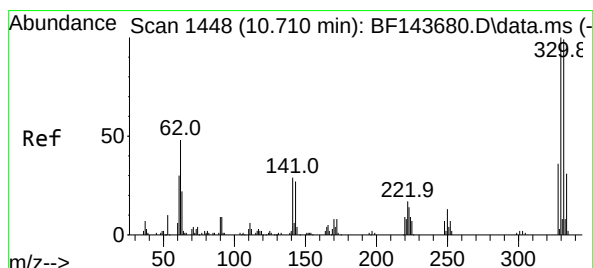
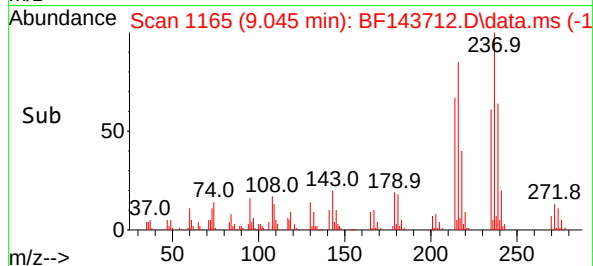
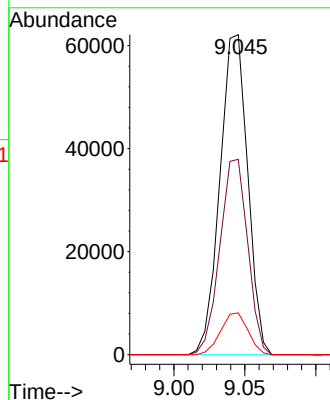
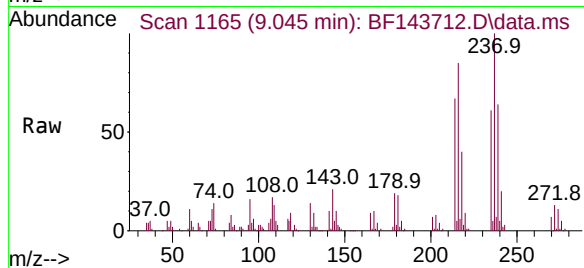
Tgt Ion:237 Resp: 84770

Ion Ratio Lower Upper

237 100

235 61.0 41.6 81.6

272 13.0 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 137.911 ng

RT: 10.722 min Scan# 1450

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

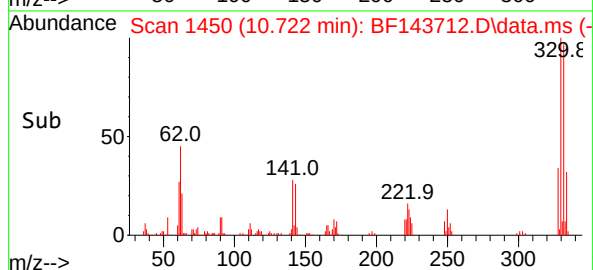
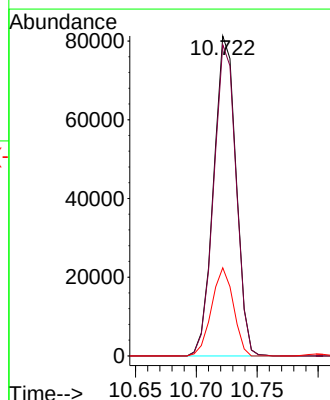
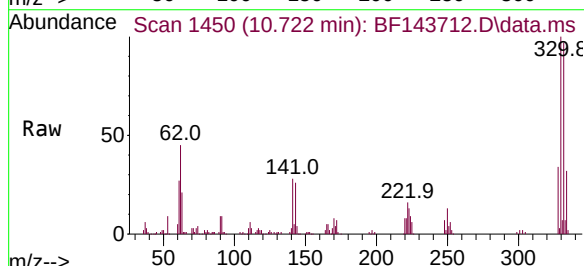
Tgt Ion:330 Resp: 104200

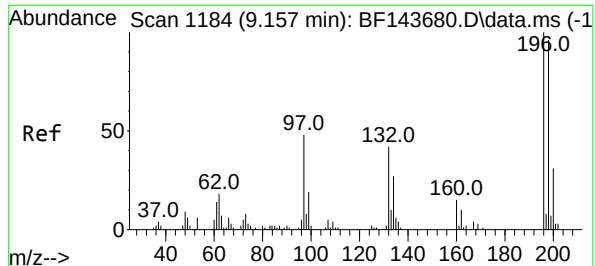
Ion Ratio Lower Upper

330 100

332 97.2 79.2 118.8

141 26.8 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 51.952 ng

RT: 9.163 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

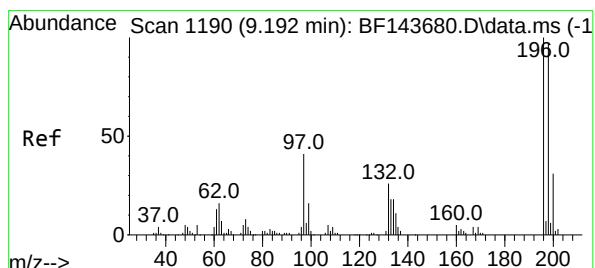
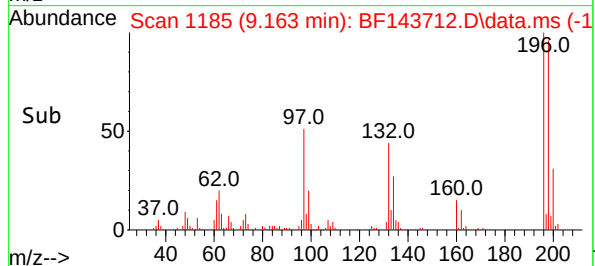
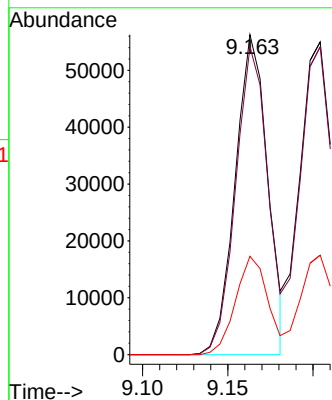
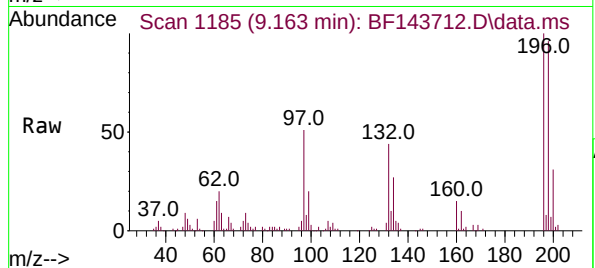
Tgt Ion:196 Resp: 74458

Ion Ratio Lower Upper

196 100

198 96.2 76.5 114.7

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 50.544 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Tgt Ion:196 Resp: 73644

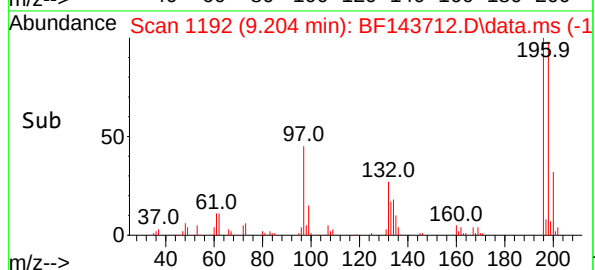
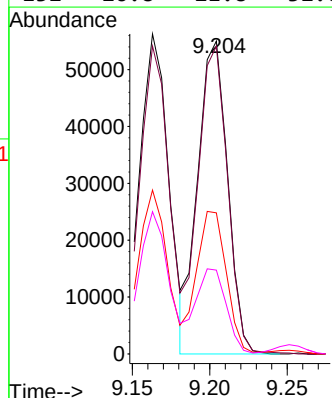
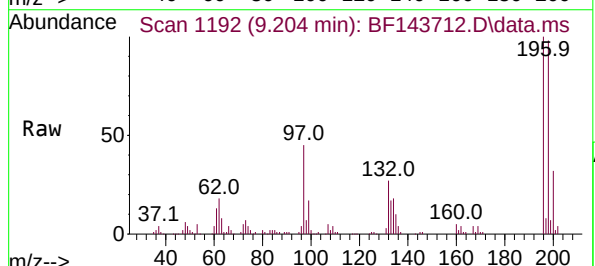
Ion Ratio Lower Upper

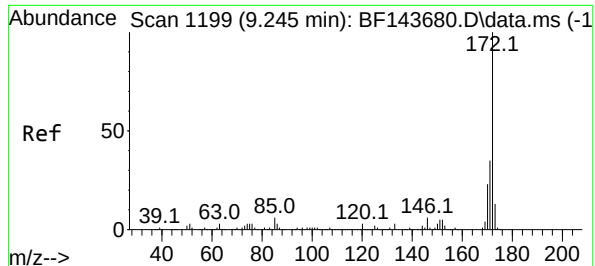
196 100

198 98.4 77.0 115.6

97 45.1 34.2 51.4

132 26.8 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 102.001 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

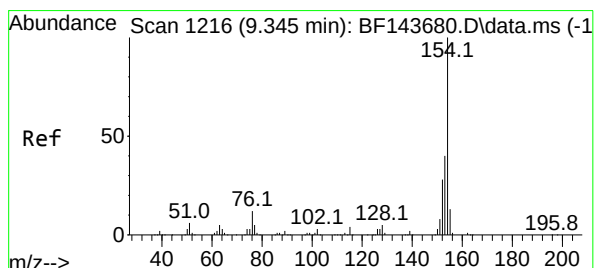
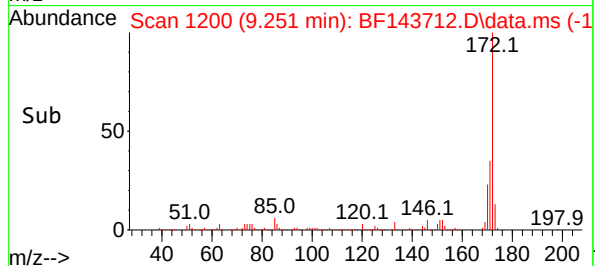
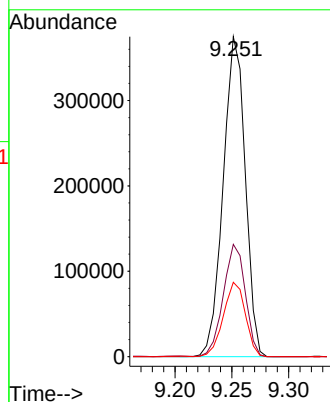
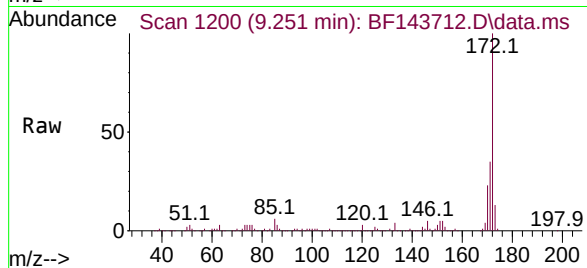
Tgt Ion:172 Resp: 506239

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.2 18.6 27.8



#46

1,1'-Biphenyl

Concen: 57.564 ng

RT: 9.357 min Scan# 1218

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

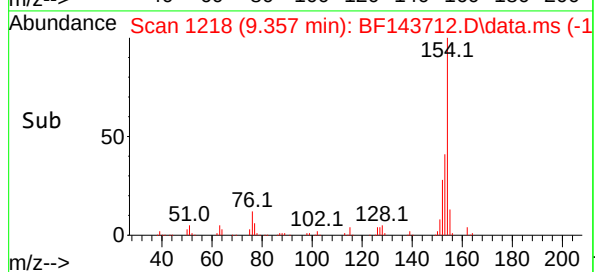
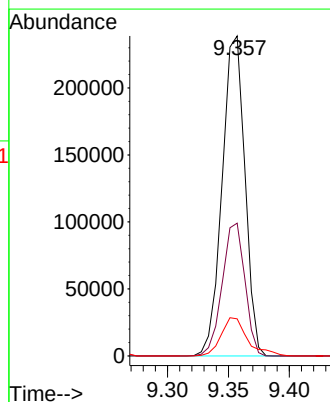
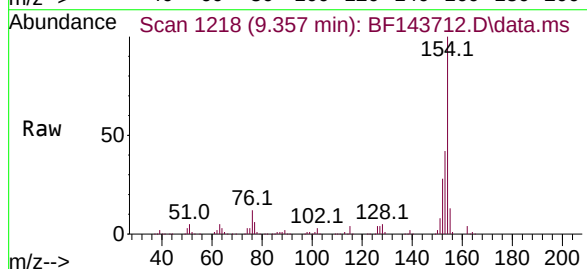
Tgt Ion:154 Resp: 310699

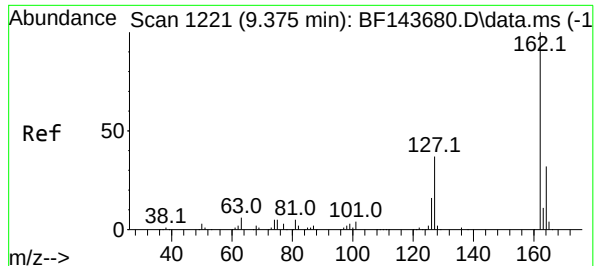
Ion Ratio Lower Upper

154 100

153 41.5 20.2 60.2

76 11.6 0.0 31.6





#47

2-Chloronaphthalene

Concen: 50.327 ng

RT: 9.381 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF143712.D

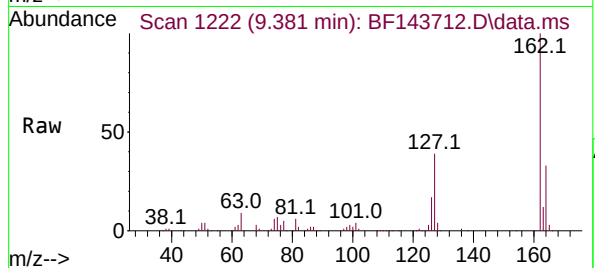
Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS



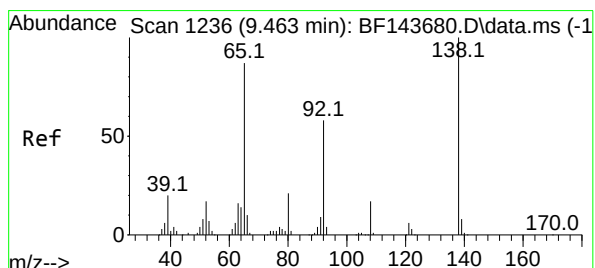
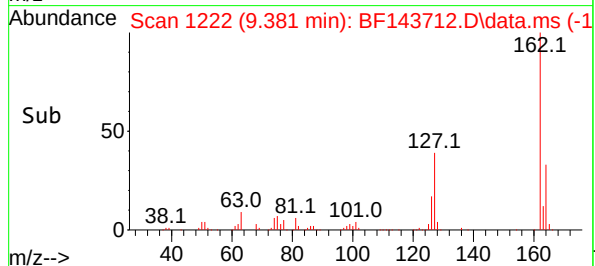
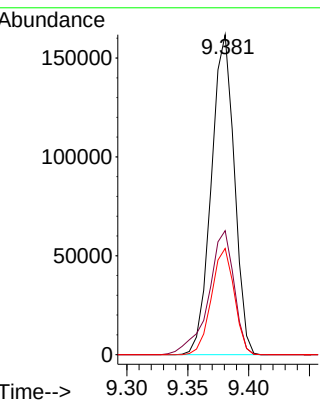
Tgt Ion:162 Resp: 212953

Ion Ratio Lower Upper

162 100

127 38.7 30.6 45.8

164 33.2 25.8 38.8



#48

2-Nitroaniline

Concen: 53.811 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

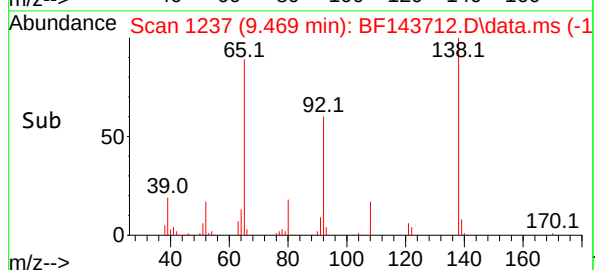
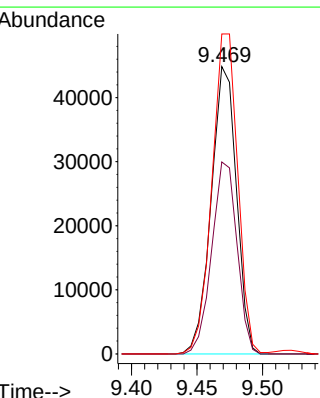
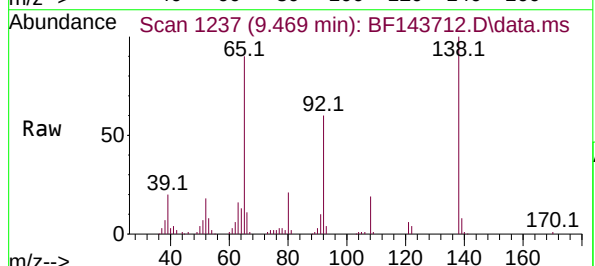
Tgt Ion: 65 Resp: 60257

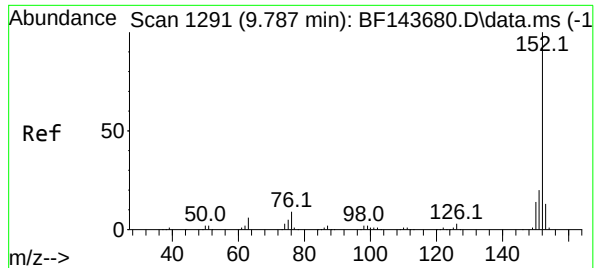
Ion Ratio Lower Upper

65 100

92 66.8 53.3 79.9

138 111.4 92.1 138.1





#49

Acenaphthylene

Concen: 57.774 ng

RT: 9.798 min Scan# 1291

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

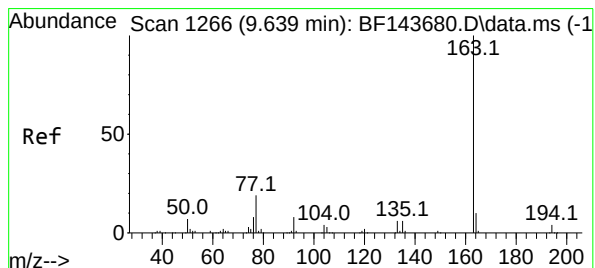
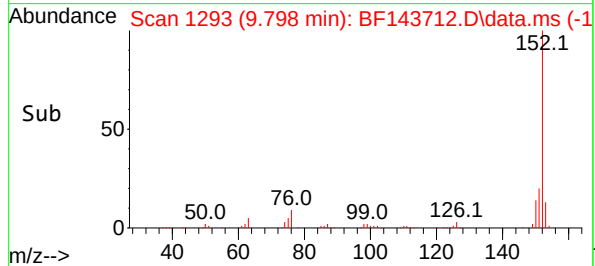
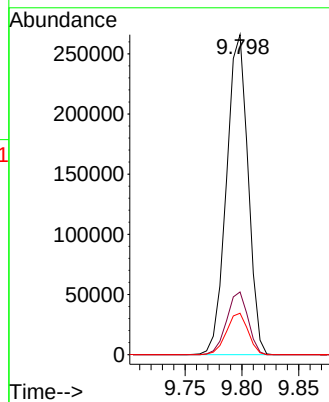
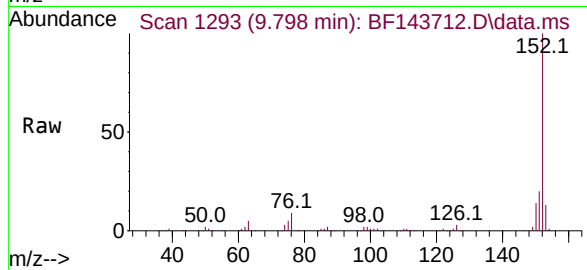
Tgt Ion:152 Resp: 350181

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 52.477 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

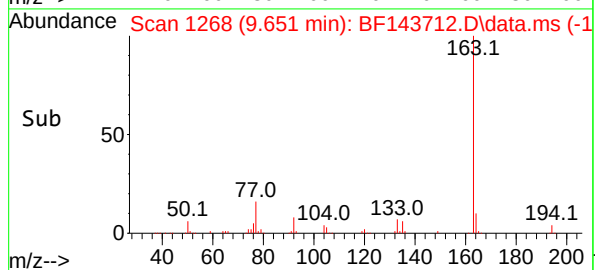
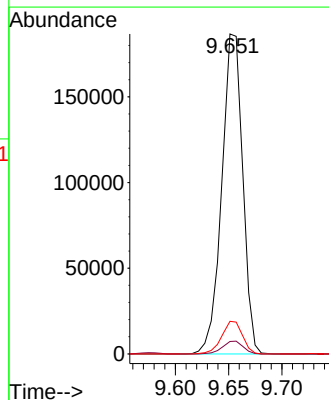
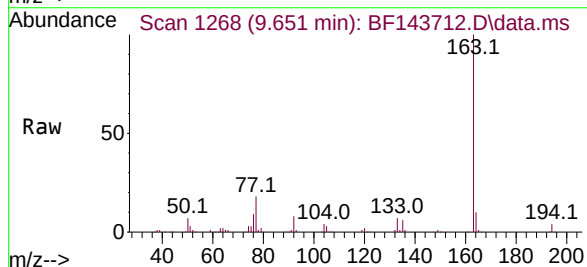
Tgt Ion:163 Resp: 255984

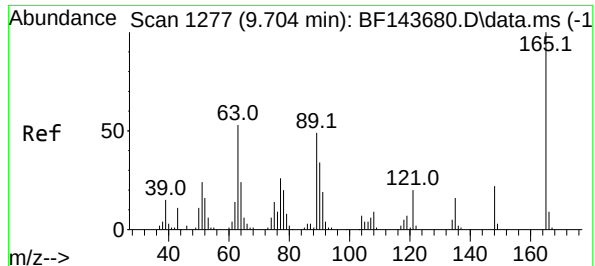
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.2 8.0 12.0

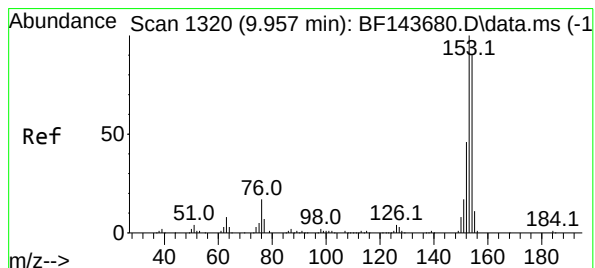
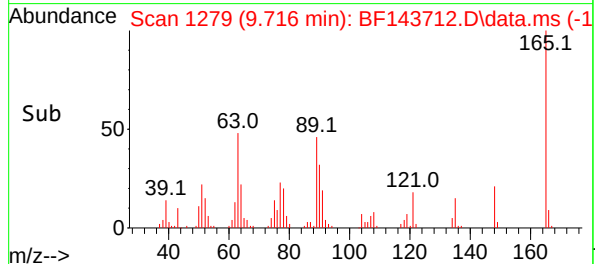
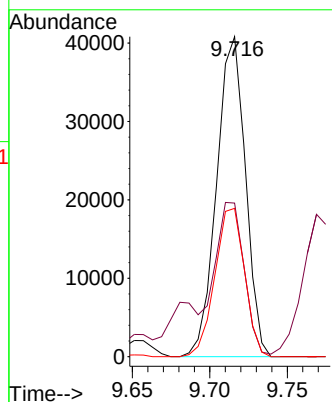
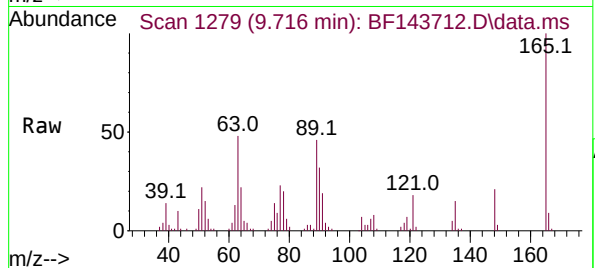




#51
2,6-Dinitrotoluene
Concen: 56.677 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

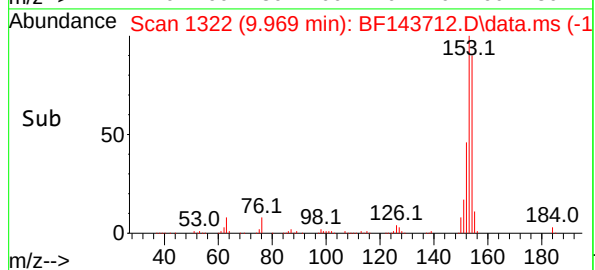
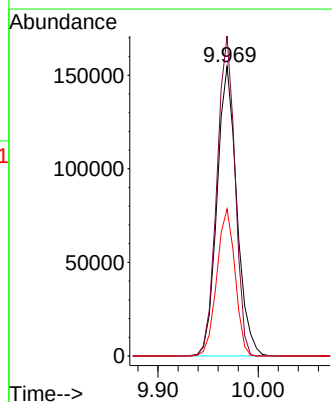
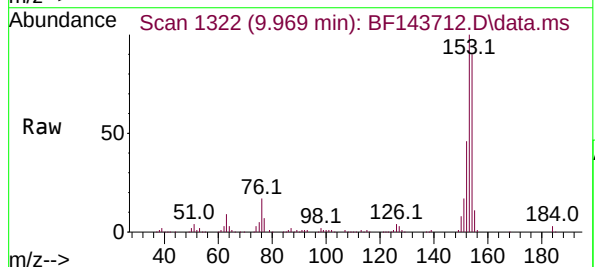
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

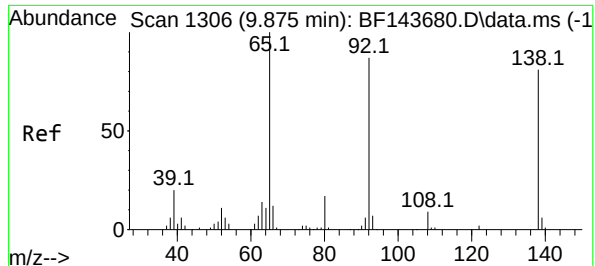
Tgt Ion:165 Resp: 52860
Ion Ratio Lower Upper
165 100
63 48.0 42.2 63.4
89 46.3 39.3 58.9



#52
Acenaphthene
Concen: 50.914 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:154 Resp: 212653
Ion Ratio Lower Upper
154 100
153 110.5 89.4 134.0
152 50.7 41.2 61.8





#53

3-Nitroaniline

Concen: 32.669 ng

RT: 9.881 min Scan# 1307

Delta R.T. 0.006 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

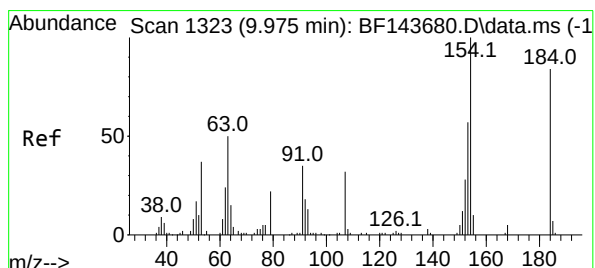
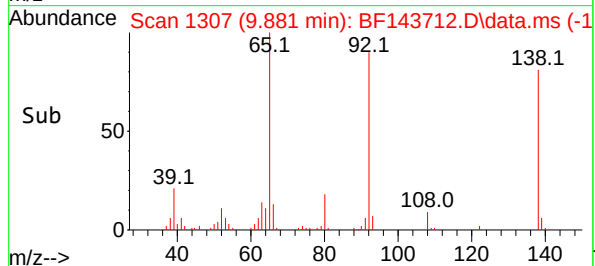
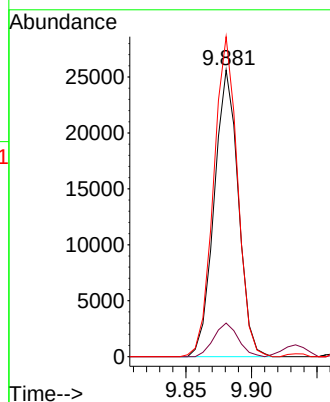
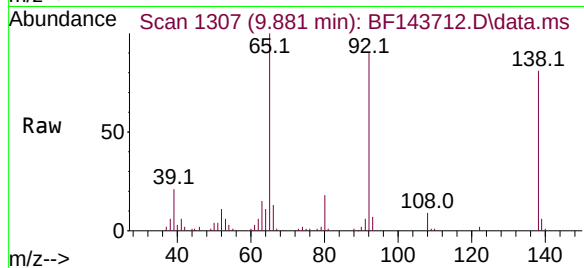
Tgt Ion:138 Resp: 32789

Ion Ratio Lower Upper

138 100

108 11.7 8.6 12.8

92 111.6 85.5 128.3



#54

2,4-Dinitrophenol

Concen: 72.015 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

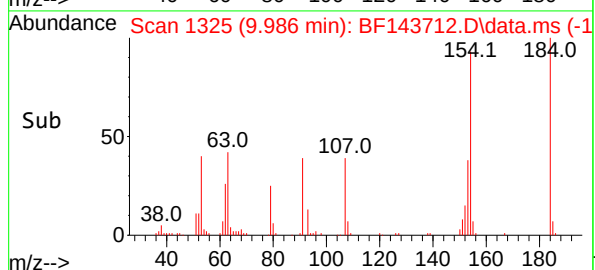
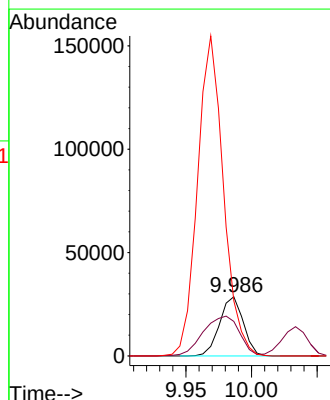
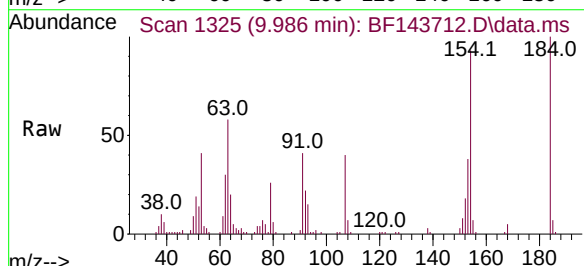
Tgt Ion:184 Resp: 35832

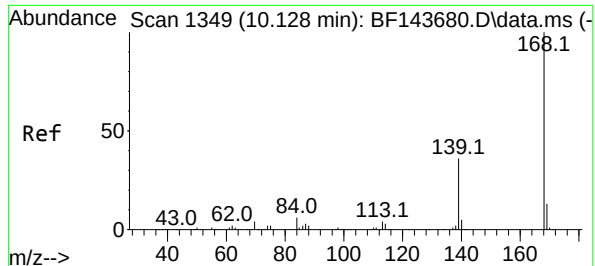
Ion Ratio Lower Upper

184 100

63 58.2 52.7 79.1

154 93.2 136.6 204.8#





#55

Dibenzofuran

Concen: 49.481 ng

RT: 10.139 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

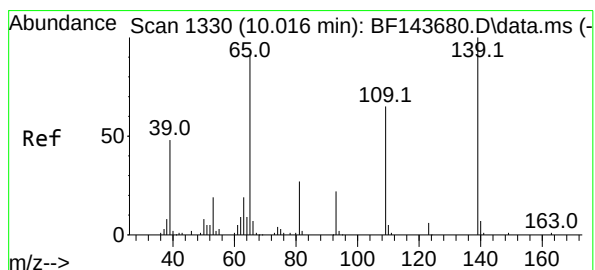
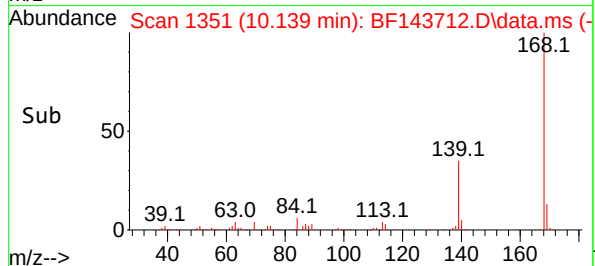
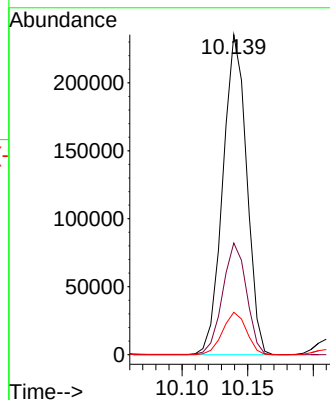
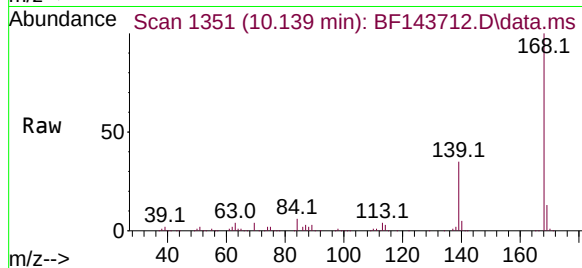
Tgt Ion:168 Resp: 297181

Ion Ratio Lower Upper

168 100

139 34.9 29.0 43.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 91.744 ng

RT: 10.034 min Scan# 1333

Delta R.T. 0.018 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

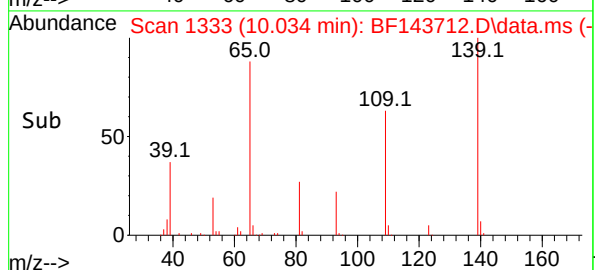
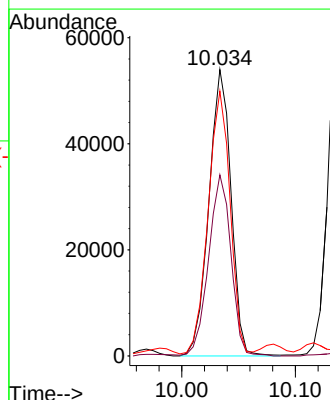
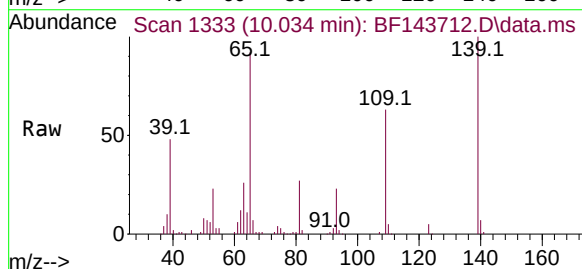
Tgt Ion:139 Resp: 73258

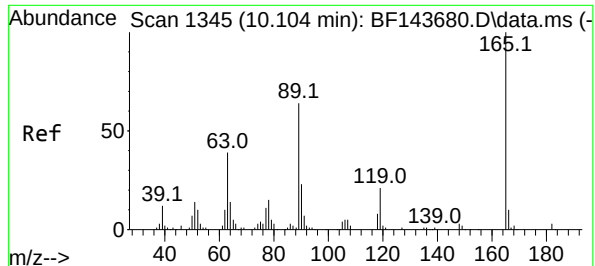
Ion Ratio Lower Upper

139 100

109 63.2 45.2 85.2

65 92.4 72.1 112.1

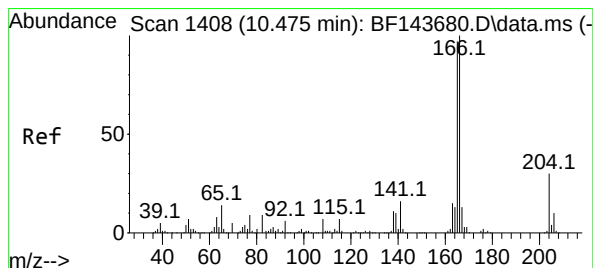
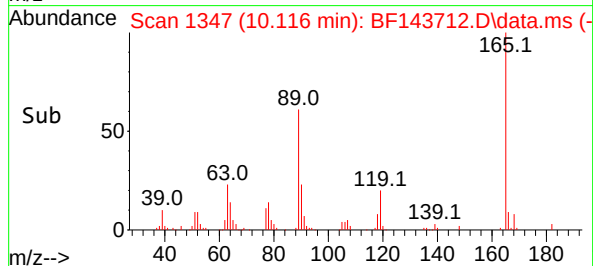
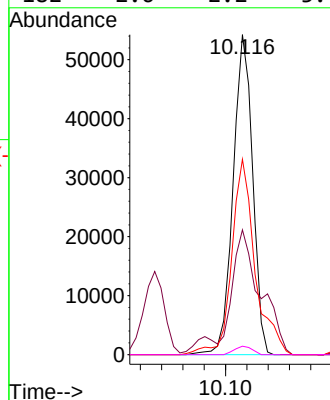
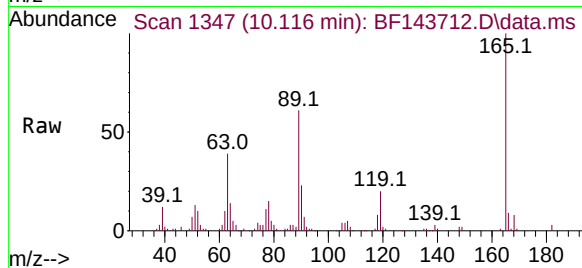




#57
2,4-Dinitrotoluene
Concen: 54.228 ng
RT: 10.116 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

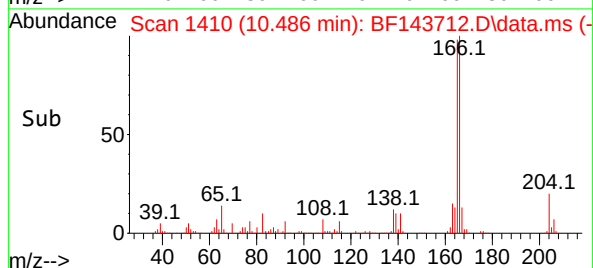
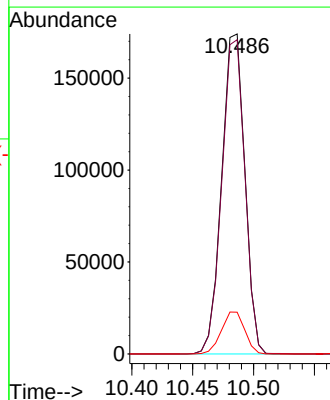
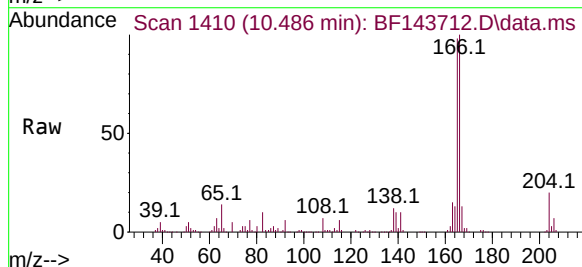
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

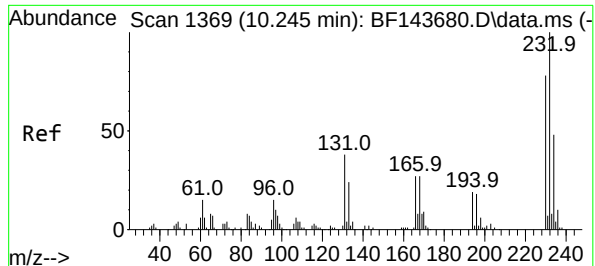
Tgt Ion:165 Resp: 68835
Ion Ratio Lower Upper
165 100
63 39.0 31.5 47.3
89 61.0 51.3 76.9
182 2.6 2.2 3.4



#58
Fluorene
Concen: 48.834 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:166 Resp: 229583
Ion Ratio Lower Upper
166 100
165 98.2 77.5 116.3
167 13.1 10.2 15.2

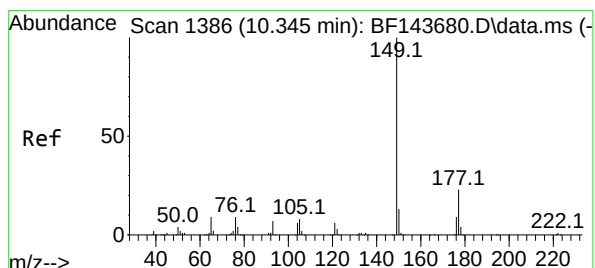
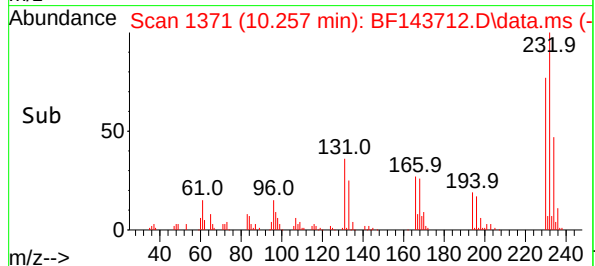
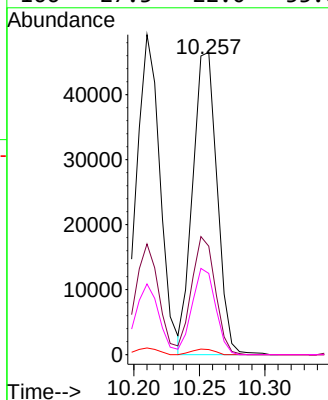
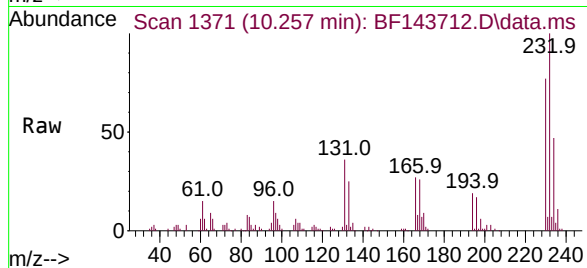




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.846 ng
RT: 10.257 min Scan# 1371
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

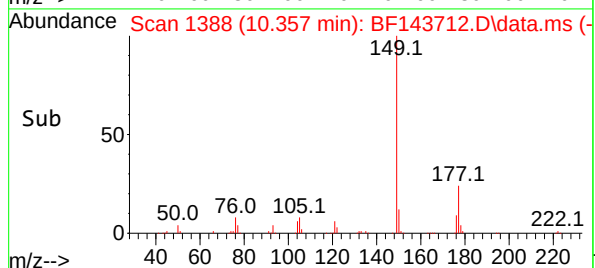
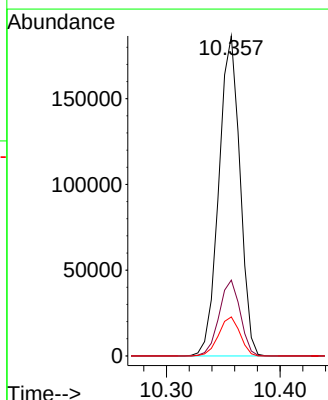
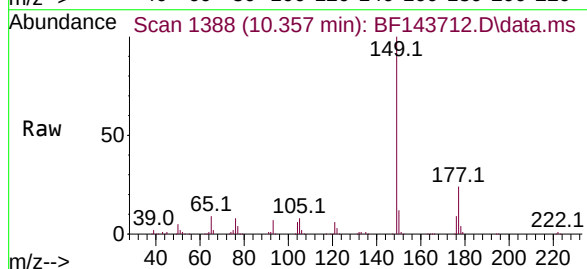
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

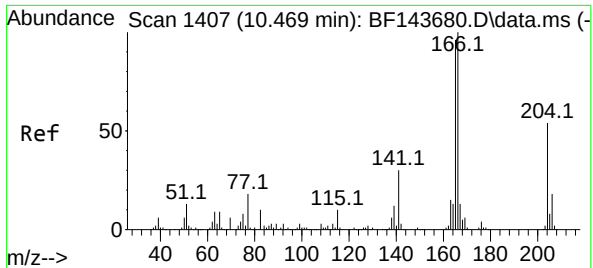
Tgt Ion:232 Resp: 60071
Ion Ratio Lower Upper
232 100
131 37.8 31.9 47.9
130 1.7 1.4 2.0
166 27.3 22.0 33.0



#60
Diethylphthalate
Concen: 52.388 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:149 Resp: 239914
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.2
150 12.2 10.0 15.0

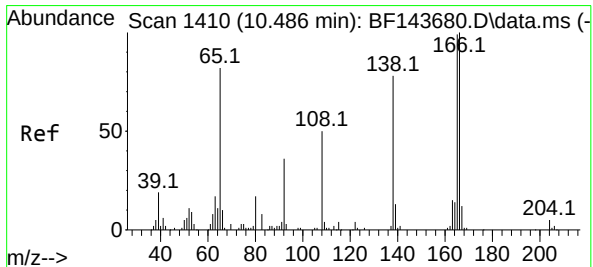
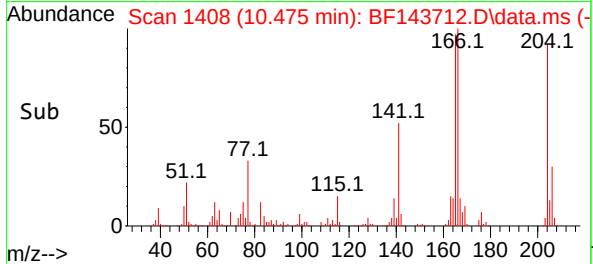
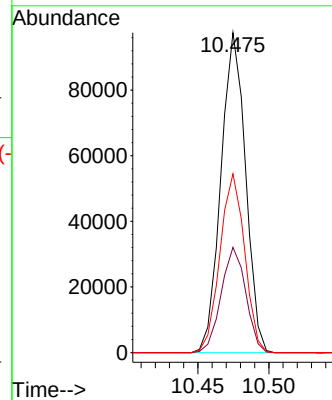
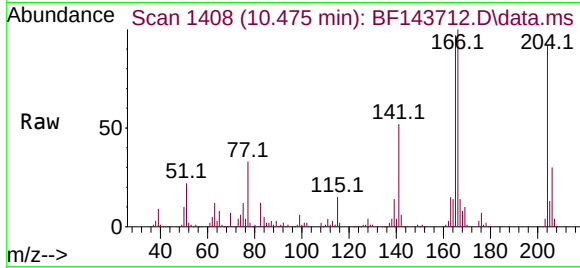




#61
4-Chlorophenyl-phenylether
Concen: 49.318 ng
RT: 10.475 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

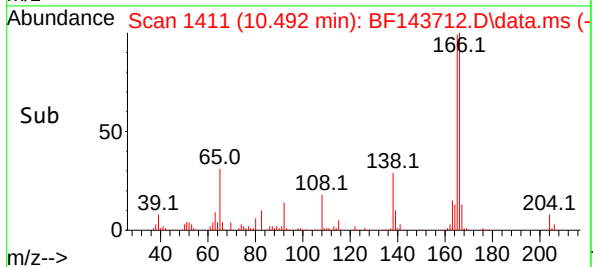
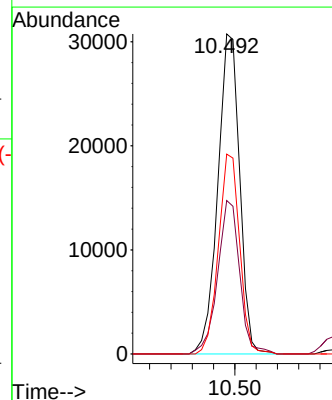
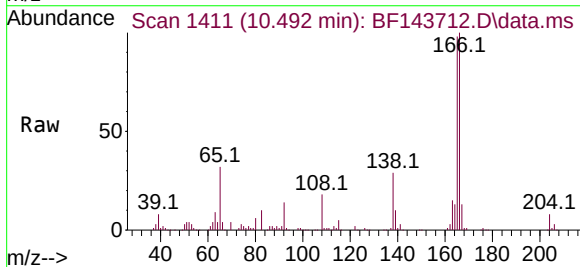
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

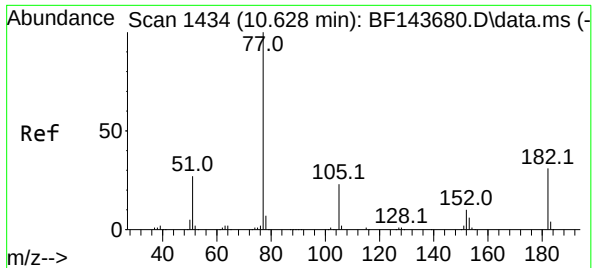
Tgt Ion:204 Resp: 117589
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 55.9 44.8 67.2



#62
4-Nitroaniline
Concen: 46.108 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:138 Resp: 43831
Ion Ratio Lower Upper
138 100
92 47.9 26.4 66.4
108 62.4 44.3 84.3

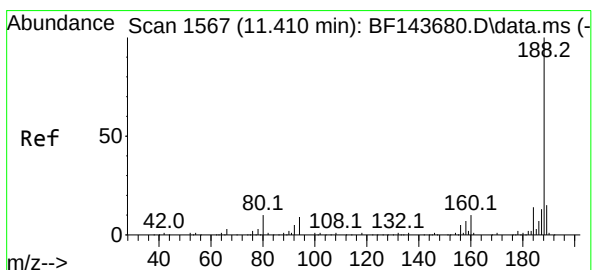
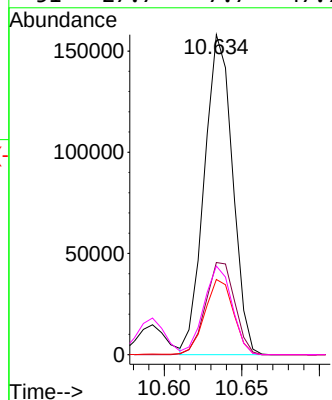
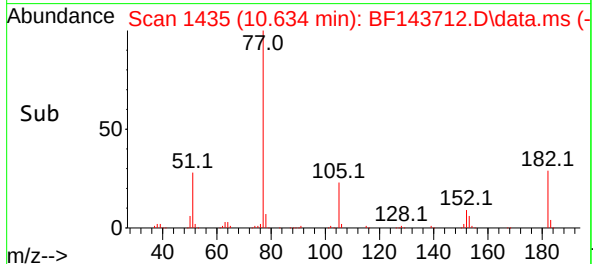
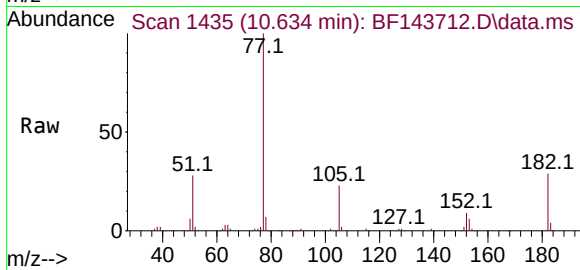




#63
Azobenzene
Concen: 49.554 ng
RT: 10.634 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

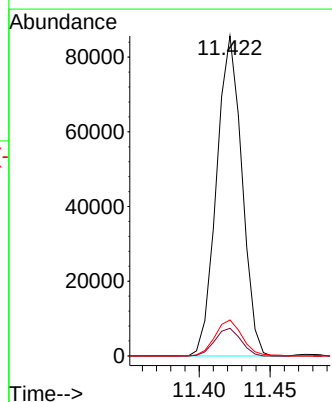
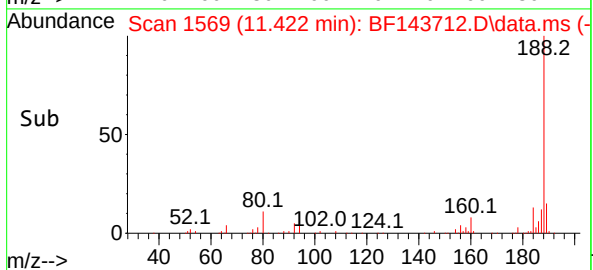
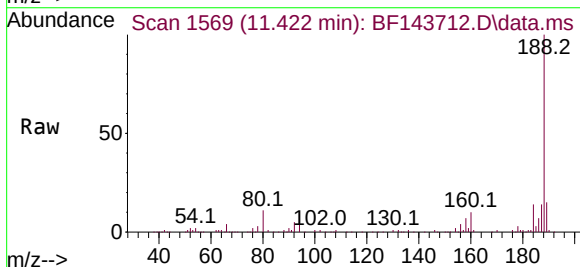
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

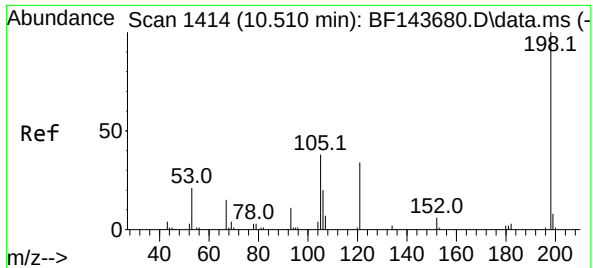
Tgt Ion: 77	Resp: 200625
Ion Ratio	Lower Upper
77 100	
182 28.8	10.8 50.8
105 23.5	3.2 43.2
51 27.7	7.7 47.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:188	Resp: 106474
Ion Ratio	Lower Upper
188 100	
94 8.6	7.4 11.0
80 11.2	7.7 11.5

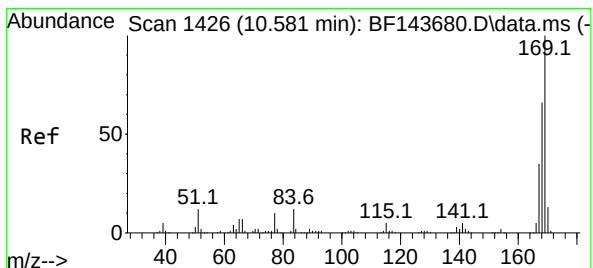
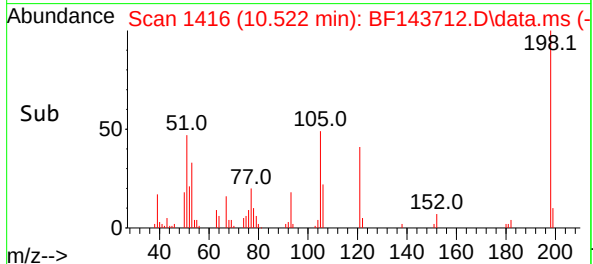
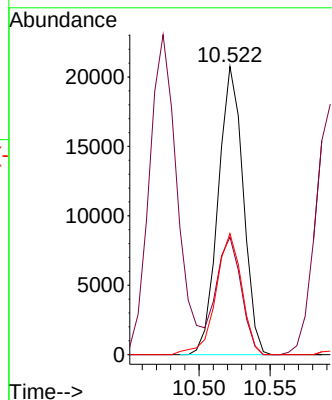
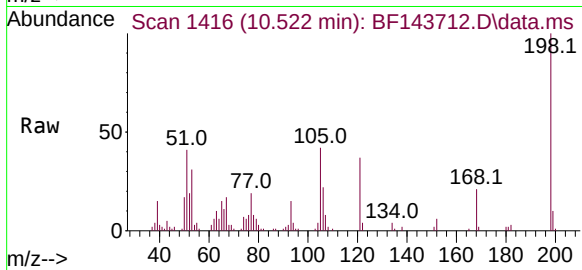




#65
4,6-Dinitro-2-methylphenol
Concen: 46.953 ng
RT: 10.522 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

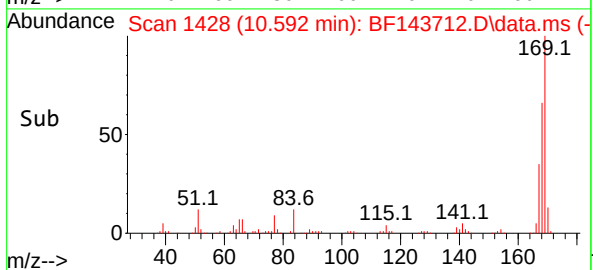
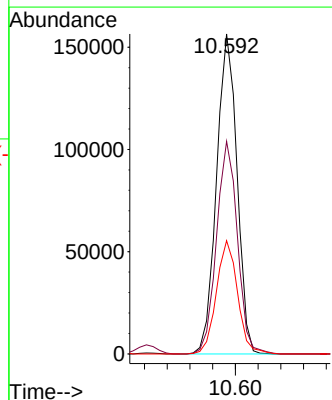
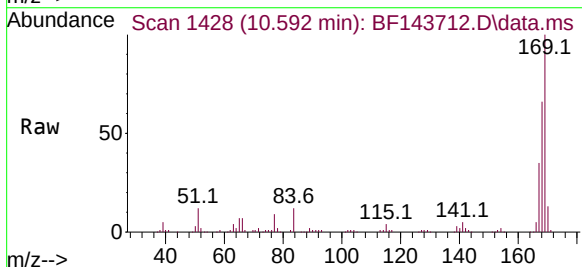
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

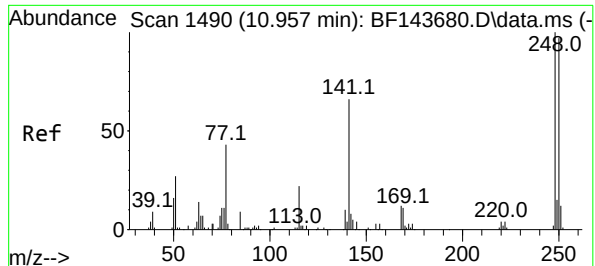
Tgt Ion:198 Resp: 25453
Ion Ratio Lower Upper
198 100
51 40.8 21.2 61.2
105 42.0 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 56.054 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:169 Resp: 195522
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 35.4 28.1 42.1

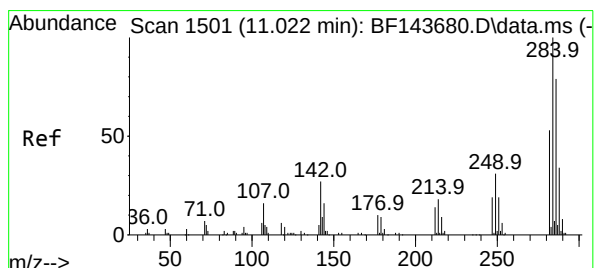
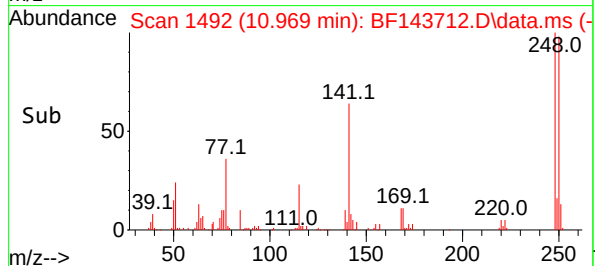
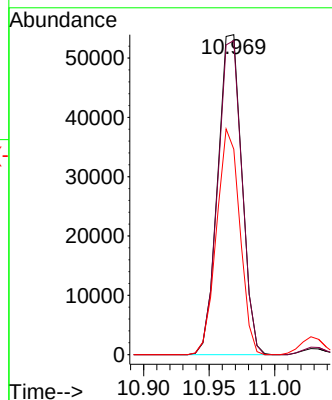
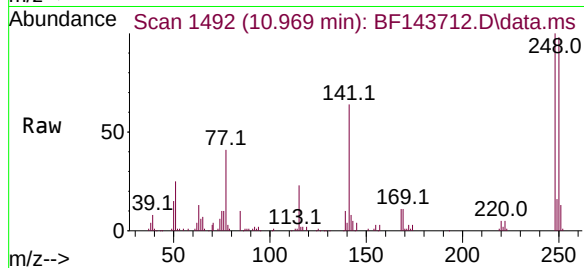




#67
4-Bromophenyl-phenylether
Concen: 53.881 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

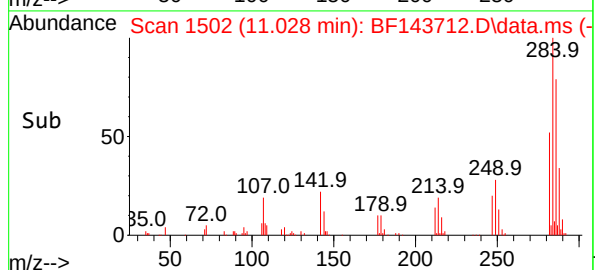
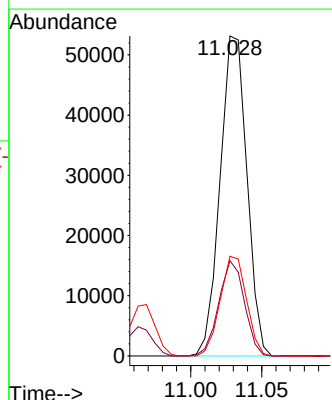
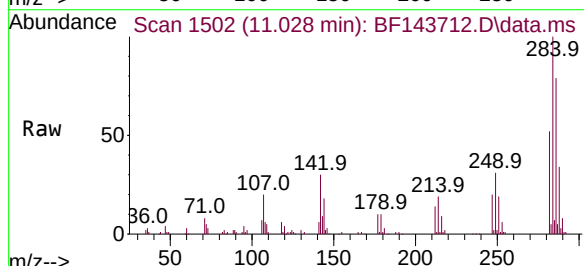
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

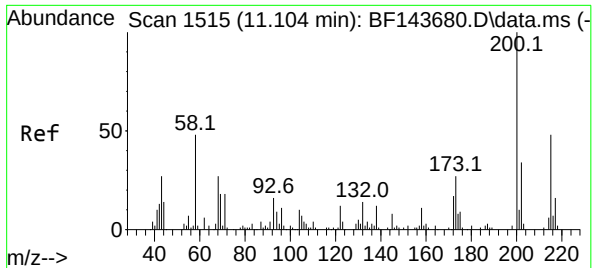
Tgt Ion:248 Resp: 69182
Ion Ratio Lower Upper
248 100
250 98.1 77.5 116.3
141 64.2 52.6 79.0



#68
Hexachlorobenzene
Concen: 51.616 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:284 Resp: 69978
Ion Ratio Lower Upper
284 100
142 29.8 21.3 31.9
249 31.2 25.0 37.4





#69

Atrazine

Concen: 56.969 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

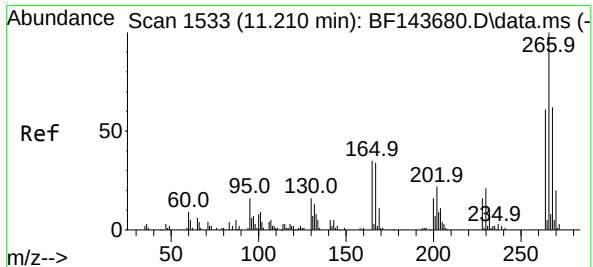
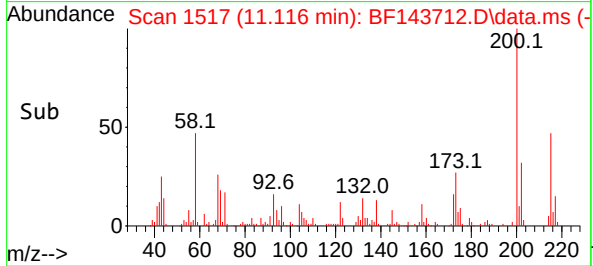
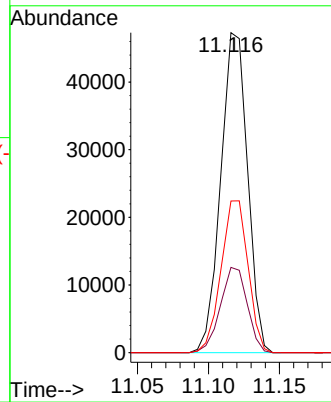
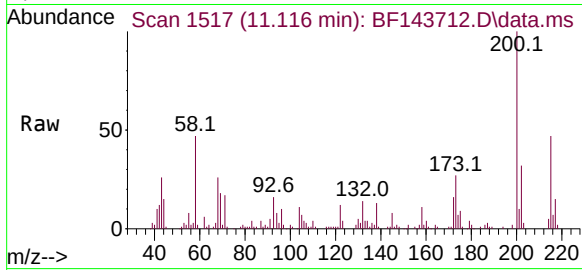
Tgt Ion:200 Resp: 62305

Ion Ratio Lower Upper

200 100

173 26.6 7.3 47.3

215 47.4 28.5 68.5



#70

Pentachlorophenol

Concen: 107.992 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

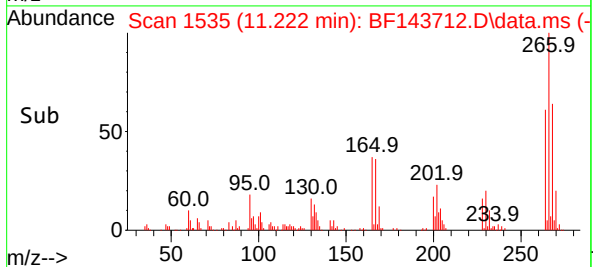
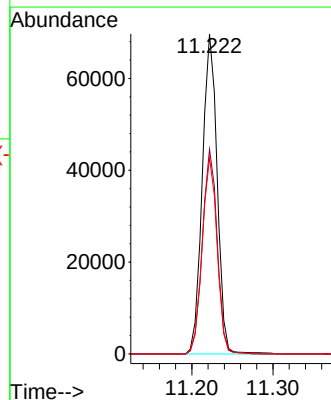
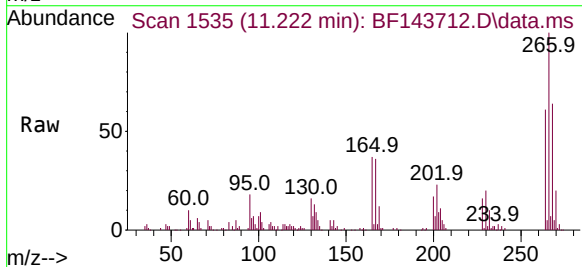
Tgt Ion:266 Resp: 88506

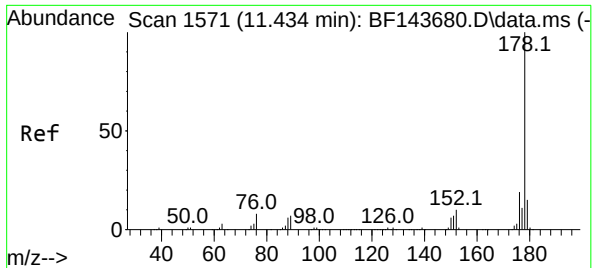
Ion Ratio Lower Upper

266 100

268 63.9 49.2 73.8

264 61.3 48.6 73.0





#71

Phenanthrene

Concen: 51.054 ng

RT: 11.445 min Scan# 1571

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

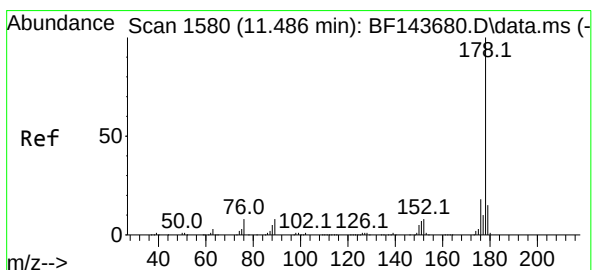
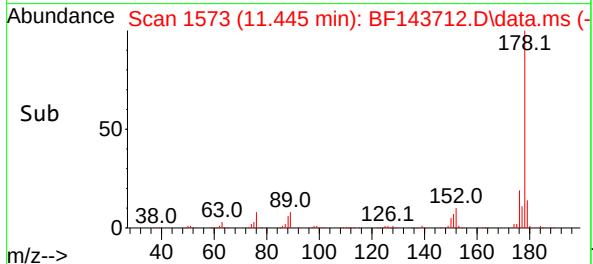
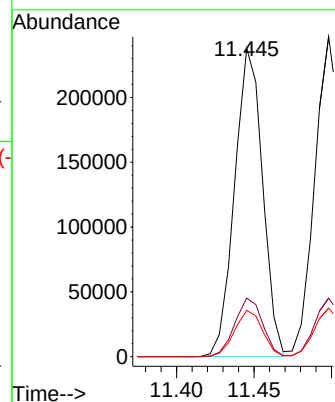
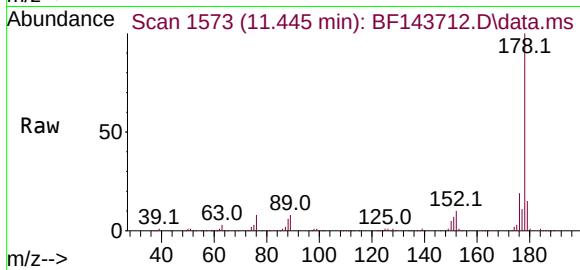
Tgt Ion:178 Resp: 299508

Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 15.0 12.2 18.2



#72

Anthracene

Concen: 51.638 ng

RT: 11.498 min Scan# 1582

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

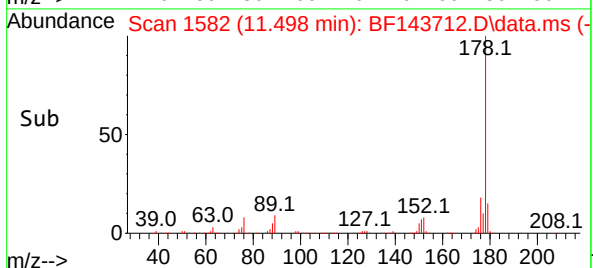
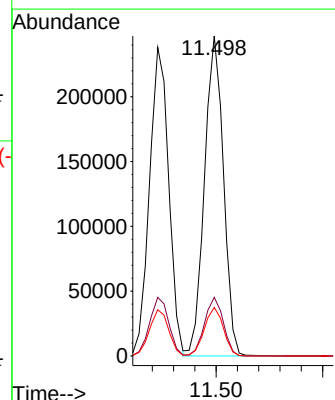
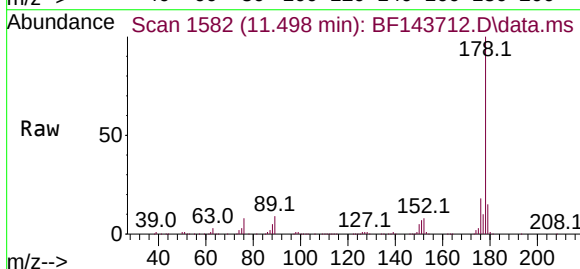
Tgt Ion:178 Resp: 304605

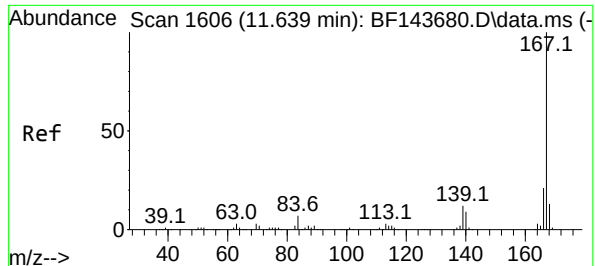
Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

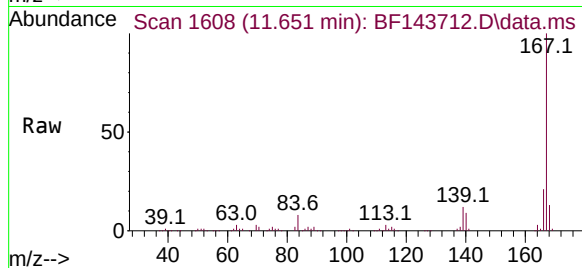
179 15.1 12.2 18.2



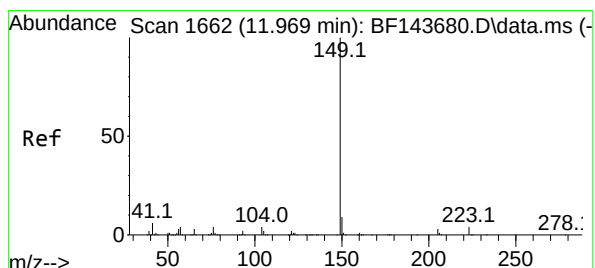
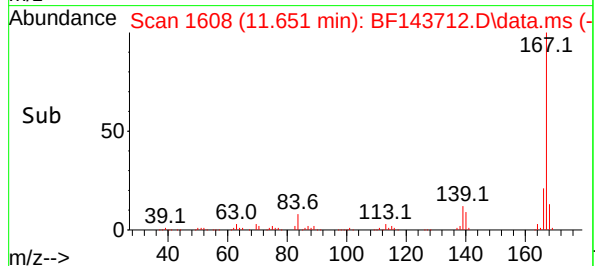
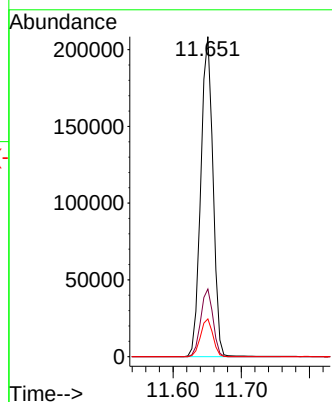


#73
 Carbazole
 Concen: 53.789 ng
 RT: 11.651 min Scan# 1608
 Delta R.T. 0.012 min
 Lab File: BF143712.D
 Acq: 11 Sep 2025 17:59

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-1MS

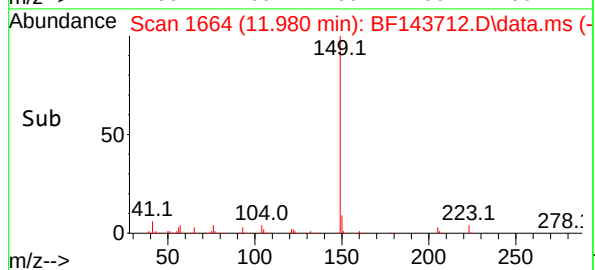
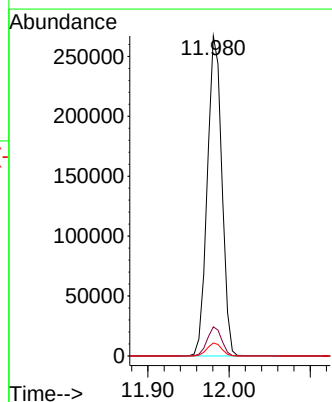
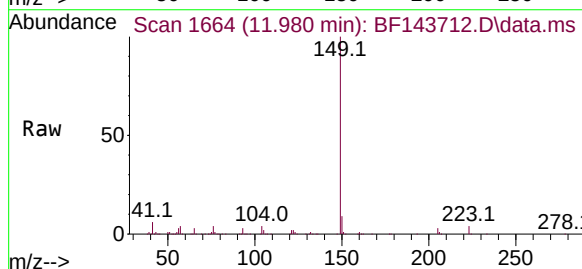


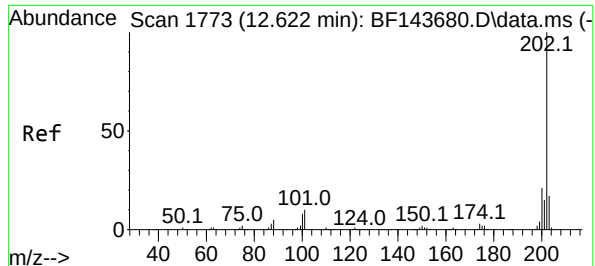
Tgt Ion:167 Resp: 259856
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 11.8 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 57.203 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. 0.012 min
 Lab File: BF143712.D
 Acq: 11 Sep 2025 17:59

Tgt Ion:149 Resp: 332700
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.0 3.3 4.9

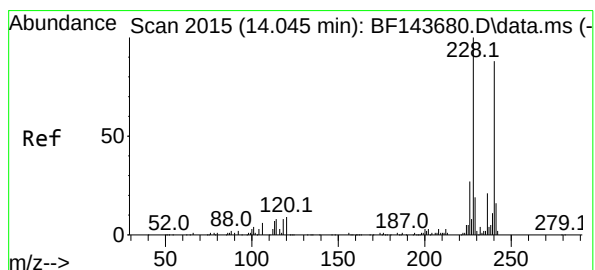
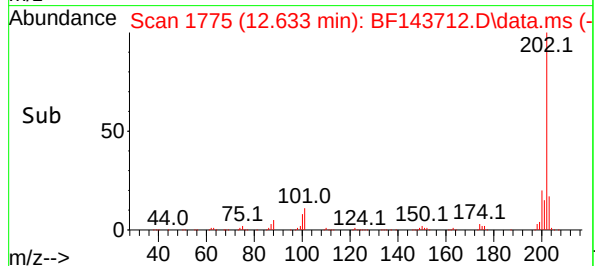
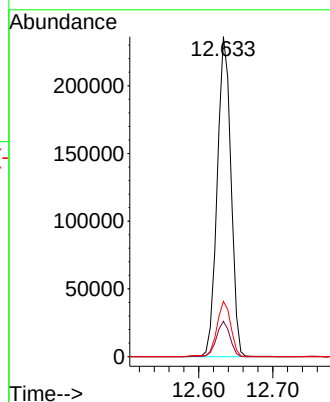
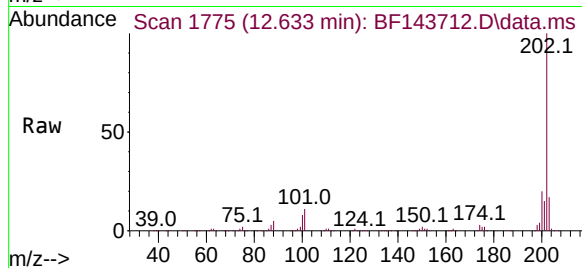




#75
Fluoranthene
Concen: 56.328 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

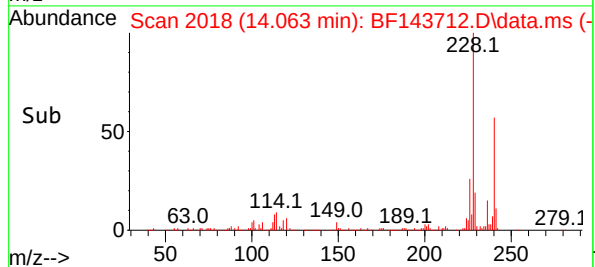
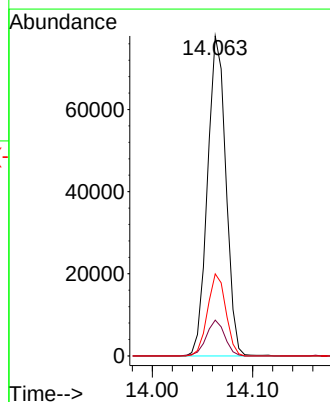
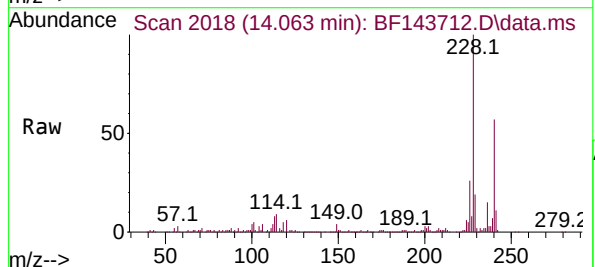
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

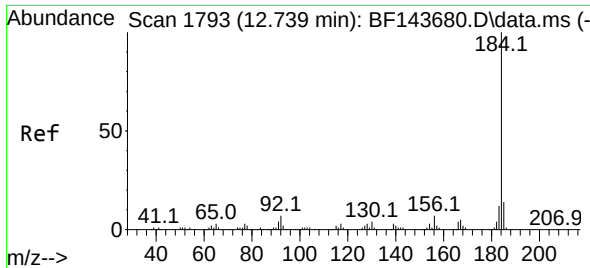
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.5
203	17.3	0.0	37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.4	12.6
236	25.6	18.6	28.0

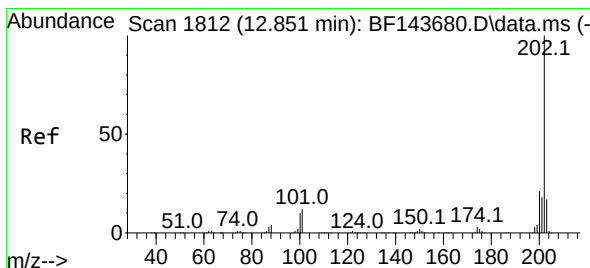
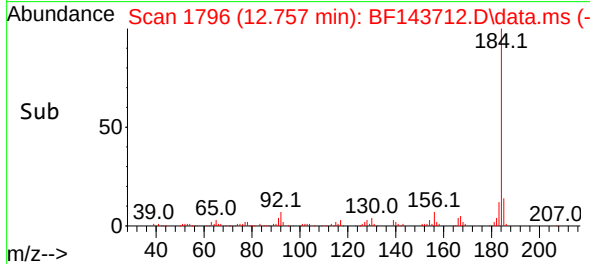
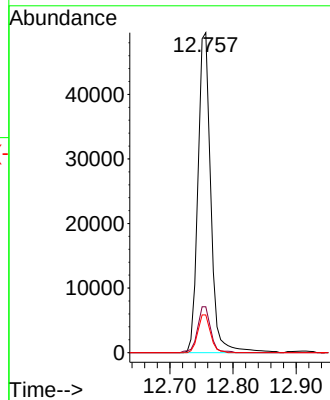
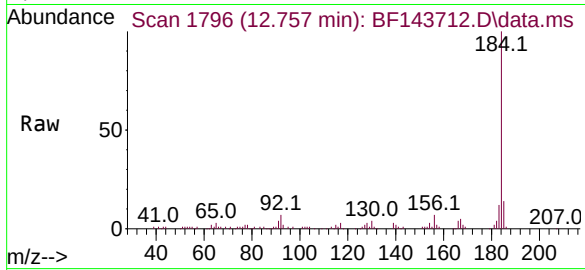




#77
Benzidine
Concen: 21.708 ng
RT: 12.757 min Scan# 1796
Delta R.T. 0.018 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

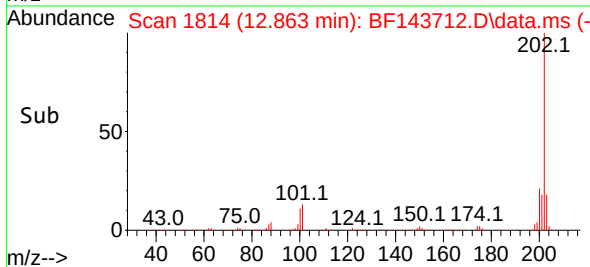
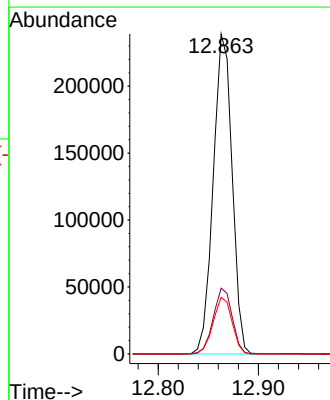
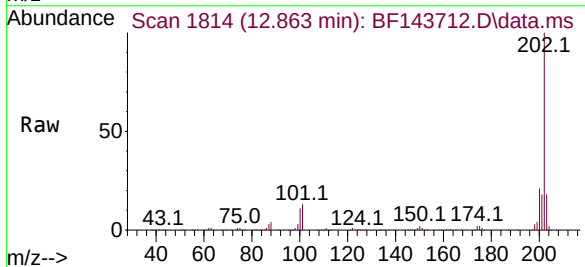
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

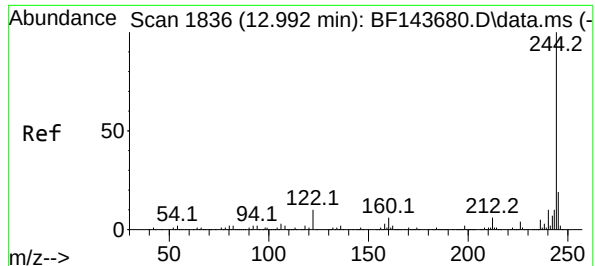
Tgt Ion:184 Resp: 69926
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.8 9.4 14.2



#78
Pyrene
Concen: 39.468 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.012 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:202 Resp: 311710
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.7 13.5 20.3





#79

Terphenyl-d14

Concen: 77.677 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.018 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

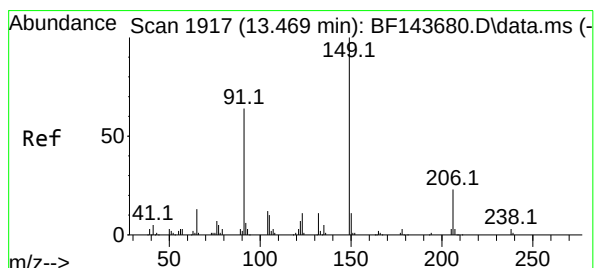
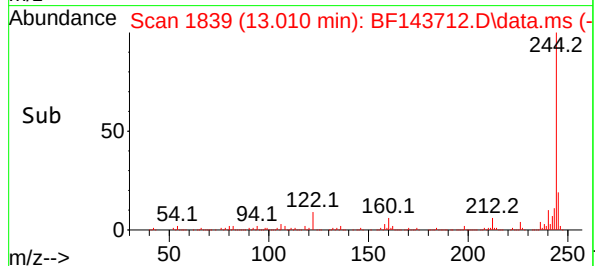
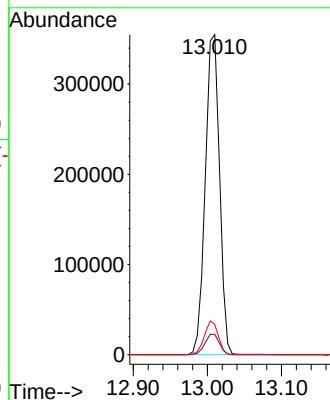
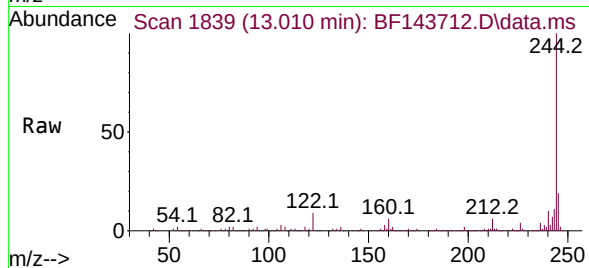
Tgt Ion:244 Resp: 473474

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.6

122 9.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 52.469 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.012 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

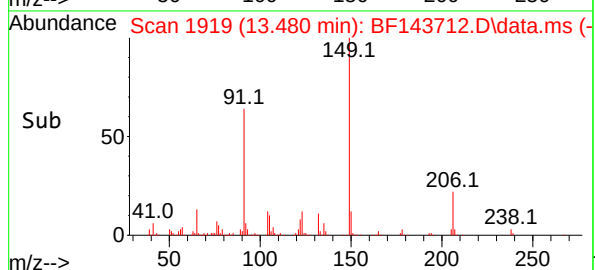
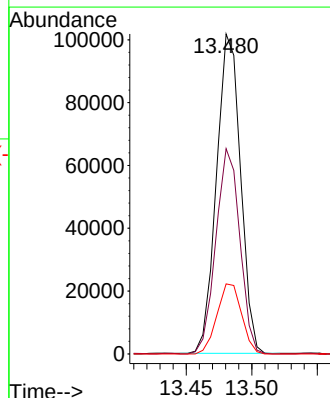
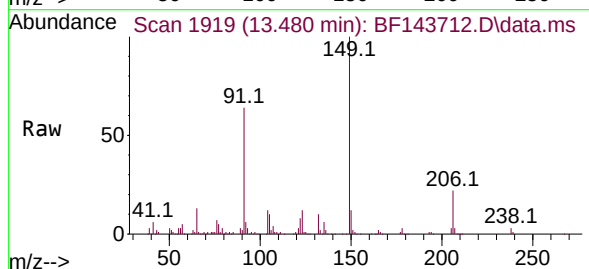
Tgt Ion:149 Resp: 129836

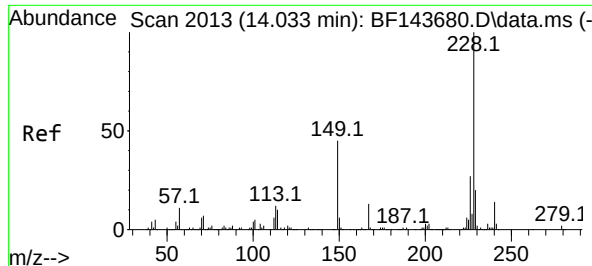
Ion Ratio Lower Upper

149 100

91 64.1 50.9 76.3

206 21.9 18.2 27.2

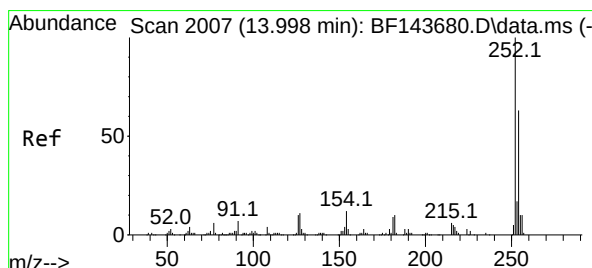
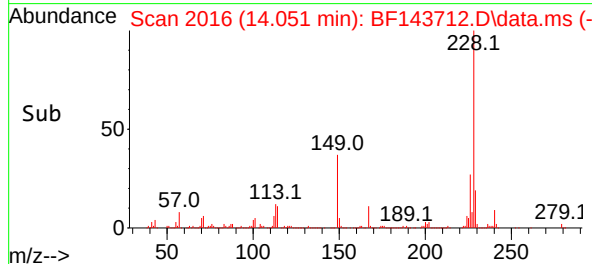
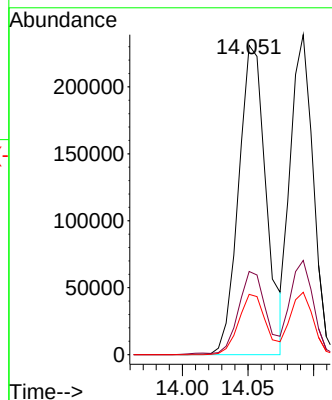
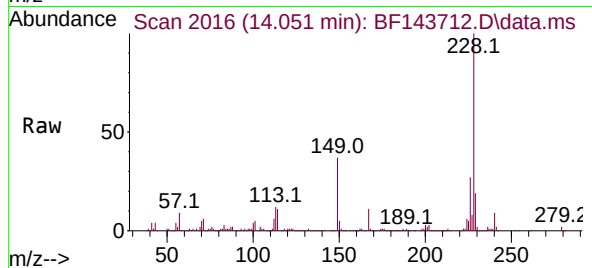




#81
Benzo(a)anthracene
Concen: 53.125 ng
RT: 14.051 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

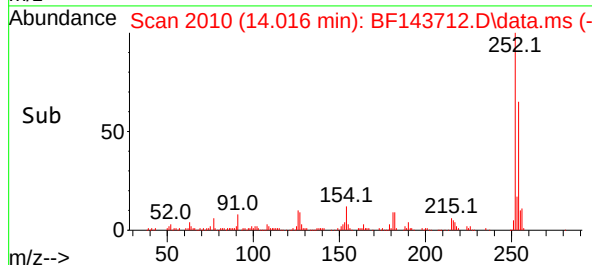
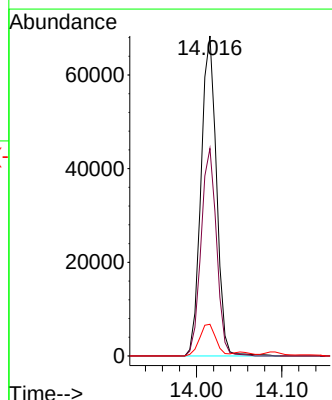
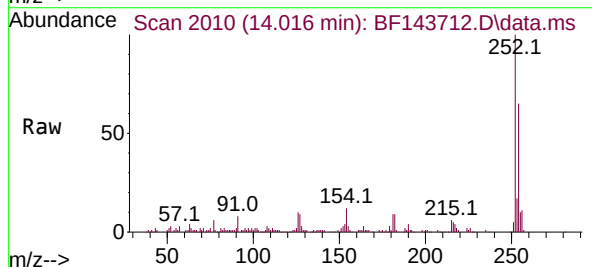
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

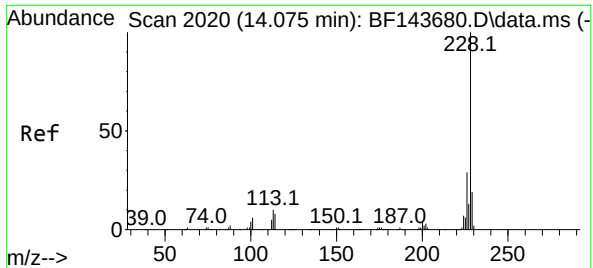
Tgt Ion:228 Resp: 337596
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 44.040 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:252 Resp: 86099
Ion Ratio Lower Upper
252 100
254 64.8 50.5 75.7
126 9.9 8.2 12.4

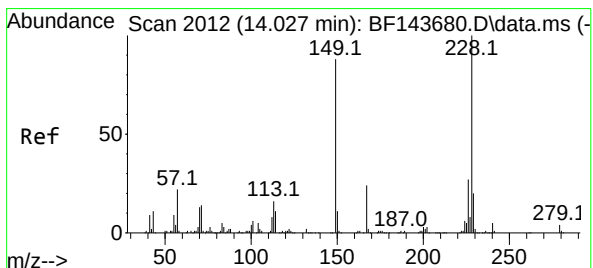
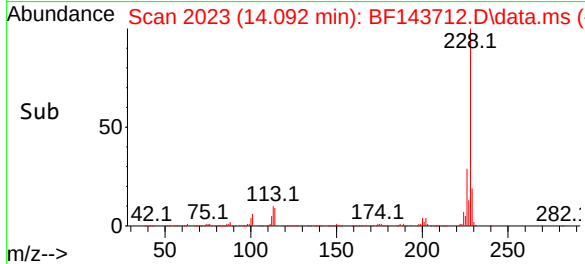
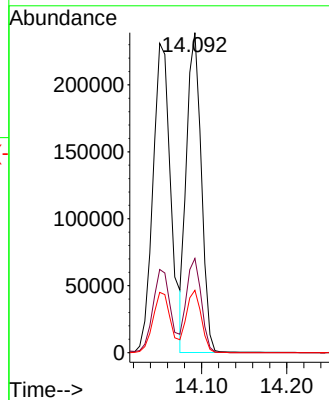
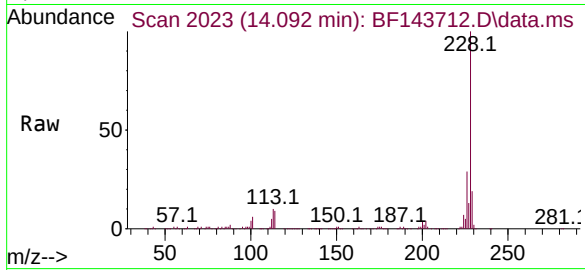




#83
Chrysene
Concen: 49.299 ng
RT: 14.092 min Scan# 2015
Delta R.T. 0.018 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

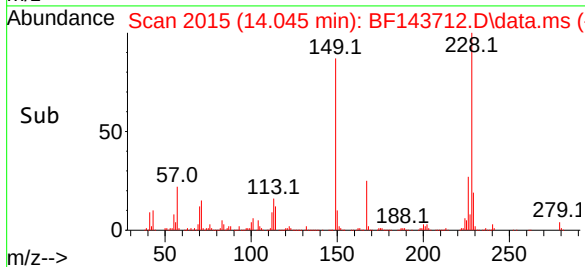
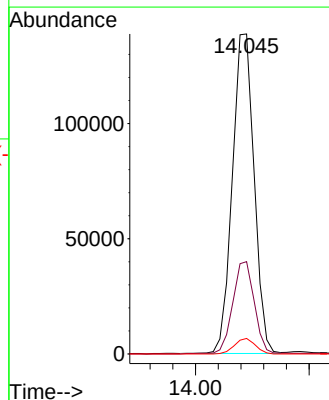
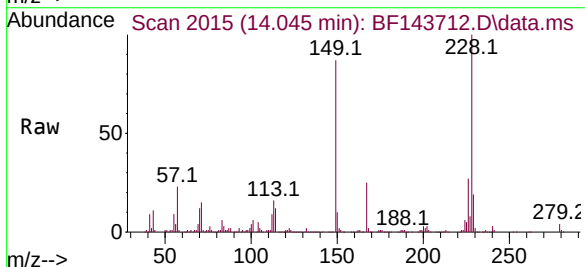
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MS

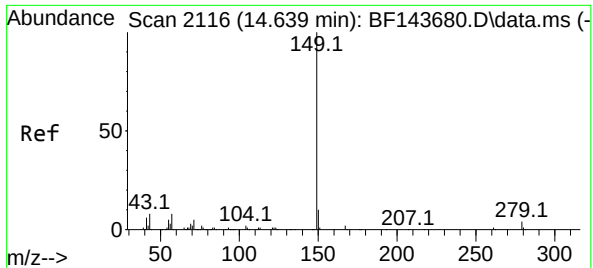
Tgt Ion:228 Resp: 286928
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 19.5 15.1 22.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.239 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.018 min
Lab File: BF143712.D
Acq: 11 Sep 2025 17:59

Tgt Ion:149 Resp: 184436
Ion Ratio Lower Upper
149 100
167 28.8 22.2 33.2
279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 51.583 ng

RT: 14.657 min Scan# 2116

Delta R.T. 0.018 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

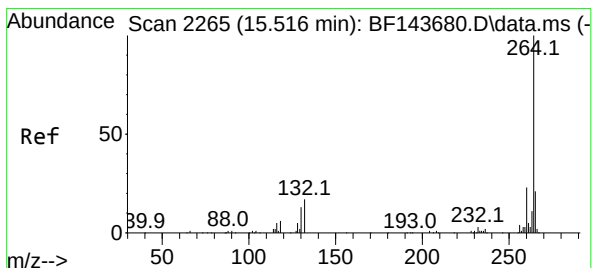
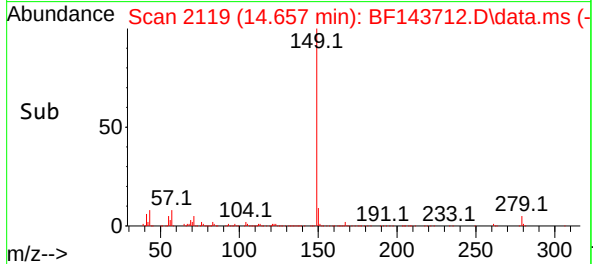
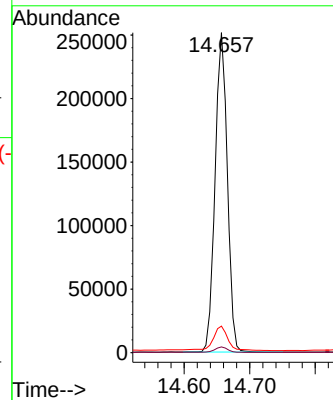
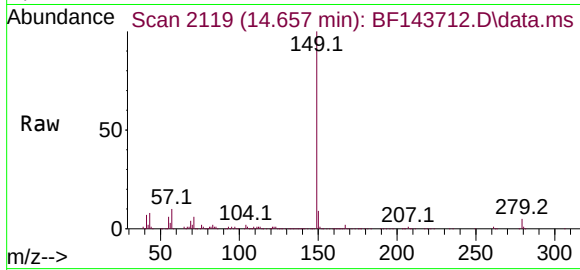
Tgt Ion:149 Resp: 326362

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 9.2 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.023 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

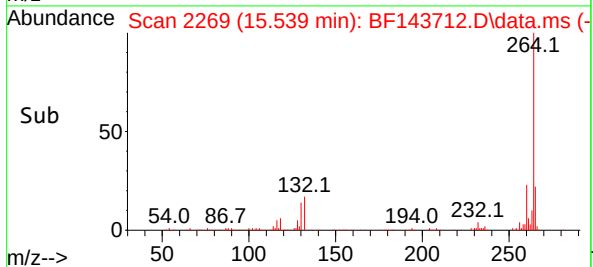
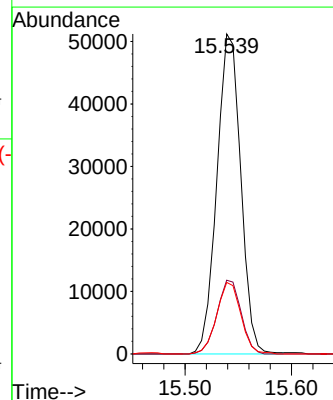
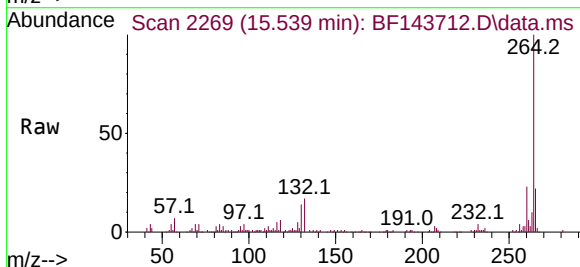
Tgt Ion:264 Resp: 80025

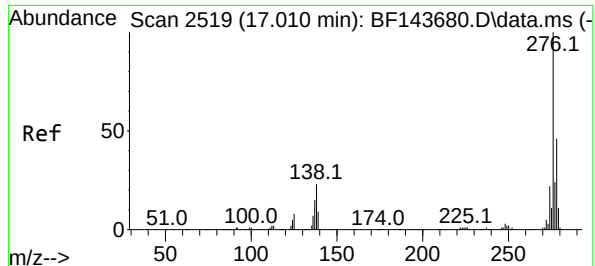
Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 22.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.359 ng

RT: 17.039 min Scan# 2196

Delta R.T. 0.029 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

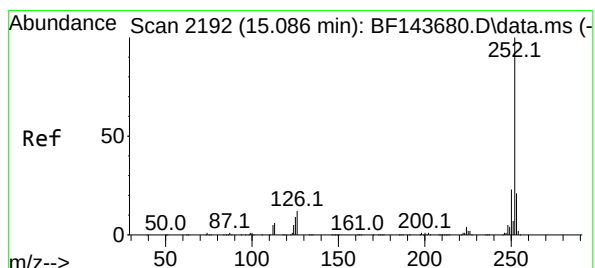
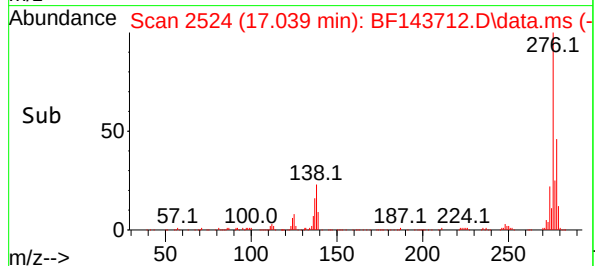
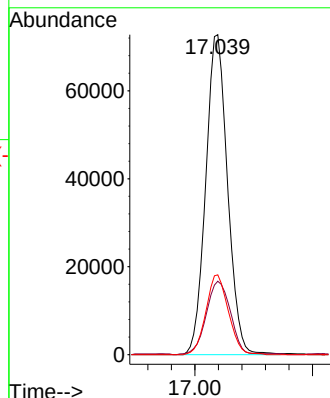
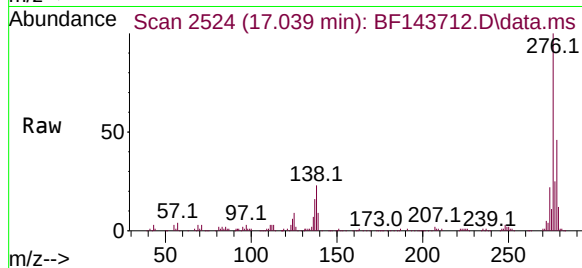
Tgt Ion:276 Resp: 187654

Ion Ratio Lower Upper

276 100

138 25.6 19.7 29.5

277 25.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 58.574 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.023 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

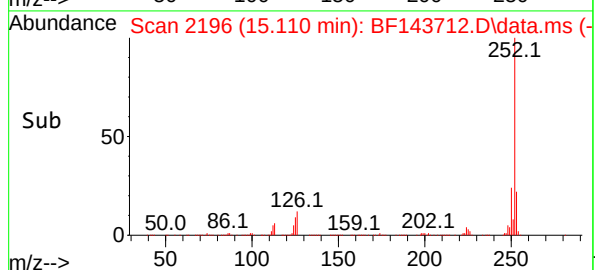
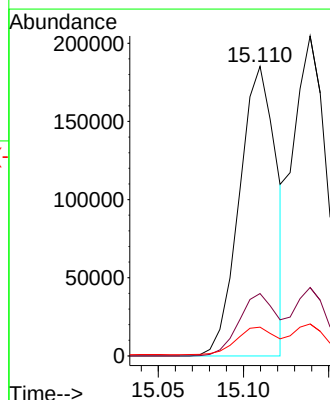
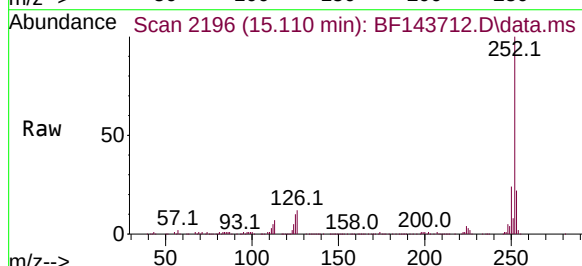
Tgt Ion:252 Resp: 279033

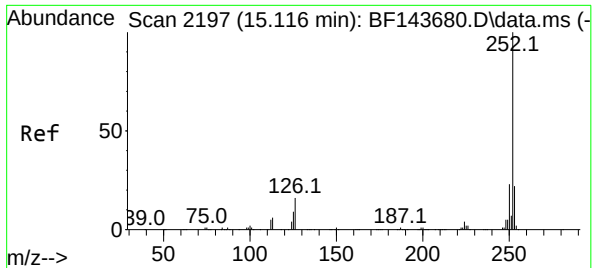
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 64.634 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

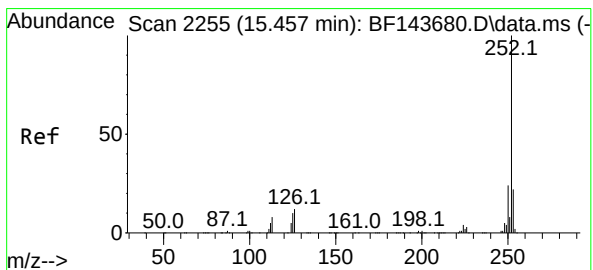
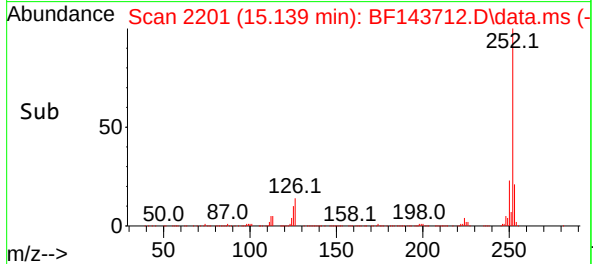
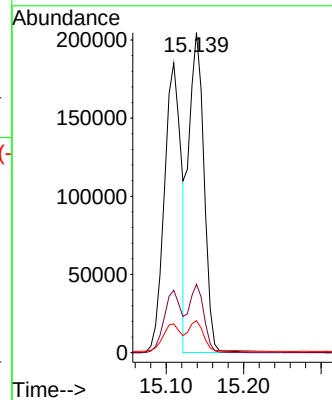
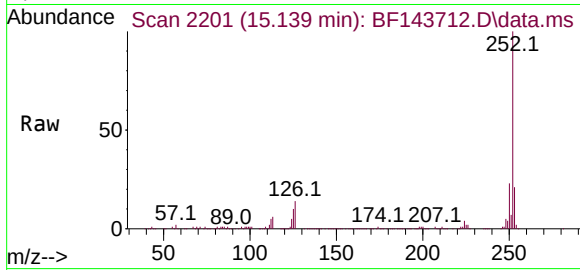
Tgt Ion:252 Resp: 277882

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 10.0 7.3 10.9



#90

Benzo(a)pyrene

Concen: 55.814 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.023 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

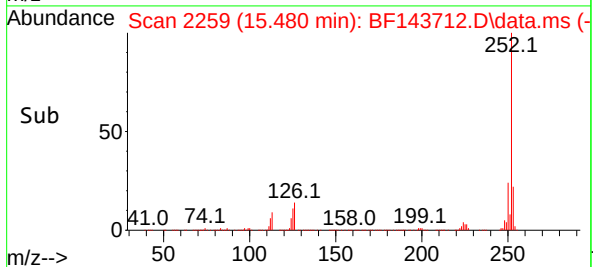
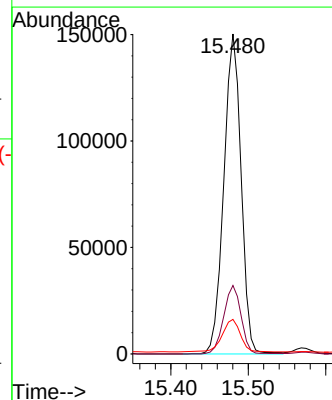
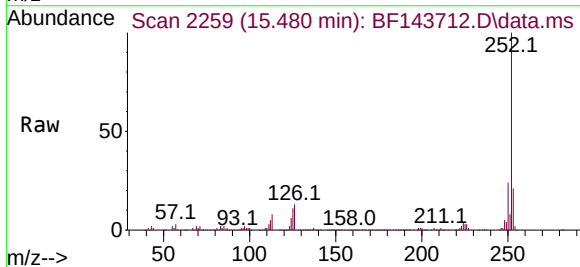
Tgt Ion:252 Resp: 233587

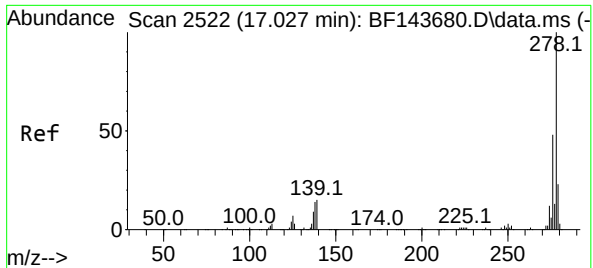
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 10.8 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 34.564 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MS

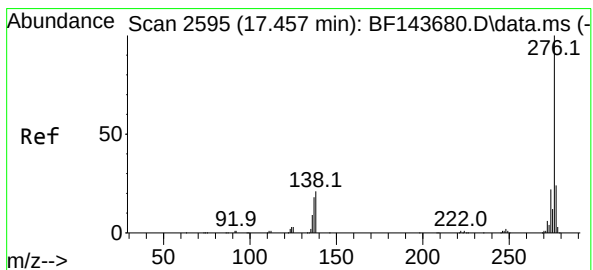
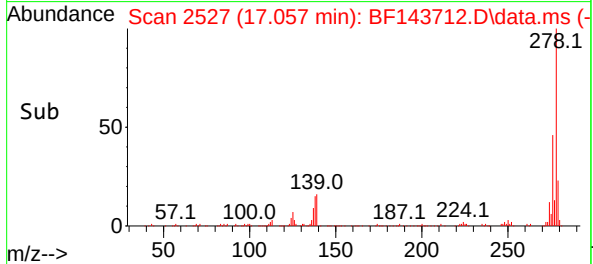
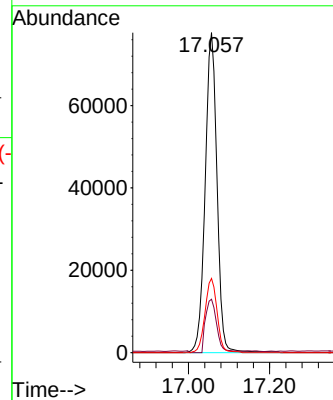
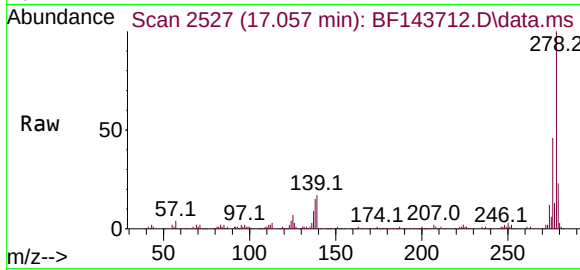
Tgt Ion:278 Resp: 156620

Ion Ratio Lower Upper

278 100

139 16.7 12.2 18.4

279 23.2 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 34.235 ng

RT: 17.492 min Scan# 2601

Delta R.T. 0.035 min

Lab File: BF143712.D

Acq: 11 Sep 2025 17:59

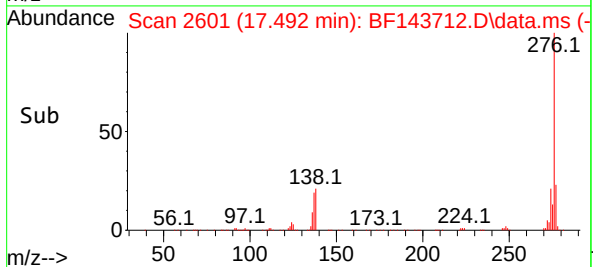
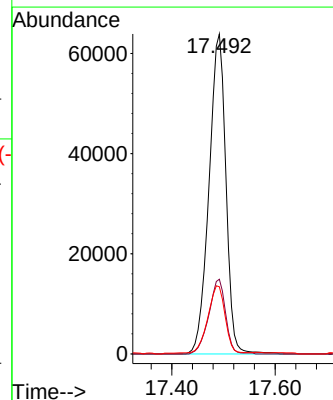
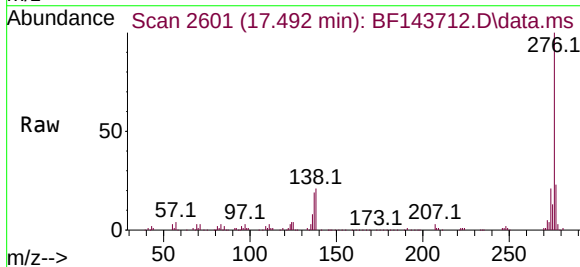
Tgt Ion:276 Resp: 145103

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 21.0 17.0 25.4



Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MSD	SDG No.:	Q3032
Lab Sample ID:	Q3032-02MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143713.D	1	09/11/25 08:40	09/11/25 18:29	PB169661

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	370		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	480		5.30	50.0	ug/L
95-48-7	2-Methylphenol	470		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	460		11.0	100	ug/L
67-72-1	Hexachloroethane	450		6.50	50.0	ug/L
98-95-3	Nitrobenzene	470		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	450		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	510		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	510		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	520		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	520		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1000	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	130		15 (23) - 110 (138)	86%	SPK: 150
13127-88-3	Phenol-d6	124		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.5		30 (67) - 130 (132)	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		30 (52) - 130 (132)	101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		15 (44) - 110 (137)	89%	SPK: 150
1718-51-0	Terphenyl-d14	72.0		30 (42) - 130 (152)	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	38000		6.893		
1146-65-2	Naphthalene-d8	144000		8.175		
15067-26-2	Acenaphthene-d10	73700		9.934		
1517-22-2	Phenanthrene-d10	101000		11.422		
1719-03-5	Chrysene-d12	96900		14.063		
1520-96-3	Perylene-d12	76400		15.539		

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MSD	SDG No.:	Q3032
Lab Sample ID:	Q3032-02MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143713.D	1	09/11/25 08:40	09/11/25 18:29	PB169661

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\BF091125\
 Data File : BF143713.D
 Acq On : 11 Sep 2025 18:29
 Operator : RC/JU
 Sample : Q3032-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-1MSD

Quant Time: Sep 11 19:01:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	37951	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	143541	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	73691	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	101346	20.000	ng	0.01
76) Chrysene-d12	14.063	240	96866	20.000	ng	0.02
86) Perylene-d12	15.539	264	76435	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	288557	129.725	ng	0.02
7) Phenol-d6	6.516	99	335330	123.811	ng	0.01
23) Nitrobenzene-d5	7.457	82	225017	97.507	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	98841	133.094	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	490757	100.602	ng	0.00
79) Terphenyl-d14	13.010	244	430205	71.971	ng	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.834	88	40143	40.457	ng	# 88
3) Pyridine	3.546	79	93700	36.557	ng	99
4) n-Nitrosodimethylamine	3.487	42	47123	48.399	ng	97
6) Aniline	6.557	93	70461	19.642	ng	96
8) 2-Chlorophenol	6.681	128	112460	46.812	ng	95
9) Benzaldehyde	6.446	77	48414	22.155	ng	98
10) Phenol	6.534	94	130197	43.488	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	110570	49.450	ng	99
12) 1,3-Dichlorobenzene	6.834	146	128589	46.801	ng	99
13) 1,4-Dichlorobenzene	6.910	146	131824	47.535	ng	100
14) 1,2-Dichlorobenzene	7.063	146	124960	47.716	ng	99
15) Benzyl Alcohol	7.034	79	98858	50.179	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	130401	44.576	ng	97
17) 2-Methylphenol	7.140	107	90924	47.048	ng	99
18) Hexachloroethane	7.410	117	40739	45.476	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	79541	47.818	ng	98
20) 3+4-Methylphenols	7.293	107	118188	46.441	ng	90
22) Acetophenone	7.304	105	176090	54.317	ng	98
24) Nitrobenzene	7.475	77	111717	46.688	ng	96
25) Isophorone	7.710	82	212014	47.911	ng	100
26) 2-Nitrophenol	7.787	139	61387	52.178	ng	97
27) 2,4-Dimethylphenol	7.822	122	106879	50.604	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	128683	47.320	ng	98
29) 2,4-Dichlorophenol	8.028	162	99761	46.956	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	107738	48.948	ng	99
31) Naphthalene	8.198	128	331188	46.608	ng	99
32) Benzoic acid	7.922	122	69432	53.884	ng	99
33) 4-Chloroaniline	8.240	127	29895	12.085	ng	99
34) Hexachlorobutadiene	8.316	225	65154	45.383	ng	99
35) Caprolactam	8.610	113	25590	45.255	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	99959	47.717	ng	99
37) 2-Methylnaphthalene	8.887	142	204062	41.952	ng	100
38) 1-Methylnaphthalene	8.987	142	207897	44.536	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	118470	56.156	ng	99
41) Hexachlorocyclopentadiene	9.040	237	72694	67.117	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	72026	51.129	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143713.D
 Acq On : 11 Sep 2025 18:29
 Operator : RC/JU
 Sample : Q3032-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-1MSD

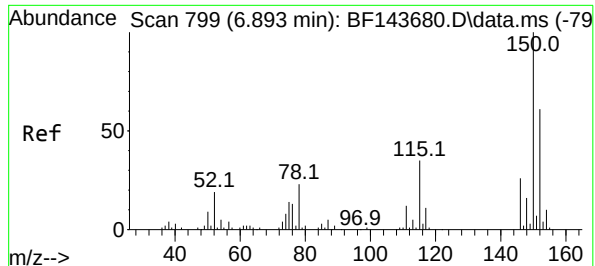
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	72970	50.953	ng	98
46) 1,1'-Biphenyl	9.351	154	308807	58.209	ng	99
47) 2-Chloronaphthalene	9.381	162	208993	50.250	ng	99
48) 2-Nitroaniline	9.469	65	59341	53.915	ng	99
49) Acenaphthylene	9.798	152	337775	56.697	ng	100
50) Dimethylphthalate	9.651	163	249269	51.990	ng	100
51) 2,6-Dinitrotoluene	9.716	165	50318	54.890	ng	95
52) Acenaphthene	9.969	154	204592	49.836	ng	99
53) 3-Nitroaniline	9.881	138	31187	31.613	ng	99
54) 2,4-Dinitrophenol	9.986	184	33293	68.382	ng	# 54
55) Dibenzofuran	10.139	168	282460	47.849	ng	99
56) 4-Nitrophenol	10.034	139	69470	88.513	ng	99
57) 2,4-Dinitrotoluene	10.116	165	65006	52.103	ng	96
58) Fluorene	10.481	166	223335	48.331	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	57858	49.825	ng	98
60) Diethylphthalate	10.357	149	226244	50.262	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	110187	47.017	ng	98
62) 4-Nitroaniline	10.492	138	41481	44.395	ng	99
63) Azobenzene	10.634	77	189359	47.585	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	23446	45.439	ng	99
66) n-Nitrosodiphenylamine	10.592	169	186811	56.267	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	63856	52.249	ng	97
68) Hexachlorobenzene	11.028	284	67038	51.949	ng	96
69) Atrazine	11.116	200	58081	55.794	ng	99
70) Pentachlorophenol	11.222	266	81503	104.480	ng	99
71) Phenanthrene	11.445	178	280568	50.245	ng	100
72) Anthracene	11.498	178	282252	50.270	ng	100
73) Carbazole	11.651	167	241372	52.491	ng	99
74) Di-n-butylphthalate	11.980	149	302001	54.552	ng	99
75) Fluoranthene	12.633	202	272585	53.175	ng	98
77) Benzidine	12.751	184	69418	21.976	ng	99
78) Pyrene	12.863	202	286873	37.041	ng	99
80) Butylbenzylphthalate	13.480	149	116057	47.827	ng	97
81) Benzo(a)anthracene	14.051	228	318835	51.163	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	82485	43.024	ng	98
83) Chrysene	14.092	228	269392	47.200	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	162515	46.938	ng	98
85) Di-n-octyl phthalate	14.657	149	294275	47.430	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.033	276	177255	33.979	ng	99
88) Benzo(b)fluoranthene	15.110	252	267193	58.723	ng	100
89) Benzo(k)fluoranthene	15.139	252	264281	64.358	ng	99
90) Benzo(a)pyrene	15.480	252	221667	55.454	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	146530	33.857	ng	98
92) Benzo(g,h,i)perylene	17.486	276	136145	33.631	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

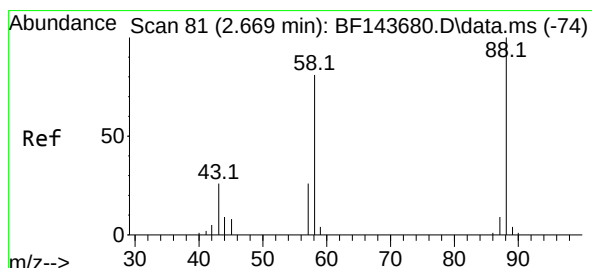
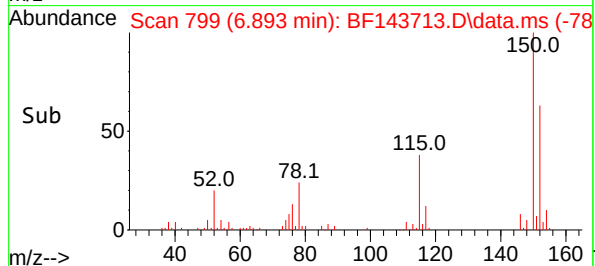
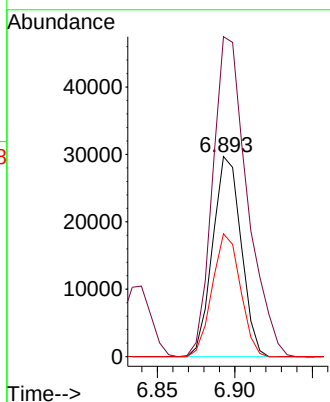
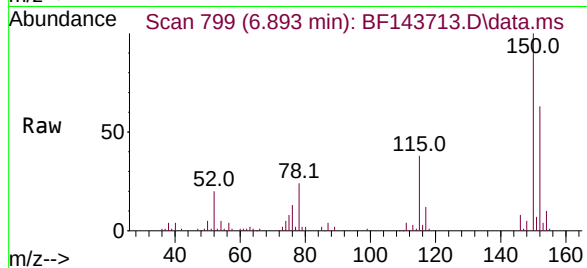
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

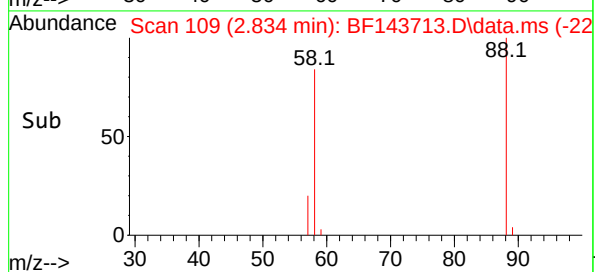
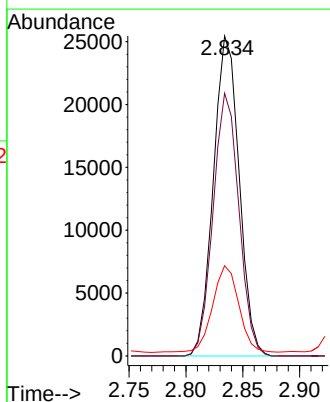
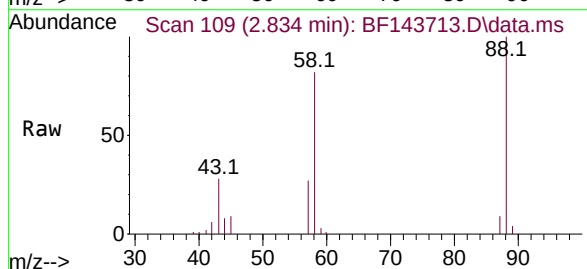
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

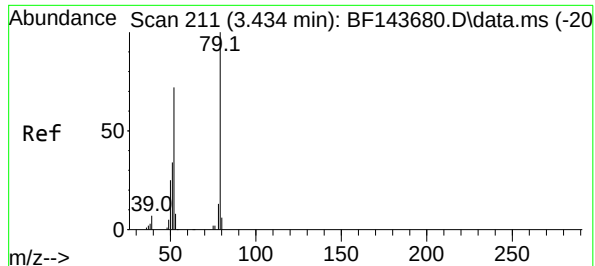
Tgt Ion:152 Resp: 37951
Ion Ratio Lower Upper
152 100
150 160.0 130.7 196.1
115 61.4 45.9 68.9



#2
1,4-Dioxane
Concen: 40.457 ng
RT: 2.834 min Scan# 109
Delta R.T. 0.165 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion: 88 Resp: 40143
Ion Ratio Lower Upper
88 100
58 82.1 65.8 98.6
43 0.0 20.6 31.0#

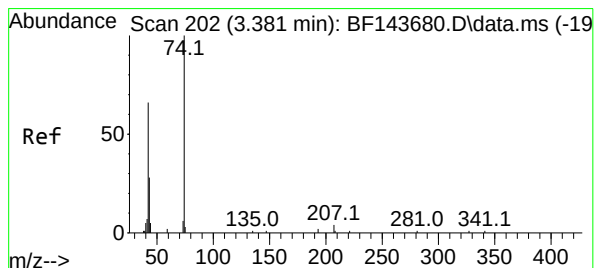
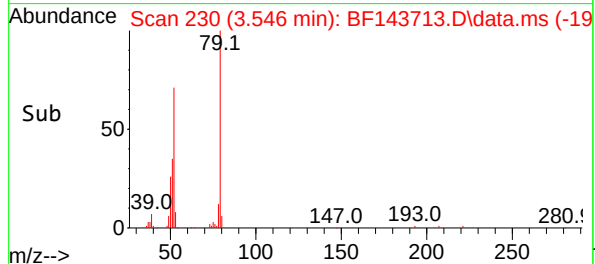
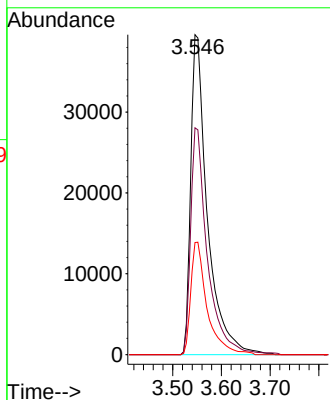
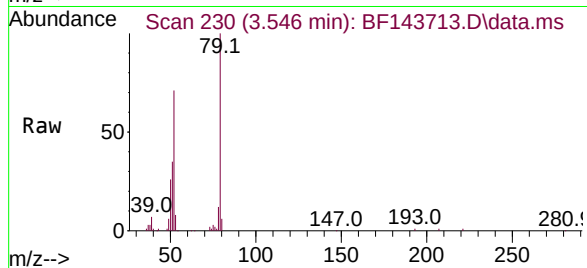




#3
Pyridine
Concen: 36.557 ng
RT: 3.546 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

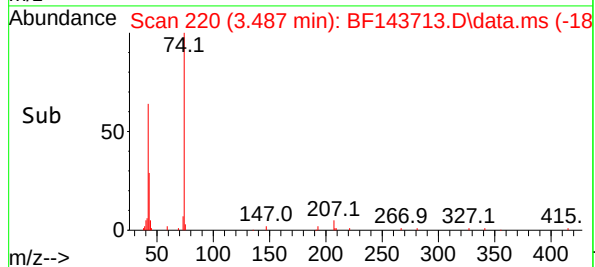
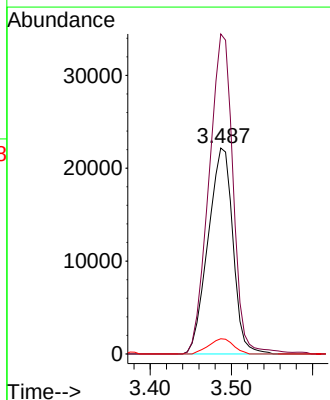
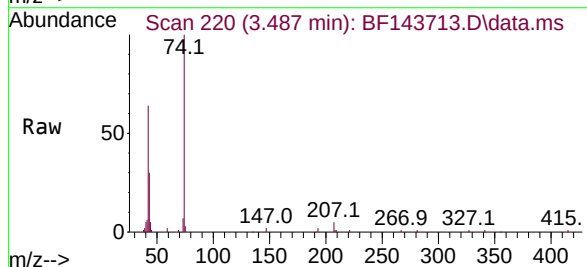
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

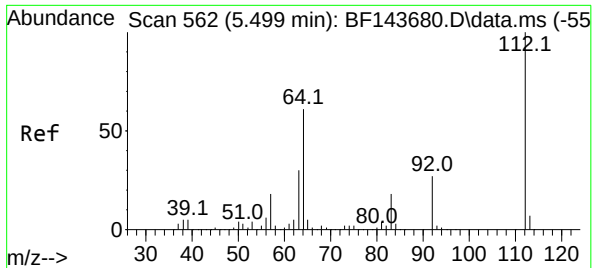
Tgt Ion	Ratio	Lower	Upper
79	100		
52	70.9	57.2	85.8
51	35.0	27.0	40.6



#4
n-Nitrosodimethylamine
Concen: 48.399 ng
RT: 3.487 min Scan# 220
Delta R.T. 0.106 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.4	120.9	181.3
44	7.3	6.5	9.7

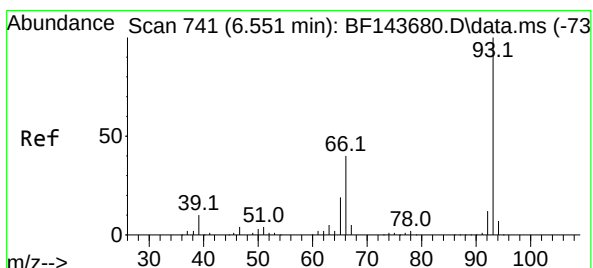
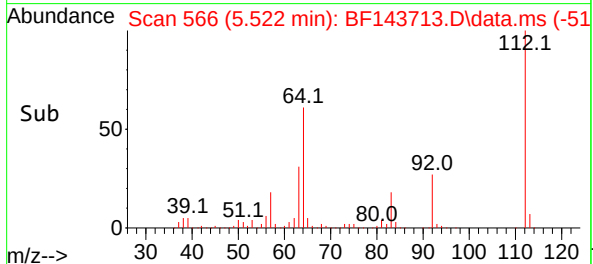
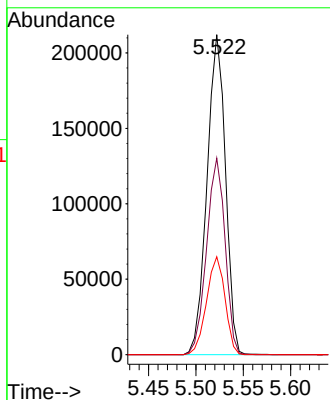
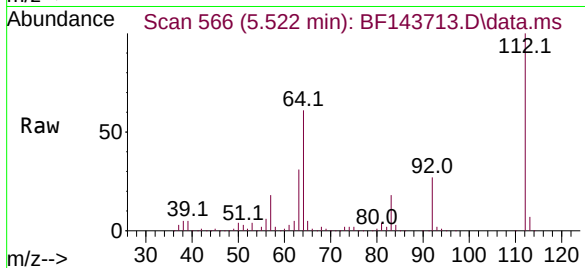




#5
2-Fluorophenol
Concen: 129.725 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.024 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

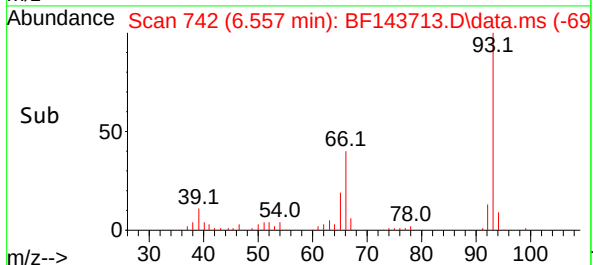
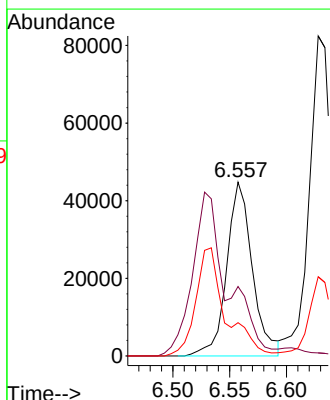
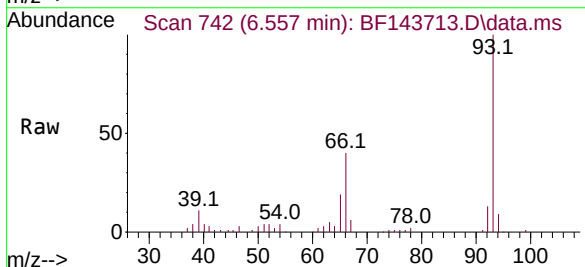
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

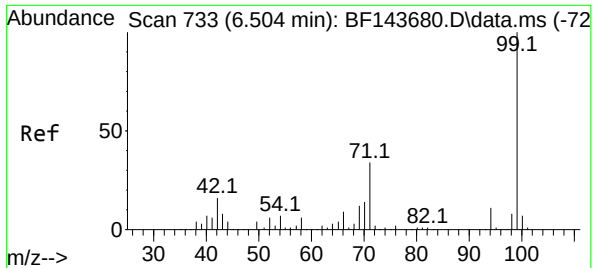
Tgt Ion:112 Resp: 288557
Ion Ratio Lower Upper
112 100
64 61.4 49.0 73.4
63 30.6 24.3 36.5



#6
Aniline
Concen: 19.642 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion: 93 Resp: 70461
Ion Ratio Lower Upper
93 100
66 39.9 34.1 51.1
65 19.1 16.1 24.1

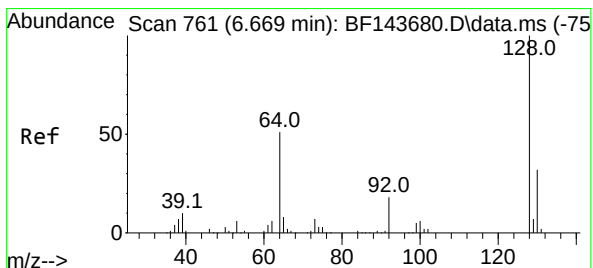
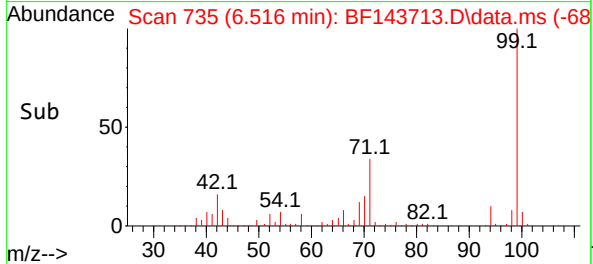
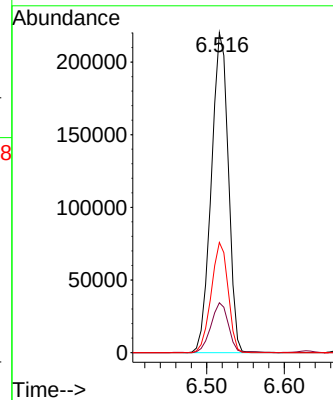
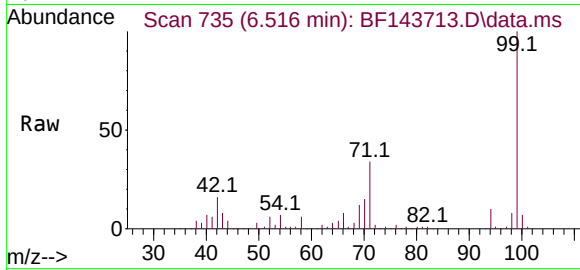




#7
Phenol-d6
Concen: 123.811 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

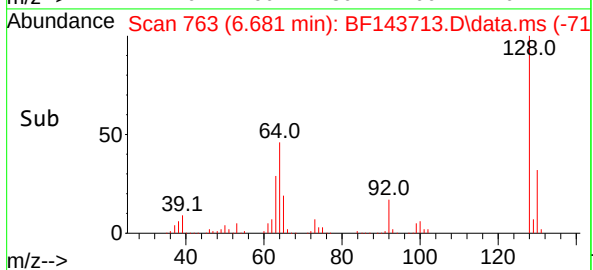
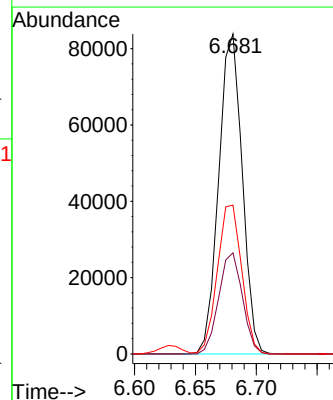
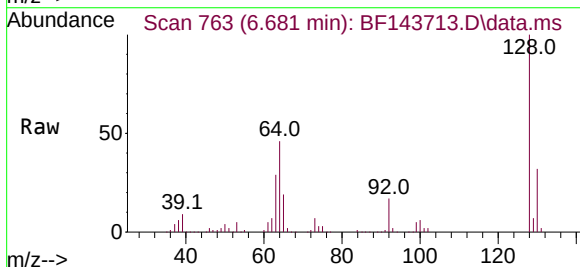
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BNA_F
ClientSampleId :
SOIL-PILE-1MSD

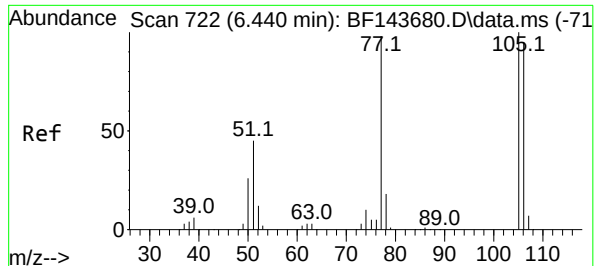
Tgt Ion: 99 Resp: 335330
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 34.4 27.4 41.2



#8
2-Chlorophenol
Concen: 46.812 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion: 128 Resp: 112460
Ion Ratio Lower Upper
128 100
130 31.6 12.0 52.0
64 46.5 31.9 71.9





#9

Benzaldehyde

Concen: 22.155 ng

RT: 6.446 min Scan# 722

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

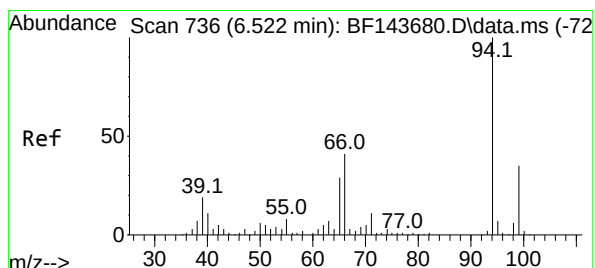
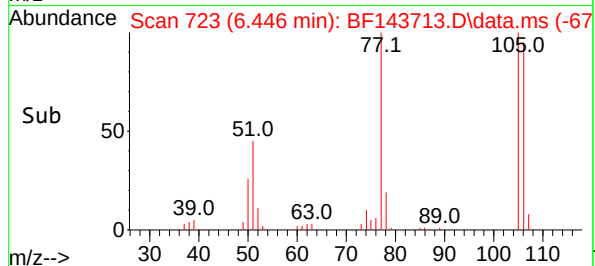
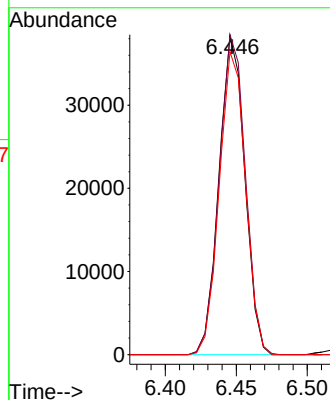
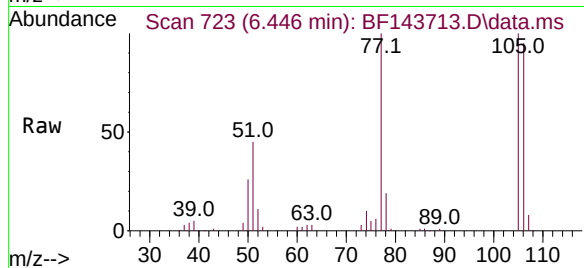
Tgt Ion: 77 Resp: 48414

Ion Ratio Lower Upper

77 100

105 100.4 81.7 121.7

106 95.0 76.9 116.9



#10

Phenol

Concen: 43.488 ng

RT: 6.534 min Scan# 738

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

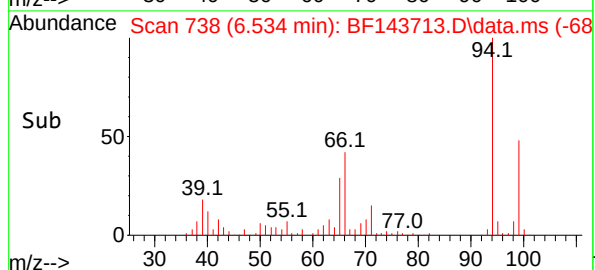
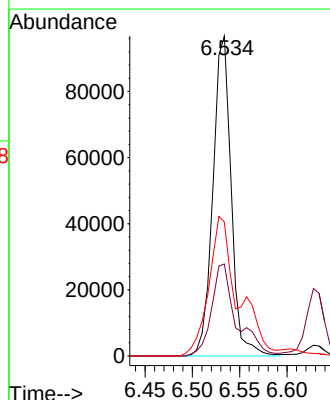
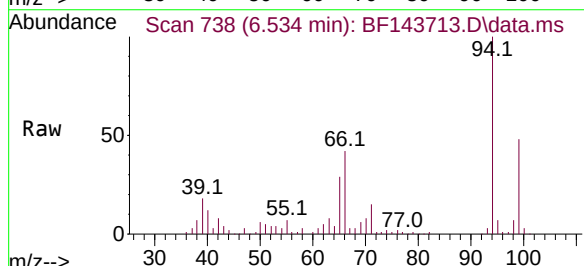
Tgt Ion: 94 Resp: 130197

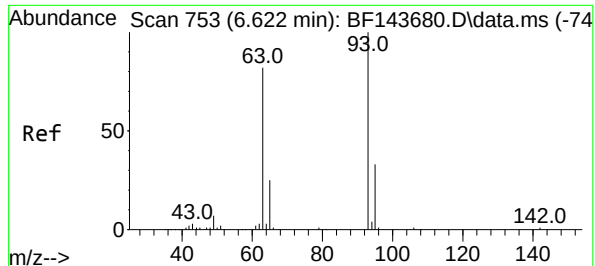
Ion Ratio Lower Upper

94 100

65 28.7 9.1 49.1

66 41.8 20.8 60.8

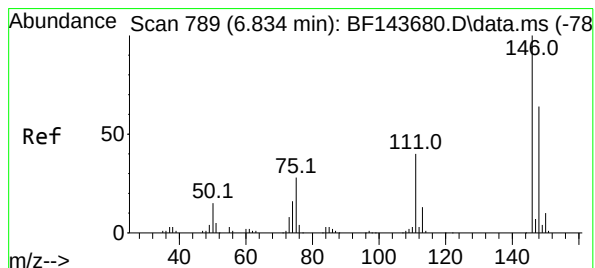
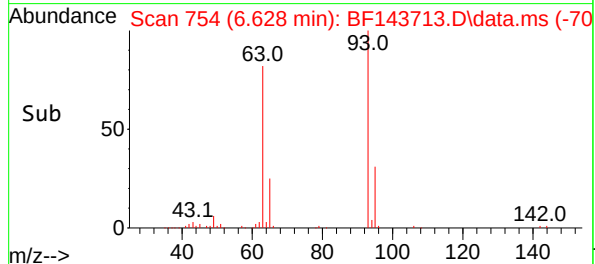
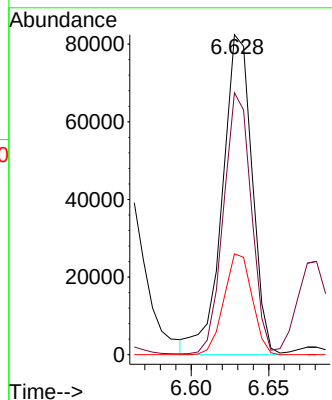
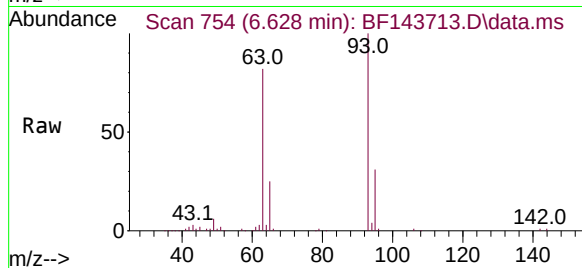




#11
bis(2-Chloroethyl)ether
Concen: 49.450 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

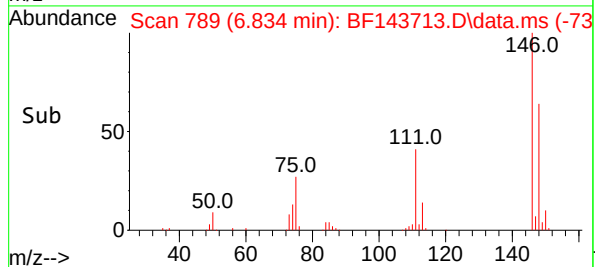
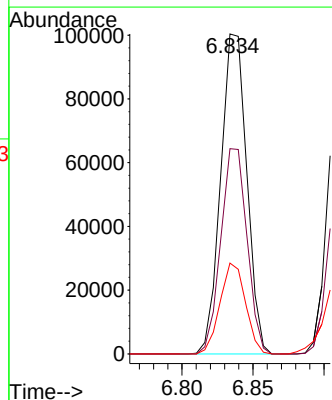
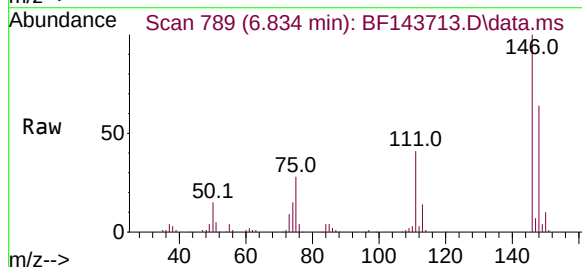
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

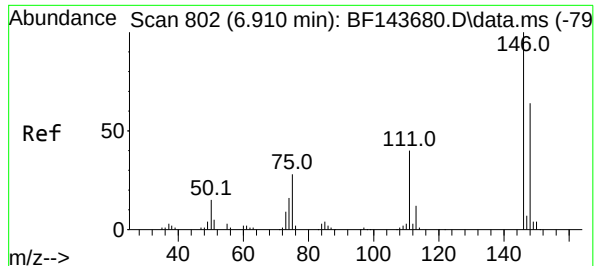
Tgt Ion: 93 Resp: 110570
Ion Ratio Lower Upper
93 100
63 81.8 61.8 101.8
95 31.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.801 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion: 146 Resp: 128589
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 28.4 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 47.535 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

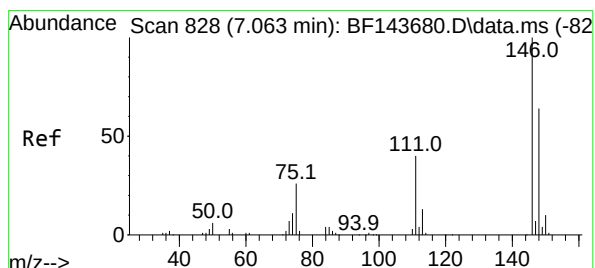
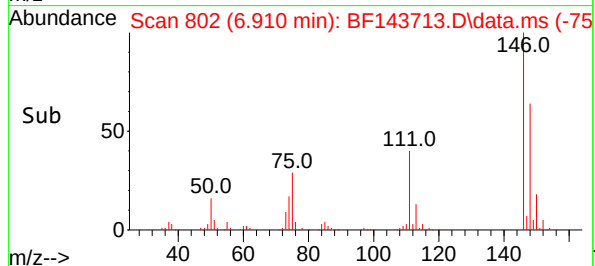
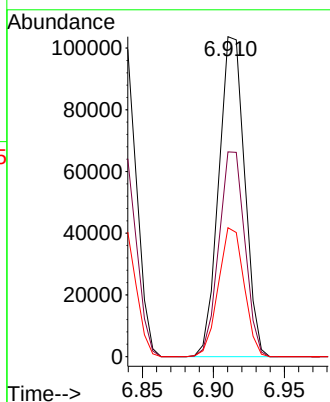
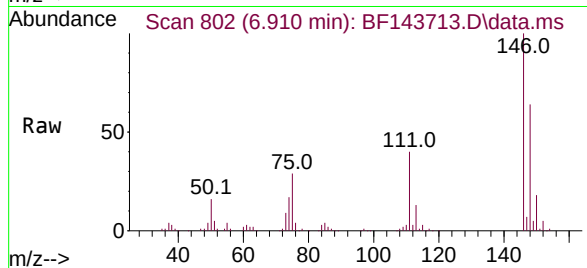
Tgt Ion:146 Resp: 131824

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

111 40.3 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 47.716 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

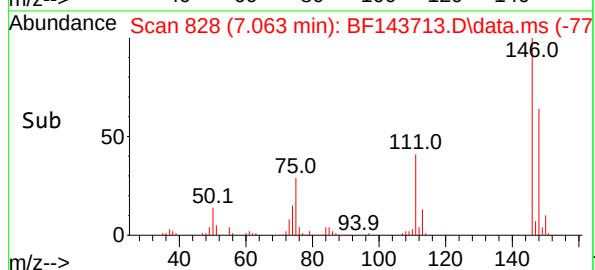
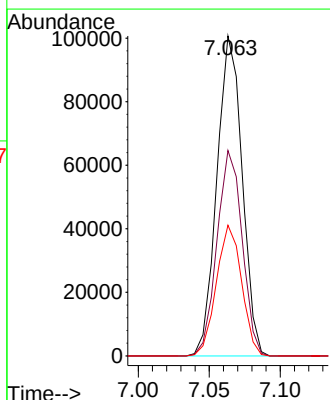
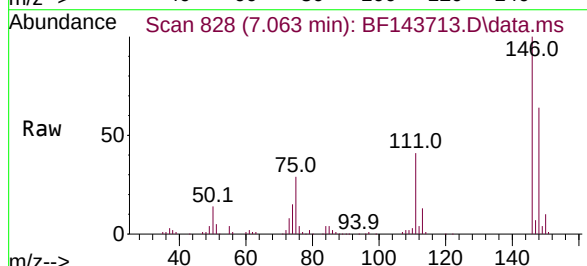
Tgt Ion:146 Resp: 124960

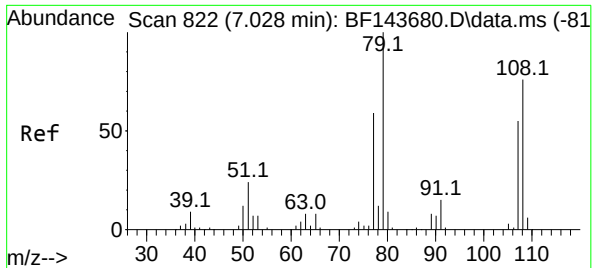
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

111 40.8 32.3 48.5

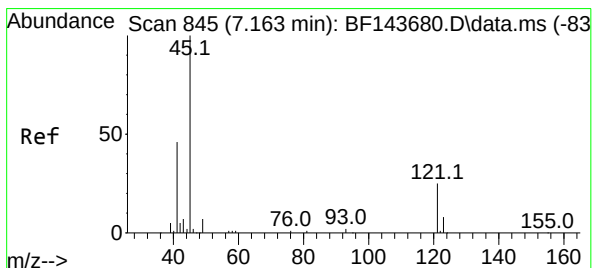
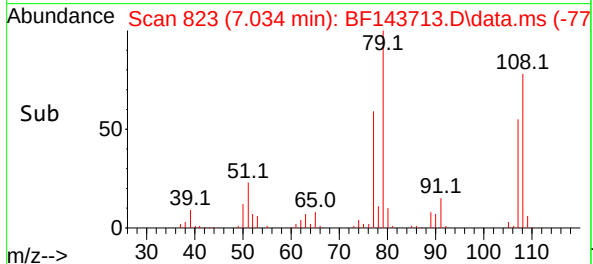
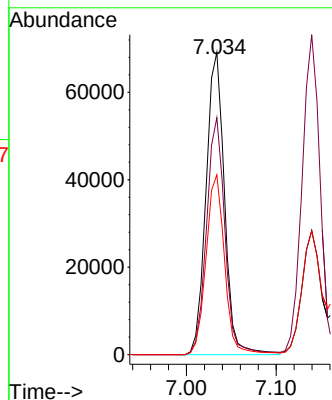
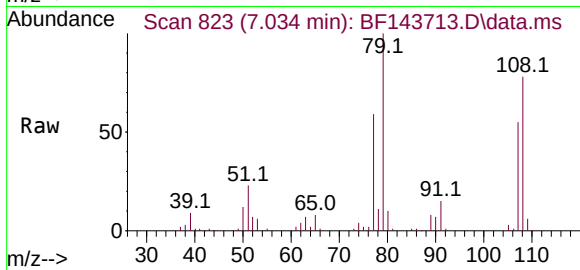




#15
Benzyl Alcohol
Concen: 50.179 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

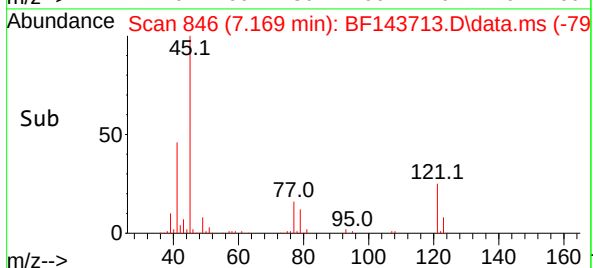
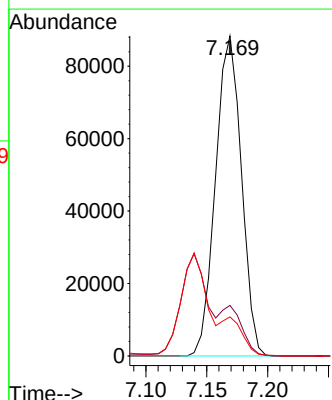
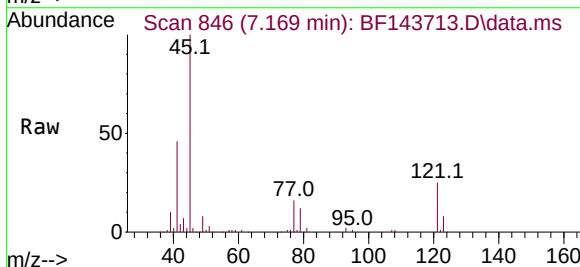
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

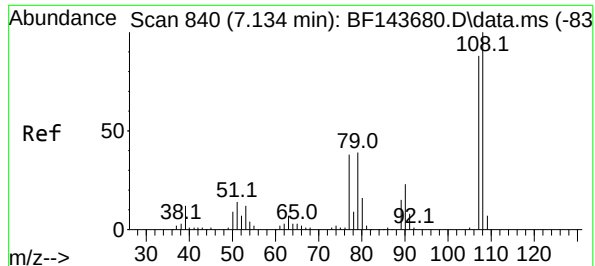
Tgt Ion: 79 Resp: 98858
Ion Ratio Lower Upper
79 100
108 78.3 60.9 91.3
77 59.4 47.4 71.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.576 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion: 45 Resp: 130401
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.6
79 12.2 0.0 31.3

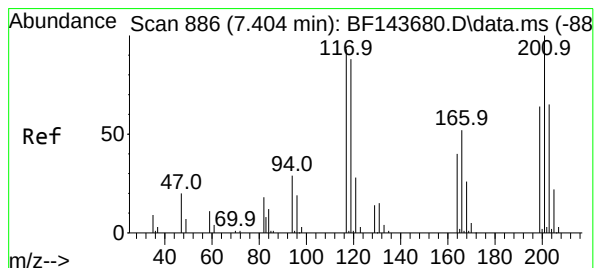
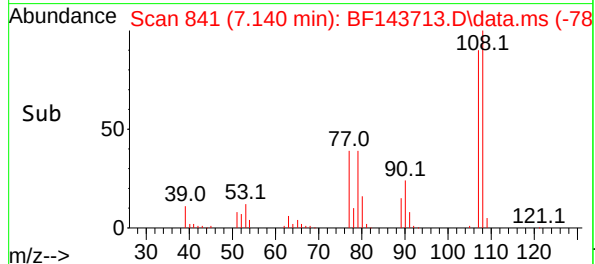
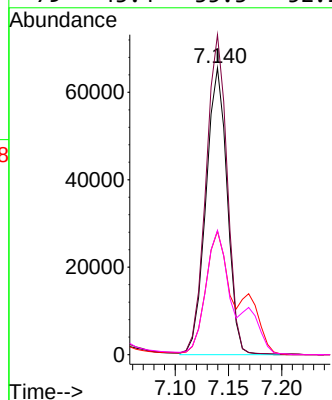
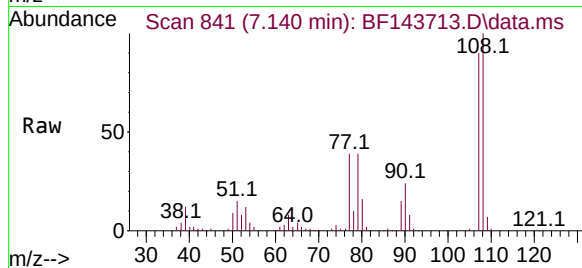




#17
2-Methylphenol
Concen: 47.048 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

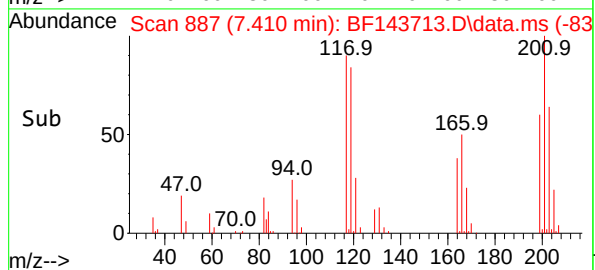
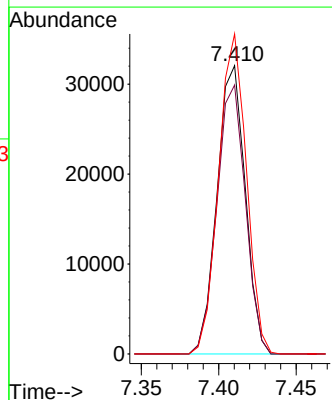
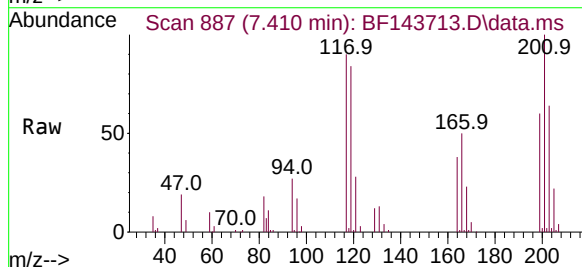
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

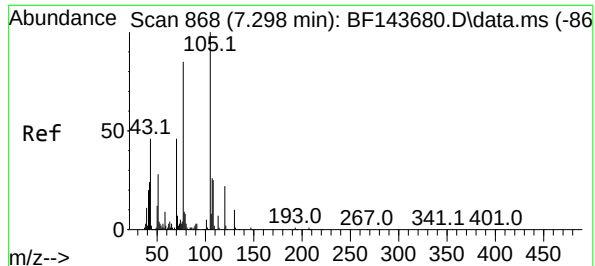
Tgt Ion:	107	Resp:	90924
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.9	136.3
77	43.1	34.4	51.6
79	43.4	35.3	52.9



#18
Hexachloroethane
Concen: 45.476 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion:	117	Resp:	40739
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.2	114.2
201	111.0	86.4	129.6





#19

n-Nitroso-di-n-propylamine

Concen: 47.818 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

Tgt Ion: 70 Resp: 79541

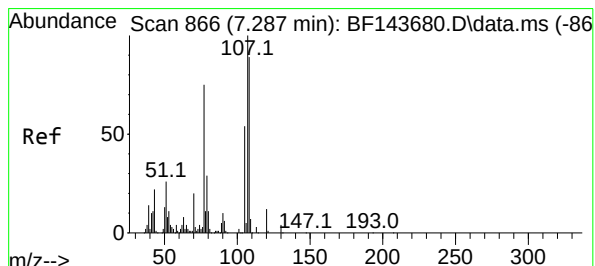
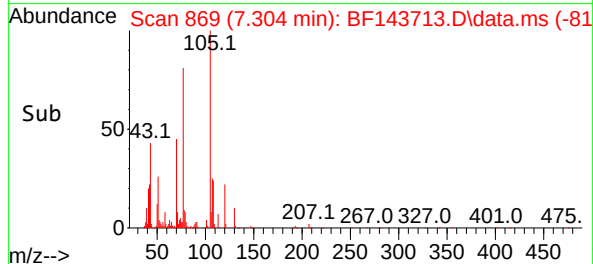
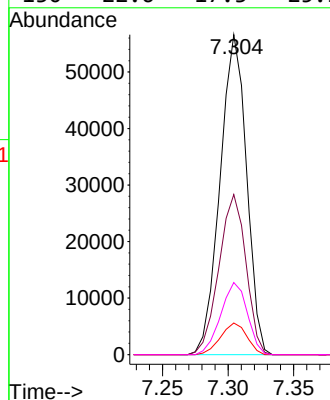
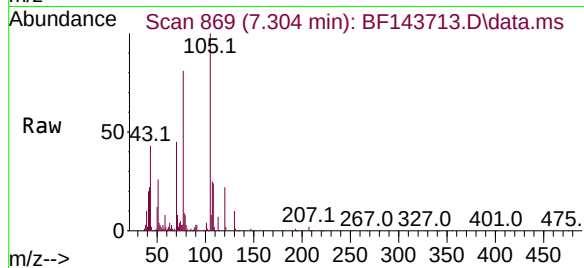
Ion Ratio Lower Upper

70 100

42 50.0 41.4 62.2

101 9.9 8.1 12.1

130 22.6 17.3 25.9



#20

3+4-Methylphenols

Concen: 46.441 ng

RT: 7.293 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Tgt Ion: 107 Resp: 118188

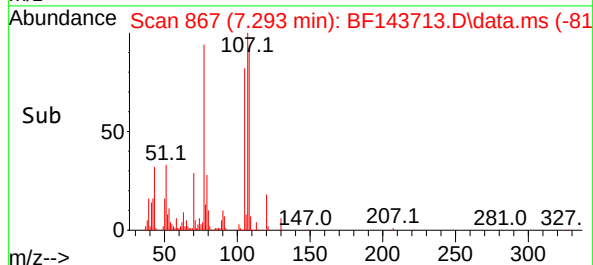
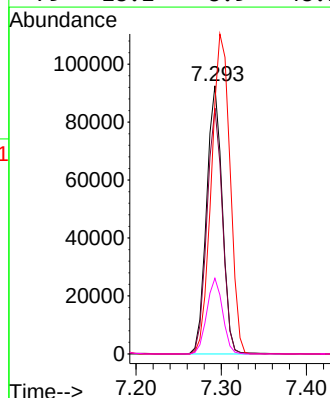
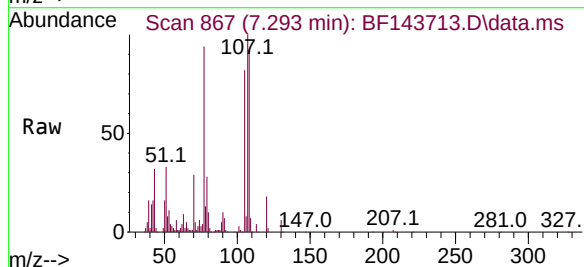
Ion Ratio Lower Upper

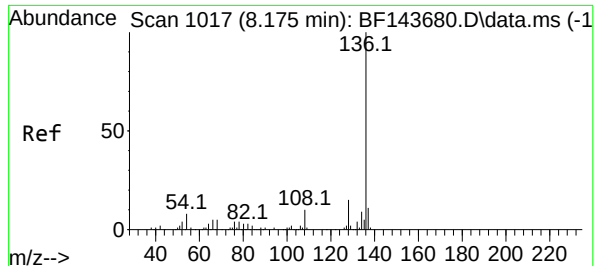
107 100

108 91.6 68.6 108.6

77 93.7 54.6 94.6

79 28.2 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

Tgt Ion:136 Resp: 143541

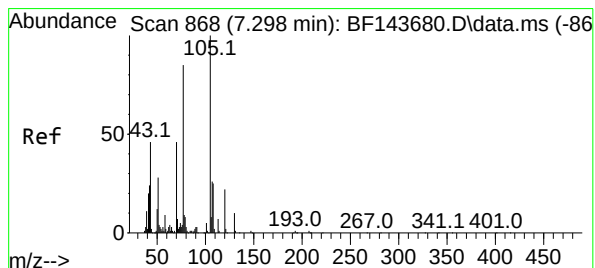
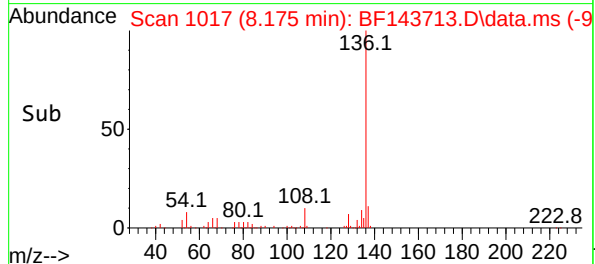
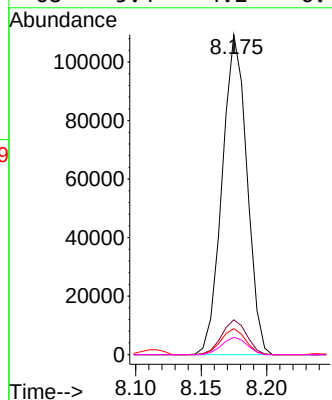
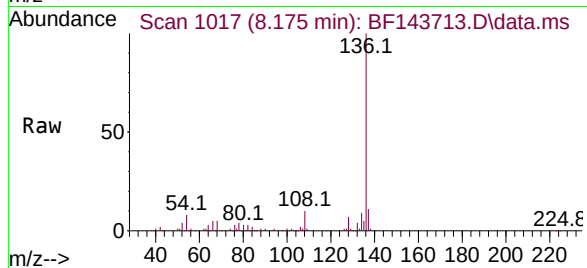
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.1 6.2 9.2

68 5.4 4.2 6.4



#22

Acetophenone

Concen: 54.317 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Tgt Ion:105 Resp: 176090

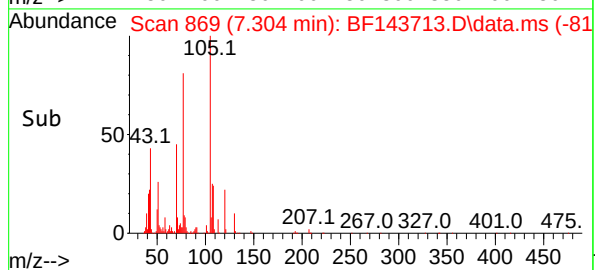
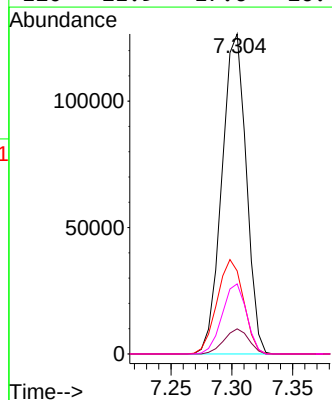
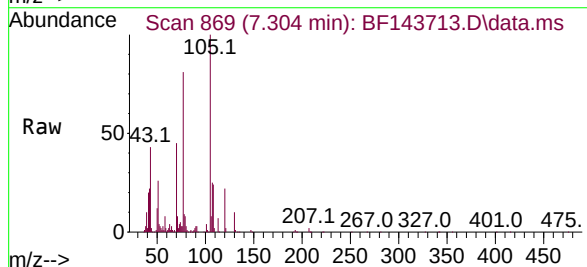
Ion Ratio Lower Upper

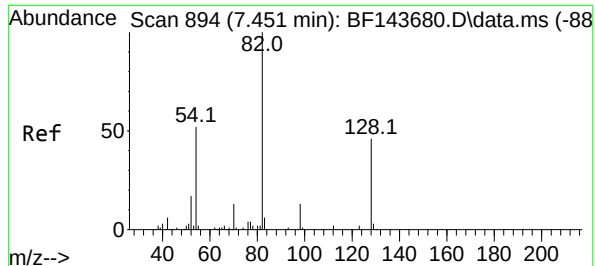
105 100

71 7.8 5.9 8.9

51 25.9 22.4 33.6

120 21.9 17.6 26.4





#23

Nitrobenzene-d5

Concen: 97.507 ng

RT: 7.457 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

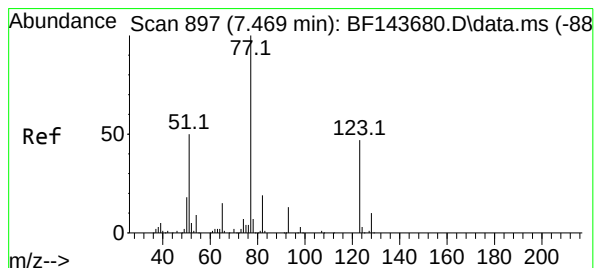
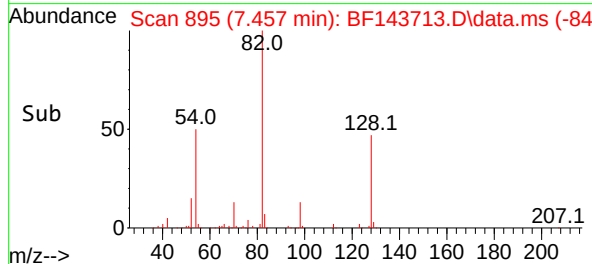
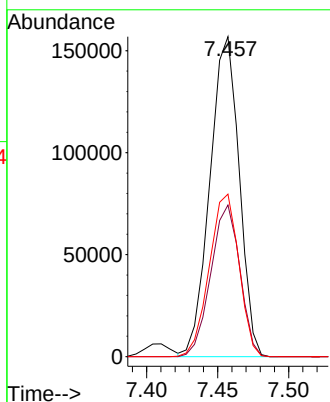
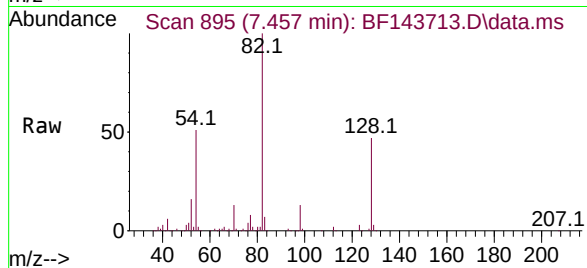
Tgt Ion: 82 Resp: 225017

Ion Ratio Lower Upper

82 100

128 47.4 37.0 55.4

54 50.8 41.8 62.8



#24

Nitrobenzene

Concen: 46.688 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

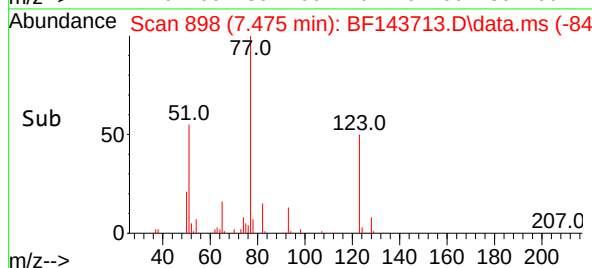
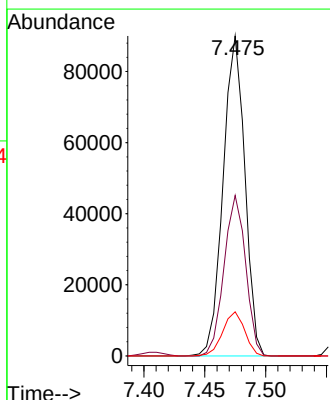
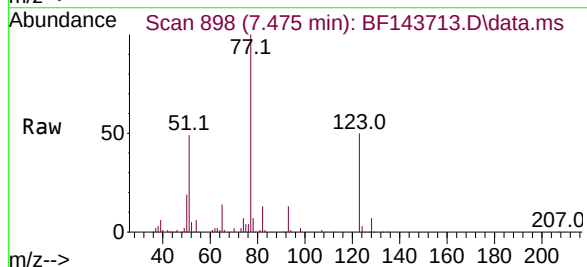
Tgt Ion: 77 Resp: 111717

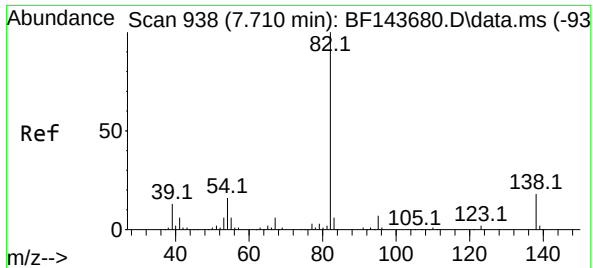
Ion Ratio Lower Upper

77 100

123 50.1 37.4 56.0

65 13.8 11.6 17.4

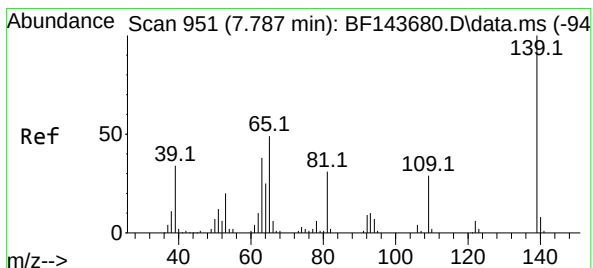
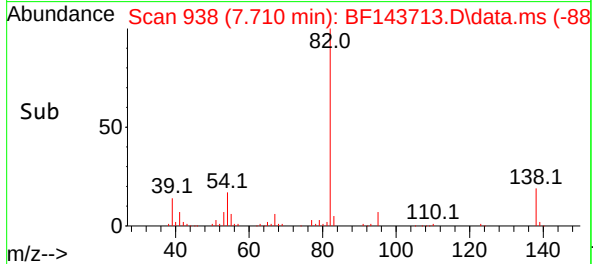
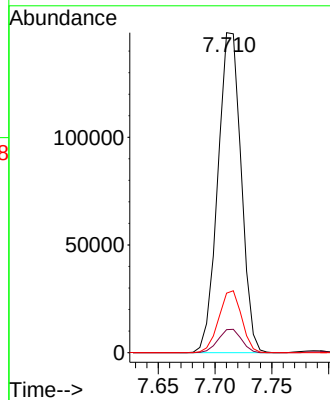
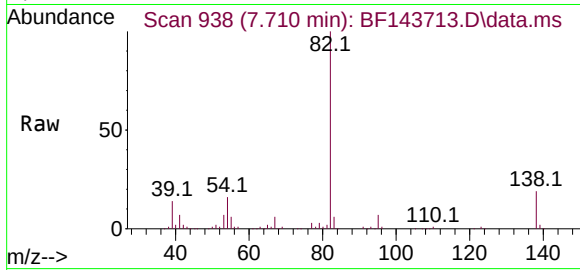




#25
Isophorone
Concen: 47.911 ng
RT: 7.710 min Scan# 938
Delta R.T. -0.000 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

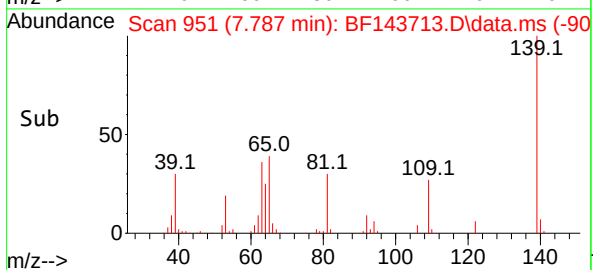
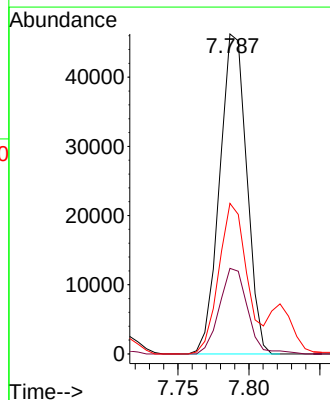
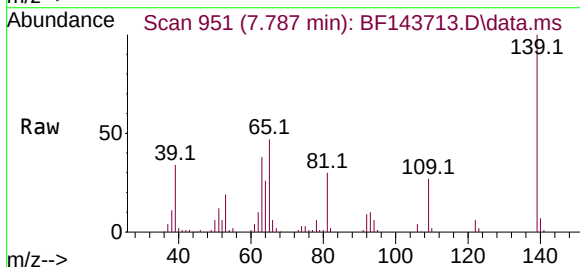
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

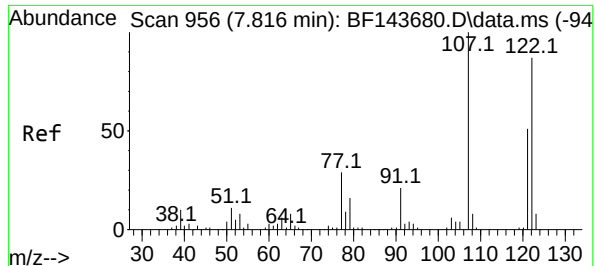
Tgt Ion: 82 Resp: 212014
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.6 14.8 22.2



#26
2-Nitrophenol
Concen: 52.178 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion: 139 Resp: 61387
Ion Ratio Lower Upper
139 100
109 26.7 22.8 34.2
65 47.0 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 50.604 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

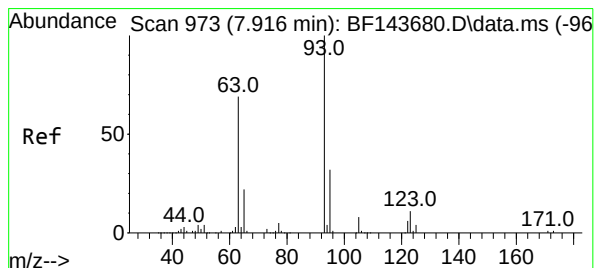
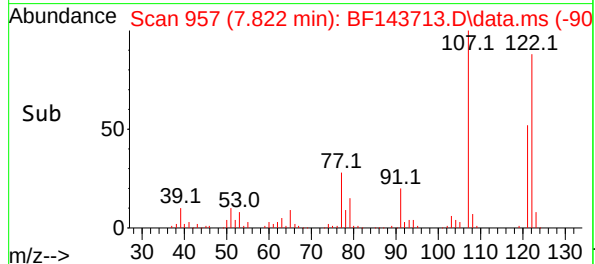
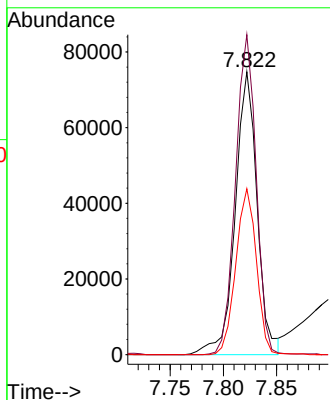
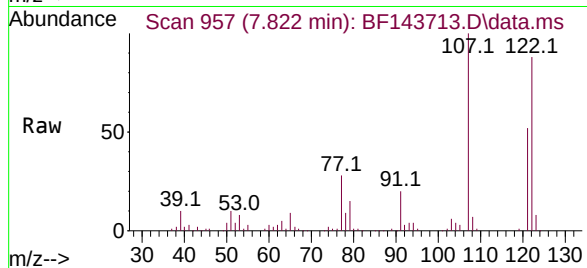
Tgt Ion:122 Resp: 106879

Ion Ratio Lower Upper

122 100

107 113.2 92.1 138.1

121 58.6 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 47.320 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

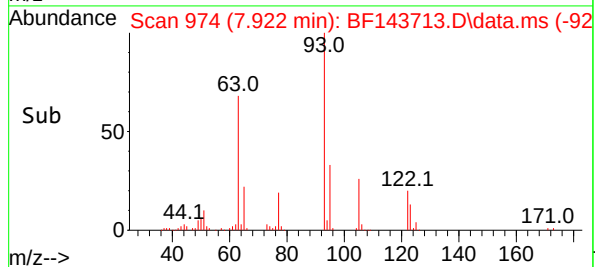
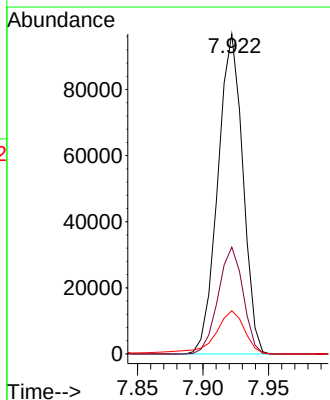
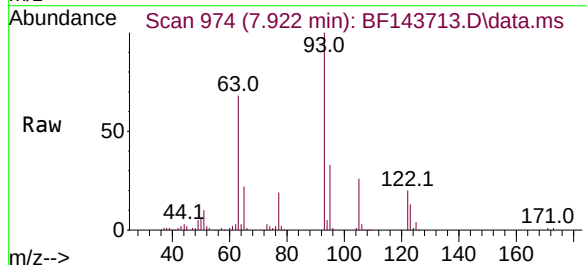
Tgt Ion: 93 Resp: 128683

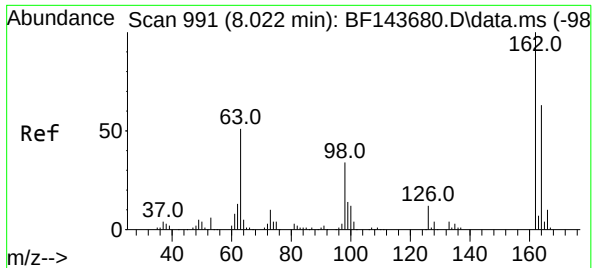
Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

123 13.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 46.956 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

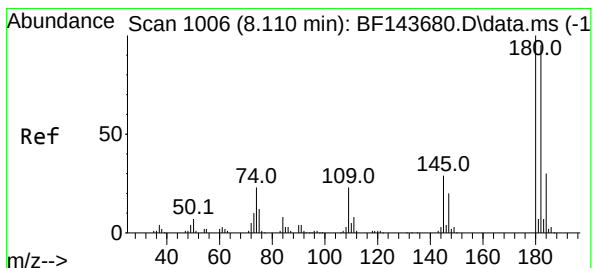
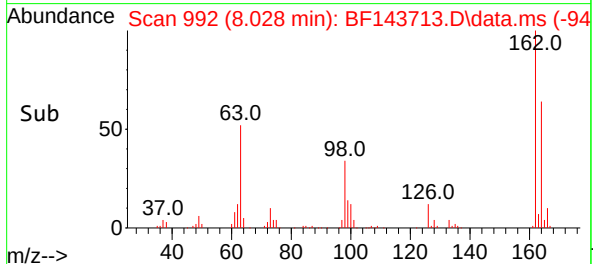
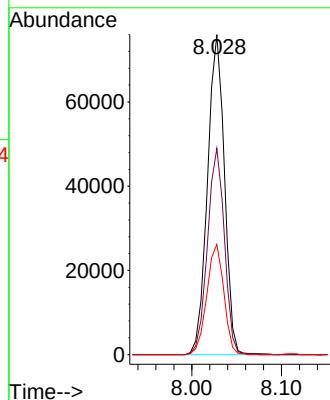
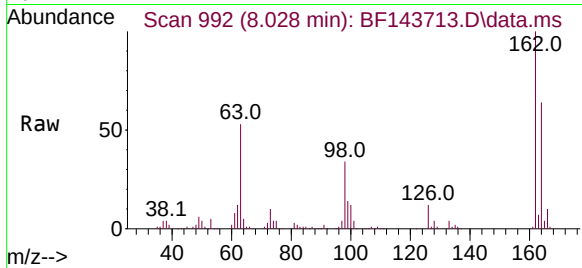
Tgt Ion:162 Resp: 99761

Ion Ratio Lower Upper

162 100

164 64.4 43.0 83.0

98 34.4 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 48.948 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

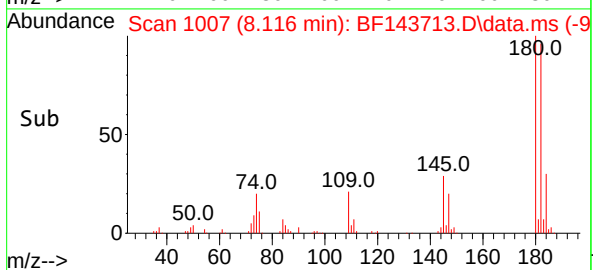
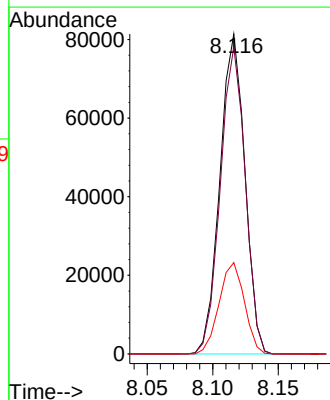
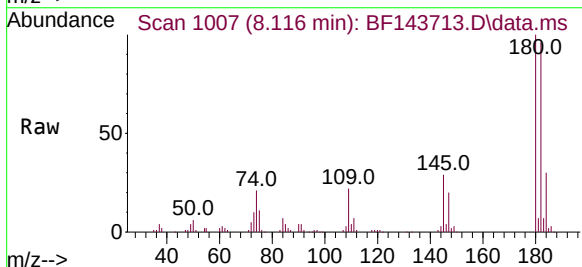
Tgt Ion:180 Resp: 107738

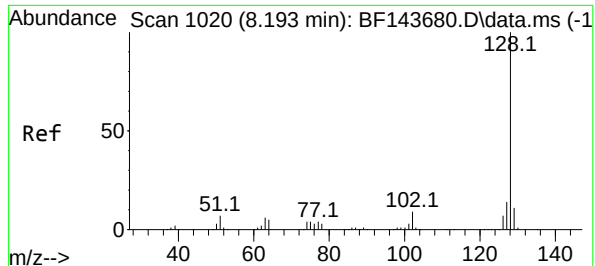
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

145 28.5 23.2 34.8





#31

Naphthalene

Concen: 46.608 ng

RT: 8.198 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

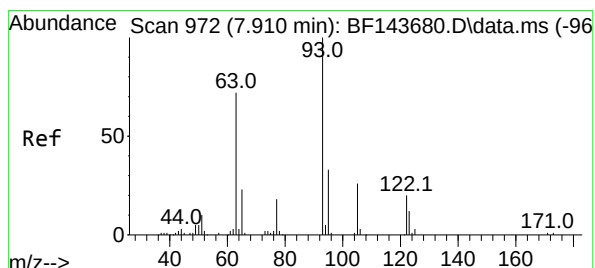
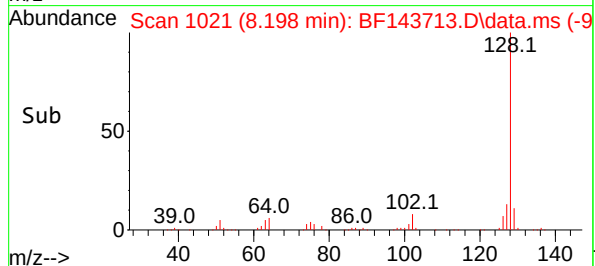
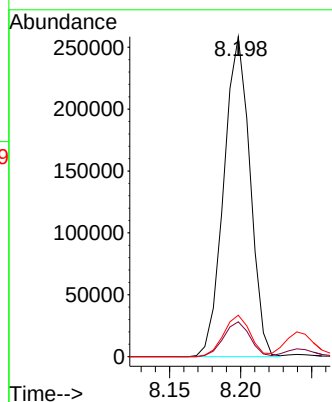
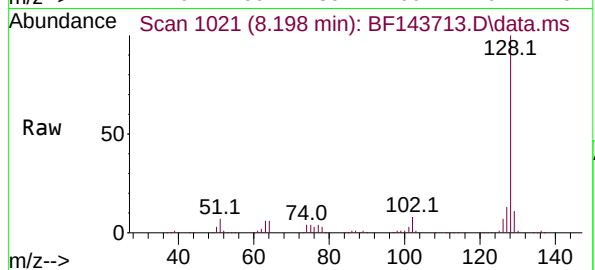
Tgt Ion:128 Resp: 331188

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.9 10.9 16.3



#32

Benzoic acid

Concen: 53.884 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

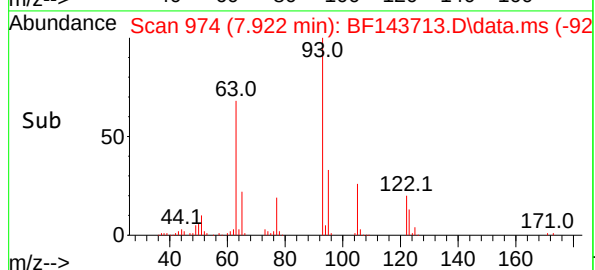
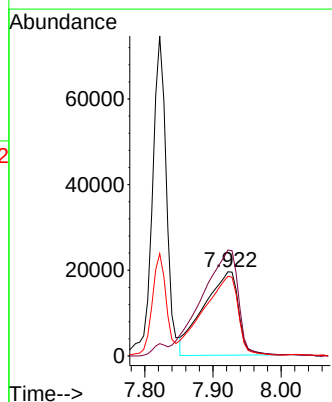
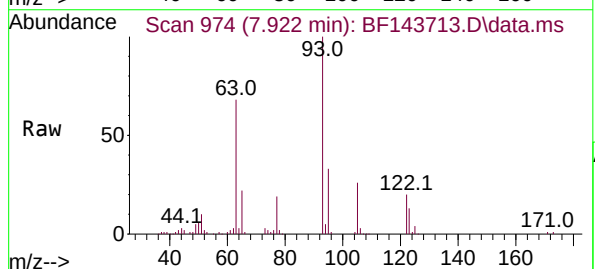
Tgt Ion:122 Resp: 69432

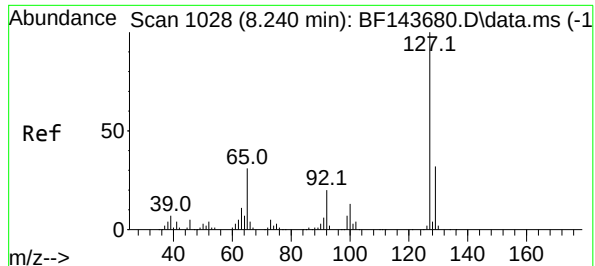
Ion Ratio Lower Upper

122 100

105 125.8 105.2 145.2

77 94.7 72.0 112.0





#33

4-Chloroaniline

Concen: 12.085 ng

RT: 8.240 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

Tgt Ion:127 Resp: 29895

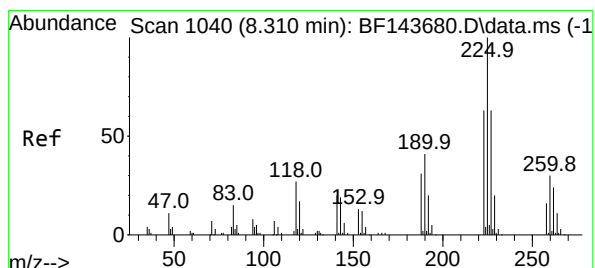
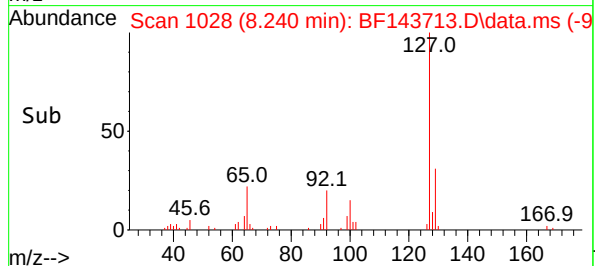
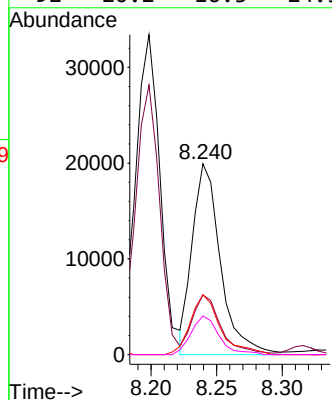
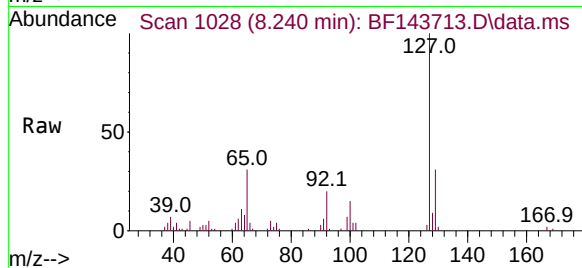
Ion Ratio Lower Upper

127 100

129 31.3 26.0 39.0

65 31.3 24.6 36.8

92 20.2 16.3 24.5



#34

Hexachlorobutadiene

Concen: 45.383 ng

RT: 8.316 min Scan# 1041

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

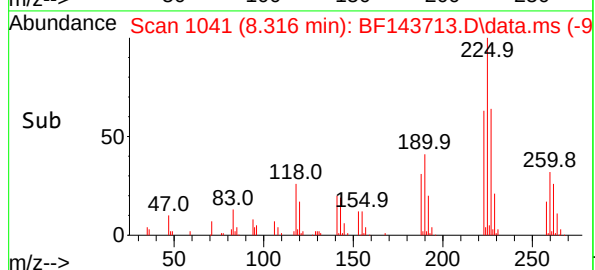
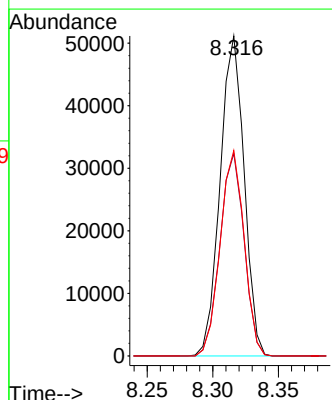
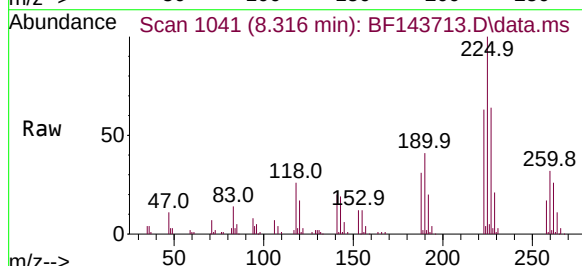
Tgt Ion:225 Resp: 65154

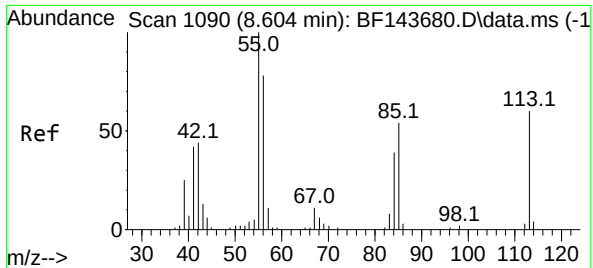
Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

227 64.2 50.8 76.2





#35

Caprolactam

Concen: 45.255 ng

RT: 8.610 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

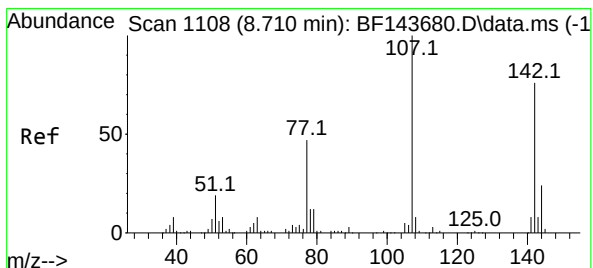
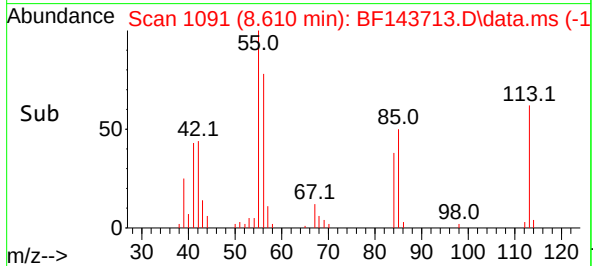
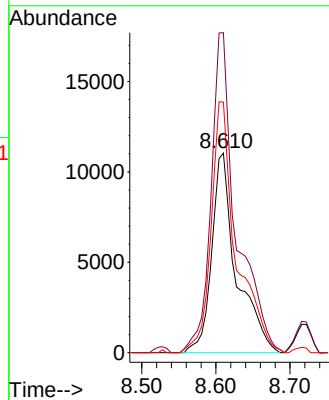
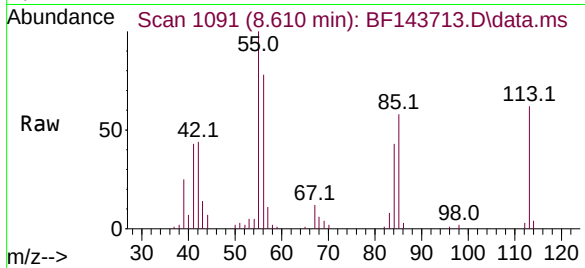
Tgt Ion:113 Resp: 25590

Ion Ratio Lower Upper

113 100

55 160.5 148.9 188.9

56 125.6 112.8 152.8



#36

4-Chloro-3-methylphenol

Concen: 47.717 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

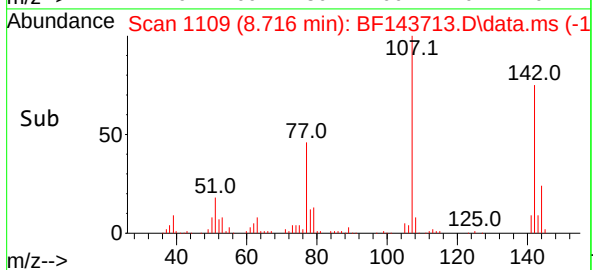
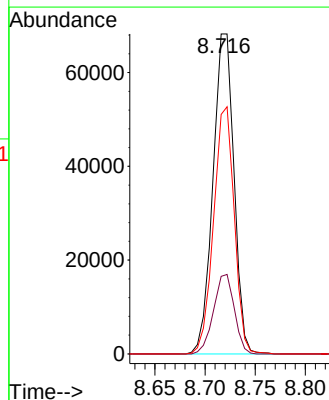
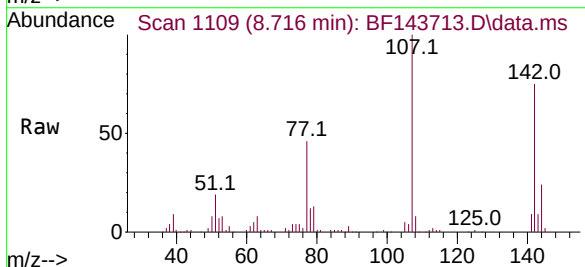
Tgt Ion:107 Resp: 99959

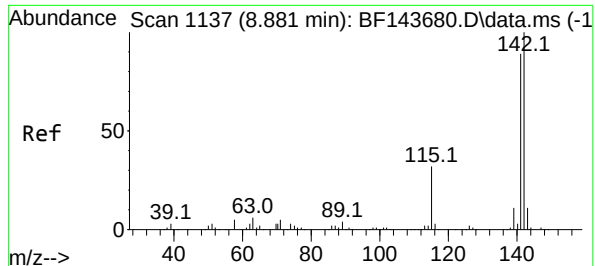
Ion Ratio Lower Upper

107 100

144 24.2 19.4 29.2

142 74.8 60.6 91.0





#37

2-Methylnaphthalene

Concen: 41.952 ng

RT: 8.887 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

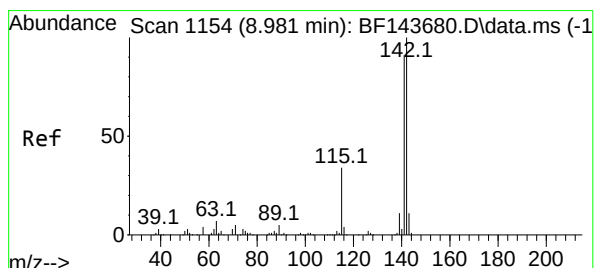
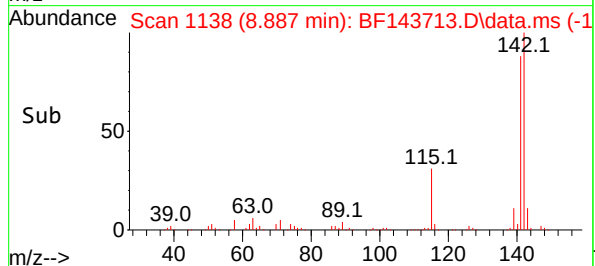
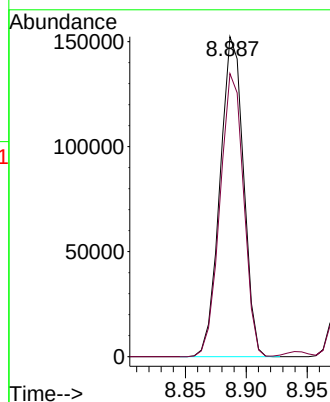
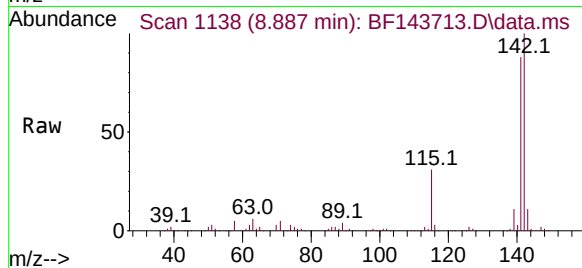
SOIL-PILE-1MSD

Tgt Ion:142 Resp: 204062

Ion Ratio Lower Upper

142 100

141 88.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 44.536 ng

RT: 8.987 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BF143713.D

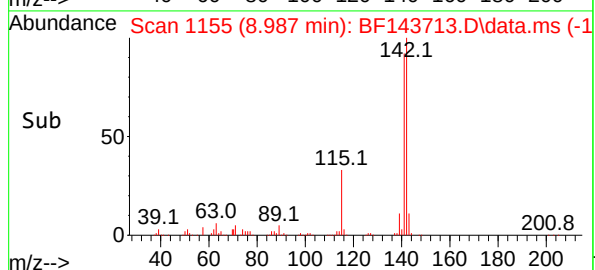
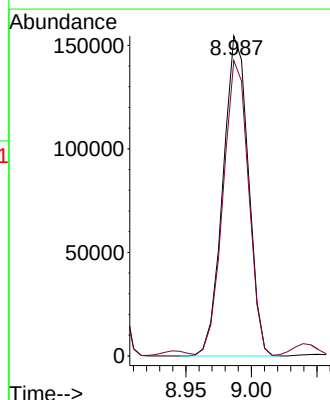
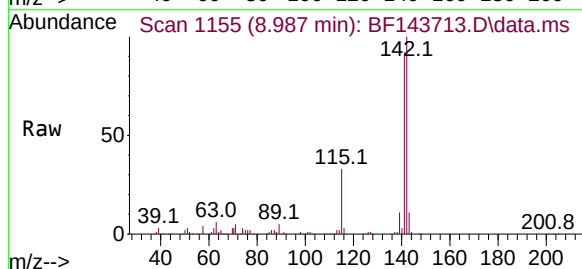
Acq: 11 Sep 2025 18:29

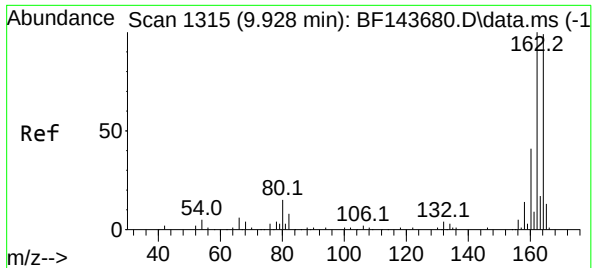
Tgt Ion:142 Resp: 207897

Ion Ratio Lower Upper

142 100

141 92.3 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

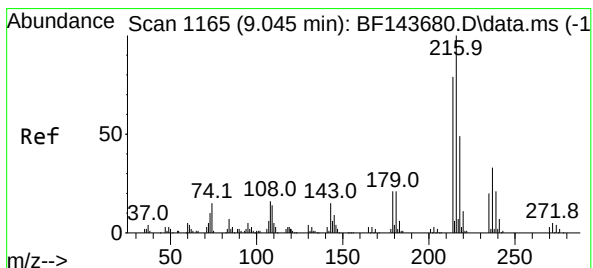
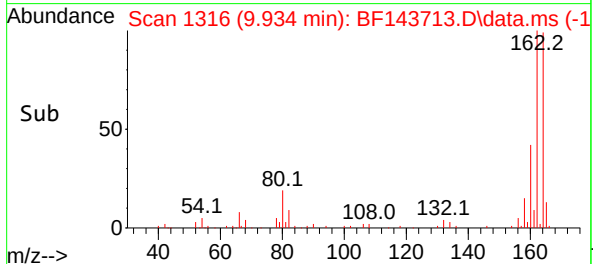
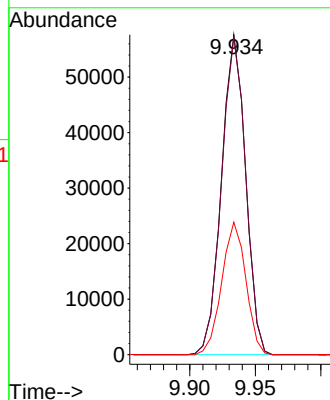
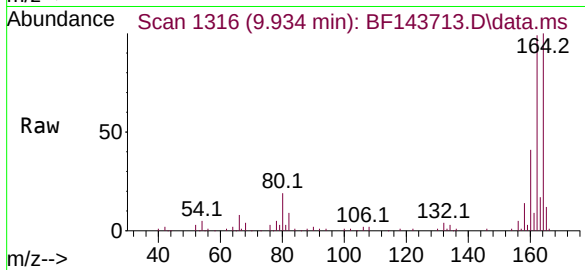
Tgt Ion:164 Resp: 73691

Ion Ratio Lower Upper

164 100

162 99.0 80.6 121.0

160 41.4 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.156 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Tgt Ion:216 Resp: 118470

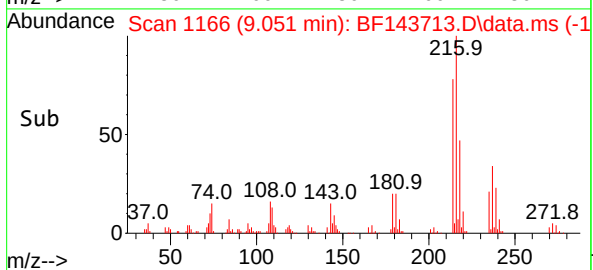
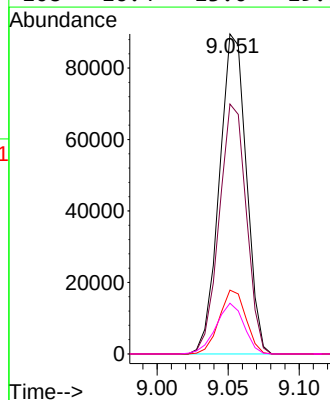
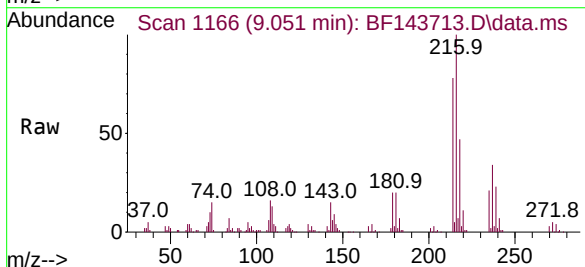
Ion Ratio Lower Upper

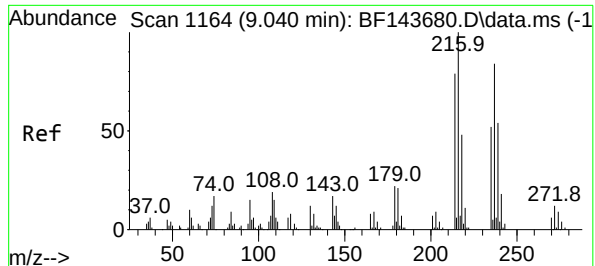
216 100

214 78.2 63.2 94.8

179 19.6 16.8 25.2

108 16.4 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 67.117 ng

RT: 9.040 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

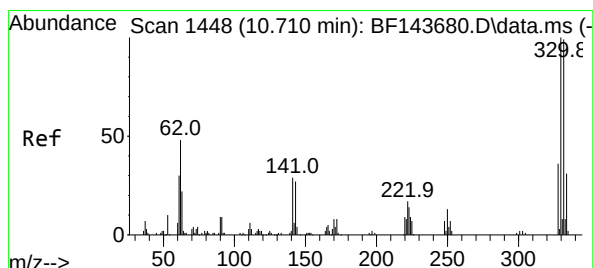
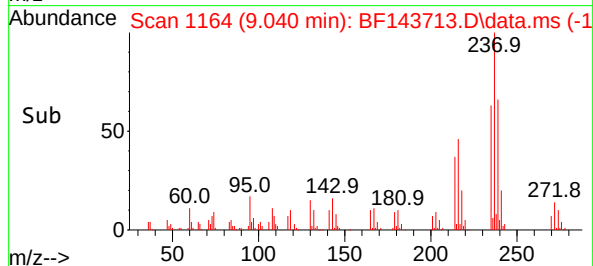
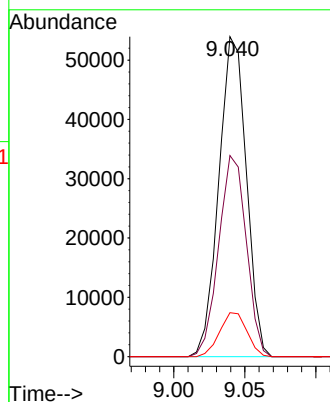
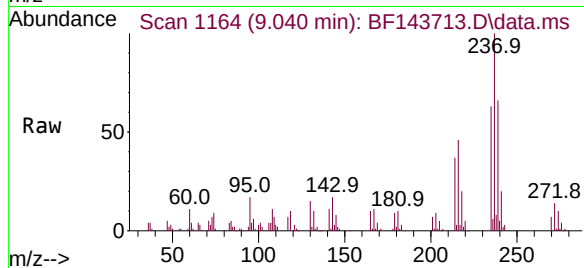
Tgt Ion:237 Resp: 72694

Ion Ratio Lower Upper

237 100

235 62.8 41.6 81.6

272 13.7 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 133.094 ng

RT: 10.722 min Scan# 1450

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

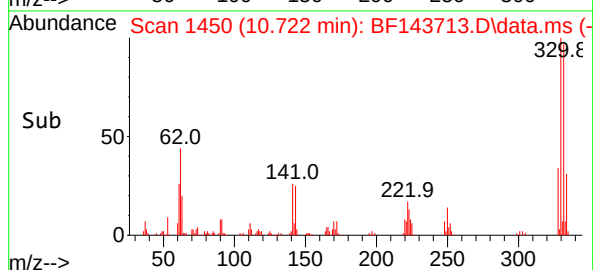
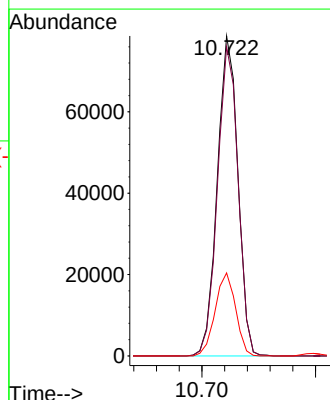
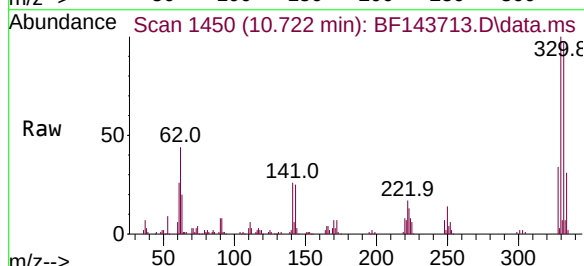
Tgt Ion:330 Resp: 98841

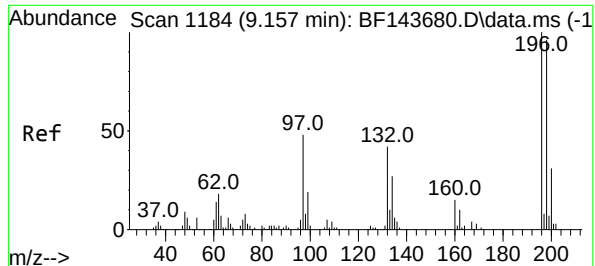
Ion Ratio Lower Upper

330 100

332 96.8 79.2 118.8

141 25.8 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 51.129 ng

RT: 9.163 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

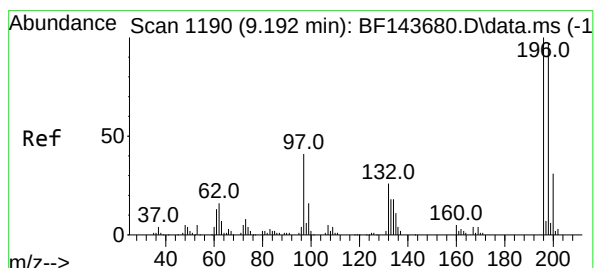
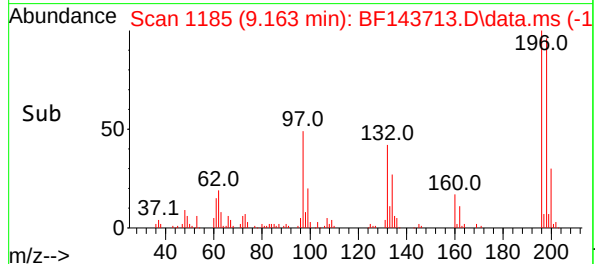
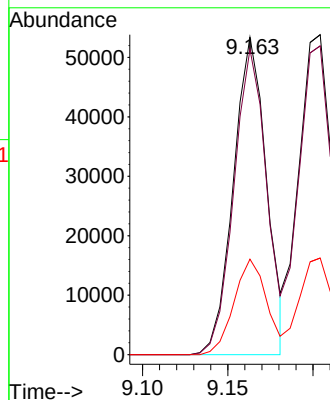
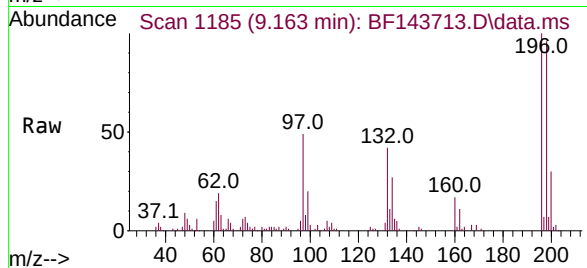
Tgt Ion:196 Resp: 72026

Ion Ratio Lower Upper

196 100

198 96.2 76.5 114.7

200 30.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 50.953 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Tgt Ion:196 Resp: 72970

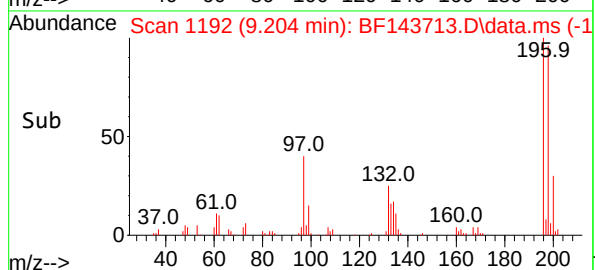
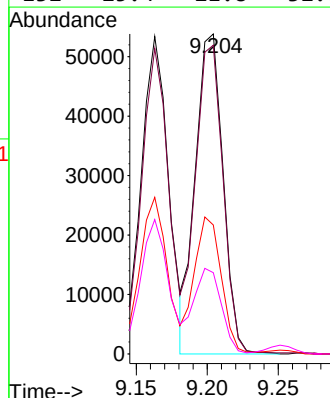
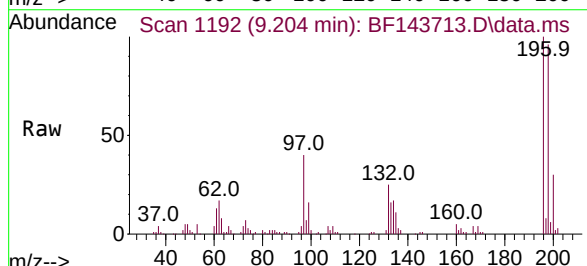
Ion Ratio Lower Upper

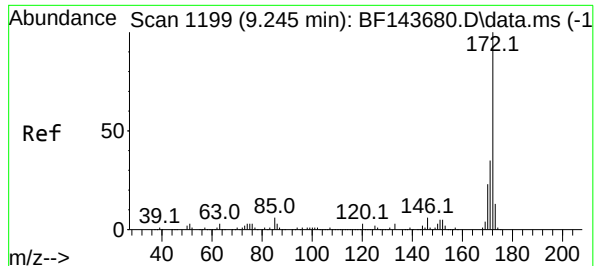
196 100

198 96.5 77.0 115.6

97 40.3 34.2 51.4

132 25.4 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 100.602 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

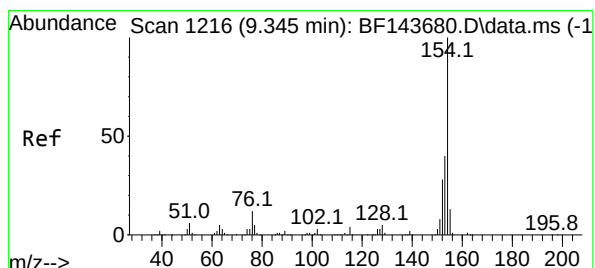
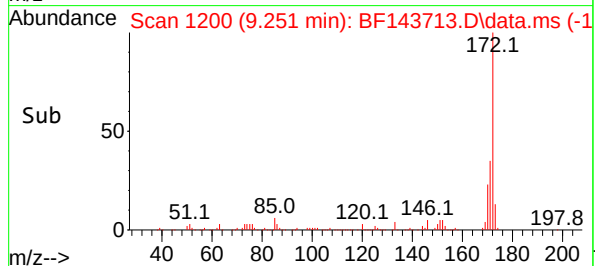
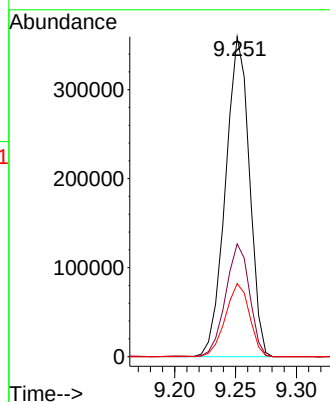
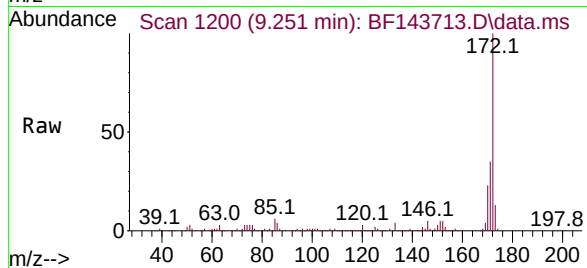
Tgt Ion:172 Resp: 490757

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 22.8 18.6 27.8



#46

1,1'-Biphenyl

Concen: 58.209 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

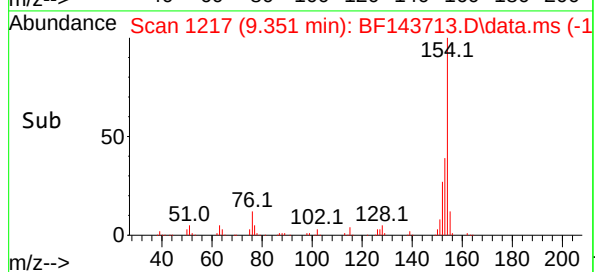
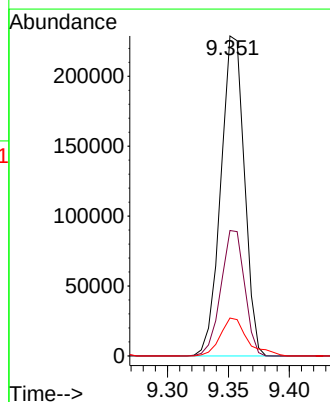
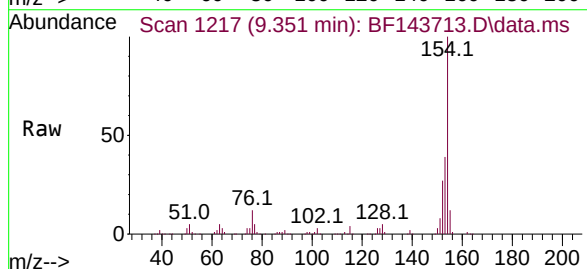
Tgt Ion:154 Resp: 308807

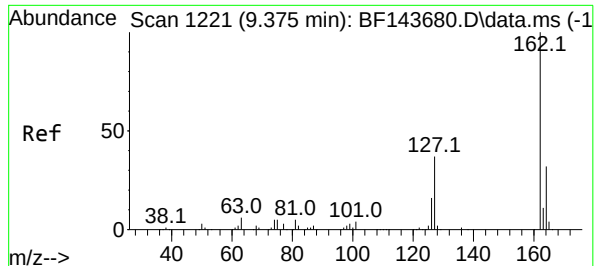
Ion Ratio Lower Upper

154 100

153 39.2 20.2 60.2

76 11.8 0.0 31.6





#47

2-Chloronaphthalene

Concen: 50.250 ng

RT: 9.381 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

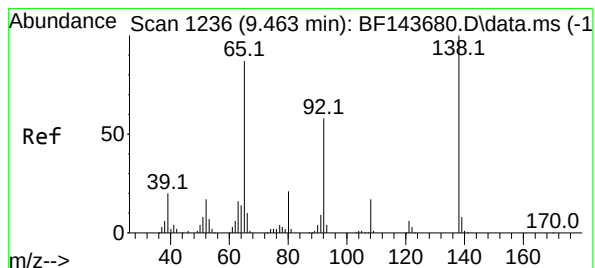
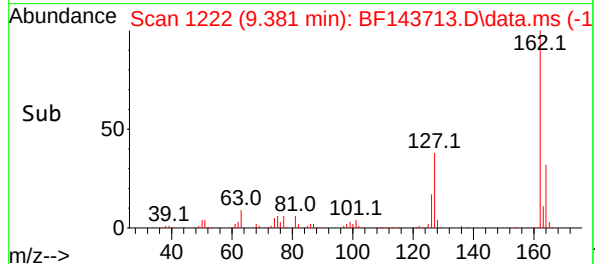
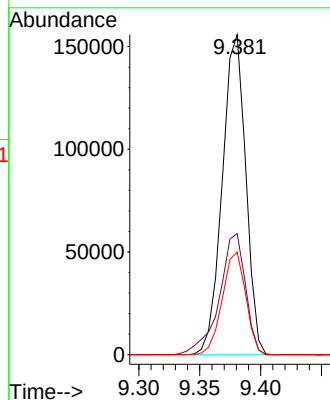
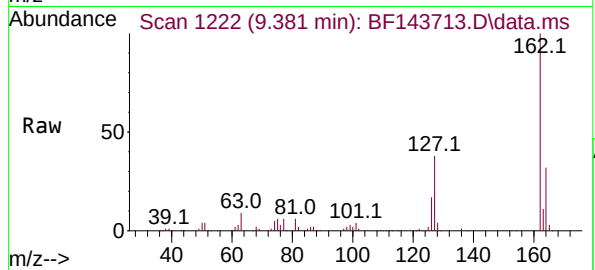
Tgt Ion:162 Resp: 208993

Ion Ratio Lower Upper

162 100

127 37.8 30.6 45.8

164 32.0 25.8 38.8



#48

2-Nitroaniline

Concen: 53.915 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

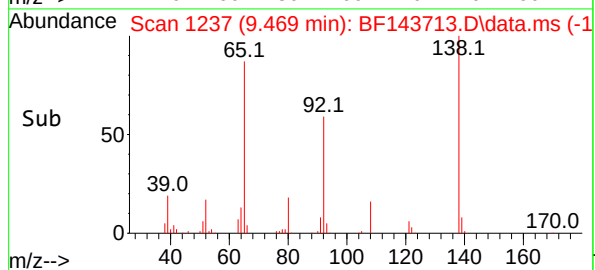
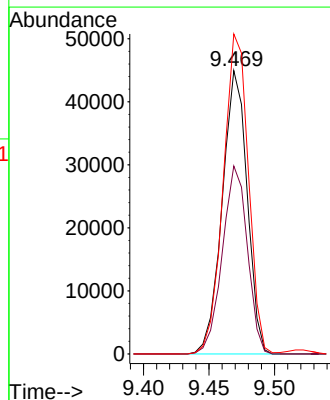
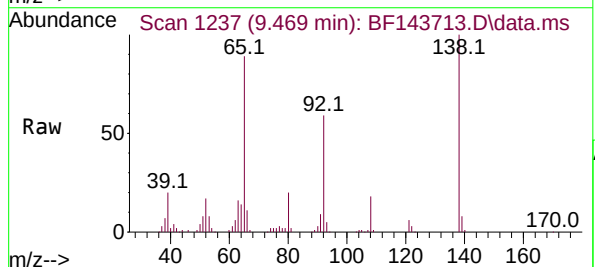
Tgt Ion: 65 Resp: 59341

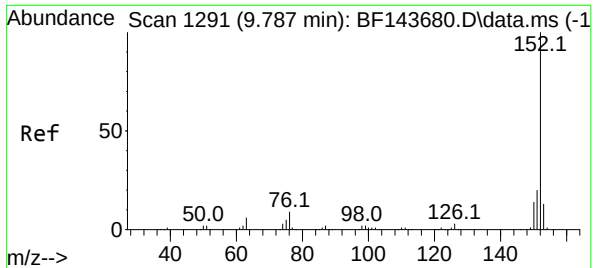
Ion Ratio Lower Upper

65 100

92 66.4 53.3 79.9

138 113.0 92.1 138.1





#49

Acenaphthylene

Concen: 56.697 ng

RT: 9.798 min Scan# 1293

Delta R.T. 0.012 min

Lab File: BF143713.D

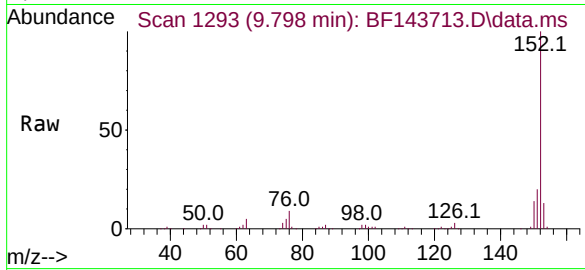
Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD



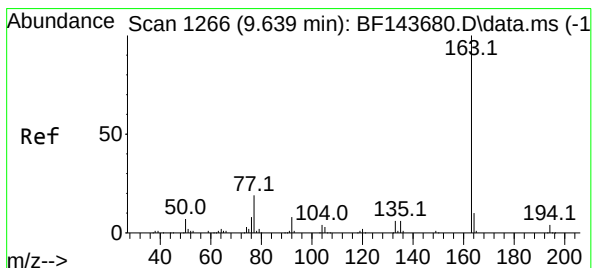
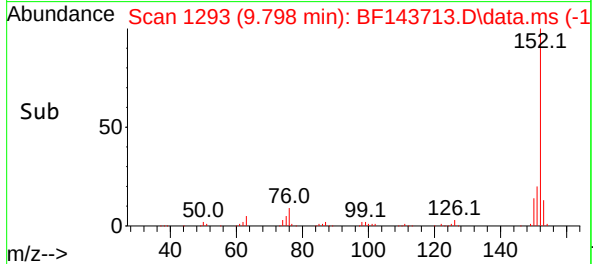
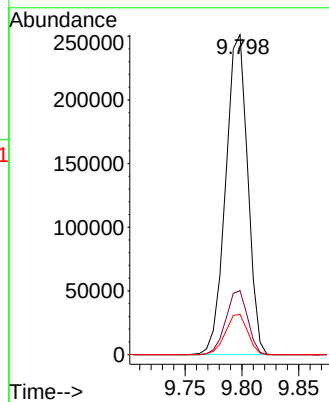
Tgt Ion:152 Resp: 337775

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 12.6 10.4 15.6



#50

Dimethylphthalate

Concen: 51.990 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

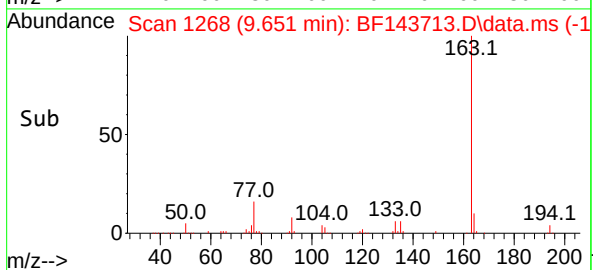
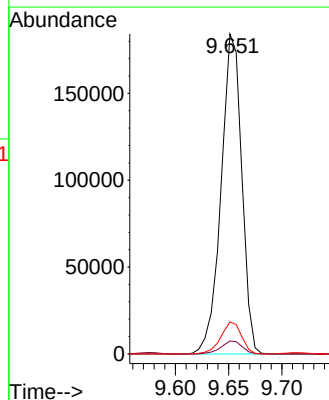
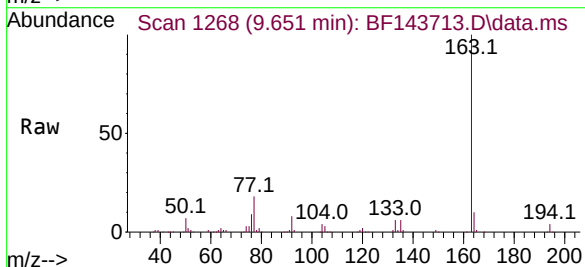
Tgt Ion:163 Resp: 249269

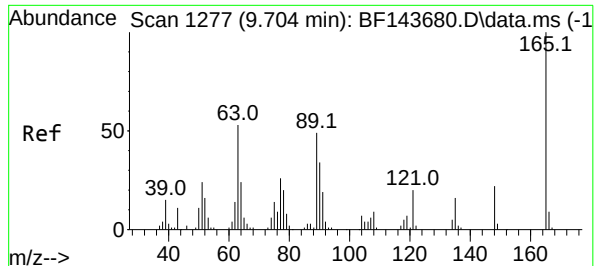
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.0 8.0 12.0

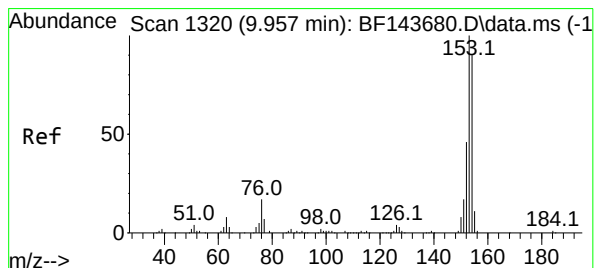
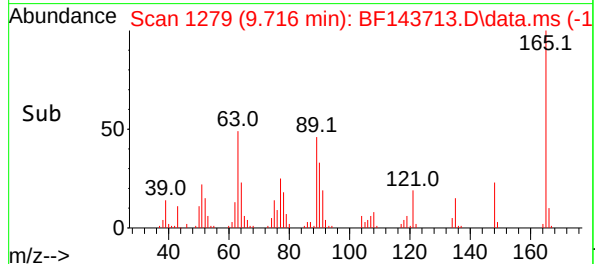
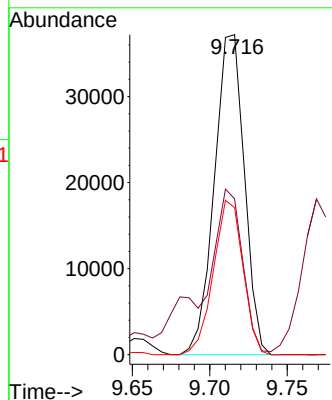
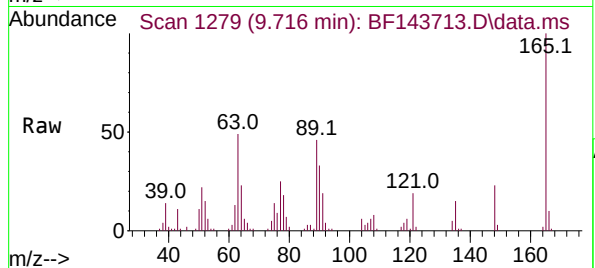




#51
2,6-Dinitrotoluene
Concen: 54.890 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

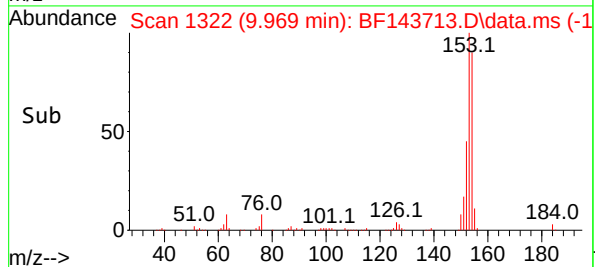
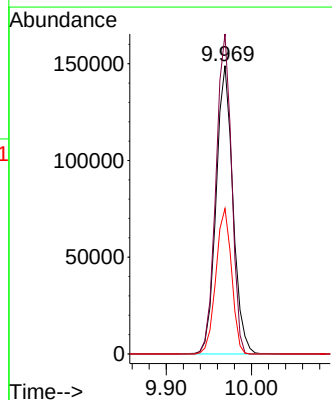
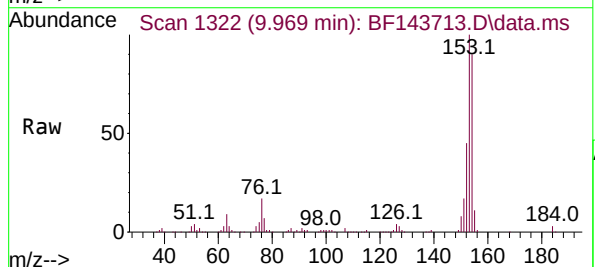
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

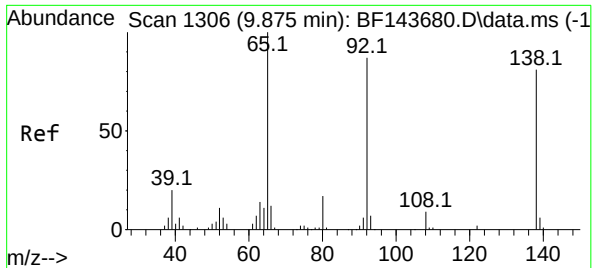
Tgt Ion:165 Resp: 50318
Ion Ratio Lower Upper
165 100
63 48.7 42.2 63.4
89 45.9 39.3 58.9



#52
Acenaphthene
Concen: 49.836 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion:154 Resp: 204592
Ion Ratio Lower Upper
154 100
153 111.0 89.4 134.0
152 50.4 41.2 61.8

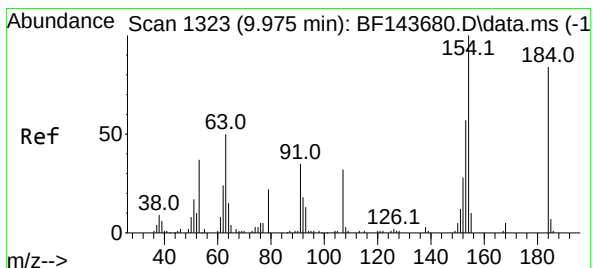
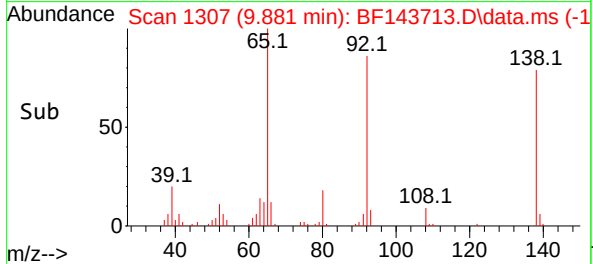
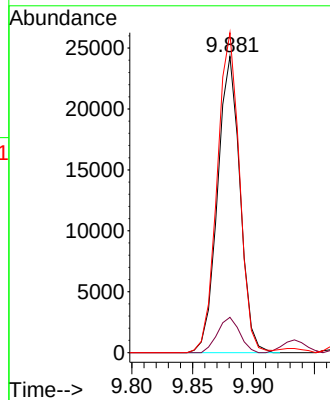
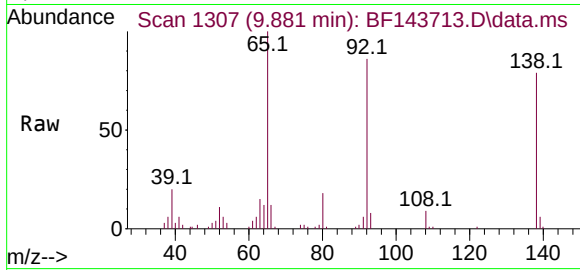




#53
3-Nitroaniline
Concen: 31.613 ng
RT: 9.881 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

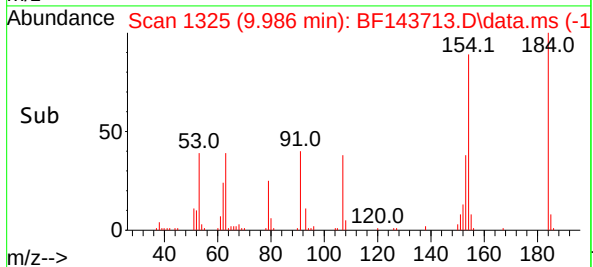
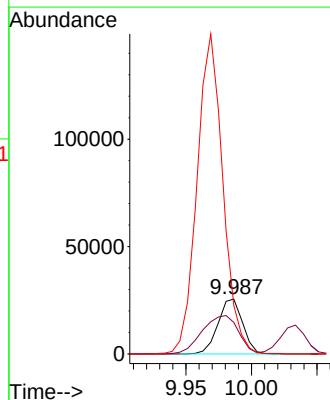
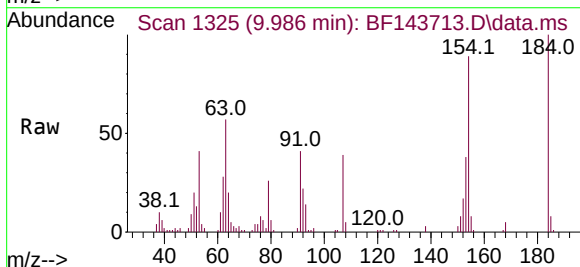
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

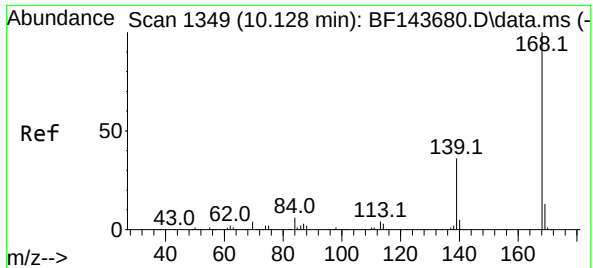
Tgt Ion:138 Resp: 31187
Ion Ratio Lower Upper
138 100
108 11.9 8.6 12.8
92 108.0 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 68.382 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion:184 Resp: 33293
Ion Ratio Lower Upper
184 100
63 57.3 52.7 79.1
154 88.7 136.6 204.8#

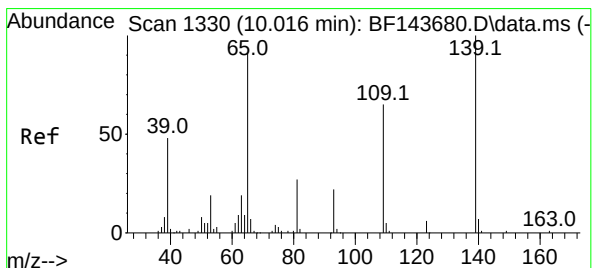
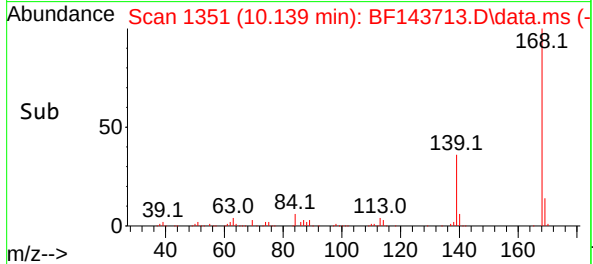
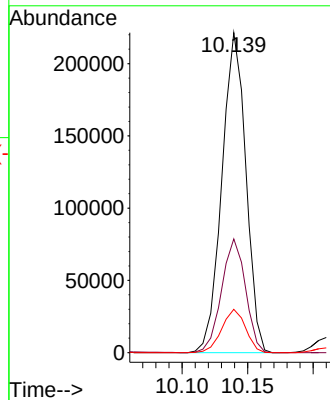
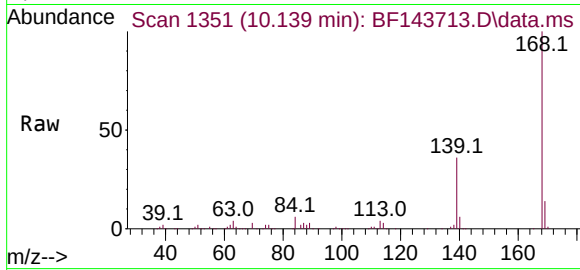




#55
Dibenzenofuran
Concen: 47.849 ng
RT: 10.139 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

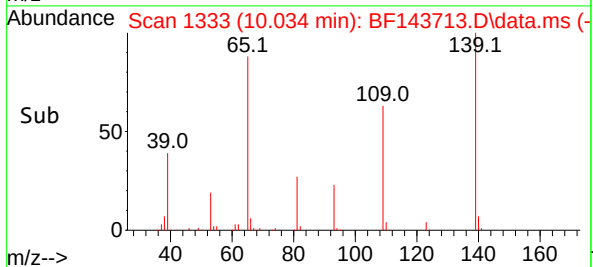
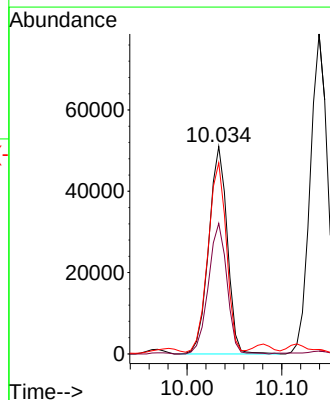
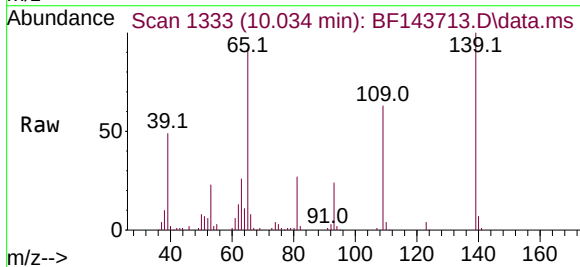
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

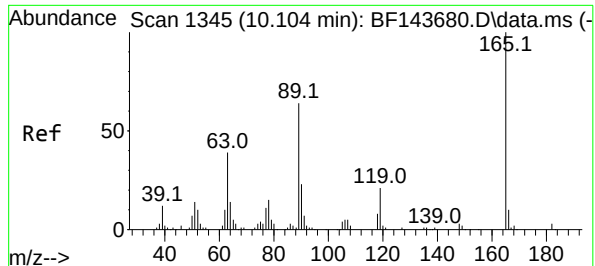
Tgt Ion:168 Resp: 282460
Ion Ratio Lower Upper
168 100
139 35.5 29.0 43.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 88.513 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.018 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion:139 Resp: 69470
Ion Ratio Lower Upper
139 100
109 62.9 45.2 85.2
65 92.2 72.1 112.1





#57

2,4-Dinitrotoluene

Concen: 52.103 ng

RT: 10.116 min Scan# 1345

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

Tgt Ion:165 Resp: 65006

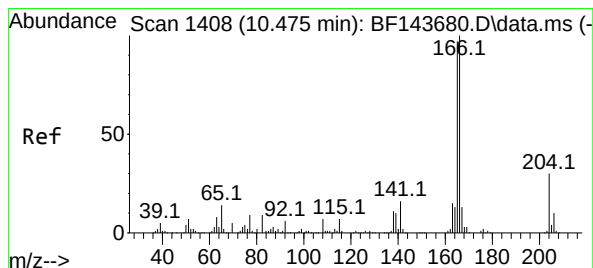
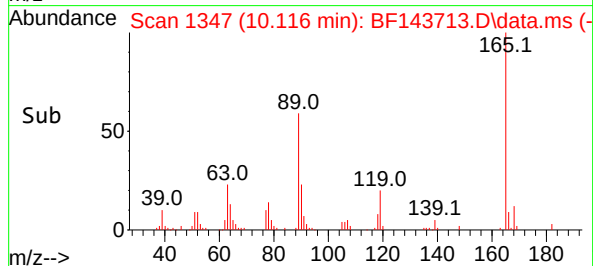
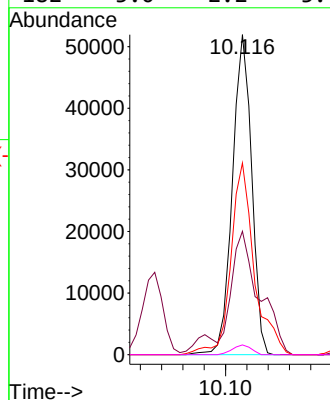
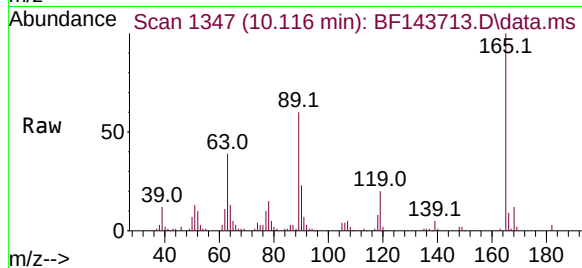
Ion Ratio Lower Upper

165 100

63 38.5 31.5 47.3

89 59.9 51.3 76.9

182 3.0 2.2 3.4



#58

Fluorene

Concen: 48.331 ng

RT: 10.481 min Scan# 1409

Delta R.T. 0.006 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

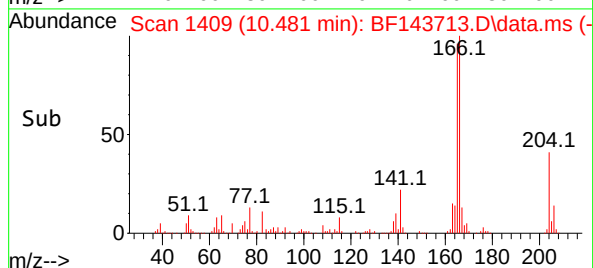
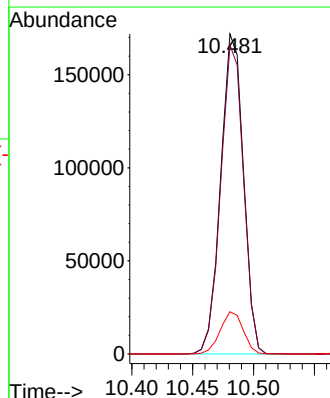
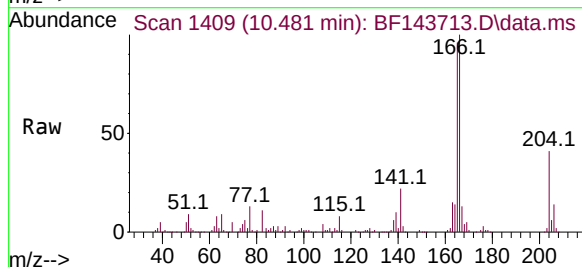
Tgt Ion:166 Resp: 223335

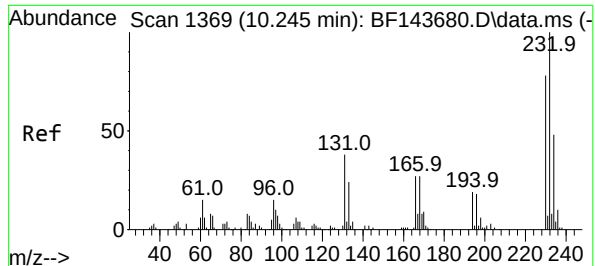
Ion Ratio Lower Upper

166 100

165 96.5 77.5 116.3

167 13.2 10.2 15.2

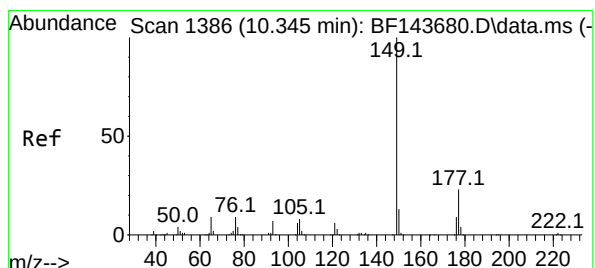
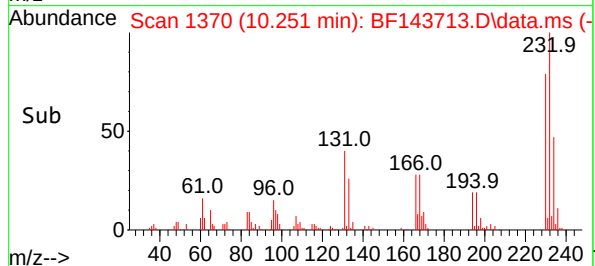
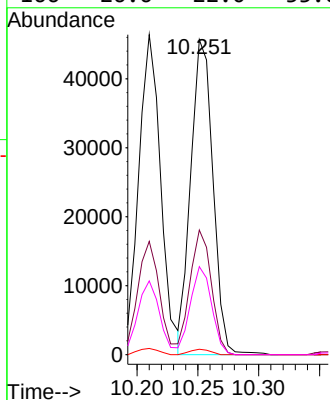
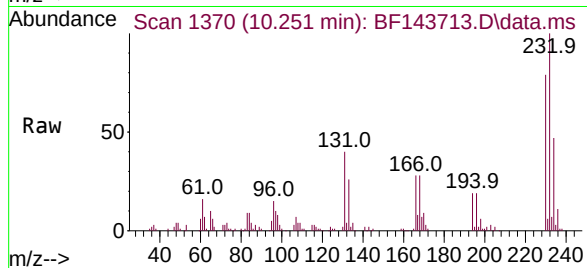




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.825 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

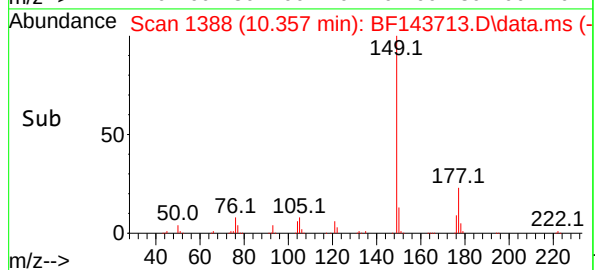
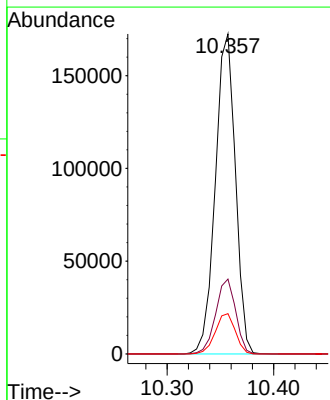
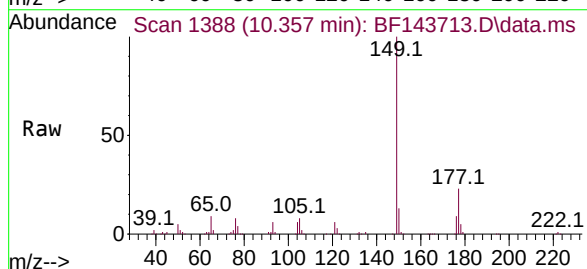
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

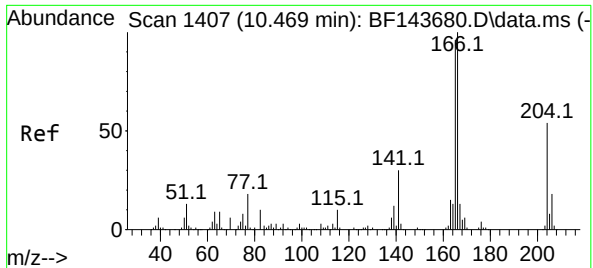
Tgt Ion:232 Resp: 57858
Ion Ratio Lower Upper
232 100
131 38.8 31.9 47.9
130 1.6 1.4 2.0
166 26.6 22.0 33.0



#60
Diethylphthalate
Concen: 50.262 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion:149 Resp: 226244
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 12.6 10.0 15.0

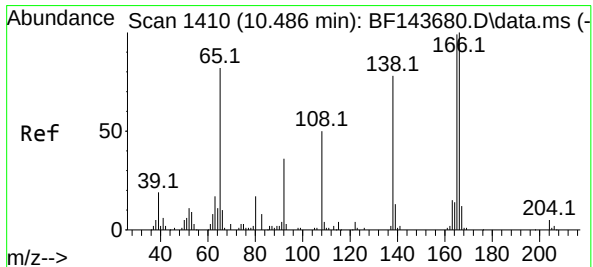
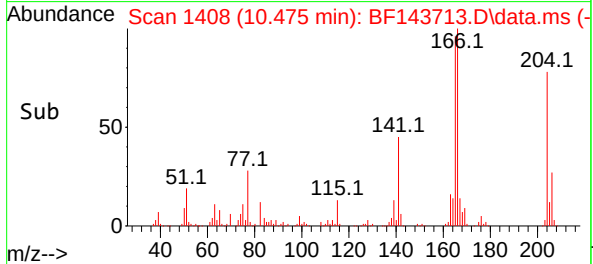
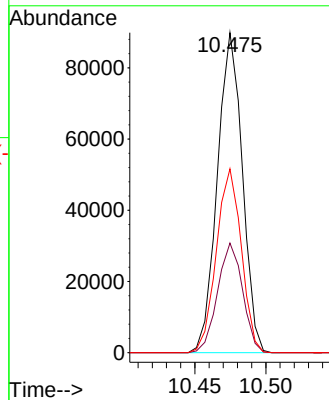
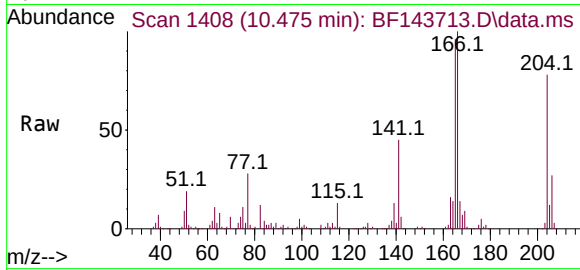




#61
4-Chlorophenyl-phenylether
Concen: 47.017 ng
RT: 10.475 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

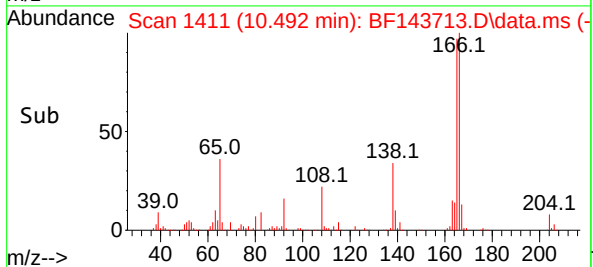
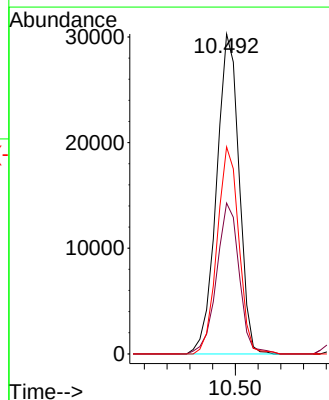
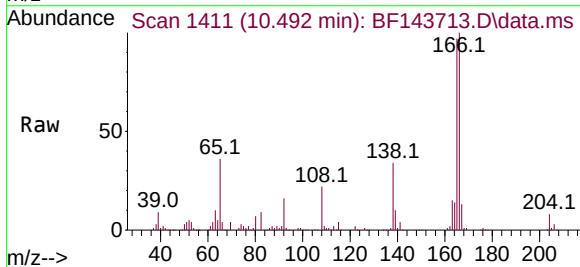
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

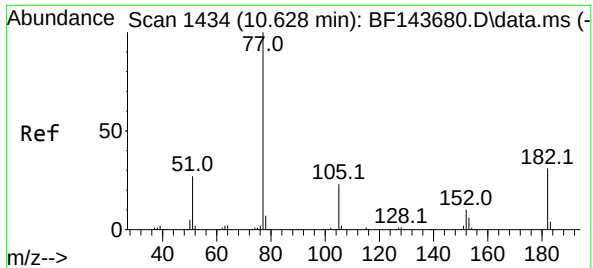
Tgt Ion:204 Resp: 110187
Ion Ratio Lower Upper
204 100
206 34.2 26.0 39.0
141 57.4 44.8 67.2



#62
4-Nitroaniline
Concen: 44.395 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion:138 Resp: 41481
Ion Ratio Lower Upper
138 100
92 47.2 26.4 66.4
108 64.7 44.3 84.3

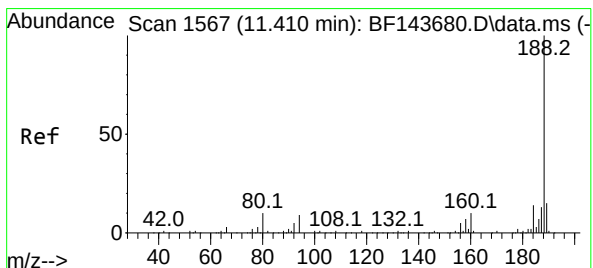
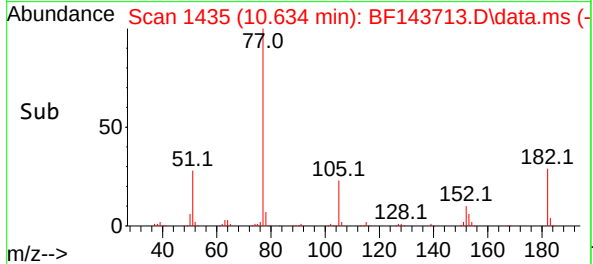
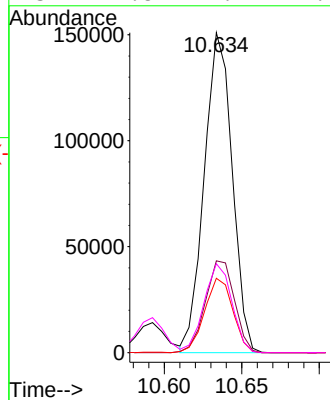
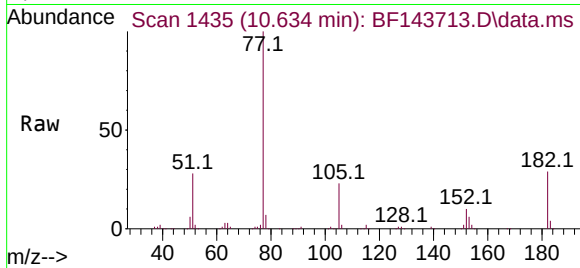




#63
Azobenzene
Concen: 47.585 ng
RT: 10.634 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

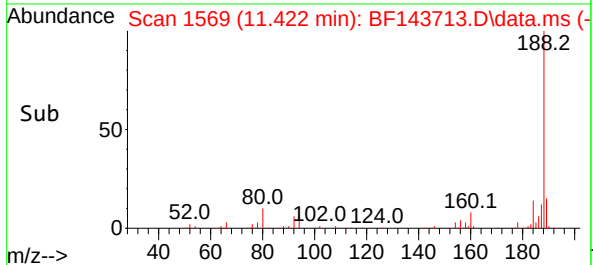
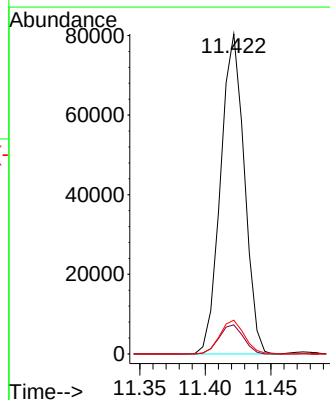
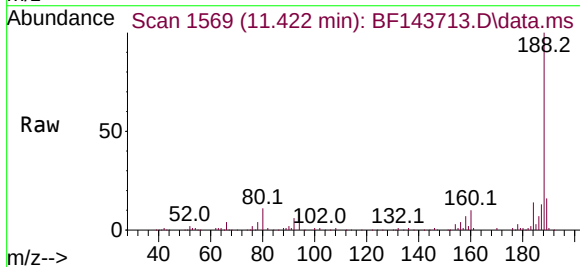
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

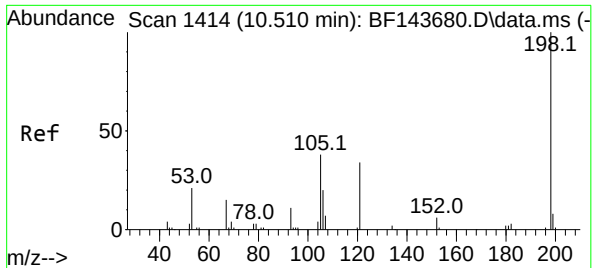
Tgt Ion: 77 Resp: 189359
Ion Ratio Lower Upper
77 100
182 28.7 10.8 50.8
105 23.3 3.2 43.2
51 27.8 7.7 47.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion: 188 Resp: 101346
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.5 7.7 11.5

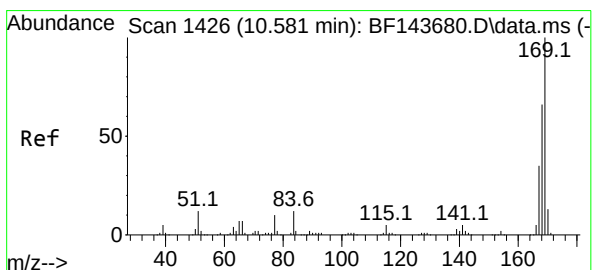
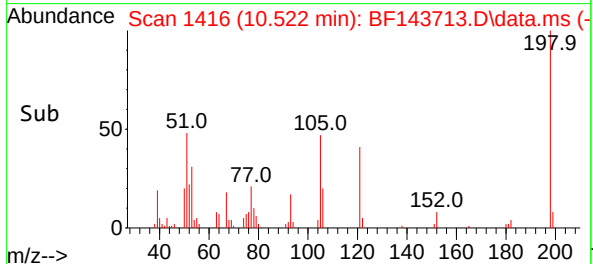
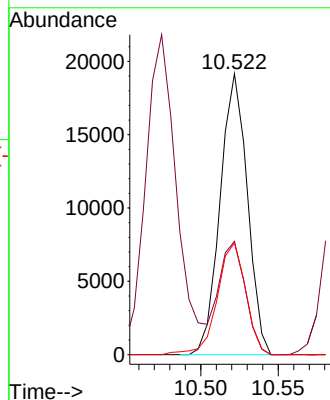
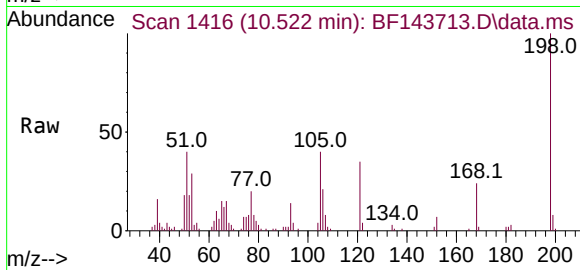




#65
4,6-Dinitro-2-methylphenol
Concen: 45.439 ng
RT: 10.522 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

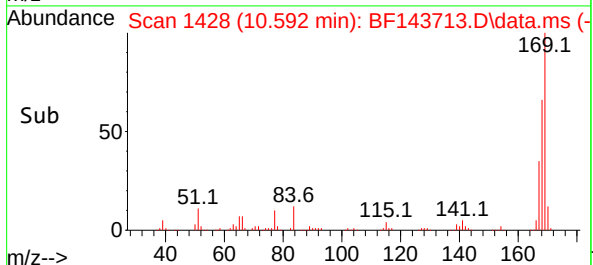
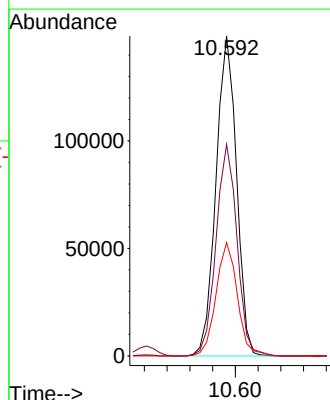
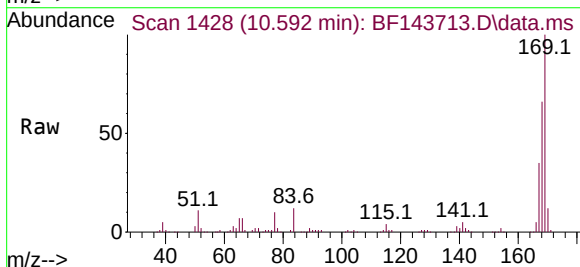
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

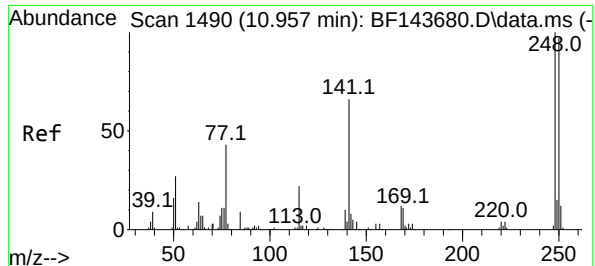
Tgt Ion:198 Resp: 23446
Ion Ratio Lower Upper
198 100
51 40.3 21.2 61.2
105 39.8 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 56.267 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion:169 Resp: 186811
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 35.4 28.1 42.1

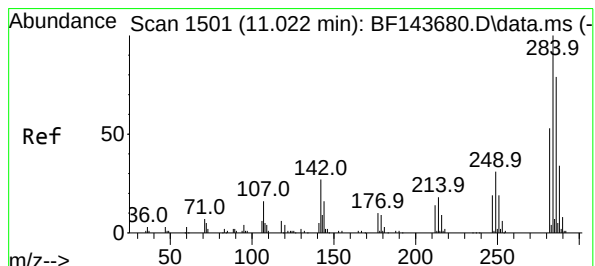
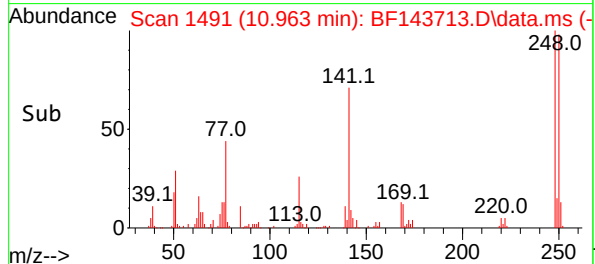
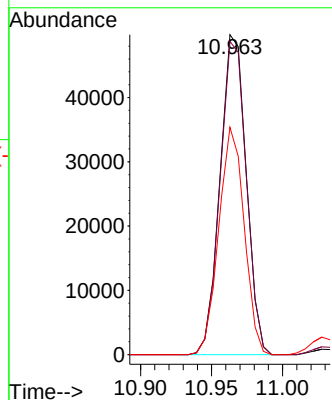
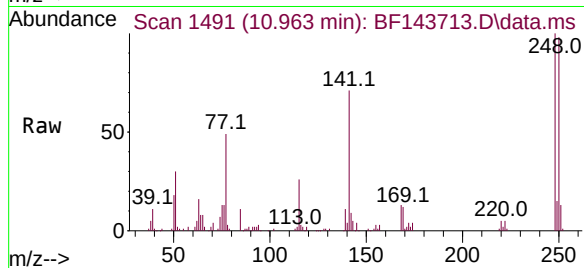




#67
4-Bromophenyl-phenylether
Concen: 52.249 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

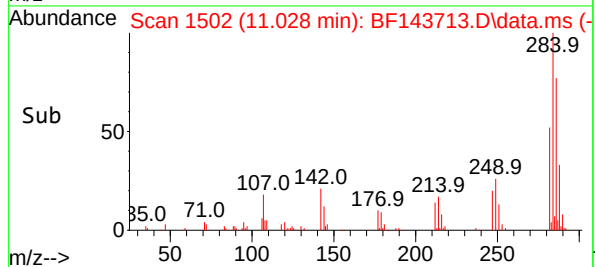
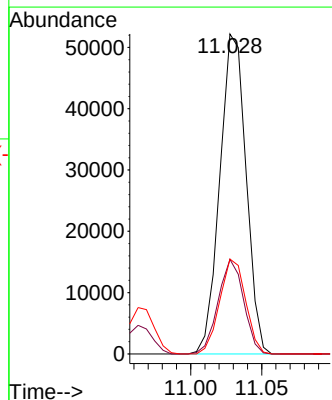
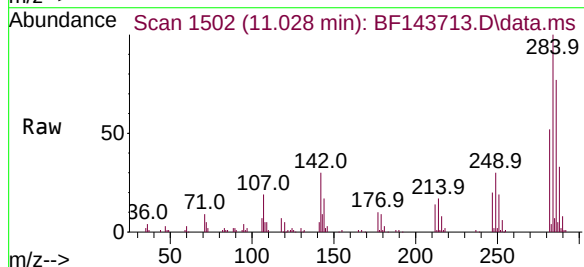
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

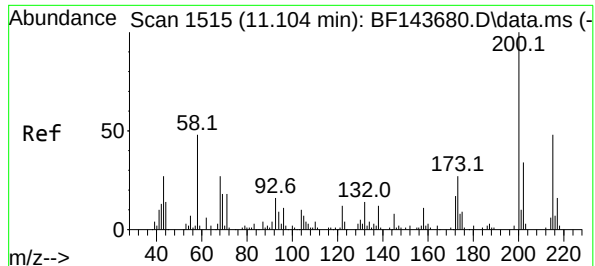
Tgt Ion:248 Resp: 63856
Ion Ratio Lower Upper
248 100
250 97.9 77.5 116.3
141 71.0 52.6 79.0



#68
Hexachlorobenzene
Concen: 51.949 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion:284 Resp: 67038
Ion Ratio Lower Upper
284 100
142 29.5 21.3 31.9
249 29.6 25.0 37.4





#69

Atrazine

Concen: 55.794 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

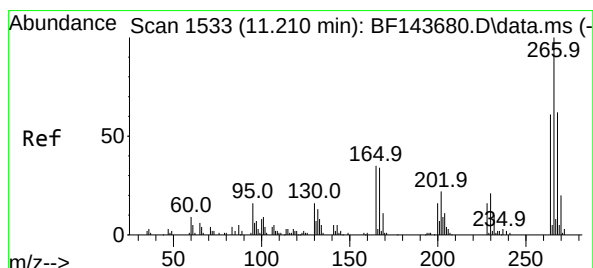
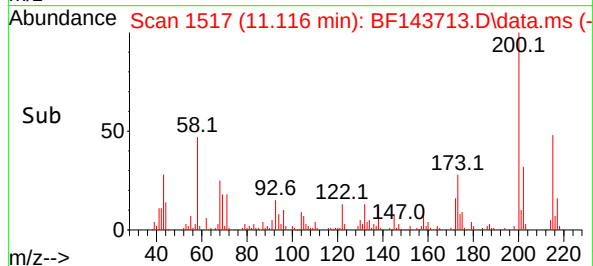
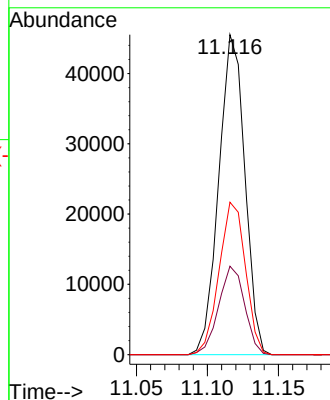
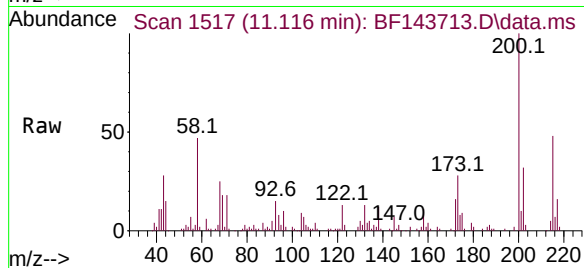
Tgt Ion:200 Resp: 58081

Ion Ratio Lower Upper

200 100

173 27.6 7.3 47.3

215 47.6 28.5 68.5



#70

Pentachlorophenol

Concen: 104.480 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

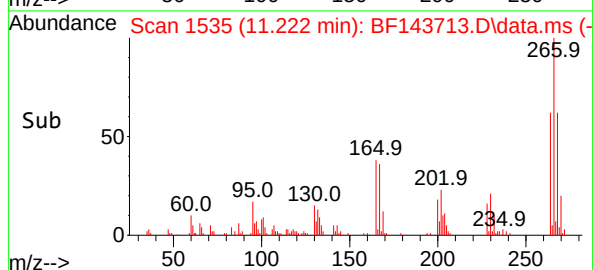
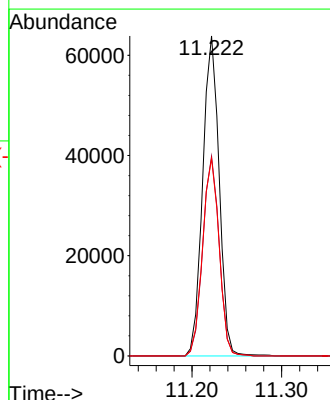
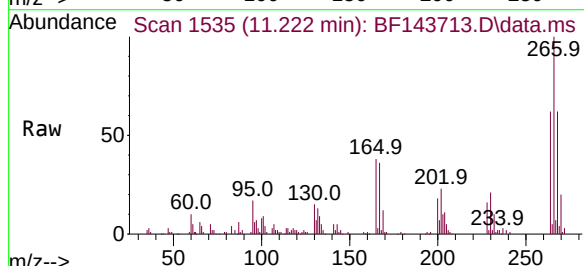
Tgt Ion:266 Resp: 81503

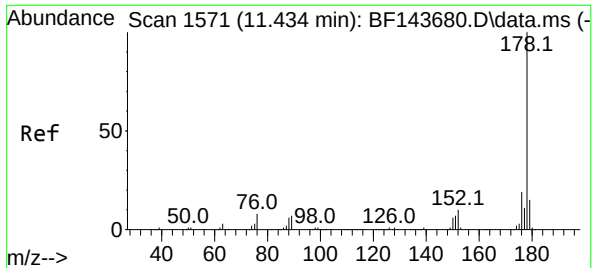
Ion Ratio Lower Upper

266 100

268 62.4 49.2 73.8

264 61.7 48.6 73.0





#71

Phenanthrene

Concen: 50.245 ng

RT: 11.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

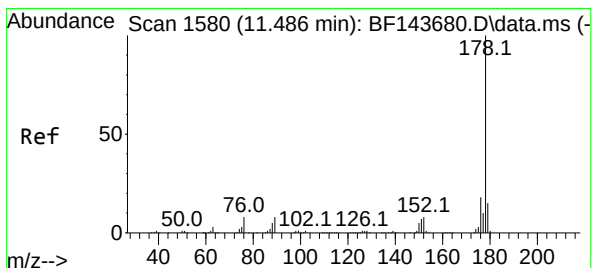
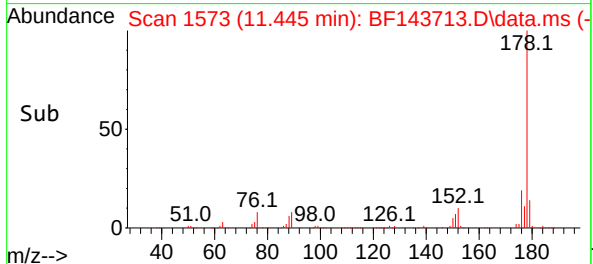
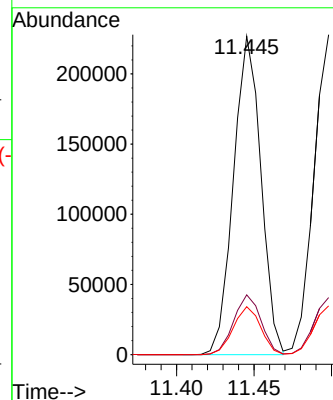
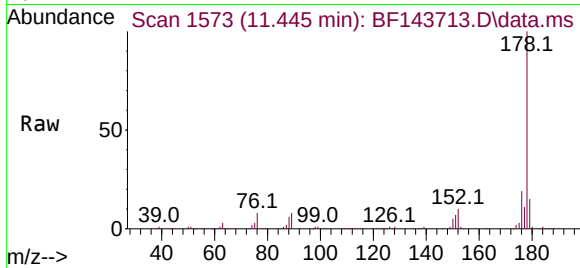
Tgt Ion:178 Resp: 280568

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.1 12.2 18.2



#72

Anthracene

Concen: 50.270 ng

RT: 11.498 min Scan# 1582

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

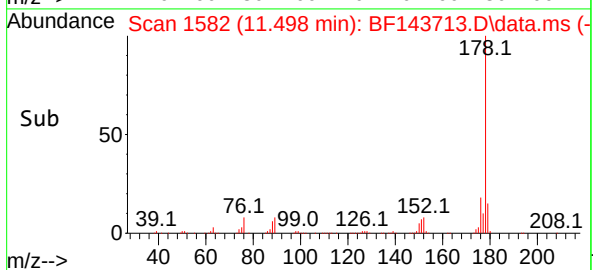
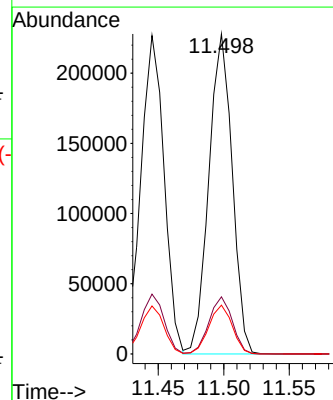
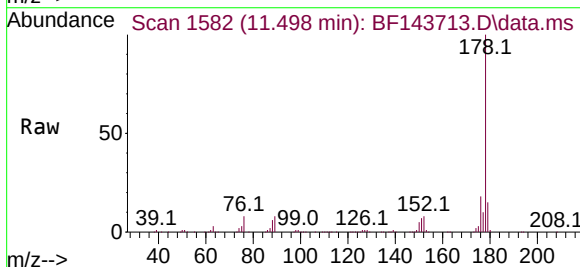
Tgt Ion:178 Resp: 282252

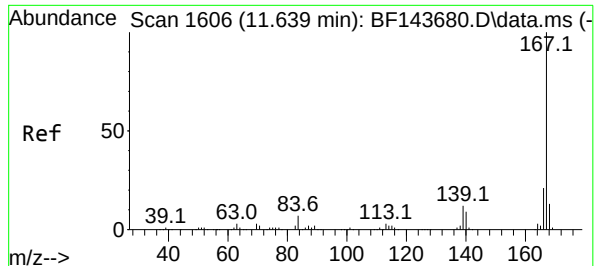
Ion Ratio Lower Upper

178 100

176 17.8 14.5 21.7

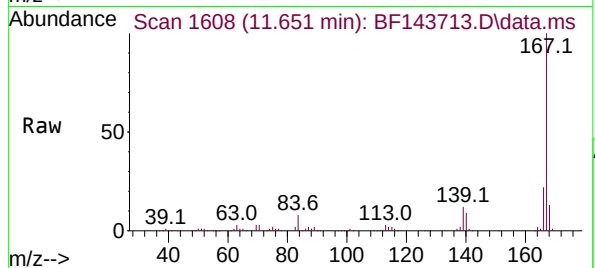
179 15.2 12.2 18.2



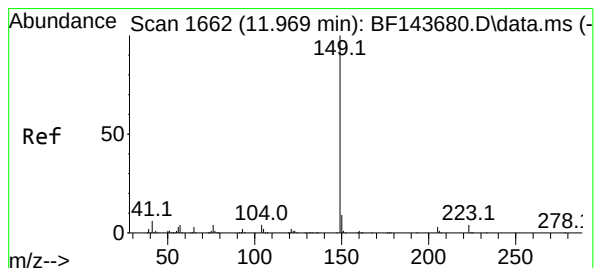
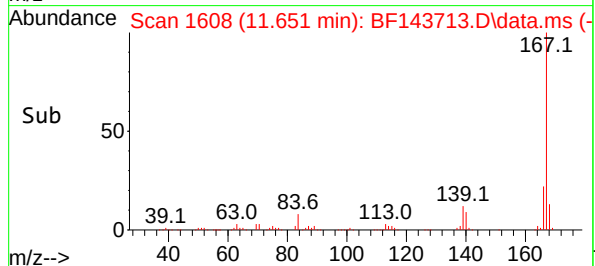
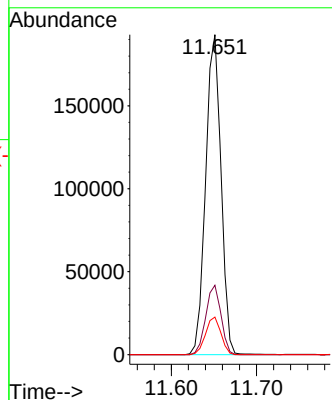


#73
Carbazole
Concen: 52.491 ng
RT: 11.651 min Scan# 1608
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

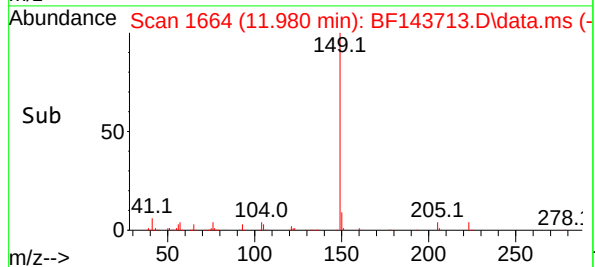
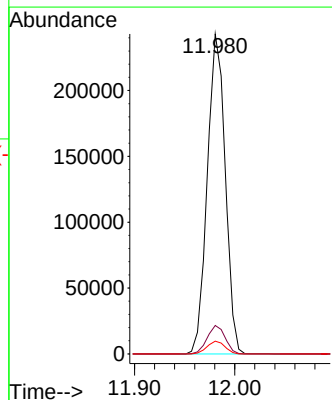
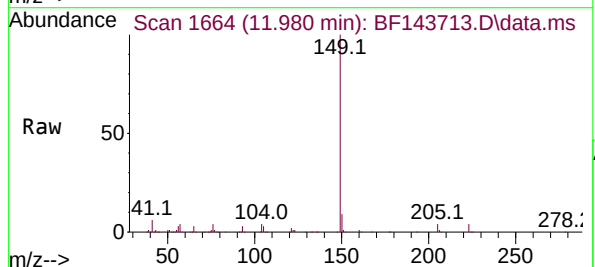


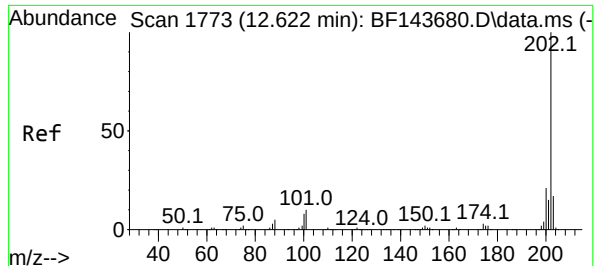
Tgt Ion:167 Resp: 241372
Ion Ratio Lower Upper
167 100
166 21.7 17.0 25.4
139 11.7 9.7 14.5



#74
Di-n-butylphthalate
Concen: 54.552 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion:149 Resp: 302001
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.0 3.3 4.9





#75

Fluoranthene

Concen: 53.175 ng

RT: 12.633 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

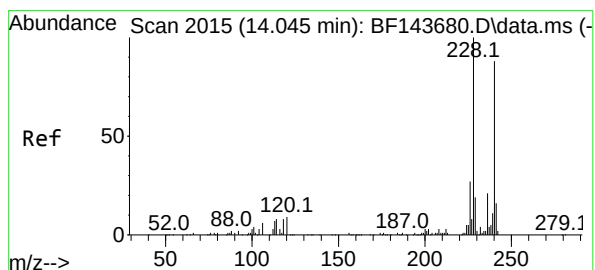
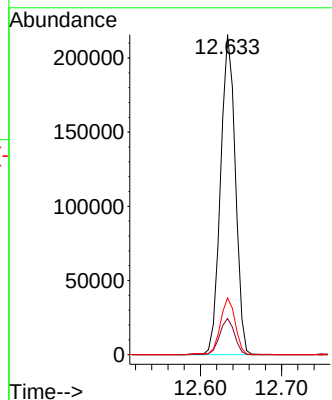
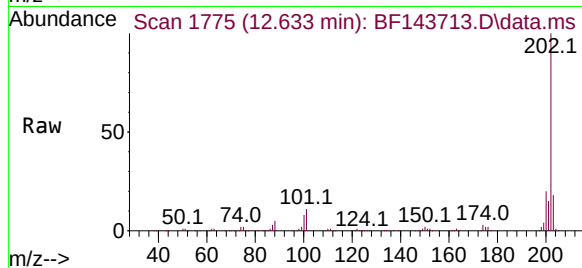
Tgt Ion:202 Resp: 272585

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.5

203 17.7 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.018 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

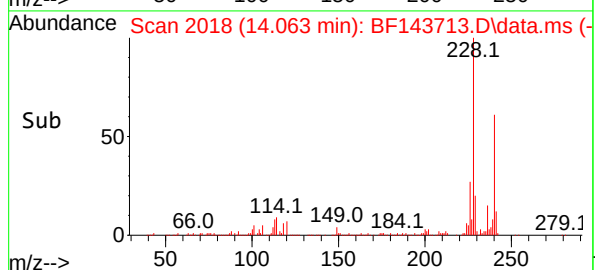
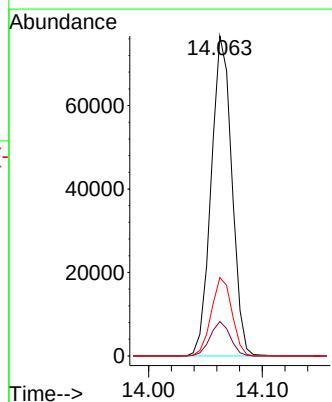
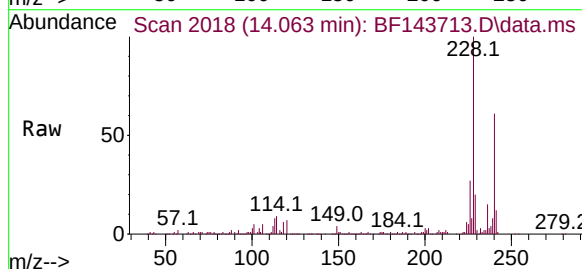
Tgt Ion:240 Resp: 96866

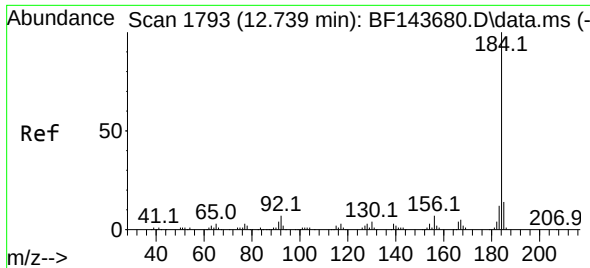
Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

236 24.5 18.6 28.0





#77

Benzidine

Concen: 21.976 ng

RT: 12.751 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

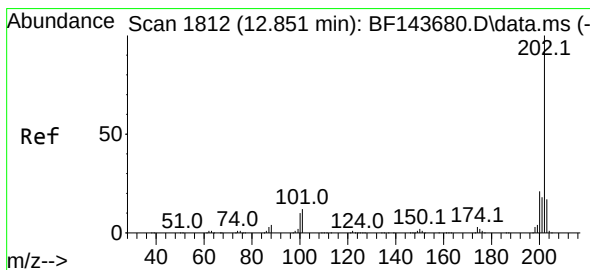
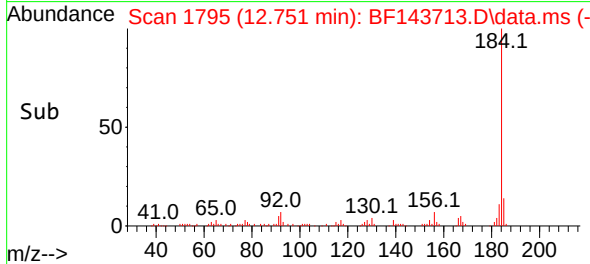
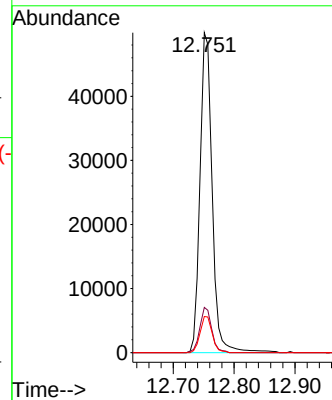
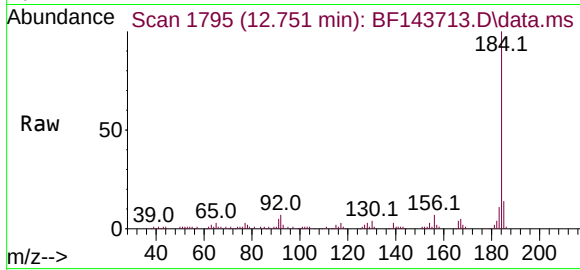
Tgt Ion:184 Resp: 69418

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.3 9.4 14.2



#78

Pyrene

Concen: 37.041 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

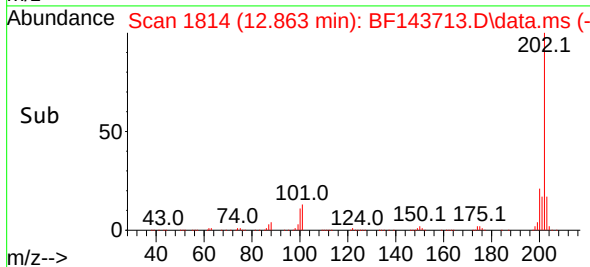
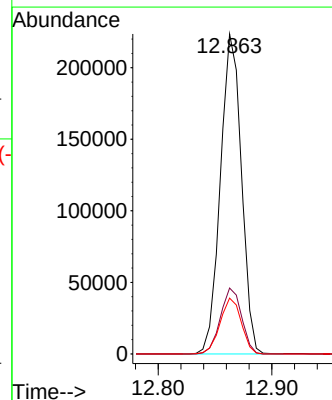
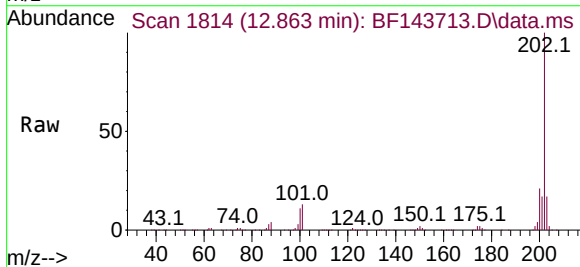
Tgt Ion:202 Resp: 286873

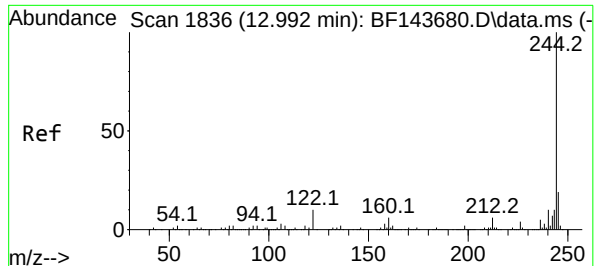
Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

203 17.4 13.5 20.3





#79

Terphenyl-d14

Concen: 71.971 ng

RT: 13.010 min Scan# 1836

Delta R.T. 0.018 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

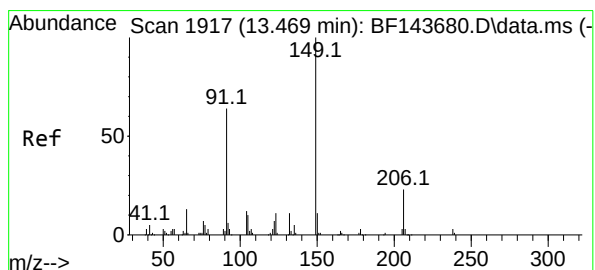
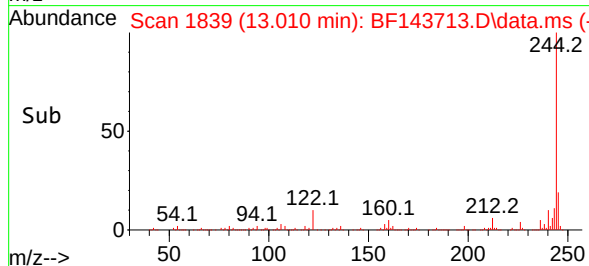
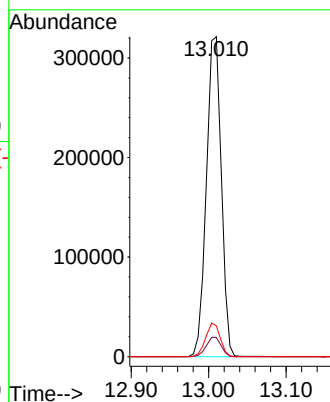
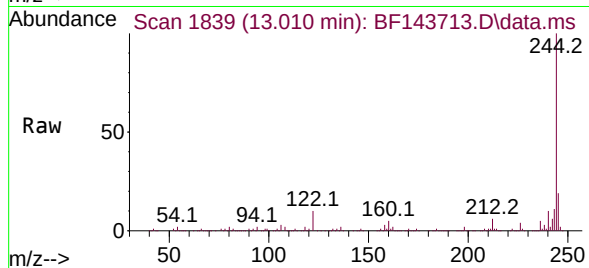
Tgt Ion:244 Resp: 430205

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.6

122 9.6 7.9 11.9



#80

Butylbenzylphthalate

Concen: 47.827 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.012 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

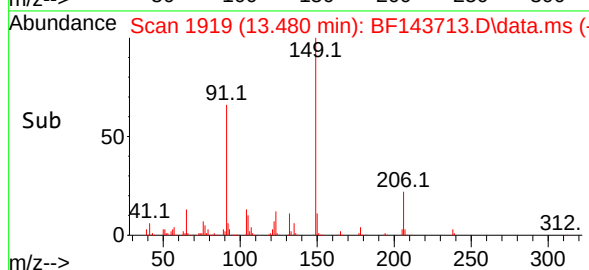
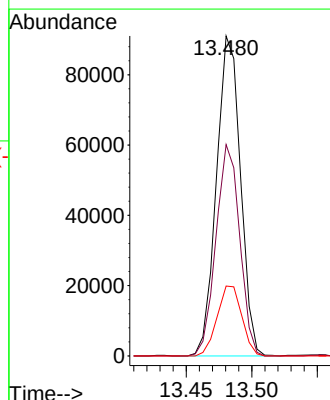
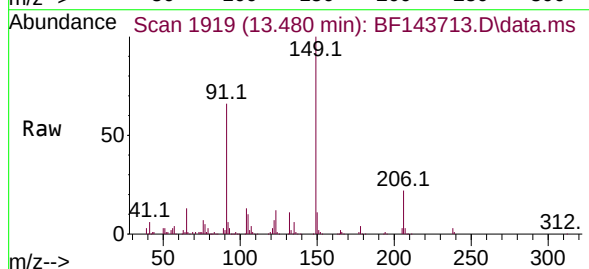
Tgt Ion:149 Resp: 116057

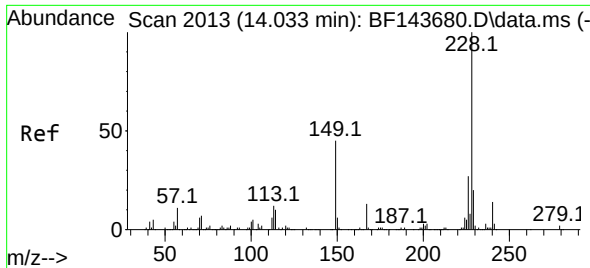
Ion Ratio Lower Upper

149 100

91 66.0 50.9 76.3

206 21.8 18.2 27.2

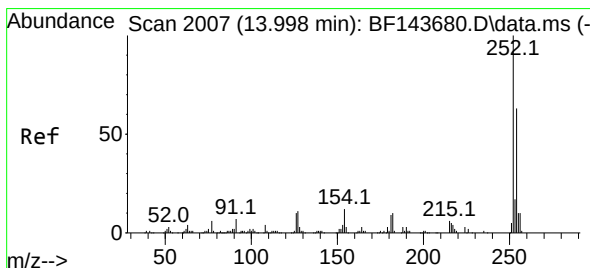
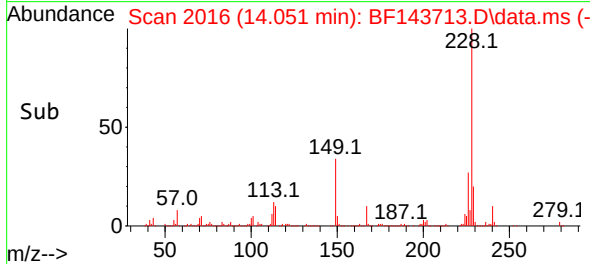
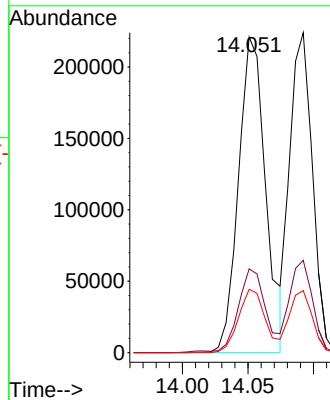
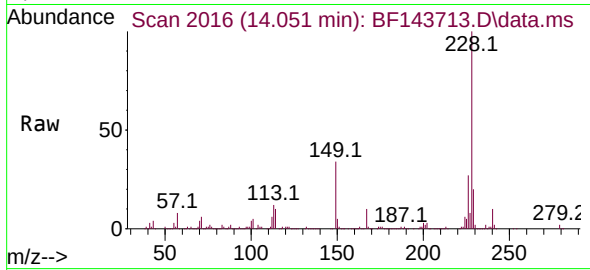




#81
Benzo(a)anthracene
Concen: 51.163 ng
RT: 14.051 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

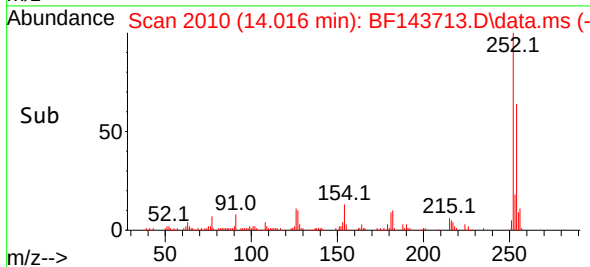
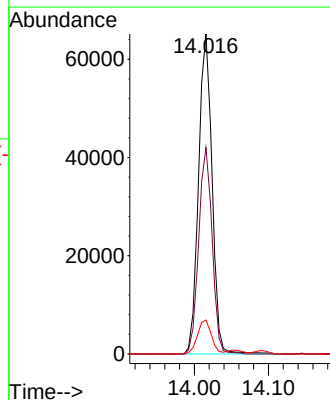
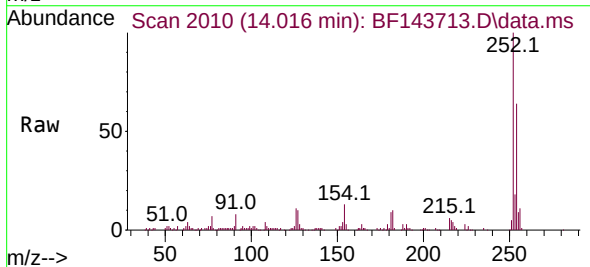
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

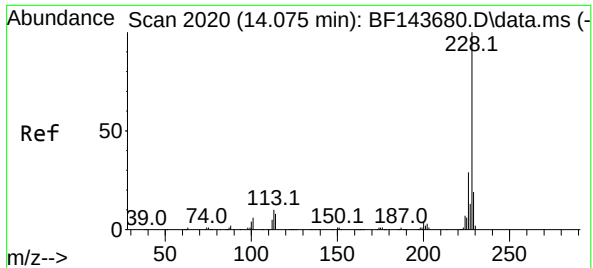
Tgt Ion:228 Resp: 318835
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 43.024 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion:252 Resp: 82485
Ion Ratio Lower Upper
252 100
254 64.5 50.5 75.7
126 10.6 8.2 12.4

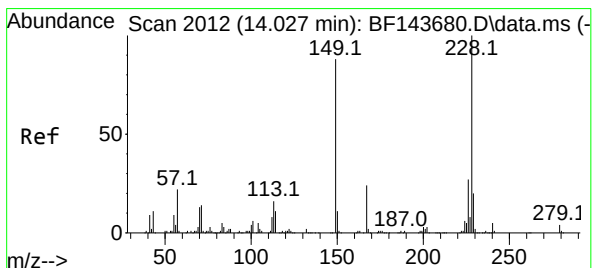
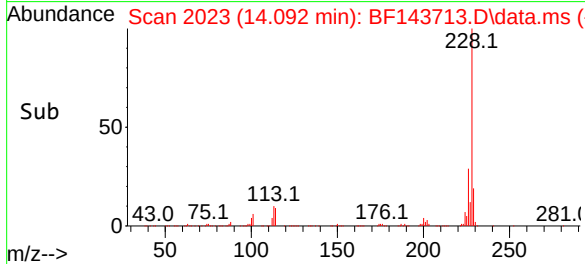
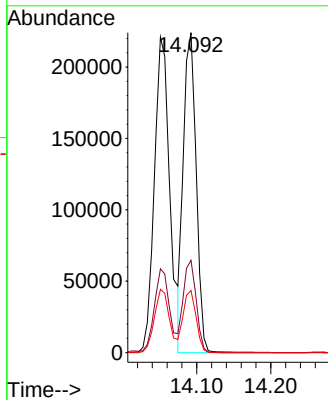
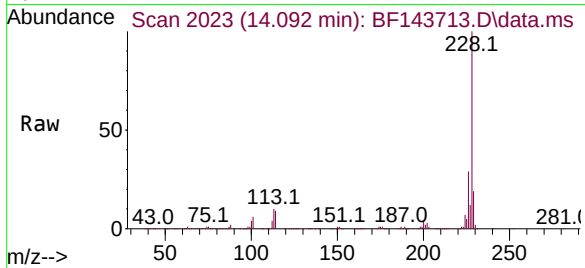




#83
Chrysene
Concen: 47.200 ng
RT: 14.092 min Scan# 2015
Delta R.T. 0.018 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

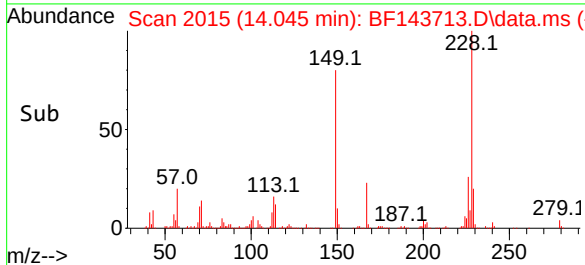
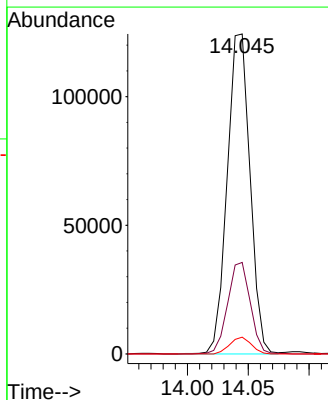
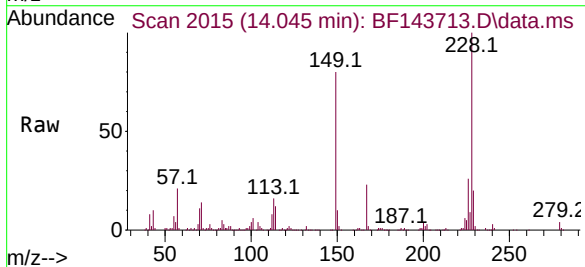
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

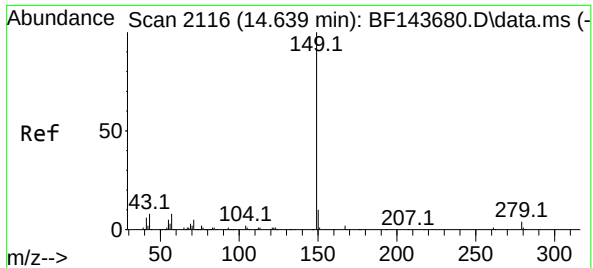
Tgt Ion:228 Resp: 269392
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 19.4 15.1 22.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.938 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.018 min
Lab File: BF143713.D
Acq: 11 Sep 2025 18:29

Tgt Ion:149 Resp: 162515
Ion Ratio Lower Upper
149 100
167 28.6 22.2 33.2
279 5.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 47.430 ng

RT: 14.657 min Scan# 2116

Delta R.T. 0.018 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

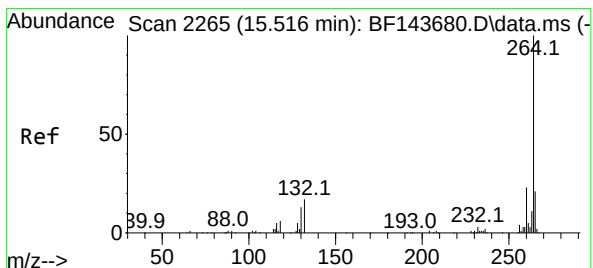
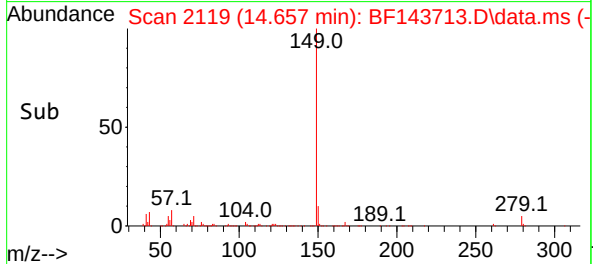
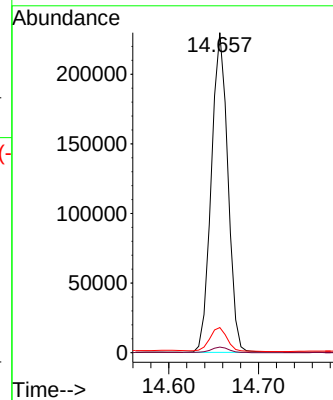
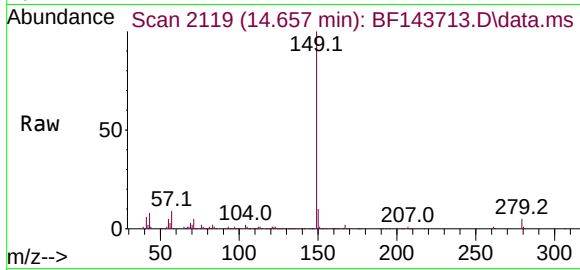
Tgt Ion:149 Resp: 294275

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 8.0 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.024 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

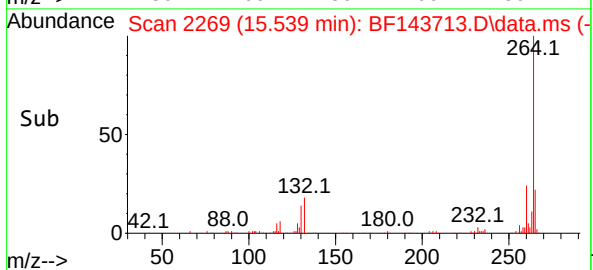
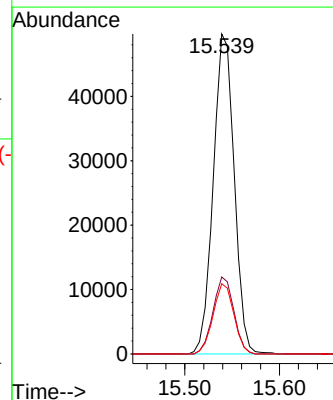
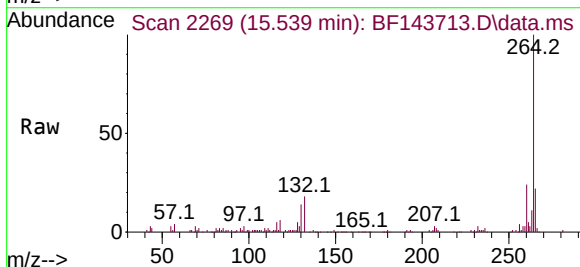
Tgt Ion:264 Resp: 76435

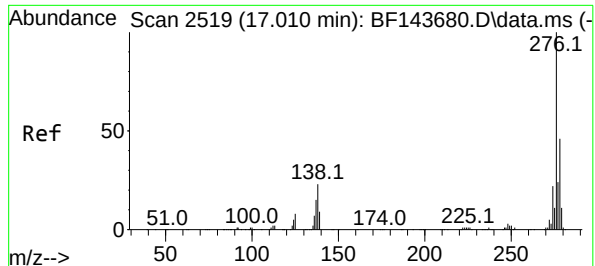
Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.979 ng

RT: 17.033 min Scan# 2196

Delta R.T. 0.024 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

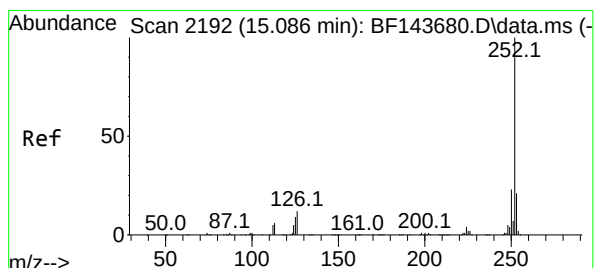
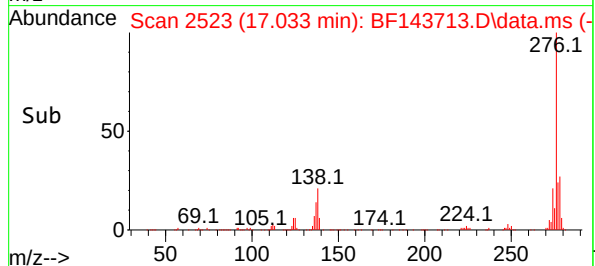
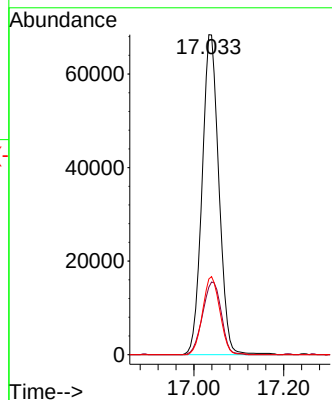
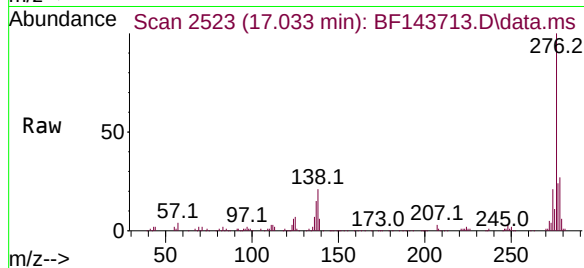
Tgt Ion:276 Resp: 177255

Ion Ratio Lower Upper

276 100

138 25.2 19.7 29.5

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 58.723 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.024 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

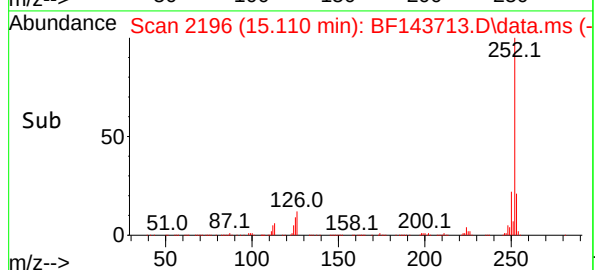
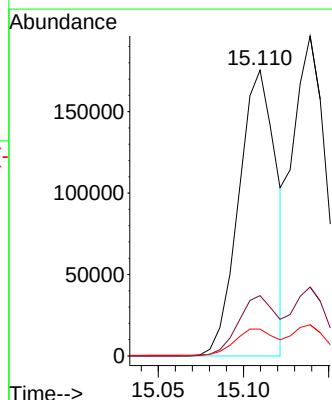
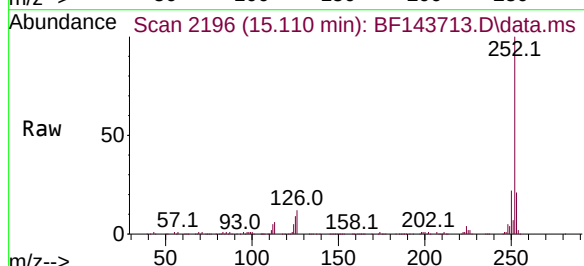
Tgt Ion:252 Resp: 267193

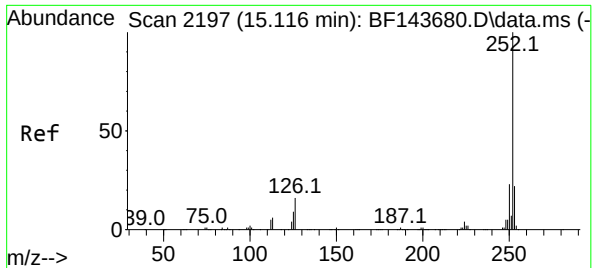
Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.4

125 9.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 64.358 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

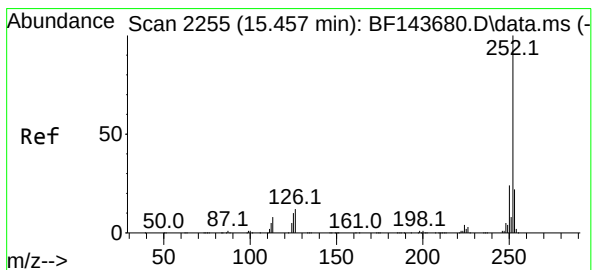
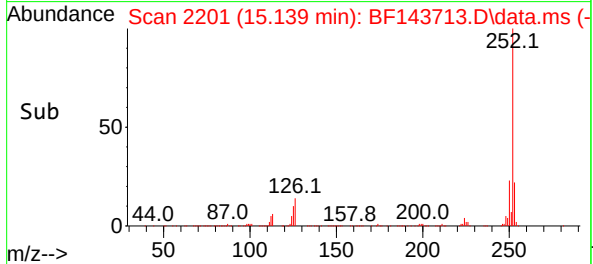
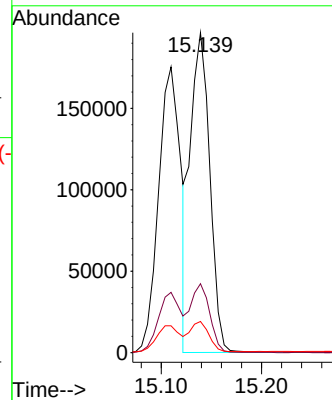
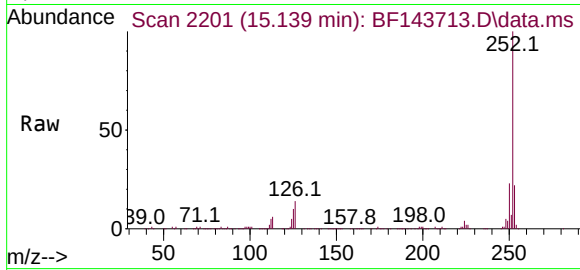
Tgt Ion:252 Resp: 264281

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.7 7.3 10.9



#90

Benzo(a)pyrene

Concen: 55.454 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.023 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

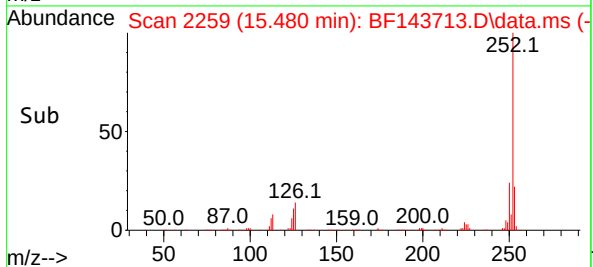
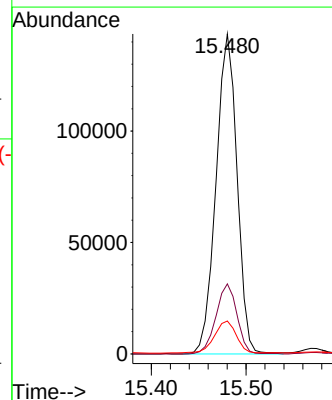
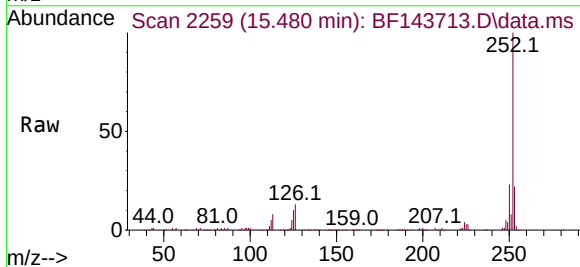
Tgt Ion:252 Resp: 221667

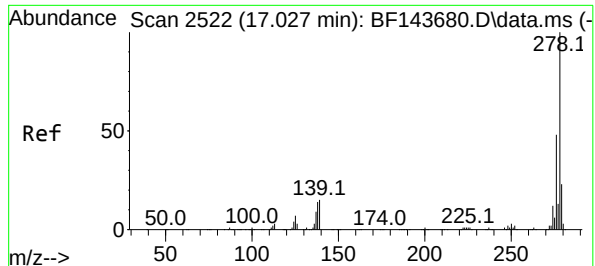
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.3 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 33.857 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-1MSD

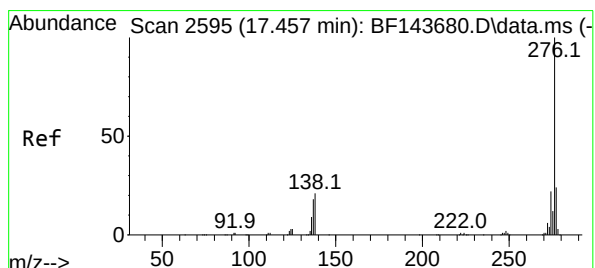
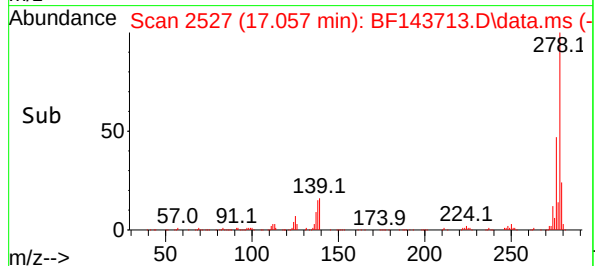
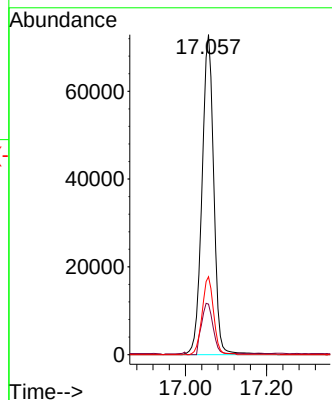
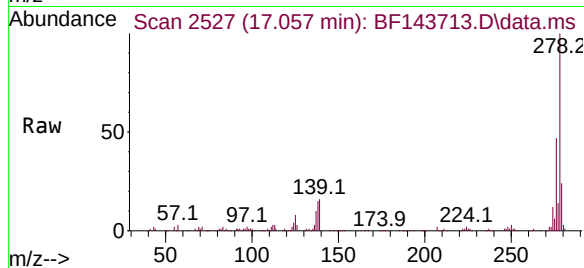
Tgt Ion:278 Resp: 146530

Ion Ratio Lower Upper

278 100

139 15.8 12.2 18.4

279 24.3 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 33.631 ng

RT: 17.486 min Scan# 2600

Delta R.T. 0.029 min

Lab File: BF143713.D

Acq: 11 Sep 2025 18:29

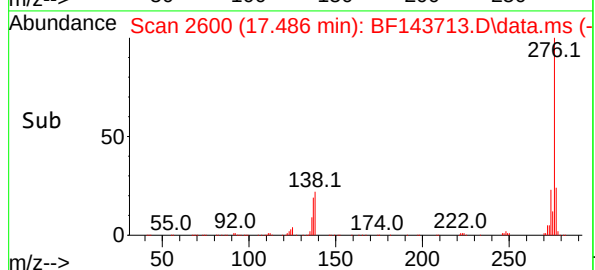
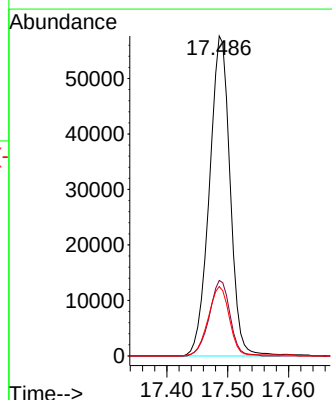
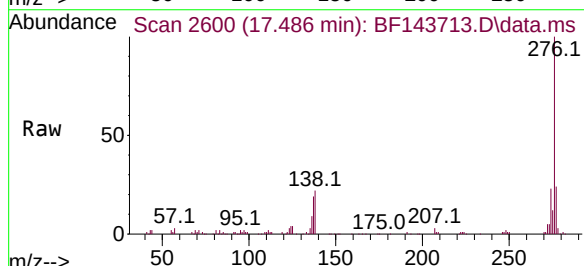
Tgt Ion:276 Resp: 136145

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 21.7 17.0 25.4



Manual Integration Report

Sequence:	BF091025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BF143679.D	Benzoic acid	Rahul	9/10/2025 9:01:32 AM	Jagrut	9/10/2025 11:00:46 AM	Peak Integrated by Software
SSTDICCC040	BF143680.D	Benzoic acid	Rahul	9/10/2025 9:01:56 AM	Jagrut	9/10/2025 11:00:49 AM	Peak Integrated by Software
SSTDICCC040	BF143680.D	Phenol	Rahul	9/10/2025 9:01:56 AM	Jagrut	9/10/2025 11:00:49 AM	Peak Integrated by Software
SSTDICC050	BF143681.D	Phenol	Rahul	9/10/2025 9:02:01 AM	Jagrut	9/10/2025 11:00:52 AM	Peak Integrated by Software
SSTDICC060	BF143682.D	Phenol	Rahul	9/10/2025 9:02:03 AM	Jagrut	9/10/2025 11:00:54 AM	Peak Integrated by Software
SSTDICC080	BF143683.D	Benzoic acid	Rahul	9/10/2025 9:02:06 AM	Jagrut	9/10/2025 11:00:56 AM	Peak Integrated by Software
SSTDICC080	BF143683.D	Phenol	Rahul	9/10/2025 9:02:06 AM	Jagrut	9/10/2025 11:00:56 AM	Peak Integrated by Software
SSTDICV040	BF143684.D	Phenol	Rahul	9/10/2025 9:02:14 AM	Jagrut	9/10/2025 11:00:59 AM	Peak Integrated by Software
SSTDCCC040	BF143691.D	Phenol	Rahul	9/10/2025 9:02:21 AM	Jagrut	9/10/2025 11:01:03 AM	Peak Integrated by Software
SSTDCCC040	BF143693.D	Phenol	Rahul	9/10/2025 1:40:25 PM	Jagrut	9/11/2025 1:06:11 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BF091125

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:

BF091225

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169661BS	BF143726.D	Caprolactam	Rahul	9/15/2025 8:21:57 AM	Jagrut	9/15/2025 10:15:33 AM	Peak Integrated by Software

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF091025

Review By	Rahul	Review On	9/10/2025 9:03:37 AM
Supervise By	Jagrut	Supervise On	9/10/2025 11:02:08 AM
SubDirectory	BF091025	HP Acquire Method	BNA_F
		HP Processing Method	bf091025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13174,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143675.D	09 Sep 2025 08:44	RC/JU	Ok
2	SSTDICC2.5	BF143676.D	09 Sep 2025 09:12	RC/JU	Ok
3	SSTDICC005	BF143677.D	09 Sep 2025 09:41	RC/JU	Ok
4	SSTDICC010	BF143678.D	09 Sep 2025 10:10	RC/JU	Ok
5	SSTDICC020	BF143679.D	09 Sep 2025 10:39	RC/JU	Ok,M
6	SSTDICCC040	BF143680.D	09 Sep 2025 11:08	RC/JU	Ok,M
7	SSTDICC050	BF143681.D	09 Sep 2025 11:37	RC/JU	Ok,M
8	SSTDICC060	BF143682.D	09 Sep 2025 12:07	RC/JU	Ok,M
9	SSTDICC080	BF143683.D	09 Sep 2025 13:54	RC/JU	Ok,M
10	SSTDICV040	BF143684.D	09 Sep 2025 15:03	RC/JU	Ok,M
11	PB169490BL	BF143685.D	09 Sep 2025 15:32	RC/JU	Ok
12	Q2893-02	BF143686.D	09 Sep 2025 16:01	RC/JU	Ok
13	Q2893-08	BF143687.D	09 Sep 2025 16:30	RC/JU	Ok
14	Q2893-01	BF143688.D	09 Sep 2025 16:59	RC/JU	Ok
15	Q2893-07	BF143689.D	09 Sep 2025 17:28	RC/JU	Ok,M
16	PB169499BL	BF143690.D	09 Sep 2025 17:58	RC/JU	Ok
17	SSTDCCC040	BF143691.D	09 Sep 2025 18:27	RC/JU	Ok,M
18	DFTPP	BF143692.D	10 Sep 2025 09:13	RC/JU	Ok
19	SSTDCCC040	BF143693.D	10 Sep 2025 09:41	RC/JU	Ok,M
20	PB169528BL	BF143694.D	10 Sep 2025 10:10	RC/JU	Ok
21	Q2893-03	BF143695.D	10 Sep 2025 10:49	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF091025

Review By	Rahul	Review On	9/10/2025 9:03:37 AM		
Supervise By	Jagrut	Supervise On	9/10/2025 11:02:08 AM		
SubDirectory	BF091025	HP Acquire Method	BNA_F	HP Processing Method	bf091025
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13174,10ul/1000ul sample			
ICV/I.BLK		SP6796			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q2893-09	BF143696.D	10 Sep 2025 11:18	RC/JU	Ok,M
23	PB169526BL	BF143697.D	10 Sep 2025 11:49	RC/JU	Ok
24	SP6869	BF143698.D	10 Sep 2025 12:41	RC/JU	Ok
25	SSTDCCC040	BF143699.D	10 Sep 2025 13:47	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF091125

Review By	Rahul	Review On	9/12/2025 10:17:16 AM
Supervise By	Jagrut	Supervise On	9/12/2025 11:51:04 AM
SubDirectory	BF091125	HP Acquire Method	BNA_F
		HP Processing Method	bf091025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13174,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143700.D	11 Sep 2025 12:02	RC/JU	Ok
2	SSTDCCC040	BF143701.D	11 Sep 2025 12:31	RC/JU	Ok
3	PB169649BL	BF143702.D	11 Sep 2025 13:00	RC/JU	Ok
4	PB169649BS	BF143703.D	11 Sep 2025 13:29	RC/JU	Ok,M
5	Q3048-01	BF143704.D	11 Sep 2025 14:03	RC/JU	Ok,M
6	Q3048-01MS	BF143705.D	11 Sep 2025 14:33	RC/JU	Ok,M
7	Q3048-01MSD	BF143706.D	11 Sep 2025 15:02	RC/JU	Ok,M
8	Q3055-01	BF143707.D	11 Sep 2025 15:32	RC/JU	Ok,M
9	Q3065-01	BF143708.D	11 Sep 2025 16:01	RC/JU	Ok,M
10	Q3066-01	BF143709.D	11 Sep 2025 16:31	RC/JU	Ok,M
11	Q3066-03	BF143710.D	11 Sep 2025 17:00	RC/JU	Ok,M
12	Q3032-02	BF143711.D	11 Sep 2025 17:30	RC/JU	Ok
13	Q3032-02MS	BF143712.D	11 Sep 2025 17:59	RC/JU	Ok
14	Q3032-02MSD	BF143713.D	11 Sep 2025 18:29	RC/JU	Ok
15	Q3032-05	BF143714.D	11 Sep 2025 18:59	RC/JU	Ok
16	Q3075-04	BF143715.D	11 Sep 2025 19:28	RC/JU	Ok
17	Q3074-01	BF143716.D	11 Sep 2025 19:57	RC/JU	Ok
18	Q3075-06	BF143717.D	11 Sep 2025 20:27	RC/JU	Ok,M
19	Q3077-03	BF143718.D	11 Sep 2025 20:56	RC/JU	Dilution
20	Q3075-02	BF143719.D	11 Sep 2025 21:25	RC/JU	Ok,M
21	Q3075-02MS	BF143720.D	11 Sep 2025 21:54	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF091125

Review By	Rahul	Review On	9/12/2025 10:17:16 AM
Supervise By	Jagrut	Supervise On	9/12/2025 11:51:04 AM
SubDirectory	BF091125	HP Acquire Method	BNA_F
		HP Processing Method	bf091025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13174,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3075-02MSD	BF143721.D	11 Sep 2025 22:24	RC/JU	Ok
23	Q3072-01	BF143722.D	11 Sep 2025 22:53	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF091225

Review By	Rahul	Review On	9/12/2025 10:25:15 AM
Supervise By	Jagrut	Supervise On	9/15/2025 10:16:27 AM
SubDirectory	BF091225	HP Acquire Method	BNA_F
		HP Processing Method	bf091025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13174,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143723.D	12 Sep 2025 10:14	RC/JU	Ok
2	SSTDCCC040	BF143724.D	12 Sep 2025 10:43	RC/JU	Ok
3	PB169661BL	BF143725.D	12 Sep 2025 11:12	RC/JU	Ok
4	PB169661BS	BF143726.D	12 Sep 2025 11:42	RC/JU	Ok,M
5	PB169589TB	BF143727.D	12 Sep 2025 12:11	RC/JU	Ok
6	Q3077-03DL	BF143728.D	12 Sep 2025 12:46	RC/JU	Ok,M
7	Q3075-11	BF143729.D	12 Sep 2025 13:15	RC/JU	Ok,M
8	Q3082-01	BF143730.D	12 Sep 2025 13:44	RC/JU	Ok,M
9	Q3075-08	BF143731.D	12 Sep 2025 14:13	RC/JU	Dilution
10	Q3082-03	BF143732.D	12 Sep 2025 14:42	RC/JU	Ok,M
11	Q3082-05	BF143733.D	12 Sep 2025 15:12	RC/JU	Ok,M
12	Q3082-05MS	BF143734.D	12 Sep 2025 15:41	RC/JU	Ok,M
13	Q3082-05MSD	BF143735.D	12 Sep 2025 16:11	RC/JU	Ok,M
14	Q3054-04	BF143736.D	12 Sep 2025 16:40	RC/JU	Ok
15	Q3054-08	BF143737.D	12 Sep 2025 17:09	RC/JU	ReRun
16	Q3072-02	BF143738.D	12 Sep 2025 17:39	RC/JU	Ok
17	Q3072-02MS	BF143739.D	12 Sep 2025 18:08	RC/JU	Ok,M
18	Q3072-02MSD	BF143740.D	12 Sep 2025 18:38	RC/JU	Ok,M
19	Q3082-07	BF143741.D	12 Sep 2025 19:07	RC/JU	Ok,M
20	Q3077-01	BF143742.D	12 Sep 2025 19:36	RC/JU	Ok
21	Q3075-08DL	BF143743.D	12 Sep 2025 20:06	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF091225

Review By	Rahul	Review On	9/12/2025 10:25:15 AM
Supervise By	Jagrut	Supervise On	9/15/2025 10:16:27 AM
SubDirectory	BF091225	HP Acquire Method	BNA_F
		HP Processing Method	bf091025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13174,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3082-09	BF143744.D	12 Sep 2025 20:35	RC/JU	Dilution
23	Q3080-01	BF143745.D	12 Sep 2025 21:04	RC/JU	Ok,M
24	Q3073-02	BF143746.D	12 Sep 2025 21:34	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF091025

Review By	Rahul	Review On	9/10/2025 9:03:37 AM
Supervise By	Jagrut	Supervise On	9/10/2025 11:02:08 AM
SubDirectory	BF091025	HP Acquire Method	BNA_F
		HP Processing Method	bf091025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143675.D	09 Sep 2025 08:44		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143676.D	09 Sep 2025 09:12		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143677.D	09 Sep 2025 09:41		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143678.D	09 Sep 2025 10:10		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF143679.D	09 Sep 2025 10:39		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143680.D	09 Sep 2025 11:08		RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143681.D	09 Sep 2025 11:37		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF143682.D	09 Sep 2025 12:07		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF143683.D	09 Sep 2025 13:54		RC/JU	Ok,M
10	SSTDICV040	ICVBF091025	BF143684.D	09 Sep 2025 15:03		RC/JU	Ok,M
11	PB169490BL	PB169490BL	BF143685.D	09 Sep 2025 15:32		RC/JU	Ok
12	Q2893-02	LOQ-SOIL-02-QT3-202	BF143686.D	09 Sep 2025 16:01	LOQ-SOIL-10PPM (For Benzidine only)	RC/JU	Ok
13	Q2893-08	LOQ-WATER-02-QT3-2	BF143687.D	09 Sep 2025 16:30	LOQ-WATER-10PPM (For Benzidine only)	RC/JU	Ok
14	Q2893-01	LOD-MDL-SOIL-01-QT	BF143688.D	09 Sep 2025 16:59	LOD-MDL-SOIL-8PPM (For Benzidine only)	RC/JU	Ok
15	Q2893-07	LOD-MDL-WATER-01-Q	BF143689.D	09 Sep 2025 17:28	LOD-MDL-WATER-8 PPM (For Benzidine only)	RC/JU	Ok,M
16	PB169499BL	PB169499BL	BF143690.D	09 Sep 2025 17:58		RC/JU	Ok
17	SSTDCCC040	SSTDCCC040EC	BF143691.D	09 Sep 2025 18:27		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF091025

Review By	Rahul	Review On	9/10/2025 9:03:37 AM		
Supervise By	Jagrut	Supervise On	9/10/2025 11:02:08 AM		
SubDirectory	BF091025	HP Acquire Method	BNA_F	HP Processing Method	bf091025
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13174,10ul/1000ul sample				
ICV/I.BLK	SP6796				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	DFTPP	DFTPP	BF143692.D	10 Sep 2025 09:13		RC/JU	Ok
19	SSTDCCC040	SSTDCCC040	BF143693.D	10 Sep 2025 09:41		RC/JU	Ok,M
20	PB169528BL	PB169528BL	BF143694.D	10 Sep 2025 10:10		RC/JU	Ok
21	Q2893-03	MDL-SOIL-03-QT3-202	BF143695.D	10 Sep 2025 10:49	MDL-SOIL 8PPM (For Benzidine only)	RC/JU	Ok,M
22	Q2893-09	MDL-WATER-03-QT3-2	BF143696.D	10 Sep 2025 11:18	MDL-WATER 8PPM (For Benzidine only)	RC/JU	Ok,M
23	PB169526BL	PB169526BL	BF143697.D	10 Sep 2025 11:49		RC/JU	Ok
24	SP6869	SP6869	BF143698.D	10 Sep 2025 12:41		RC/JU	Ok
25	SSTDCCC040	SSTDCCC040EC	BF143699.D	10 Sep 2025 13:47		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF091125

Review By	Rahul	Review On	9/12/2025 10:17:16 AM
Supervise By	Jagrut	Supervise On	9/12/2025 11:51:04 AM
SubDirectory	BF091125	HP Acquire Method	BNA_F
		HP Processing Method	bf091025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143700.D	11 Sep 2025 12:02		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143701.D	11 Sep 2025 12:31		RC/JU	Ok
3	PB169649BL	PB169649BL	BF143702.D	11 Sep 2025 13:00		RC/JU	Ok
4	PB169649BS	PB169649BS	BF143703.D	11 Sep 2025 13:29		RC/JU	Ok,M
5	Q3048-01	VNJ-258	BF143704.D	11 Sep 2025 14:03		RC/JU	Ok,M
6	Q3048-01MS	VNJ-258MS	BF143705.D	11 Sep 2025 14:33		RC/JU	Ok,M
7	Q3048-01MSD	VNJ-258MSD	BF143706.D	11 Sep 2025 15:02		RC/JU	Ok,M
8	Q3055-01	OR-03-090925	BF143707.D	11 Sep 2025 15:32		RC/JU	Ok,M
9	Q3065-01	VNJ-204	BF143708.D	11 Sep 2025 16:01		RC/JU	Ok,M
10	Q3066-01	354	BF143709.D	11 Sep 2025 16:31		RC/JU	Ok,M
11	Q3066-03	VNJ-242	BF143710.D	11 Sep 2025 17:00		RC/JU	Ok,M
12	Q3032-02	SOIL-PILE-1	BF143711.D	11 Sep 2025 17:30		RC/JU	Ok
13	Q3032-02MS	SOIL-PILE-1MS	BF143712.D	11 Sep 2025 17:59		RC/JU	Ok
14	Q3032-02MSD	SOIL-PILE-1MSD	BF143713.D	11 Sep 2025 18:29		RC/JU	Ok
15	Q3032-05	SOIL-PILE-2	BF143714.D	11 Sep 2025 18:59		RC/JU	Ok
16	Q3075-04	MOO-25-0258	BF143715.D	11 Sep 2025 19:28		RC/JU	Ok
17	Q3074-01	MOO-25-0141	BF143716.D	11 Sep 2025 19:57		RC/JU	Ok
18	Q3075-06	MOO-25-0259	BF143717.D	11 Sep 2025 20:27		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF091125

Review By	Rahul	Review On	9/12/2025 10:17:16 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:51:04 AM		
SubDirectory	BF091125	HP Acquire Method	BNA_F	HP Processing Method	bf091025
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13174,10ul/1000ul sample				
ICV/I.BLK	SP6796				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q3077-03	LAW-25-0139	BF143718.D	11 Sep 2025 20:56	Surrogate , Internal fail, Need 20X, then decide further dilution.	RC/JU	Dilution
20	Q3075-02	MOO-25-0254-0256	BF143719.D	11 Sep 2025 21:25		RC/JU	Ok,M
21	Q3075-02MS	MOO-25-0254-0256MS	BF143720.D	11 Sep 2025 21:54		RC/JU	Ok
22	Q3075-02MSD	MOO-25-0254-0256MS	BF143721.D	11 Sep 2025 22:24		RC/JU	Ok
23	Q3072-01	30-GARFIELD-PL-COM	BF143722.D	11 Sep 2025 22:53		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF091225

Review By	Rahul	Review On	9/12/2025 10:25:15 AM
Supervise By	Jagrut	Supervise On	9/15/2025 10:16:27 AM
SubDirectory	BF091225	HP Acquire Method	BNA_F
		HP Processing Method	bf091025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143723.D	12 Sep 2025 10:14		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143724.D	12 Sep 2025 10:43		RC/JU	Ok
3	PB169661BL	PB169661BL	BF143725.D	12 Sep 2025 11:12		RC/JU	Ok
4	PB169661BS	PB169661BS	BF143726.D	12 Sep 2025 11:42		RC/JU	Ok,M
5	PB169589TB	PB169589TB	BF143727.D	12 Sep 2025 12:11		RC/JU	Ok
6	Q3077-03DL	LAW-25-0139DL	BF143728.D	12 Sep 2025 12:46	Internal standard fail	RC/JU	Ok,M
7	Q3075-11	MOO-25-0261-0263	BF143729.D	12 Sep 2025 13:15	Internal standard fail	RC/JU	Ok,M
8	Q3082-01	WC-29	BF143730.D	12 Sep 2025 13:44		RC/JU	Ok,M
9	Q3075-08	MOO-25-0260	BF143731.D	12 Sep 2025 14:13	Need 2X Dilution	RC/JU	Dilution
10	Q3082-03	WC-30	BF143732.D	12 Sep 2025 14:42		RC/JU	Ok,M
11	Q3082-05	WC-31	BF143733.D	12 Sep 2025 15:12		RC/JU	Ok,M
12	Q3082-05MS	WC-31MS	BF143734.D	12 Sep 2025 15:41		RC/JU	Ok,M
13	Q3082-05MSD	WC-31MSD	BF143735.D	12 Sep 2025 16:11		RC/JU	Ok,M
14	Q3054-04	MH-385	BF143736.D	12 Sep 2025 16:40		RC/JU	Ok
15	Q3054-08	MH-384	BF143737.D	12 Sep 2025 17:09	Internal standard fail	RC/JU	ReRun
16	Q3072-02	30-GARFIELD-PL-COM	BF143738.D	12 Sep 2025 17:39		RC/JU	Ok
17	Q3072-02MS	30-GARFIELD-PL-COM	BF143739.D	12 Sep 2025 18:08		RC/JU	Ok,M
18	Q3072-02MSD	30-GARFIELD-PL-COM	BF143740.D	12 Sep 2025 18:38		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF091225

Review By	Rahul	Review On	9/12/2025 10:25:15 AM		
Supervise By	Jagrut	Supervise On	9/15/2025 10:16:27 AM		
SubDirectory	BF091225	HP Acquire Method	BNA_F	HP Processing Method	bf091025
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13174,10ul/1000ul sample				
ICV/I.BLK	SP6796				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q3082-07	WC-32	BF143741.D	12 Sep 2025 19:07		RC/JU	Ok,M
20	Q3077-01	LAW-25-0137	BF143742.D	12 Sep 2025 19:36		RC/JU	Ok
21	Q3075-08DL	MOO-25-0260DL	BF143743.D	12 Sep 2025 20:06		RC/JU	Ok,M
22	Q3082-09	WC-33	BF143744.D	12 Sep 2025 20:35	Need Further 10X Dilution	RC/JU	Dilution
23	Q3080-01	EO-03-091125	BF143745.D	12 Sep 2025 21:04	Internal Standard Fail	RC/JU	Ok,M
24	Q3073-02	BEL-25-0023	BF143746.D	12 Sep 2025 21:34		RC/JU	Ok

M : Manual Integration

SOP ID : M1311-TCLP-16
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-1
TCLP Filter ID : 40819719

Start Prep Date : 09/08/2025 **Time :** 16:00
End Prep Date : 09/09/2025 **Time :** 09:30
Combination Ratio : 20
ZHE Cleaning Batch : N/A
Initial Room Temperature: 23 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : *[Signature]*
Supervisor By : 12

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked,30 rpm. q3045-05 is oil sample so no fluid determination and % is <0.5 so consider as water sample. q3051-02 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/09/25 10:40	<i>[Signature]</i> / 100 Room	<i>[Signature]</i> RJ/EXT
	Preparation Group	Analysis Group <i>[Signature]</i>

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169589TB	LEB589	N/A	N/A	N/A	N/A	N/A	N/A
Q2982-10	MOO-25-0236	N/A	N/A	N/A	N/A	100	N/A
Q3030-01	BLEECKER-082825HU01-TCLP	N/A	N/A	N/A	N/A	100	N/A
Q3032-02	SOIL-PILE-1	N/A	N/A	N/A	N/A	100	N/A
Q3032-05	SOIL-PILE-2	N/A	N/A	N/A	N/A	100	N/A
Q3045-05	DNAPL-OIL	N/A	N/A	N/A	N/A	<0.5	N/A
Q3046-02	IRV-CONCRETE	N/A	N/A	N/A	N/A	100	N/A
Q3050-01	72-11939	N/A	N/A	N/A	N/A	100	N/A
Q3051-02	VNJ-223	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB169589TB	LEB589	N/A	N/A	N/A	N/A	#1	4.93
Q2982-10	MOO-25-0236	5.02	96.5	11.5	4.5	#1	4.93
Q3030-01	BLEECKER-082825HU01-TCLP	5.00	96.5	6.0	2.5	#1	4.93
Q3032-02	SOIL-PILE-1	5.01	96.5	9.0	3.5	#1	4.93
Q3032-05	SOIL-PILE-2	5.02	96.5	8.6	3.5	#1	4.93
Q3045-05	DNAPL-OIL	N/A	N/A	N/A	N/A	N/A	N/A
Q3046-02	IRV-CONCRETE	5.02	96.5	11.5	4.5	#1	4.93
Q3050-01	72-11939	5.02	96.5	8.2	3.5	#1	4.93
Q3051-02	VNJ-223	5.02	96.5	5.6	2.0	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tcip q3045

WorkList ID : 191742

Department : TCLP Extraction

Date : 09-08-2025 15:12:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2982-10	MOO-25-0236	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	08/28/2025	1311
Q3030-01	BLEECKER-082825HU01-TCLF	Solid	TCLP Extraction	Cool 4 deg C	CLOU03	D31	08/28/2025	1311
Q3032-02	SOIL-PILE-1	Solid	TCLP Extraction	Cool 4 deg C	ZUCC01	D31	09/05/2025	1311
Q3032-05	SOIL-PILE-2	Solid	TCLP Extraction	Cool 4 deg C	ZUCC01	D31	09/05/2025	1311
Q3045-05	DNAPL-OIL	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311
Q3046-02	IRV-CONCRETE	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311
Q3050-01	72-11939	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311
Q3051-02	VNJ-223	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	09/08/2025	1311

Date/Time 09/08/25 13:00 15:25
 Raw Sample Received by: SS WCC
 Raw Sample Relinquished by: SS WCC

Date/Time 09/08/25 18:00
 Raw Sample Received by: SS WCC
 Raw Sample Relinquished by: SS WCC

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A **Extraction Start Date :** 09/11/2025

Matrix : Water **Extraction Start Time :** 08:40

Welgh By: N/A **Extraction By:** RJ **Extraction End Date :** 09/11/2025

Balance check: N/A **Filter By:** RJ **Extraction End Time :** 14:05

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: N/A **Hood ID:** 4,6;7 **Supervisor By :** ritesh

Extraction Method: ☒ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	1.0ML	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	EP2626
Baked Na2SO4	N/A	EP2636
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

PH Adjust to <2 with 1:1 H2SO4 & >12 With 10N Naoh , 1.5ML Vial #2210443.

KD Bath ID: WATER BATH-1,2 **Envap ID:** NEVAP-02

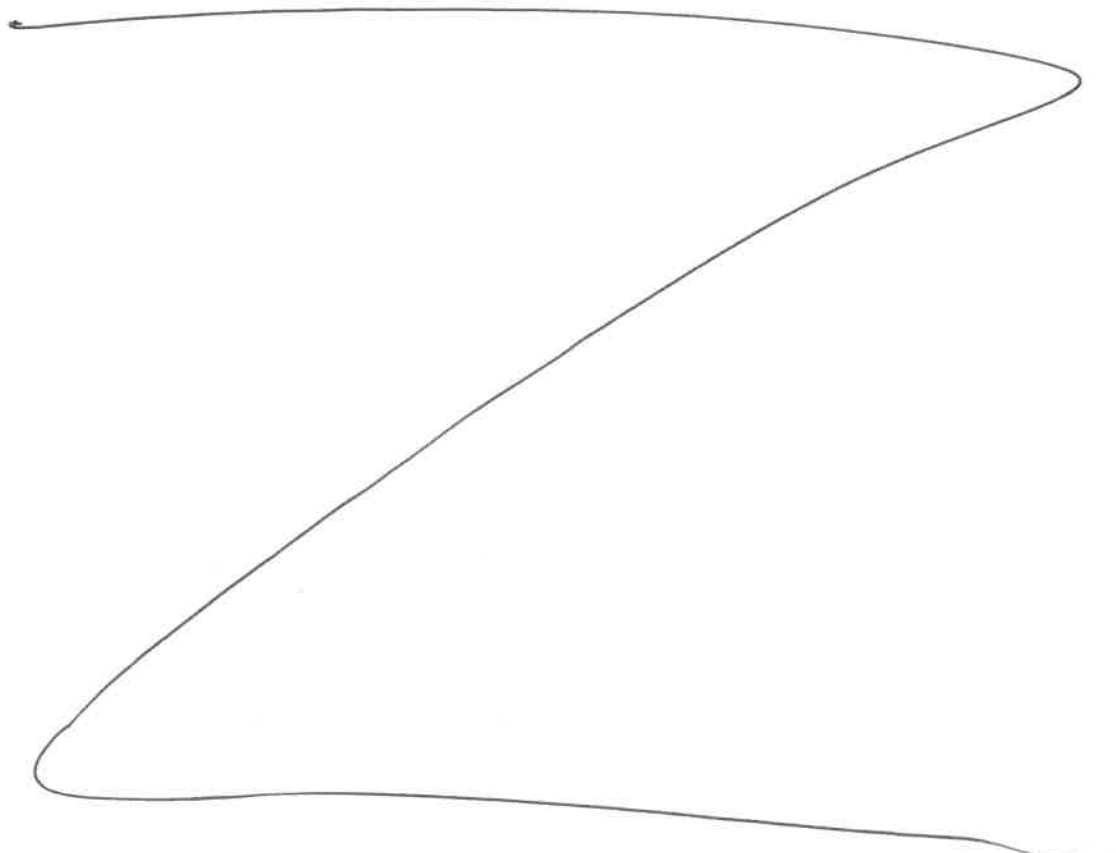
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/11/25	RJ (Ext-1066)	Rclsvoc
14510	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 09/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169589TB	PB169589TB	TCLP BNA	100	6	ritesh	Evelyn	1			SEP-1
PB169661BL	PB169661BL	TCLP BNA	1000	6	ritesh	Evelyn	1			2
PB169661BS	PB169661BS	TCLP BNA	1000	6	ritesh	Evelyn	1			3
Q3032-02	SOIL-PILE-1	TCLP BNA	100	6	ritesh	Evelyn	1	A		4
Q3032-02MS	SOIL-PILE-1MS	TCLP BNA	100	6	ritesh	Evelyn	1	A		5
Q3032-02MS D	SOIL-PILE-1MSD	TCLP BNA	100	6	ritesh	Evelyn	1	A		6
Q3032-05	SOIL-PILE-2	TCLP BNA	100	6	ritesh	Evelyn	1	A		7



RJ
9/11

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB169589TB	LEB589	N/A	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-1
Q2982-10	MOO-25-0236	01	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q3030-01	BLEECKER-082825HU01-TCLP	02	100.01	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q3032-02	SOIL-PILE-1	03	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q3032-05	SOIL-PILE-2	04	100.03	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q3045-05	DNAPL-OIL	N/A	N/A	N/A	N/A	N/A	N/A	5.8	1.5	N/A
Q3046-02	IRV-CONCRETE	05	100.01	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q3050-01	72-11939	06	100.02	2000	N/A	N/A	N/A	7.6	1.5	T-1
Q3051-02	VNJ-223	07	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1

04/09/25
10-40



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Zuccaro Inc.

ADDRESS: 3 Coal Ave

CITY: Morristown STATE: NJ ZIP:

ATTENTION: Sal Zuccaro

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 3 Coal Ave, Morristown, NJ

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO:

PO#:

ADDRESS:

CITY: Summit

STATE:

ZIP:

ATTENTION:

PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*

HARDCOPY (DATA PACKAGE): DAYS*

EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data ☐ Other

☐ EDD FORMAT

Metals TCL-TCL
SVOC-TCL BNA-20
PCB
TCL BNA
Mercury
TCL VOA
VOA-TCL VOA-10

PRESERVATIVES

COMMENTS

← Specify Preservatives

A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	Soil pile #1	SOL	X		9.5.25	11:14	5	X	X	X	X	X					
2.	I			X		11:16	5						X	X			
3.	Soil pile #2		X			11:36	5	X	X	X	X	X					
4.	I			X		11:40	5						X	X			
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME: 12:06	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☒ NON COMPLIANT	COOLER TEMP: 4.2°C
1. [Signature]	9.5.2025	1. [Signature]	Comments: Equal volume of soil used, 5:1 composite	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	* Soil pile #1 - 24x16x7 = measurement *	
2. [Signature]		2. [Signature]	* Soil pile #2 - 24x22x7 = measurement *	
RELINQUISHED BY SAMPLER:	DATE/TIME: 12:36	RECEIVED BY:	Page 1 of 1	CLIENT: ☐ Hand Delivered ☐ Other
3. [Signature]	9.5.2025	3. [Signature]		Shipment Complete ☐ YES ☐ NO

CHEMTECH

Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: 3 COOL AVE,
MORRISTOWN, N.J.

Service Order #:

Work Order #:

Labor WBS #:

Facility/Site:

Site Address: 3 COOL AVE
MORRISTOWN, NJ.

Chemtech Order ID:

Sampler Name: Lawrence Carter

Client Project Coordinator & Phone:

Page #: 1 of 1

Date: 9.5.2025

Arrive Time: 10:38

Depart Time: 12:06

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths:

Temp (range): °C PID Readings (range):

Dimensions/CY:

soil pile #1 / soil pile #2
100cy / 136cy

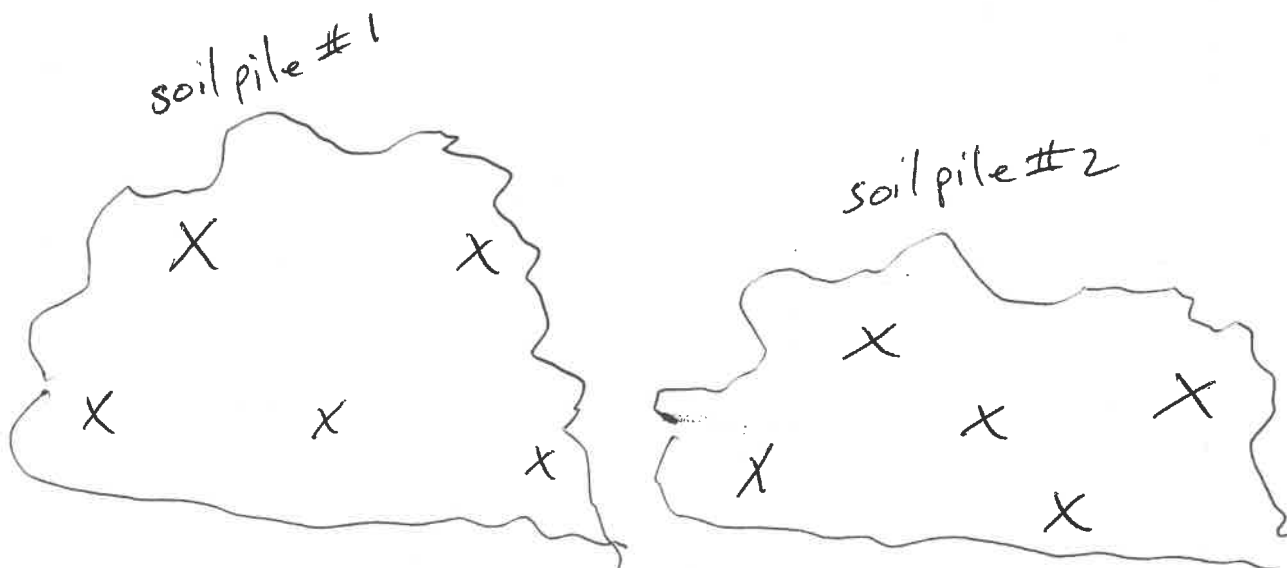
PPM Odor: Y N Color: Y N

Sample Description: Brown wet soil, rocks, GRASS.

Field Observations: SAMPLED, soil pile #1, soil pile #2

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: L. Carter 9.5.2025

Client Signature:

Supervisor Review/Date:

Date/Time Arrived at Lab:

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3032	ZUCC01	Order Date : 9/5/2025 12:41:17 PM	Project Mgr : Yazmeen
Client Name : Zuccaro Inc.		Project Name : 3 Coal Ave., Morristown, N	Report Type : Results+QC
Client Contact : Sal Zuccaro		Receive DateTime : 9/5/2025 12:36:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Zuccaro Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Sal Zuccaro			Date Signoff : 9/5/2025 2:08:49 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3032-02	SOIL-PILE-1	Solid	09/05/2025	11:14					
					TCLP VOA	TCLP-FULL	8260D	5 Bus. Days	09/12/2025
Q3032-03	SOIL-PILE-1	Solid	09/05/2025	11:16					
					VOC-TCLVOA-10		8260D	5 Bus. Days	09/12/2025
Q3032-05	SOIL-PILE-2	Solid	09/05/2025	11:36					
					TCLP VOA	TCLP-FULL	8260D	5 Bus. Days	09/12/2025
Q3032-06	SOIL-PILE-2	Solid	09/05/2025	11:40					
					VOC-TCLVOA-10		8260D	5 Bus. Days	09/12/2025

Relinquished By : 

Date / Time : 9/5/25 13:45

Received By : 

Date / Time : 9-5-25 13:45

Storage Area : VOA Refridgerator Room